

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN051524\  
 Data File : VN082139.D  
 Acq On : 15 May 2024 18:26  
 Operator : JC\MD  
 Sample : P2403-07 0.2PPB  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT2-2024

Quant Time: May 16 06:39:36 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051524W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 16 06:39:14 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 8.224  | 168   | 206817   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.100  | 114   | 356884   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.865 | 117   | 308349   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794 | 152   | 120628   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.577  | 65    | 163293   | 50.003   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 100.000% |
| 35) Dibromofluoromethane     | 8.165  | 113   | 107073   | 48.772   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 97.540%  |
| 50) Toluene-d8               | 10.571 | 98    | 406803   | 48.331   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 96.660%  |
| 62) 4-Bromofluorobenzene     | 12.847 | 95    | 126918   | 42.247   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 64 - 133 | Recovery | =      | 84.500%  |
| Target Compounds             |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.124  | 85    | 511      | 0.171    | ug/l   | 90       |
| 3) Chloromethane             | 2.365  | 50    | 1050     | 0.311    | ug/l   | 94       |
| 4) Vinyl Chloride            | 2.524  | 62    | 633      | 0.199    | ug/l # | 44       |
| 5) Bromomethane              | 2.965  | 94    | 1158     | 0.634    | ug/l   | 97       |
| 6) Chloroethane              | 3.118  | 64    | 418      | 0.202    | ug/l # | 44       |
| 7) Trichlorofluoromethane    | 3.506  | 101   | 581      | 0.140    | ug/l   | 97       |
| 8) Diethyl Ether             | 3.965  | 74    | 76       | 0.051    | ug/l # | 4        |
| 9) 1,1,2-Trichlorotrifluo... | 4.371  | 101   | 218      | 0.090    | ug/l # | 59       |
| 10) Methyl Iodide            | 4.583  | 142   | 360      | 0.147    | ug/l # | 40       |
| 11) Tert butyl alcohol       | 5.518  | 59    | 64       | 0.122    | ug/l # | 71       |
| 12) 1,1-Dichloroethene       | 4.336  | 96    | 253      | 0.112    | ug/l # | 75       |
| 13) Acrolein                 | 4.183  | 56    | 261      | 0.672    | ug/l # | 15       |
| 14) Allyl chloride           | 5.024  | 41    | 728      | 0.151    | ug/l # | 60       |
| 15) Acrylonitrile            | 5.712  | 53    | 1002     | 0.738    | ug/l # | 54       |
| 16) Acetone                  | 4.442  | 43    | 1615     | 1.206    | ug/l # | 43       |
| 17) Carbon Disulfide         | 4.712  | 76    | 2247     | 0.308    | ug/l # | 74       |
| 18) Methyl Acetate           | 5.030  | 43    | 786      | 0.236    | ug/l # | 47       |
| 19) Methyl tert-butyl Ether  | 5.789  | 73    | 1110     | 0.134    | ug/l # | 56       |
| 20) Methylene Chloride       | 5.283  | 84    | 1018     | 0.377    | ug/l # | 58       |
| 21) trans-1,2-Dichloroethene | 5.789  | 96    | 433      | 0.176    | ug/l # | 51       |
| 22) Diisopropyl ether        | 6.671  | 45    | 1537     | 0.152    | ug/l # | 76       |
| 23) Vinyl Acetate            | 6.600  | 43    | 5964     | 0.749    | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 6.571  | 63    | 480      | 0.092    | ug/l # | 81       |
| 25) 2-Butanone               | 7.489  | 43    | 1852     | 0.912    | ug/l # | 43       |
| 26) 2,2-Dichloropropane      | 7.494  | 77    | 626      | 0.144    | ug/l # | 53       |
| 27) cis-1,2-Dichloroethene   | 7.489  | 96    | 486      | 0.167    | ug/l   | 60       |
| 28) Bromochloromethane       | 7.818  | 49    | 276      | 0.114    | ug/l # | 10       |
| 29) Tetrahydrofuran          | 7.853  | 42    | 1198     | 0.919    | ug/l # | 41       |
| 30) Chloroform               | 7.971  | 83    | 958      | 0.193    | ug/l   | 92       |
| 31) Cyclohexane              | 8.224  | 56    | 7200     | 1.380    | ug/l # | 42       |
| 32) 1,1,1-Trichloroethane    | 8.177  | 97    | 574      | 0.130    | ug/l # | 24       |
| 36) 1,1-Dichloropropene      | 8.365  | 75    | 658      | 0.179    | ug/l # | 69       |
| 37) Ethyl Acetate            | 7.565  | 43    | 775      | 0.188    | ug/l # | 68       |
| 38) Carbon Tetrachloride     | 8.224  | 117   | 22777    | 6.102    | ug/l # | 17       |
| 39) Methylcyclohexane        | 9.600  | 83    | 674      | 0.167    | ug/l # | 77       |
| 40) Benzene                  | 8.606  | 78    | 2005     | 0.183    | ug/l # | 89       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN051524\  
 Data File : VN082139.D  
 Acq On : 15 May 2024 18:26  
 Operator : JC\MD  
 Sample : P2403-07 0.2PPB  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT2-2024

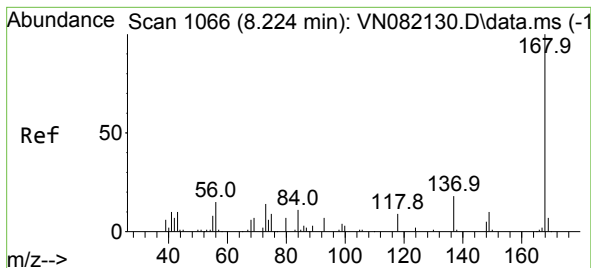
Quant Time: May 16 06:39:36 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051524W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 16 06:39:14 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.771  | 41   | 130      | 0.054  | ug/l # | 19       |
| 42) 1,2-Dichloroethane        | 8.665  | 62   | 1146     | 0.271  | ug/l # | 73       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 1245     | 0.171  | ug/l # | 52       |
| 44) Trichloroethene           | 9.341  | 130  | 260      | 0.104  | ug/l   | 63       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 474      | 0.167  | ug/l # | 45       |
| 46) Dibromomethane            | 9.712  | 93   | 117      | 0.063  | ug/l # | 14       |
| 47) Bromodichloromethane      | 9.888  | 83   | 543      | 0.138  | ug/l # | 91       |
| 48) Methyl methacrylate       | 9.671  | 41   | 509      | 0.146  | ug/l # | 51       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 3263     | 0.787  | ug/l   | 89       |
| 52) Toluene                   | 10.629 | 92   | 1051     | 0.160  | ug/l # | 65       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 595      | 0.147  | ug/l # | 43       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 750      | 0.174  | ug/l # | 60       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 429      | 0.179  | ug/l # | 36       |
| 56) Ethyl methacrylate        | 10.882 | 69   | 609      | 0.150  | ug/l # | 52       |
| 57) 1,3-Dichloropropane       | 11.171 | 76   | 804      | 0.180  | ug/l # | 72       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 1450     | 0.691  | ug/l # | 82       |
| 59) 2-Hexanone                | 11.194 | 43   | 2386     | 0.786  | ug/l   | 73       |
| 60) Dibromochloromethane      | 11.353 | 129  | 404      | 0.153  | ug/l # | 47       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 440      | 0.179  | ug/l # | 78       |
| 64) Tetrachloroethene         | 11.106 | 164  | 325      | 0.142  | ug/l # | 80       |
| 65) Chlorobenzene             | 11.894 | 112  | 1494     | 0.219  | ug/l   | 94       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 385      | 0.172  | ug/l # | 33       |
| 67) Ethyl Benzene             | 11.965 | 91   | 2463     | 0.202  | ug/l # | 84       |
| 68) m/p-Xylenes               | 12.071 | 106  | 1585     | 0.355  | ug/l   | 88       |
| 69) o-Xylene                  | 12.406 | 106  | 699      | 0.162  | ug/l   | 68       |
| 70) Styrene                   | 12.412 | 104  | 1313     | 0.183  | ug/l   | 94       |
| 71) Bromoform                 | 12.571 | 173  | 384      | 0.238  | ug/l # | 28       |
| 73) Isopropylbenzene          | 12.694 | 105  | 1719     | 0.179  | ug/l   | 96       |
| 74) N-amyl acetate            | 12.494 | 43   | 977      | 0.185  | ug/l # | 63       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 493      | 0.178  | ug/l # | 90       |
| 76) 1,2,3-Trichloropropane    | 12.853 | 75   | 75321    | 29.666 | ug/l # | 1        |
| 77) Bromobenzene              | 12.976 | 156  | 373      | 0.163  | ug/l # | 45       |
| 78) n-propylbenzene           | 13.041 | 91   | 2411     | 0.212  | ug/l   | 86       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 1306     | 0.183  | ug/l   | 80       |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 1394     | 0.180  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.853 | 75   | 75321    | 69.389 | ug/l # | 12       |
| 82) 4-Chlorotoluene           | 13.123 | 91   | 1306     | 0.187  | ug/l   | 80       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 1227     | 0.181  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 1419     | 0.179  | ug/l   | 96       |
| 85) sec-Butylbenzene          | 13.618 | 105  | 1711     | 0.182  | ug/l # | 72       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 1279     | 0.167  | ug/l # | 73       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 962      | 0.233  | ug/l   | 91       |
| 88) 1,4-Dichlorobenzene       | 13.735 | 146  | 962      | 0.228  | ug/l   | 93       |
| 89) n-Butylbenzene            | 14.065 | 91   | 1176     | 0.171  | ug/l   | 93       |
| 90) Hexachloroethane          | 14.335 | 117  | 74       | 0.052  | ug/l # | 17       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 706      | 0.180  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.400 | 180  | 700      | 0.319  | ug/l # | 46       |
| 94) Hexachlorobutadiene       | 15.494 | 225  | 75       | 0.078  | ug/l # | 20       |
| 95) Naphthalene               | 15.641 | 128  | 1293     | 0.188  | ug/l # | 75       |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 236      | 0.107  | ug/l # | 69       |

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

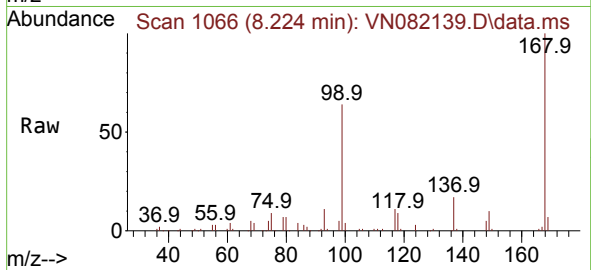
**Instrument :**  
MSVOA\_N  
**ClientSampleId :**  
LOD-MDL-WATER-01-QT2-2024



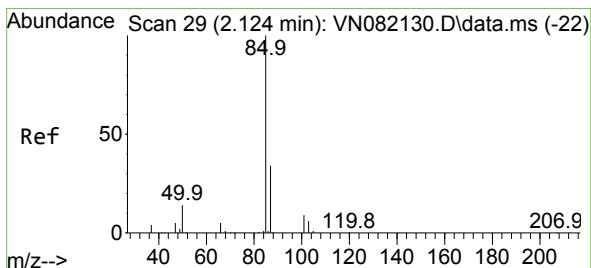
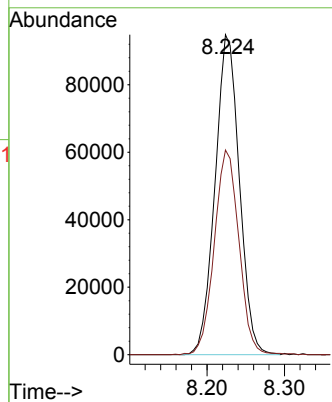
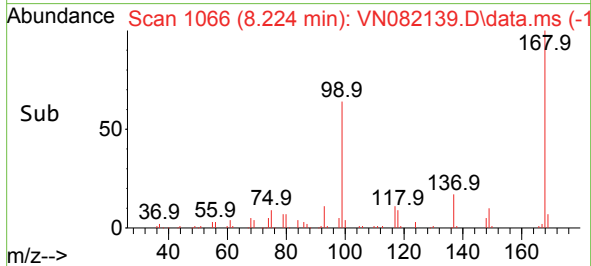


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

Instrument : MSVOA\_N  
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

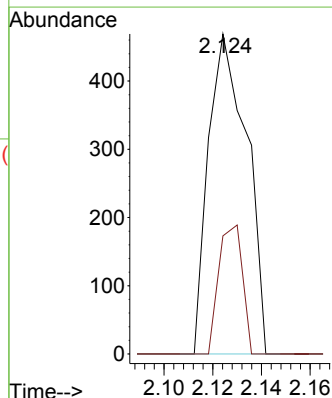
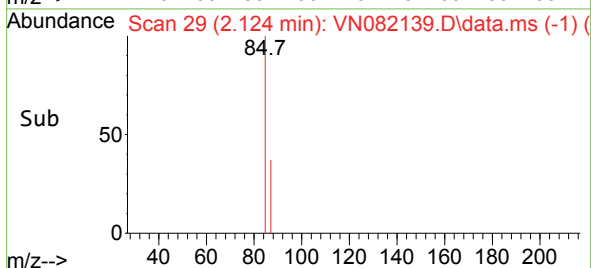
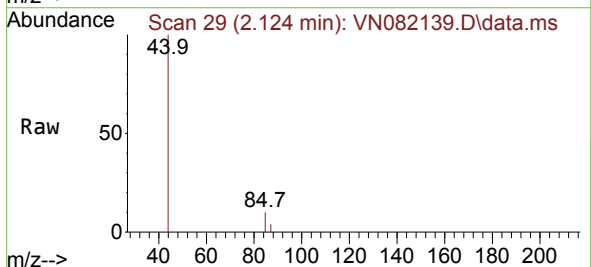


Tgt Ion:168 Resp: 206817  
Ion Ratio Lower Upper  
168 100  
99 64.0 48.2 72.4



#2  
Dichlorodifluoromethane  
Concen: 0.171 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. 0.000 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

Tgt Ion: 85 Resp: 511  
Ion Ratio Lower Upper  
85 100  
87 36.9 15.8 47.4

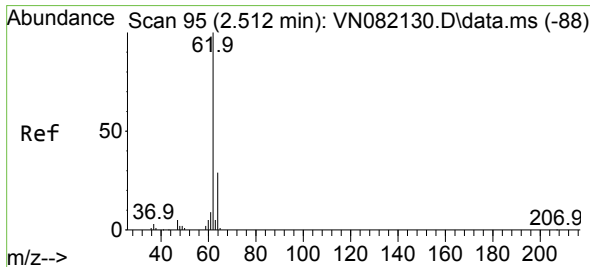
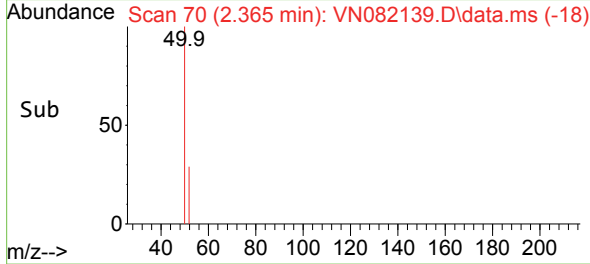
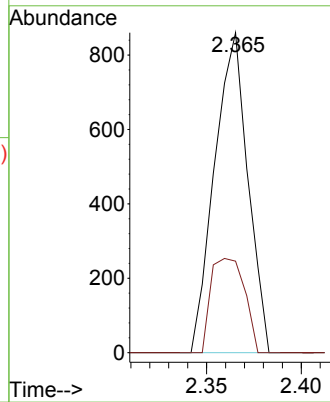
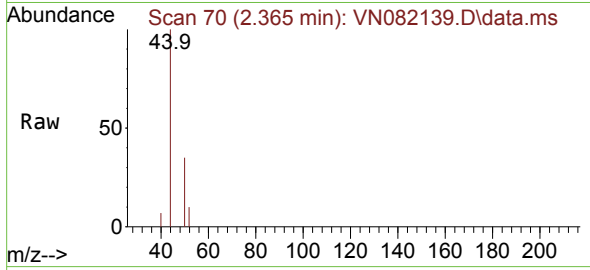




#3  
Chloromethane  
Concen: 0.311 ug/l  
RT: 2.365 min Scan# 70  
Delta R.T. 0.006 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

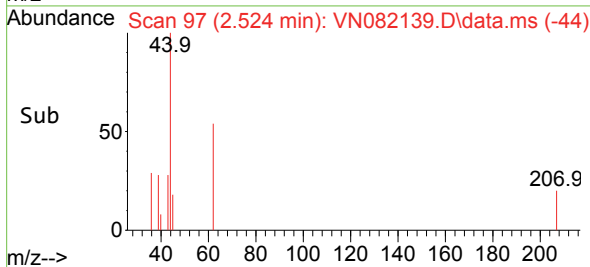
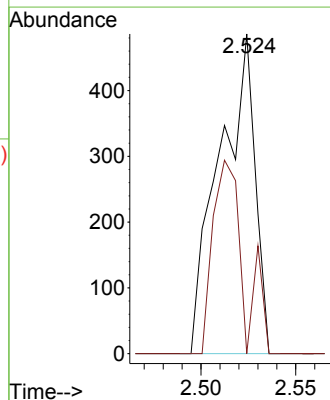
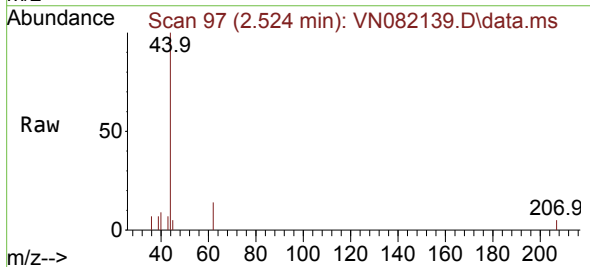
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

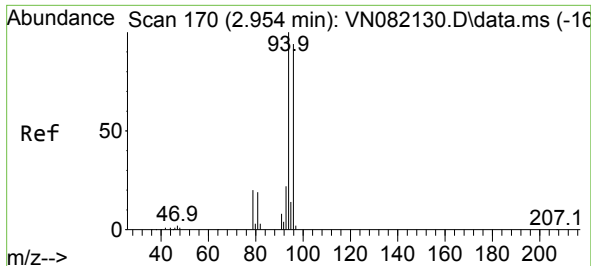
Tgt Ion: 50 Resp: 1050  
Ion Ratio Lower Upper  
50 100  
52 28.6 25.5 38.3



#4  
Vinyl Chloride  
Concen: 0.199 ug/l  
RT: 2.524 min Scan# 97  
Delta R.T. 0.012 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

Tgt Ion: 62 Resp: 633  
Ion Ratio Lower Upper  
62 100  
64 0.0 24.6 37.0#

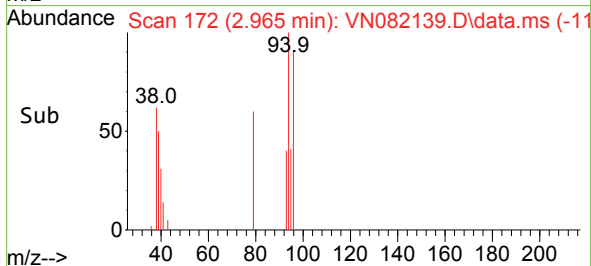
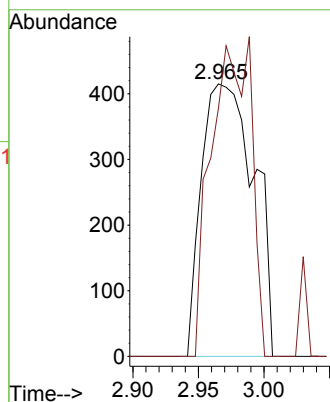
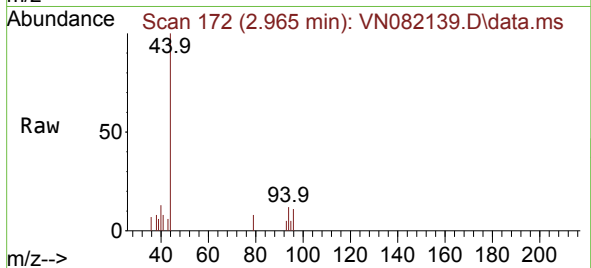




#5  
Bromomethane  
Concen: 0.634 ug/l  
RT: 2.965 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

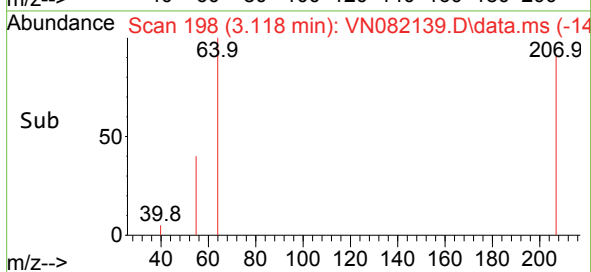
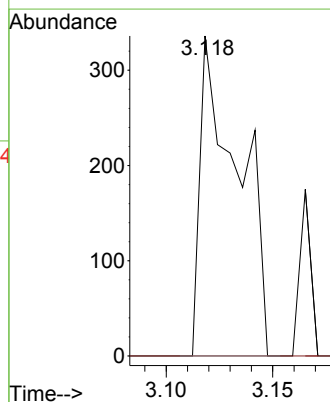
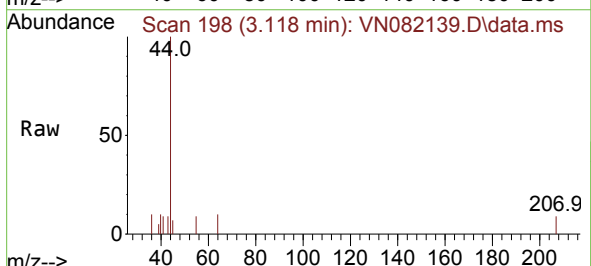
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

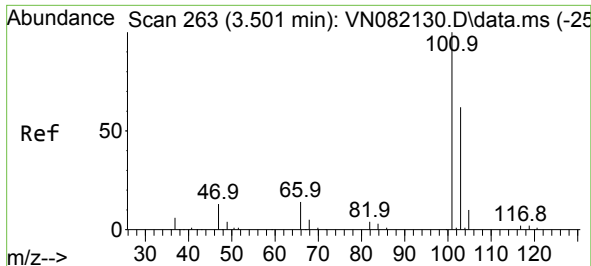
Tgt Ion: 94 Resp: 1158  
Ion Ratio Lower Upper  
94 100  
96 91.1 74.8 112.2



#6  
Chloroethane  
Concen: 0.202 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. 0.000 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

Tgt Ion: 64 Resp: 418  
Ion Ratio Lower Upper  
64 100  
66 0.0 24.7 37.1#

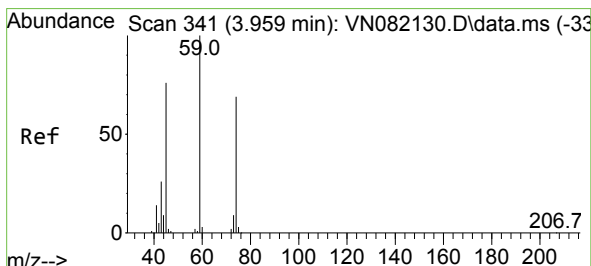
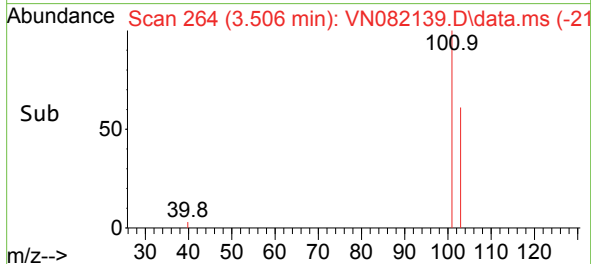
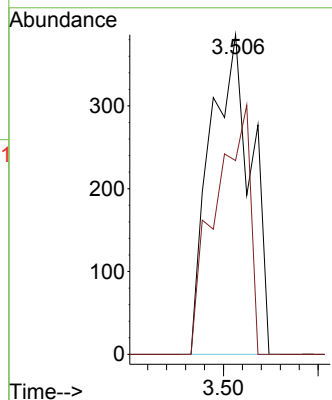
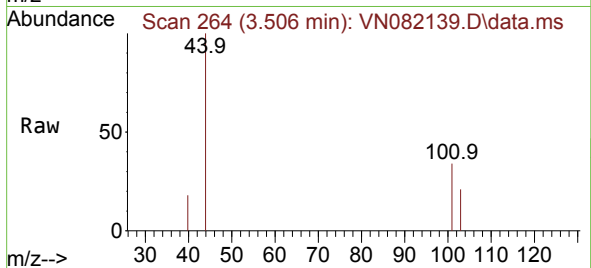




#7  
Trichlorofluoromethane  
Concen: 0.140 ug/l  
RT: 3.506 min Scan# 20  
Delta R.T. 0.006 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

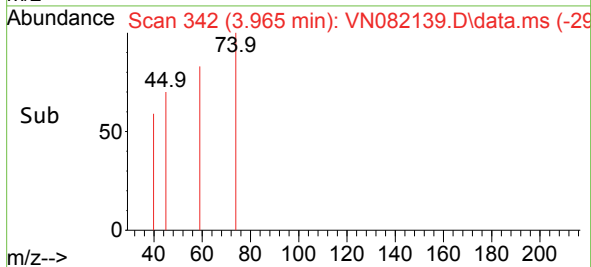
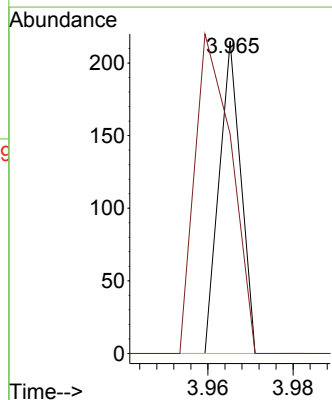
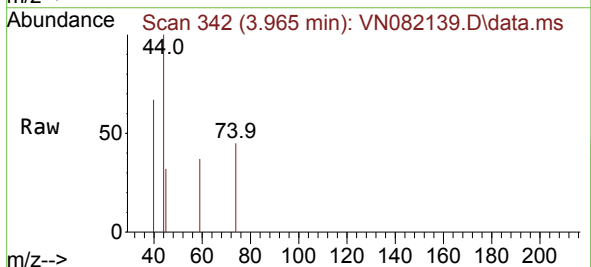
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

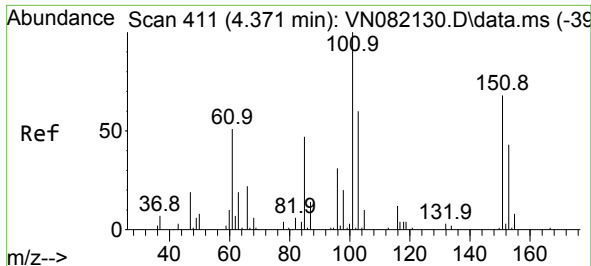
Tgt Ion:101 Resp: 581  
Ion Ratio Lower Upper  
101 100  
103 60.6 50.6 75.8



#8  
Diethyl Ether  
Concen: 0.051 ug/l  
RT: 3.965 min Scan# 342  
Delta R.T. 0.006 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

Tgt Ion: 74 Resp: 76  
Ion Ratio Lower Upper  
74 100  
45 172.4 42.4 127.3#

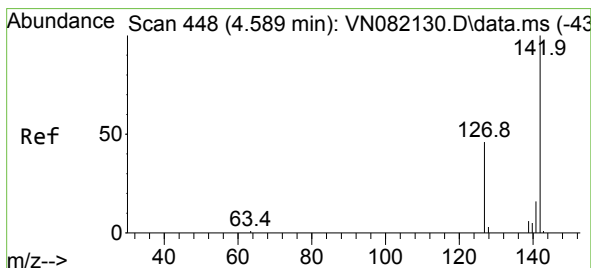
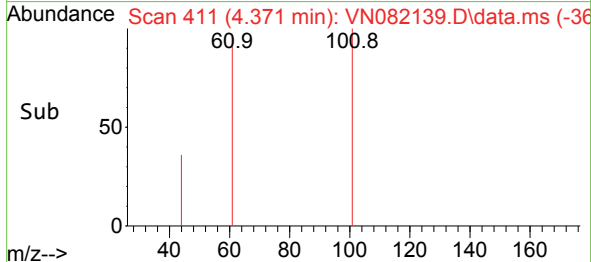
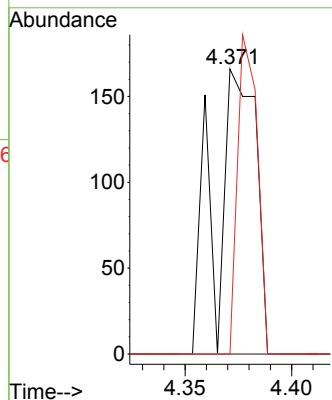
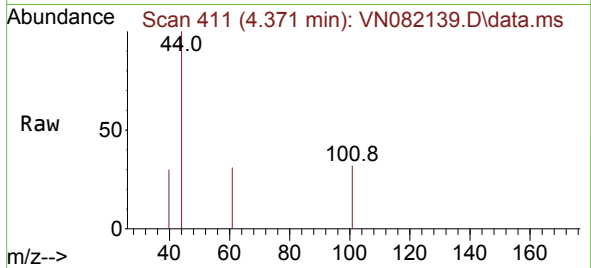




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.090 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

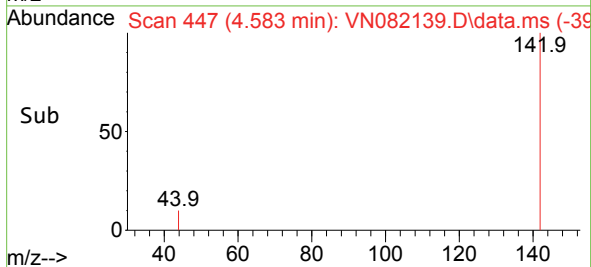
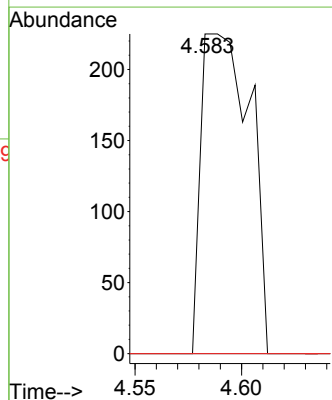
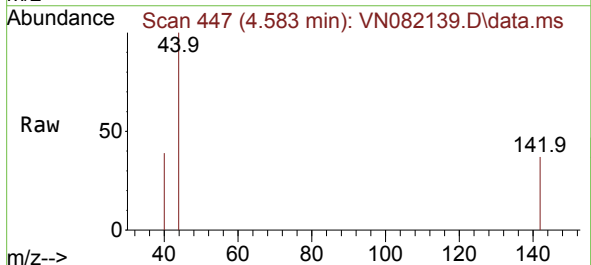
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:101 Resp: 218  
Ion Ratio Lower Upper  
101 100  
85 0.0 37.3 55.9#  
151 55.0 59.2 88.8#



#10  
Methyl Iodide  
Concen: 0.147 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. -0.006 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

Tgt Ion:142 Resp: 360  
Ion Ratio Lower Upper  
142 100  
127 0.0 35.8 53.6#  
141 0.0 11.4 17.2#

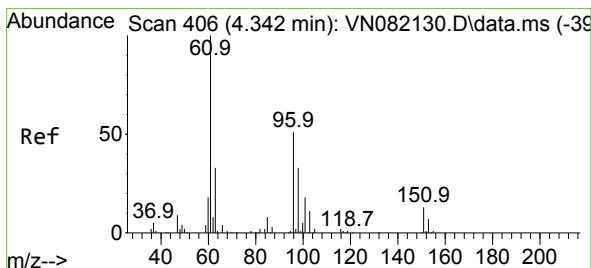
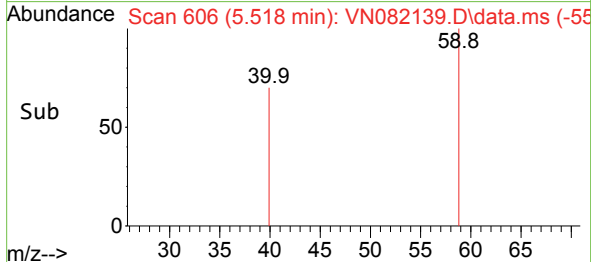
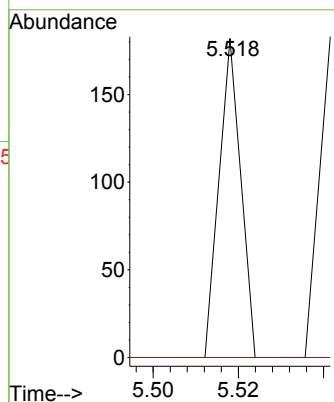
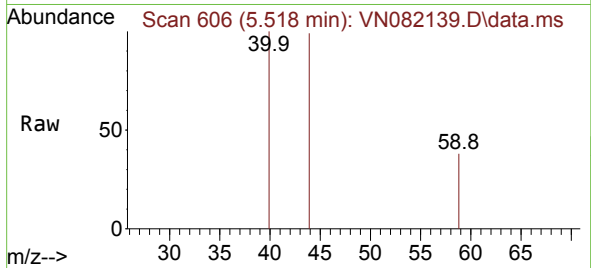




#11  
Tert butyl alcohol  
Concen: 0.122 ug/l  
RT: 5.518 min Scan# 606  
Delta R.T. 0.000 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

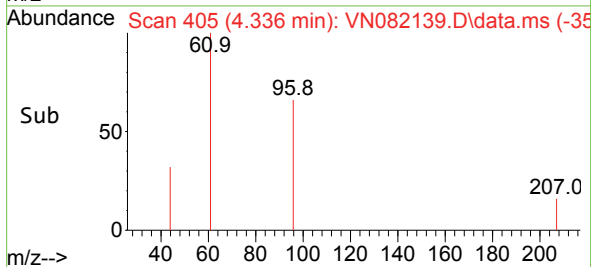
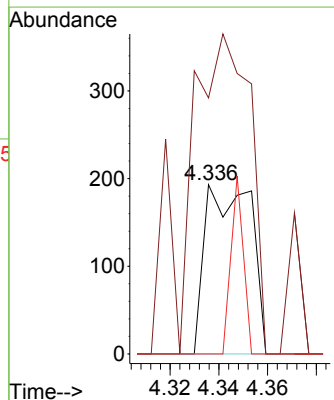
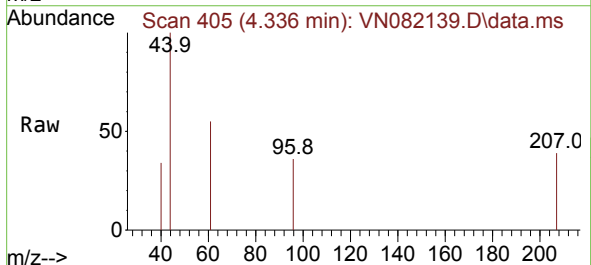
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

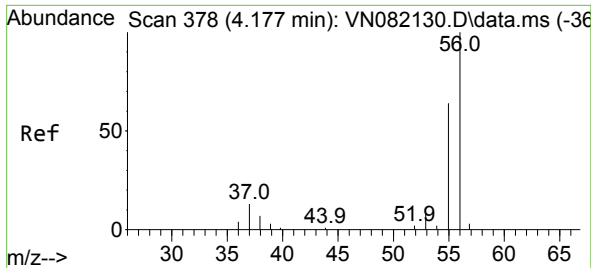
Tgt Ion: 59 Resp: 64  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.9 13.3#



#12  
1,1-Dichloroethene  
Concen: 0.112 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. -0.006 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

Tgt Ion: 96 Resp: 253  
Ion Ratio Lower Upper  
96 100  
61 151.3 119.7 179.5  
98 0.0 49.6 74.4#





#13

Acrolein

Concen: 0.672 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

Instrument :

MSVOA\_N

ClientSampleId :

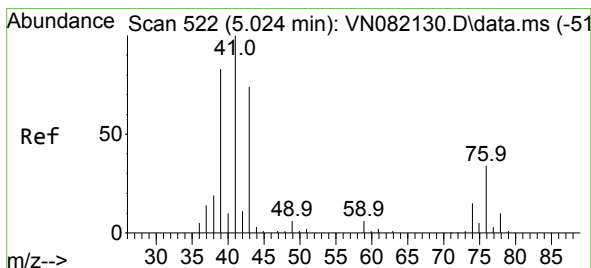
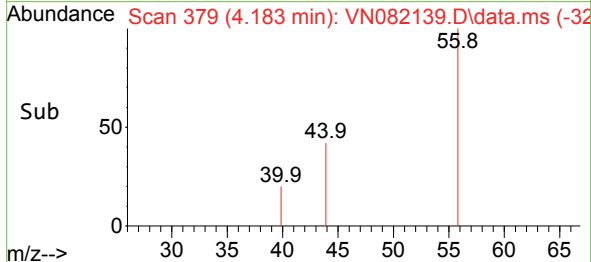
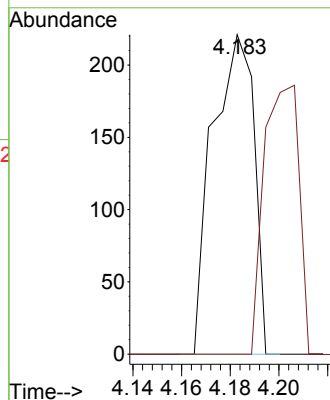
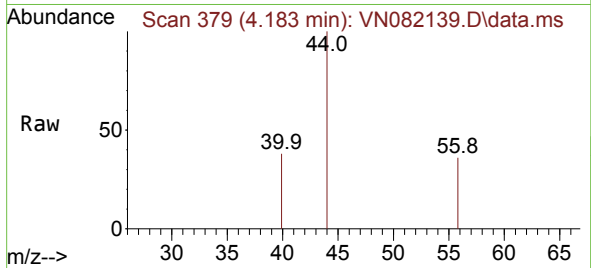
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 56 Resp: 261

Ion Ratio Lower Upper

56 100

55 0.0 55.8 83.8#



#14

Allyl chloride

Concen: 0.151 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

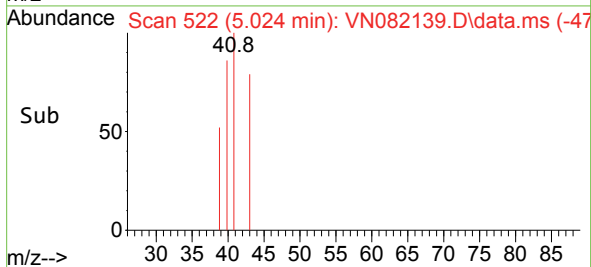
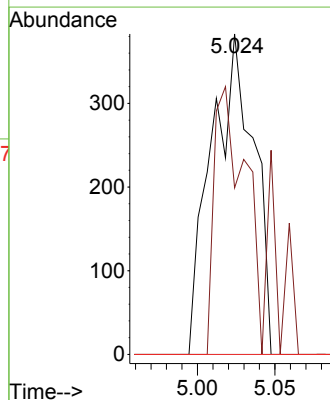
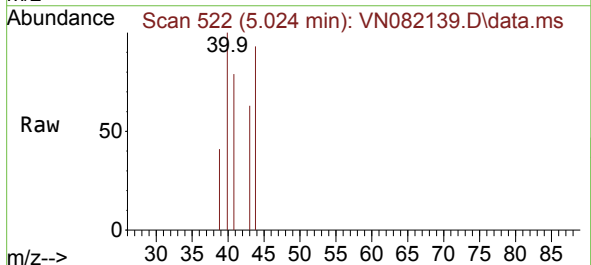
Tgt Ion: 41 Resp: 728

Ion Ratio Lower Upper

41 100

39 61.1 65.4 98.0#

76 0.0 37.3 55.9#

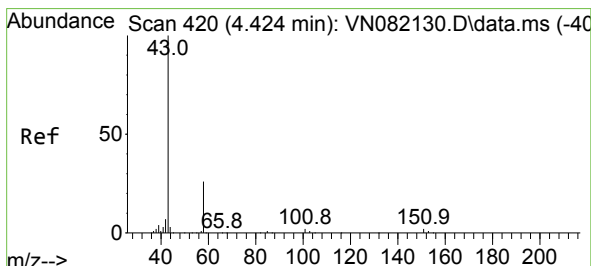
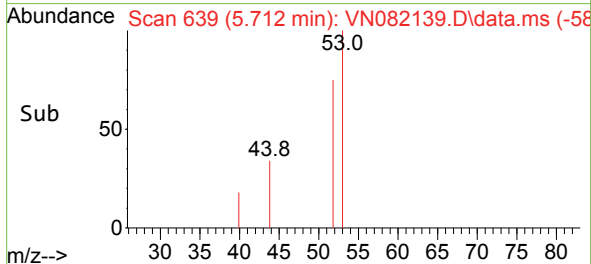
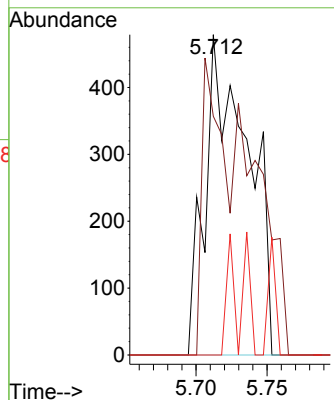
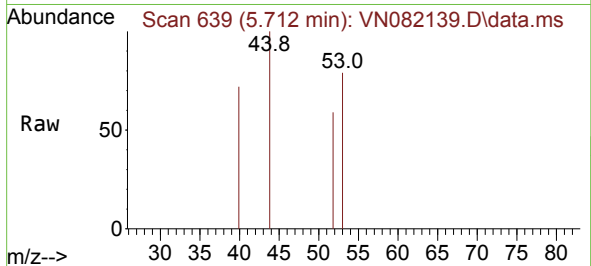




#15  
Acrylonitrile  
Concen: 0.738 ug/l  
RT: 5.712 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

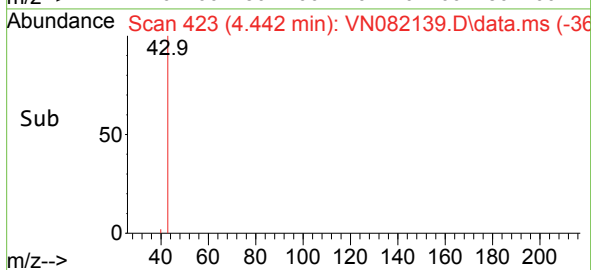
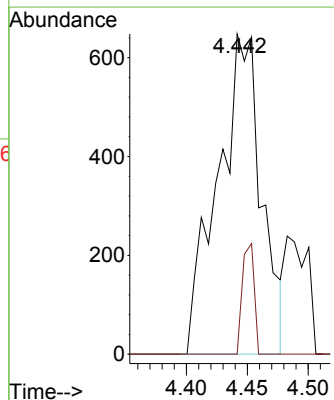
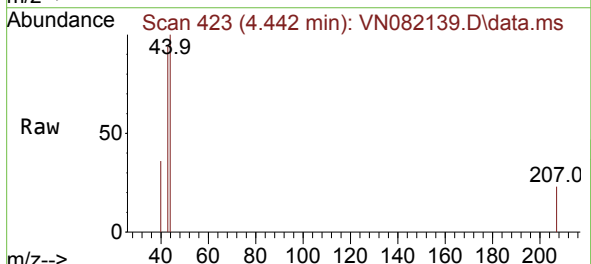
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

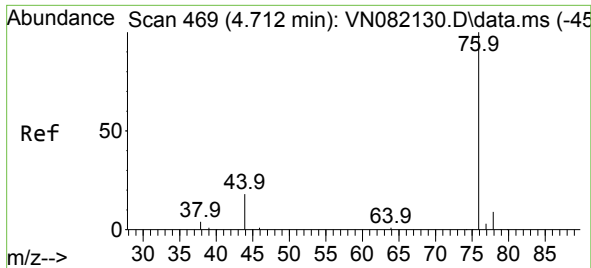
Tgt Ion: 53 Resp: 1002  
Ion Ratio Lower Upper  
53 100  
52 47.3 66.1 99.1#  
51 0.0 29.4 44.2#



#16  
Acetone  
Concen: 1.206 ug/l  
RT: 4.442 min Scan# 423  
Delta R.T. 0.018 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

Tgt Ion: 43 Resp: 1615  
Ion Ratio Lower Upper  
43 100  
58 0.0 25.2 37.8#

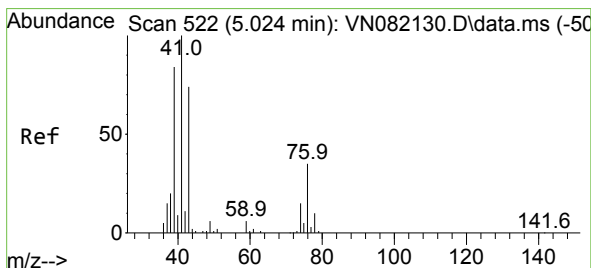
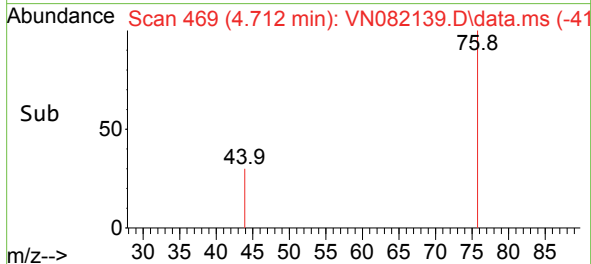
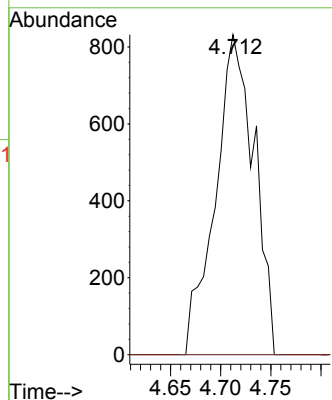
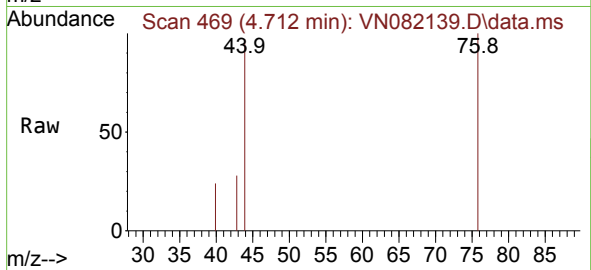




#17  
Carbon Disulfide  
Concen: 0.308 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. 0.000 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

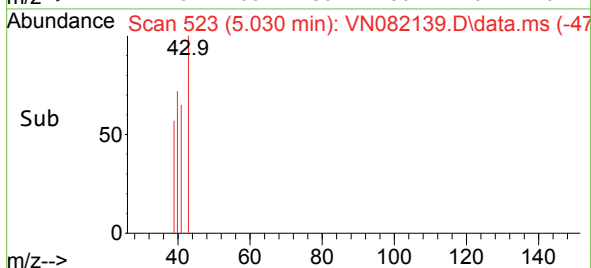
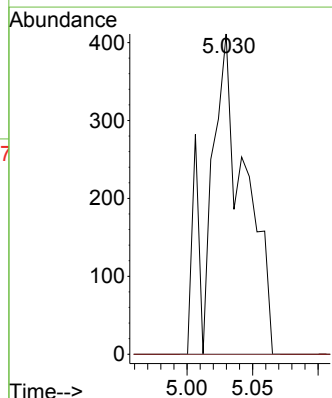
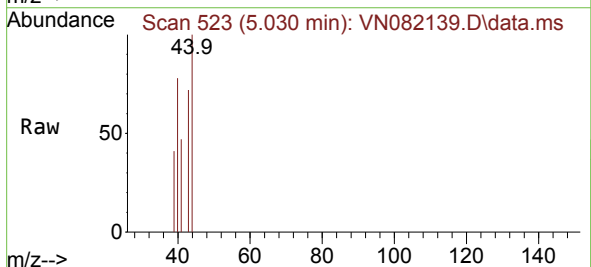
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

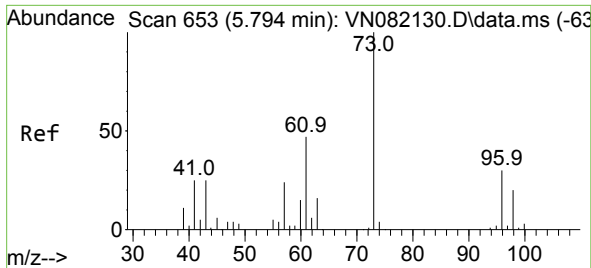
Tgt Ion: 76 Resp: 2247  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.5 11.3#



#18  
Methyl Acetate  
Concen: 0.236 ug/l  
RT: 5.030 min Scan# 523  
Delta R.T. 0.006 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

Tgt Ion: 43 Resp: 786  
Ion Ratio Lower Upper  
43 100  
74 0.0 22.2 33.2#

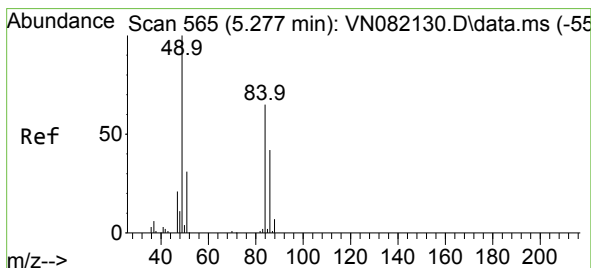
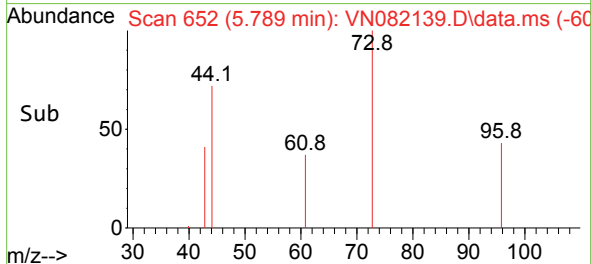
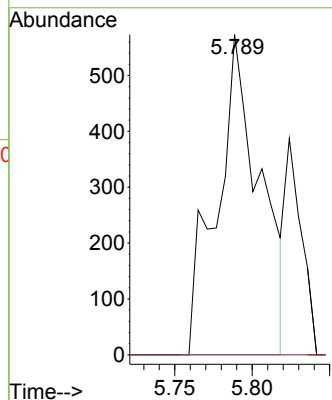
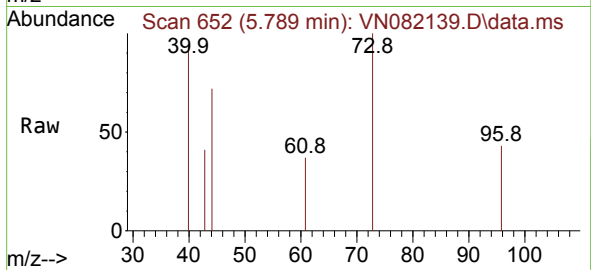




#19  
Methyl tert-butyl Ether  
Concen: 0.134 ug/l  
RT: 5.789 min Scan# 611  
Delta R.T. -0.006 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

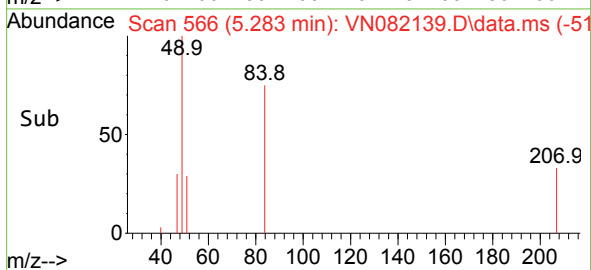
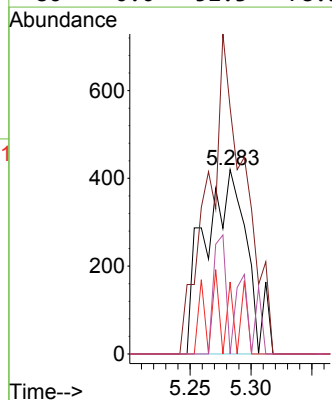
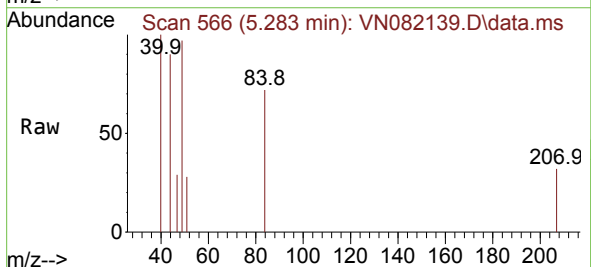
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

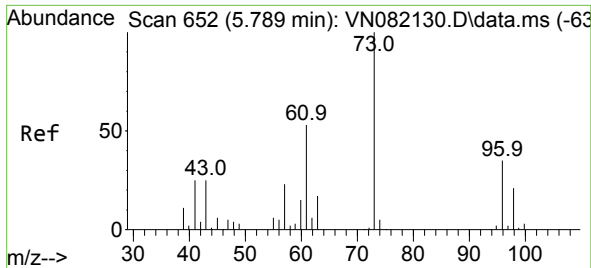
Tgt Ion: 73 Resp: 1110  
Ion Ratio Lower Upper  
73 100  
57 0.0 16.5 24.7#



#20  
Methylene Chloride  
Concen: 0.377 ug/l  
RT: 5.283 min Scan# 566  
Delta R.T. 0.006 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

Tgt Ion: 84 Resp: 1018  
Ion Ratio Lower Upper  
84 100  
49 133.6 84.9 127.3#  
51 39.0 27.0 40.6  
86 0.0 52.3 78.5#

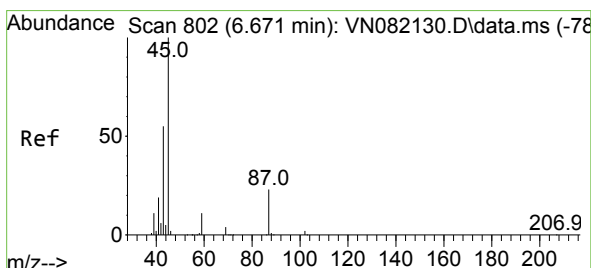
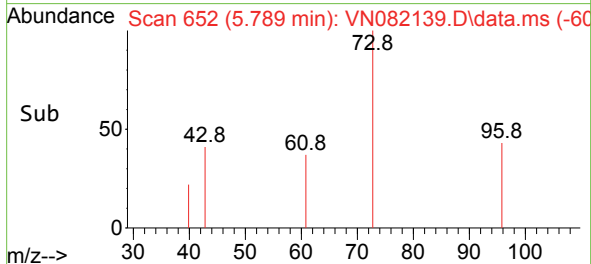
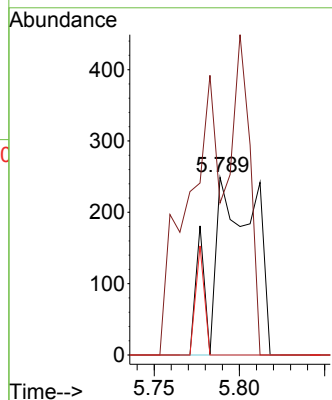
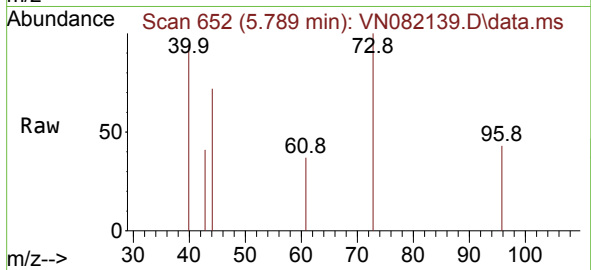




#21  
trans-1,2-Dichloroethene  
Concen: 0.176 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

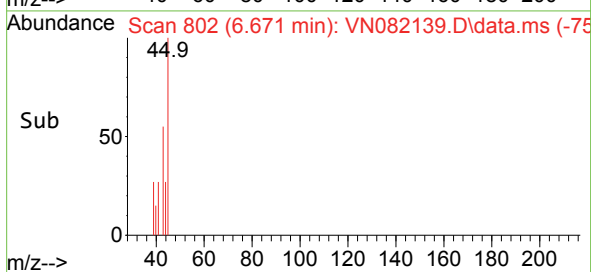
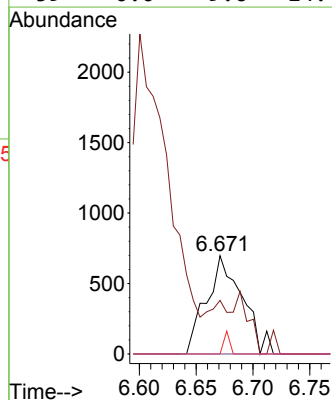
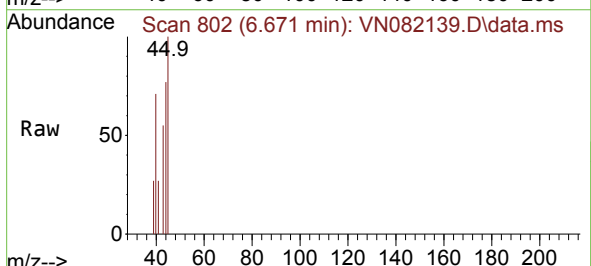
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 96 Resp: 433  
Ion Ratio Lower Upper  
96 100  
61 85.5 96.5 144.7#  
98 0.0 51.3 76.9#



#22  
Diisopropyl ether  
Concen: 0.152 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. 0.000 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

Tgt Ion: 45 Resp: 1537  
Ion Ratio Lower Upper  
45 100  
43 54.7 44.1 66.1  
87 0.0 27.0 40.6#  
59 0.0 9.6 14.4#

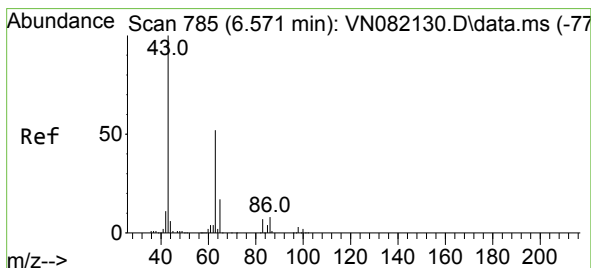
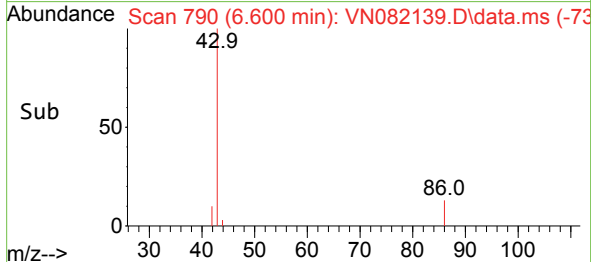
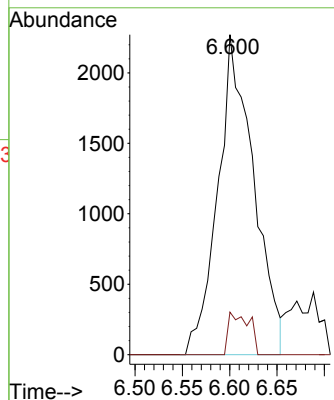
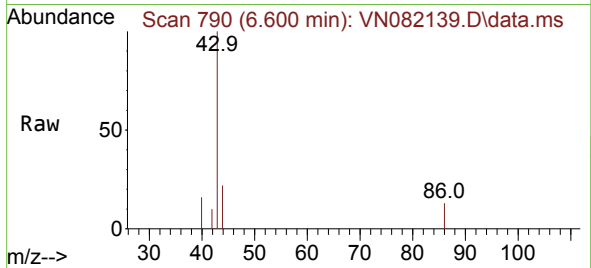




#23  
 Vinyl Acetate  
 Concen: 0.749 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. 0.000 min  
 Lab File: VN082139.D  
 Acq: 15 May 2024 18:26

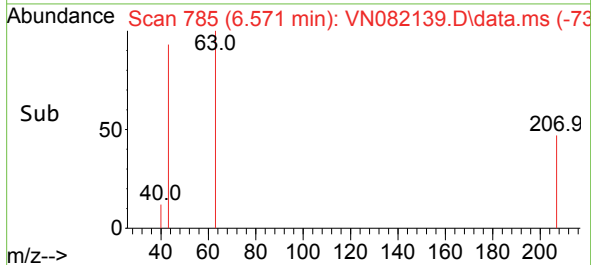
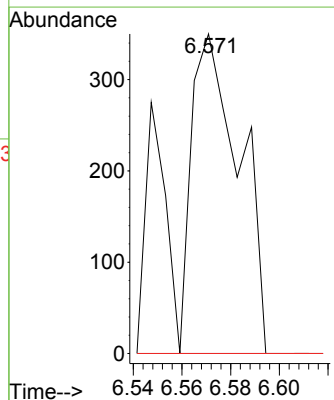
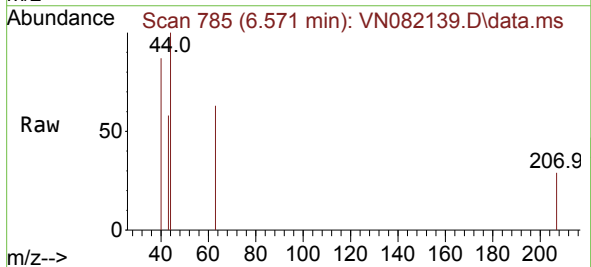
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT2-2024

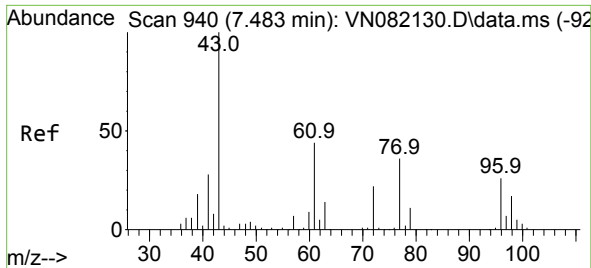
Tgt Ion: 43 Resp: 5964  
 Ion Ratio Lower Upper  
 43 100  
 86 13.3 10.2 15.4



#24  
 1,1-Dichloroethane  
 Concen: 0.092 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. 0.000 min  
 Lab File: VN082139.D  
 Acq: 15 May 2024 18:26

Tgt Ion: 63 Resp: 480  
 Ion Ratio Lower Upper  
 63 100  
 98 0.0 3.6 10.9#  
 100 0.0 2.6 7.8#

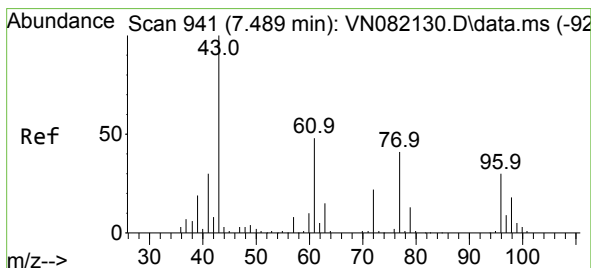
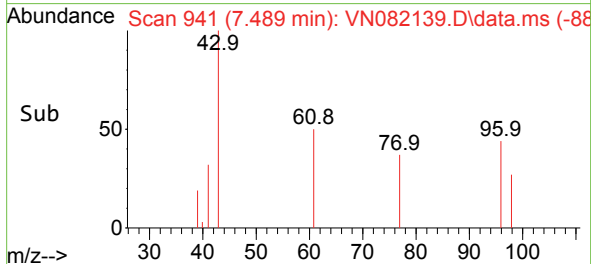
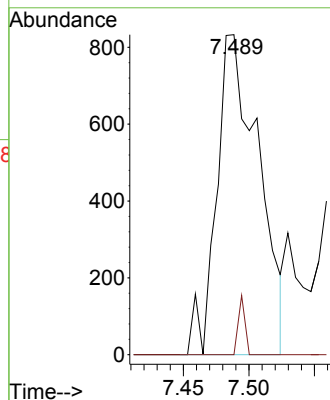
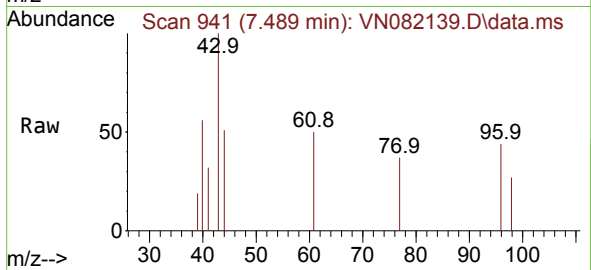




#25  
2-Butanone  
Concen: 0.912 ug/l  
RT: 7.489 min Scan# 941  
Delta R.T. 0.006 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

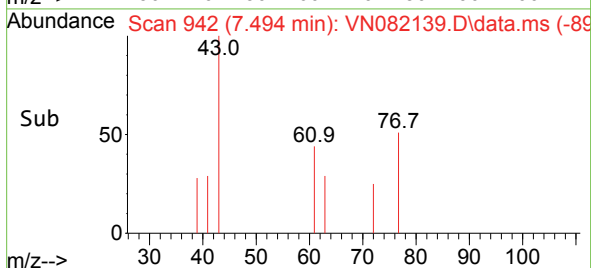
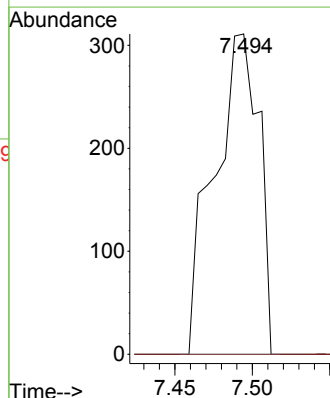
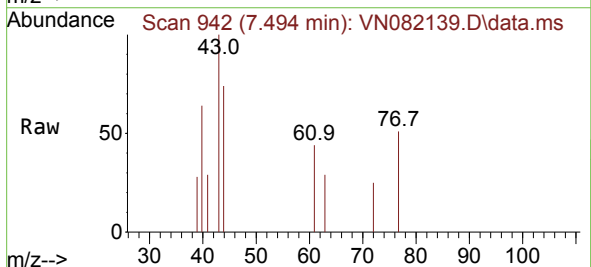
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 43 Resp: 1852  
Ion Ratio Lower Upper  
43 100  
72 0.0 25.3 37.9#



#26  
2,2-Dichloropropane  
Concen: 0.144 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. 0.006 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

Tgt Ion: 77 Resp: 626  
Ion Ratio Lower Upper  
77 100  
97 0.0 11.3 33.9#





#27

cis-1,2-Dichloroethene

Concen: 0.167 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN082139.D

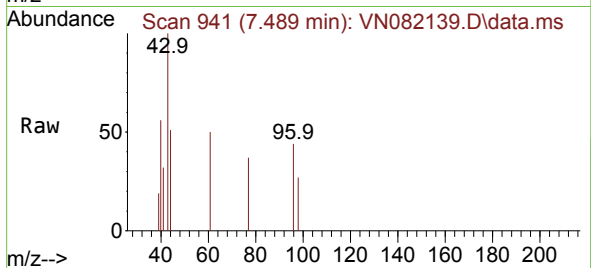
Acq: 15 May 2024 18:26

Instrument :

MSVOA\_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



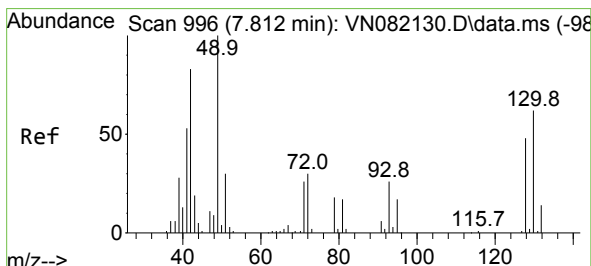
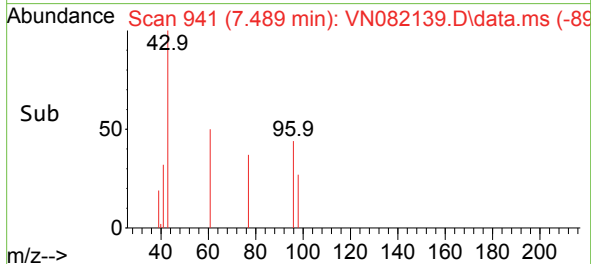
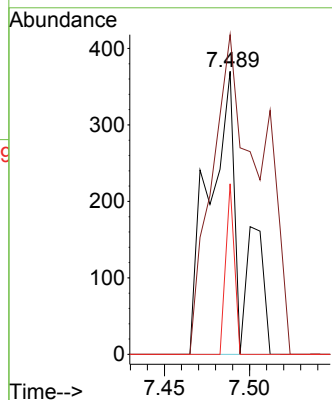
Tgt Ion: 96 Resp: 486

Ion Ratio Lower Upper

96 100

61 169.8 0.0 268.0

98 16.3 0.0 126.8



#28

Bromochloromethane

Concen: 0.114 ug/l

RT: 7.818 min Scan# 997

Delta R.T. 0.006 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

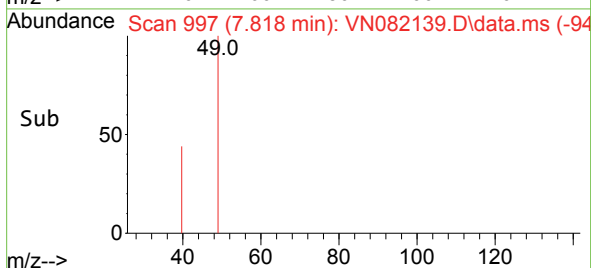
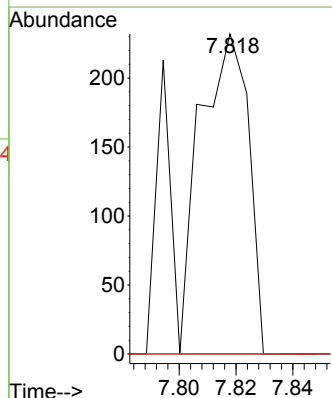
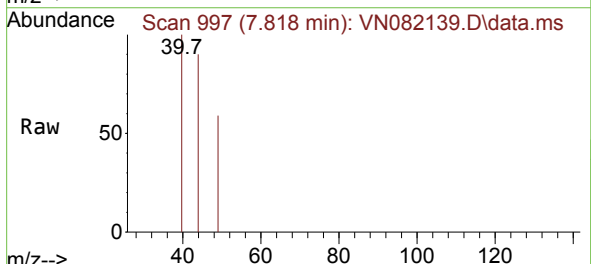
Tgt Ion: 49 Resp: 276

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 0.0 66.7 100.1#





#29

Tetrahydrofuran

Concen: 0.919 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.018 min

Lab File: VN082139.D

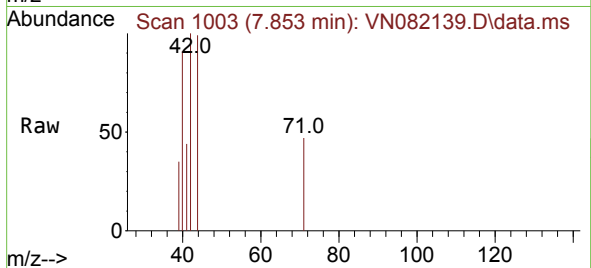
Acq: 15 May 2024 18:26

Instrument :

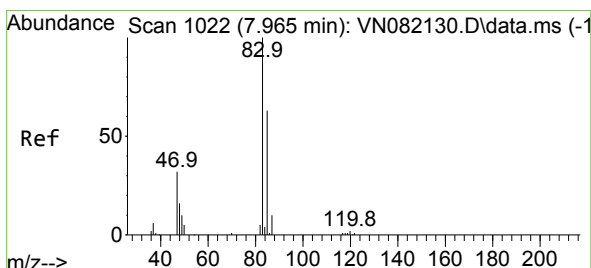
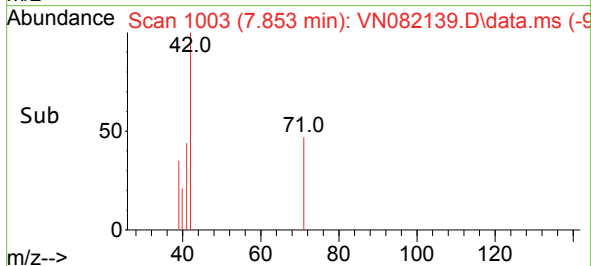
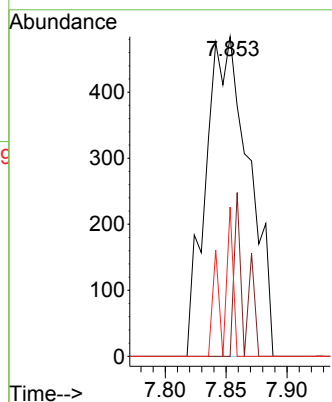
MSVOA\_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 1198  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 11.9  | 39.3  | 58.9# |
| 71       | 4.8   | 37.4  | 56.0# |



#30

Chloroform

Concen: 0.193 ug/l

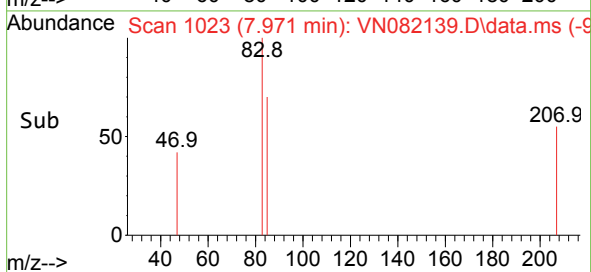
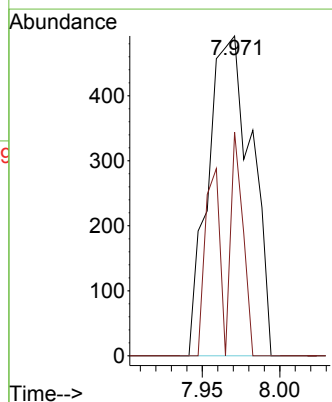
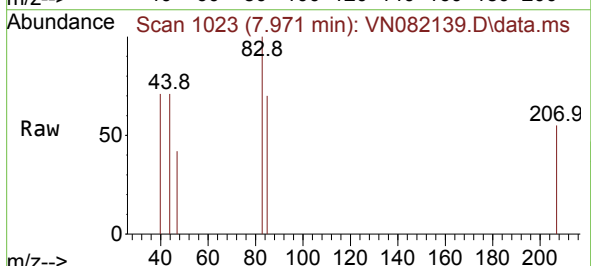
RT: 7.971 min Scan# 1023

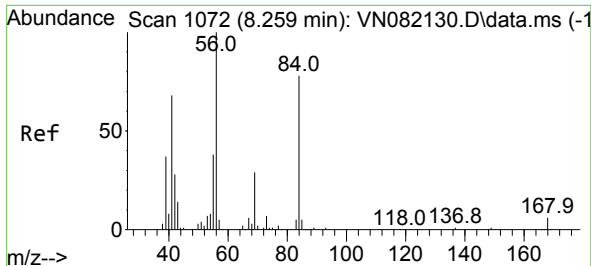
Delta R.T. 0.006 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

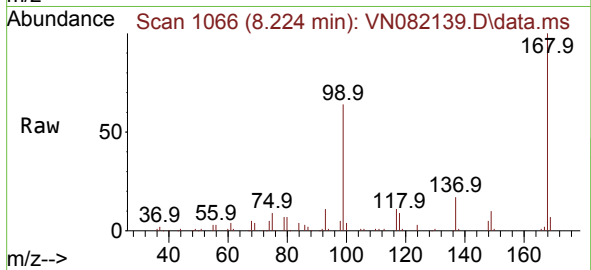
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 958   |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 69.9  | 50.7  | 76.1  |



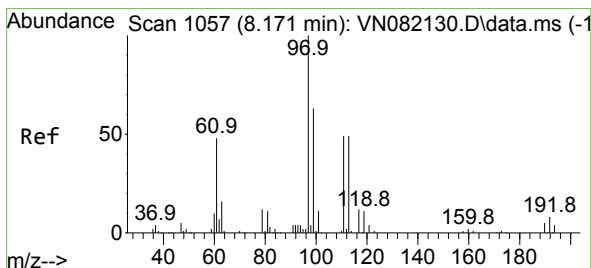
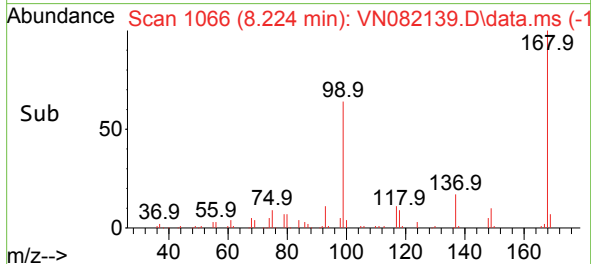
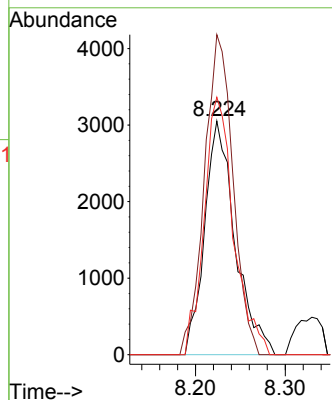


#31  
Cyclohexane  
Concen: 1.380 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.035 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

Instrument :  
MSVOA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

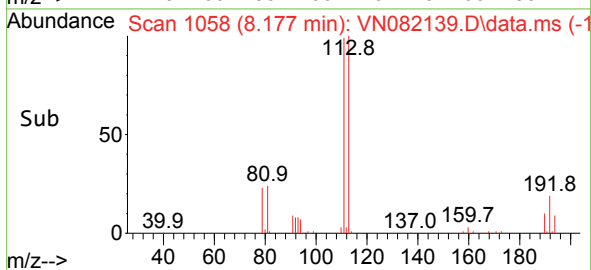
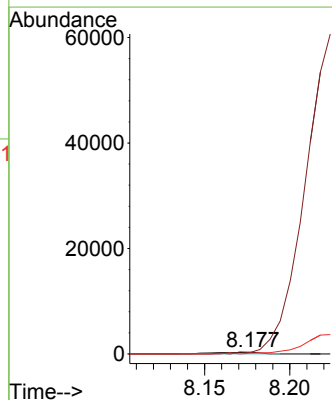
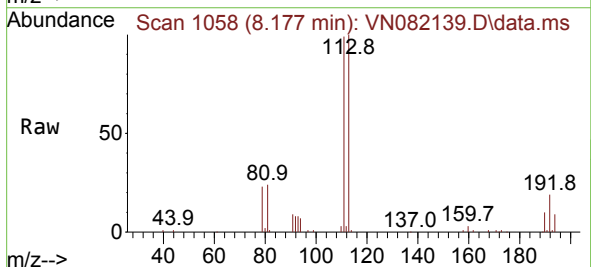


Tgt Ion: 56 Resp: 7200  
Ion Ratio Lower Upper  
56 100  
69 137.0 24.4 36.6#  
84 110.2 77.0 115.4



#32  
1,1,1-Trichloroethane  
Concen: 0.130 ug/l  
RT: 8.177 min Scan# 1058  
Delta R.T. 0.006 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

Tgt Ion: 97 Resp: 574  
Ion Ratio Lower Upper  
97 100  
99 0.0 50.3 75.5#  
61 0.0 36.6 55.0#





#33

1,2-Dichloroethane-d4

Concen: 50.003 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

Instrument :

MSVOA\_N

ClientSampleId :

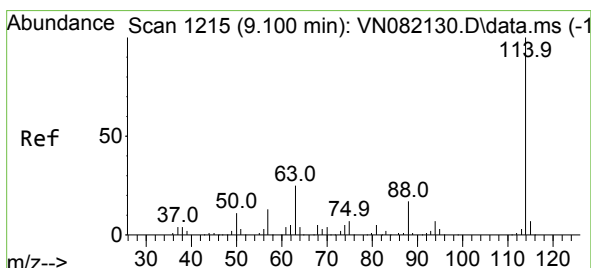
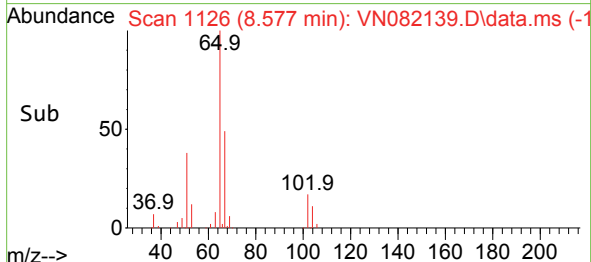
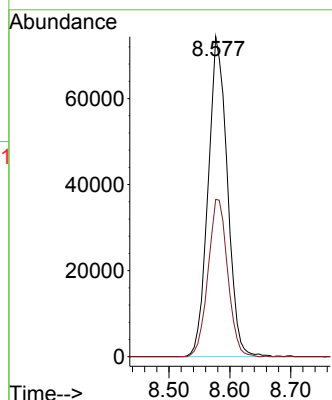
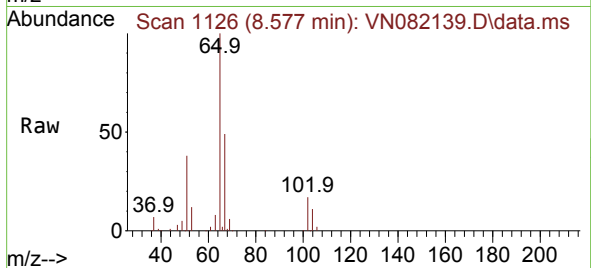
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 65 Resp: 163293

Ion Ratio Lower Upper

65 100

67 50.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

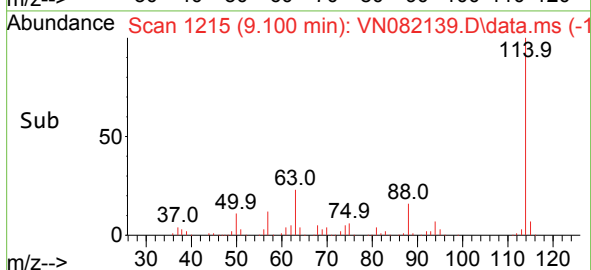
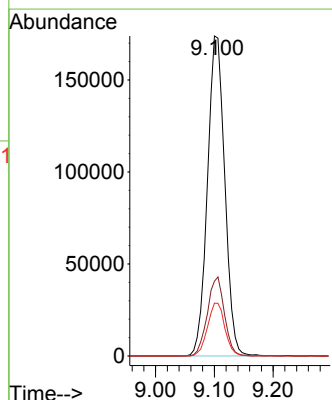
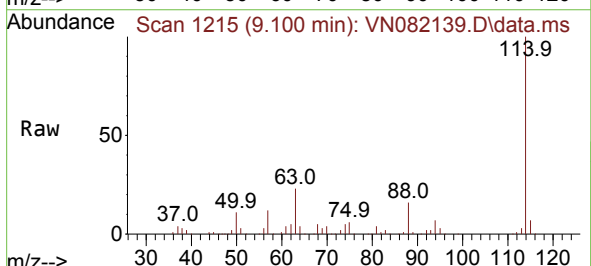
Tgt Ion: 114 Resp: 356884

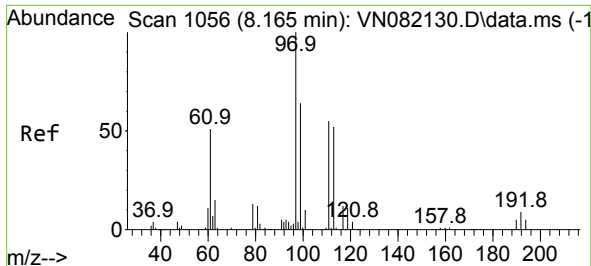
Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.0

88 16.5 0.0 31.4

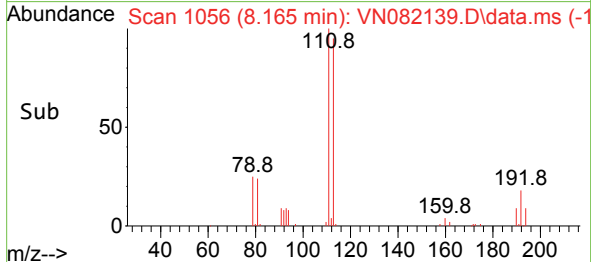
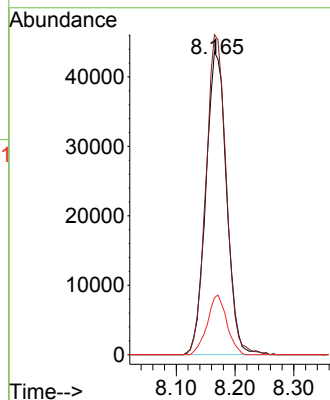
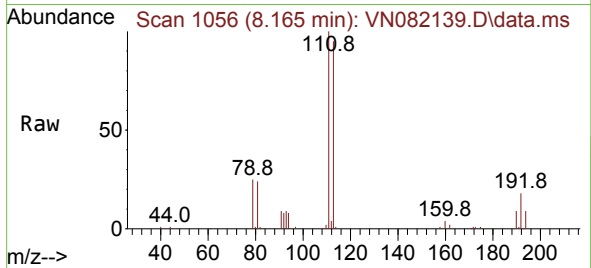




#35  
Dibromofluoromethane  
Concen: 48.772 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

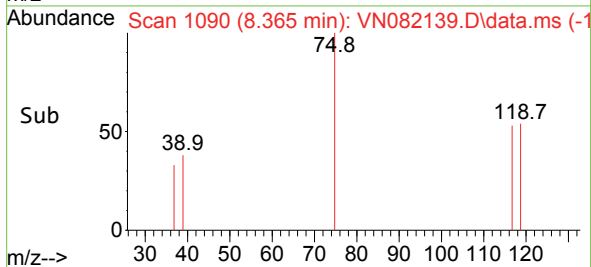
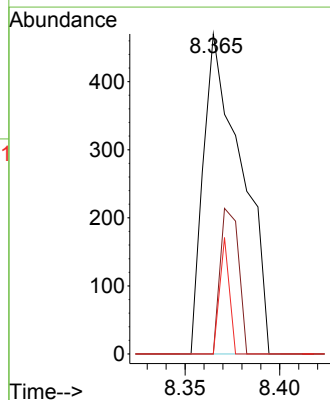
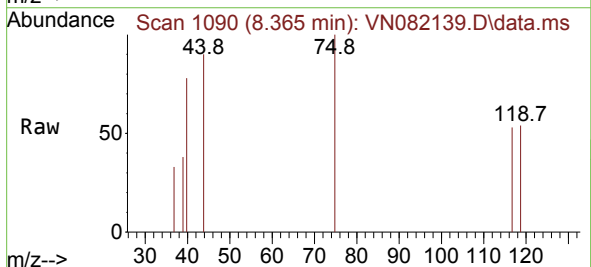
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

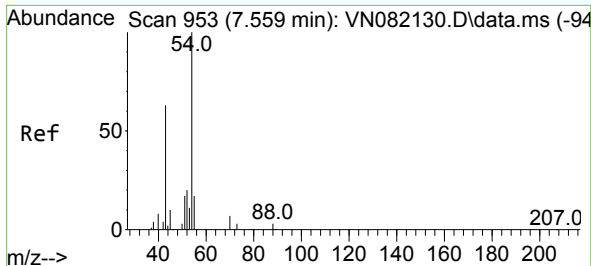
Tgt Ion:113 Resp: 107073  
Ion Ratio Lower Upper  
113 100  
111 103.4 83.4 125.2  
192 18.5 14.0 21.0



#36  
1,1-Dichloropropene  
Concen: 0.179 ug/l  
RT: 8.365 min Scan# 1090  
Delta R.T. -0.006 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

Tgt Ion: 75 Resp: 658  
Ion Ratio Lower Upper  
75 100  
110 21.9 17.8 53.5  
77 9.1 25.0 37.4#

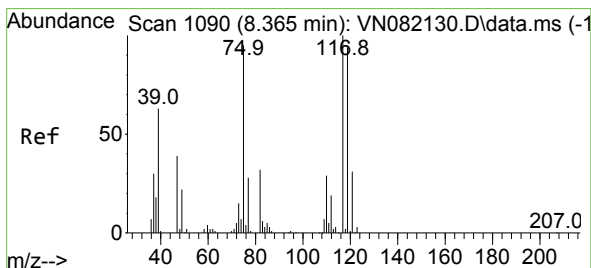
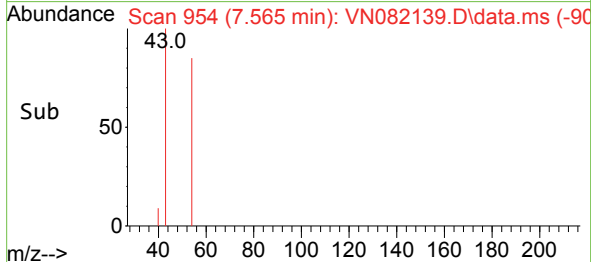
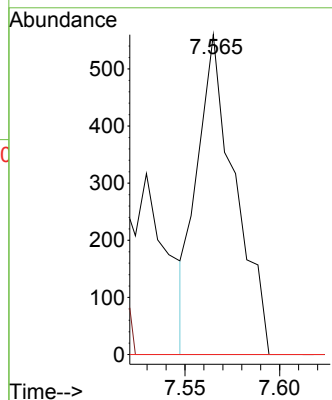
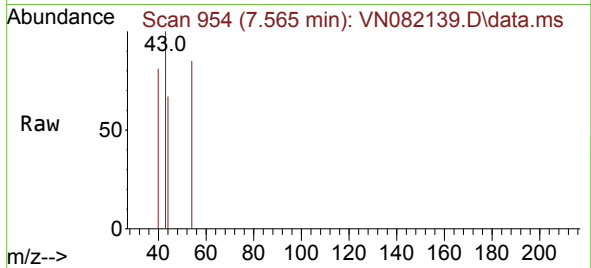




#37  
Ethyl Acetate  
Concen: 0.188 ug/l  
RT: 7.565 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

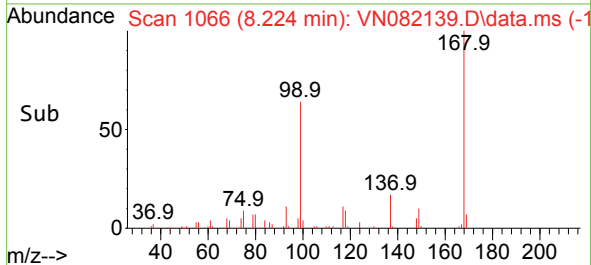
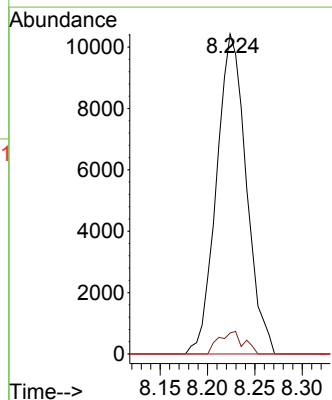
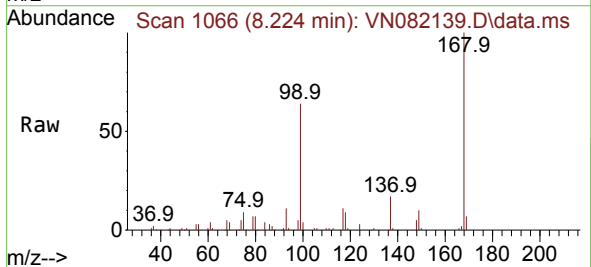
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

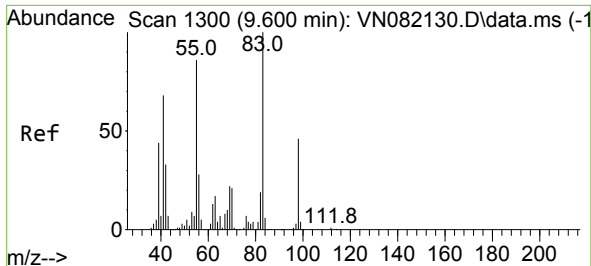
Tgt Ion: 43 Resp: 775  
Ion Ratio Lower Upper  
43 100  
61 0.0 11.3 16.9#  
70 0.0 8.7 13.1#



#38  
Carbon Tetrachloride  
Concen: 6.102 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.141 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

Tgt Ion: 117 Resp: 22777  
Ion Ratio Lower Upper  
117 100  
119 6.5 76.5 114.7#  
121 0.0 23.9 35.9#





#39

Methylcyclohexane

Concen: 0.167 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN082139.D

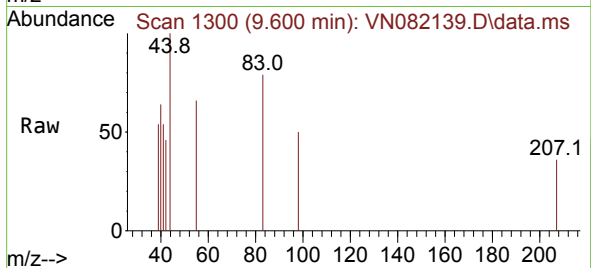
Acq: 15 May 2024 18:26

Instrument :

MSVOA\_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



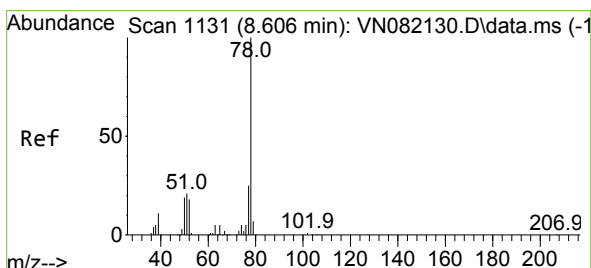
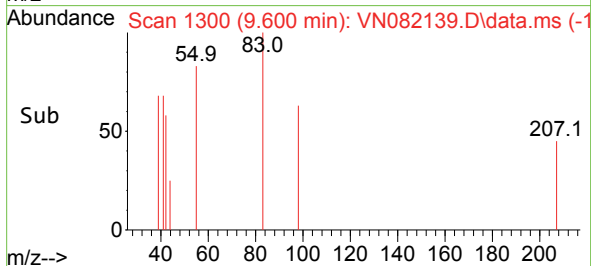
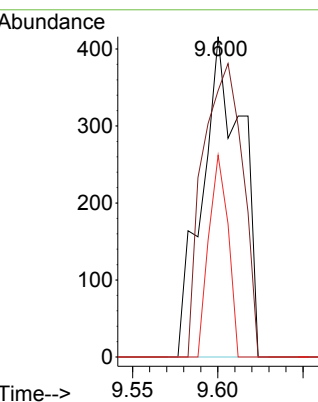
Tgt Ion: 83 Resp: 674

Ion Ratio Lower Upper

83 100

55 83.2 53.0 79.6#

98 63.0 37.1 55.7#



#40

Benzene

Concen: 0.183 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN082139.D

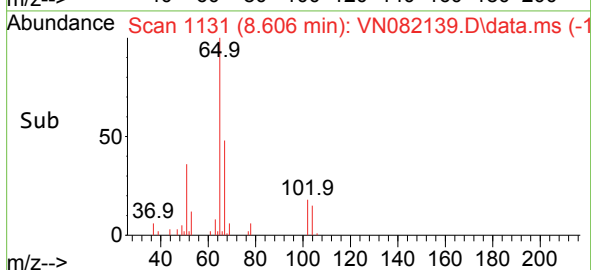
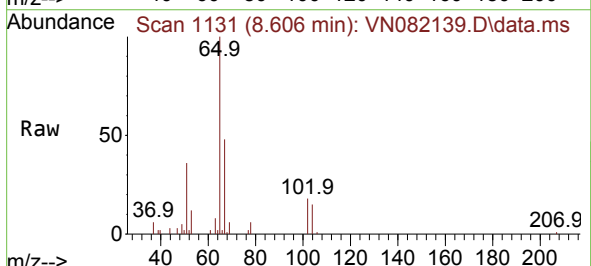
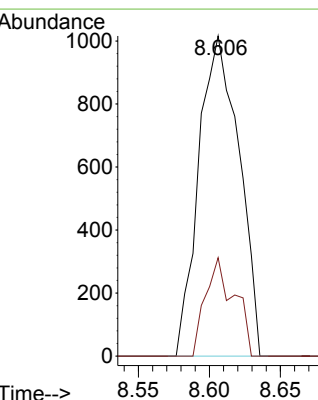
Acq: 15 May 2024 18:26

Tgt Ion: 78 Resp: 2005

Ion Ratio Lower Upper

78 100

77 30.7 20.0 30.0#

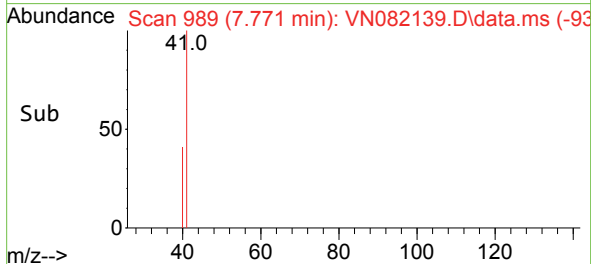
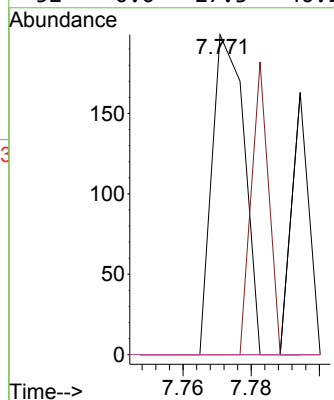
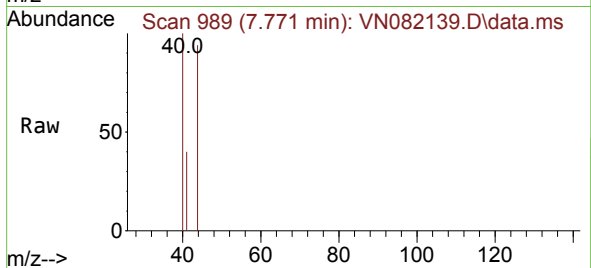




#41  
Methacrylonitrile  
Concen: 0.054 ug/l  
RT: 7.771 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

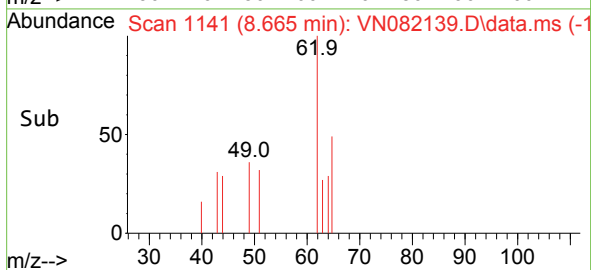
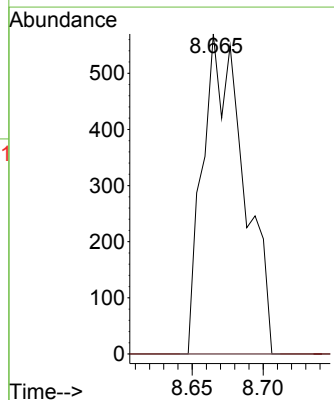
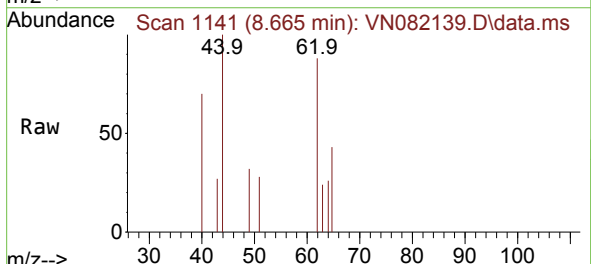
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

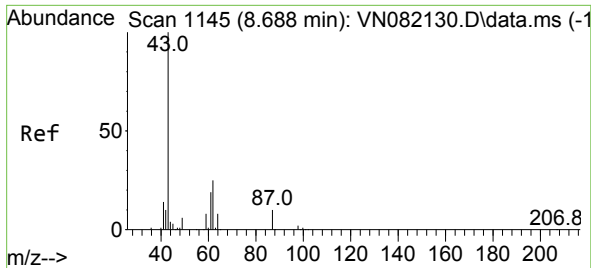
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 130    |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 0.0   | 46.6  | 69.8#  |
| 67       | 0.0   | 67.3  | 100.9# |
| 52       | 0.0   | 27.3  | 40.9#  |



#42  
1,2-Dichloroethane  
Concen: 0.271 ug/l  
RT: 8.665 min Scan# 1141  
Delta R.T. -0.006 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 1146  |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 0.0   | 0.0   | 19.6  |

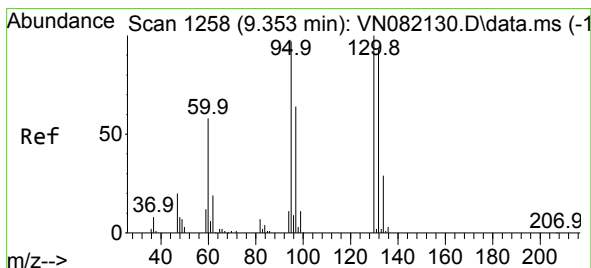
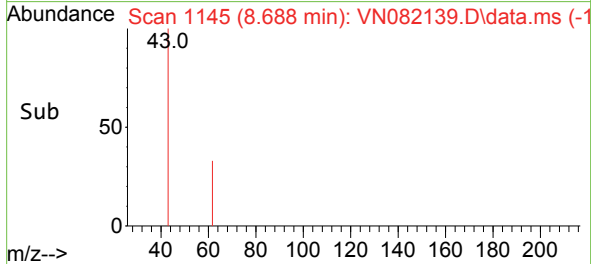
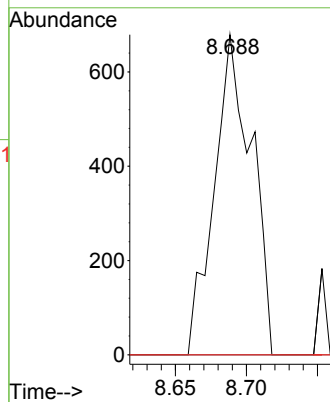
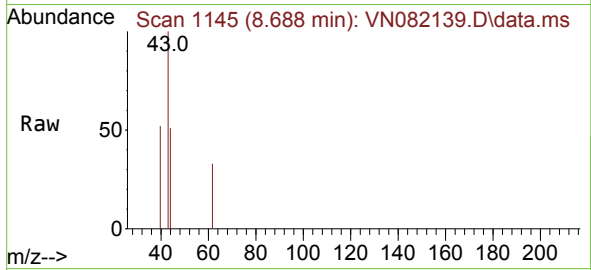




#43  
Isopropyl Acetate  
Concen: 0.171 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

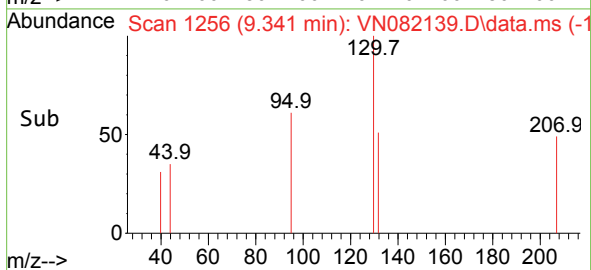
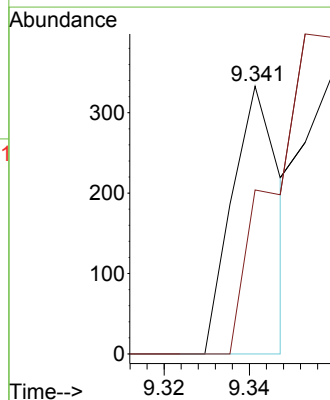
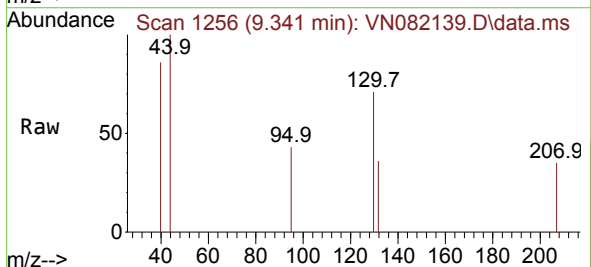
Instrument : MSVOA\_N  
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 43 Resp: 1245  
Ion Ratio Lower Upper  
43 100  
61 0.0 22.8 34.2#  
87 0.0 12.0 18.0#



#44  
Trichloroethene  
Concen: 0.104 ug/l  
RT: 9.341 min Scan# 1256  
Delta R.T. -0.012 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

Tgt Ion:130 Resp: 260  
Ion Ratio Lower Upper  
130 100  
95 61.3 0.0 195.4





#45

1,2-Dichloropropane

Concen: 0.167 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

Instrument :

MSVOA\_N

ClientSampleId :

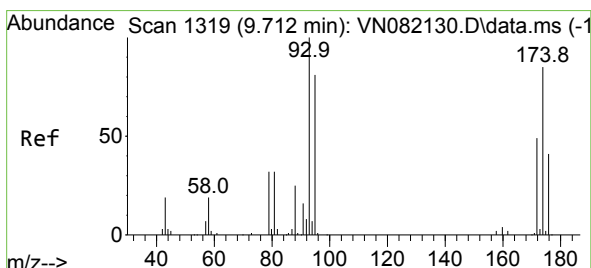
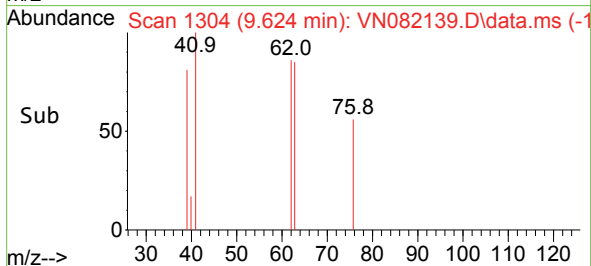
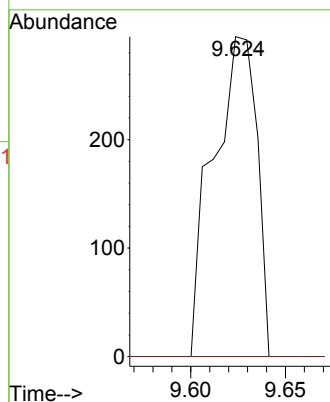
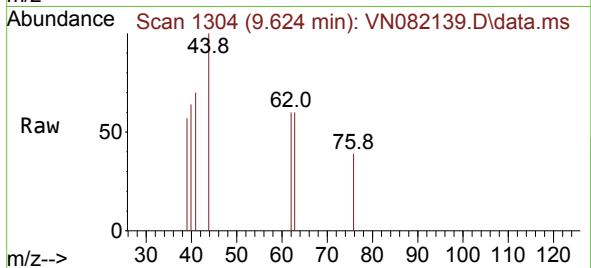
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 63 Resp: 474

Ion Ratio Lower Upper

63 100

65 0.0 24.1 36.1#



#46

Dibromomethane

Concen: 0.063 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

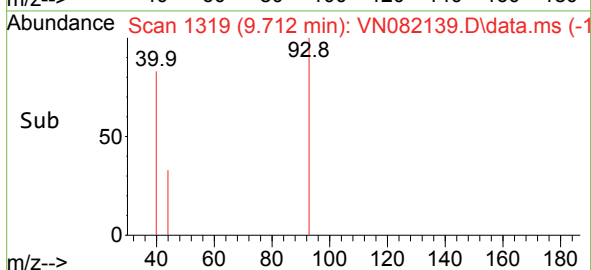
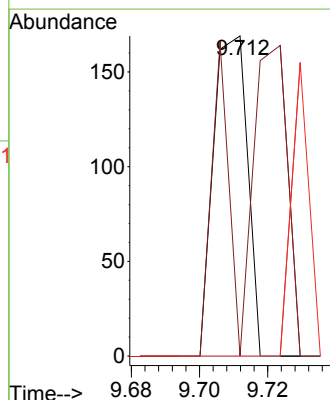
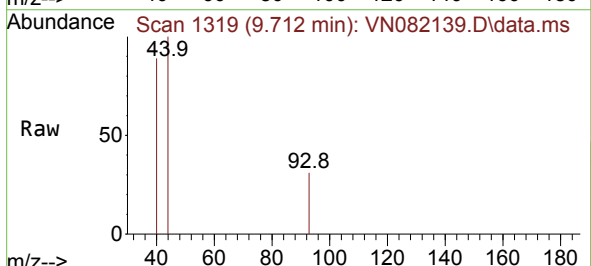
Tgt Ion: 93 Resp: 117

Ion Ratio Lower Upper

93 100

95 147.0 64.8 97.2#

174 0.0 73.4 110.0#





#47

Bromodichloromethane

Concen: 0.138 ug/l

RT: 9.888 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

Instrument :

MSVOA\_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

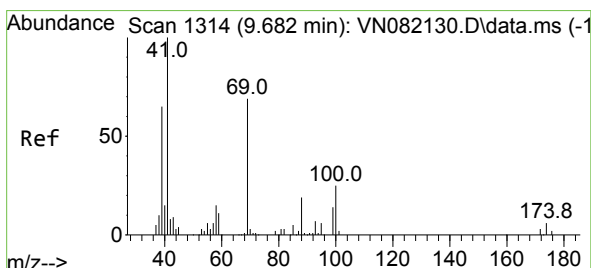
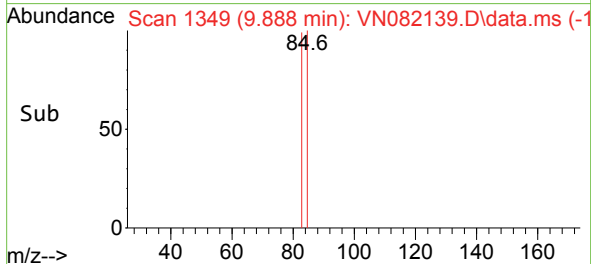
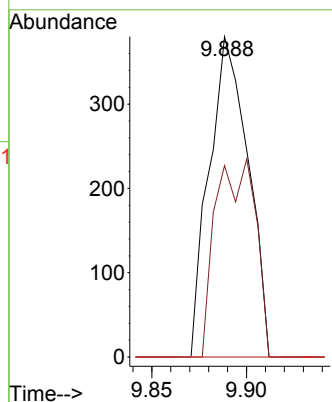
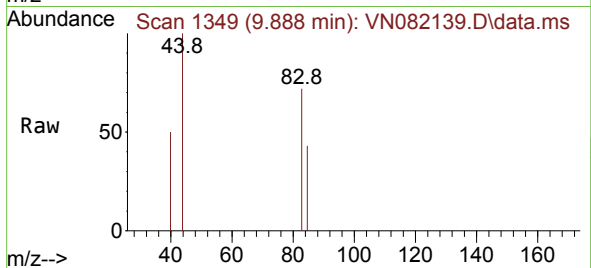
Tgt Ion: 83 Resp: 543

Ion Ratio Lower Upper

83 100

85 59.7 51.9 77.9

127 0.0 7.5 11.3#



#48

Methyl methacrylate

Concen: 0.146 ug/l

RT: 9.671 min Scan# 1312

Delta R.T. -0.012 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

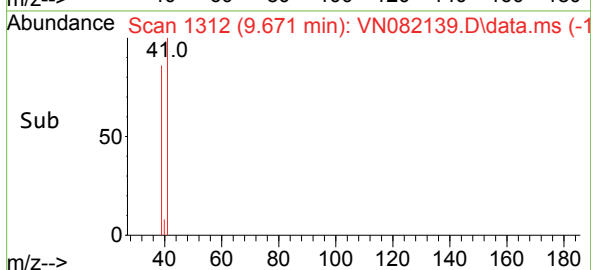
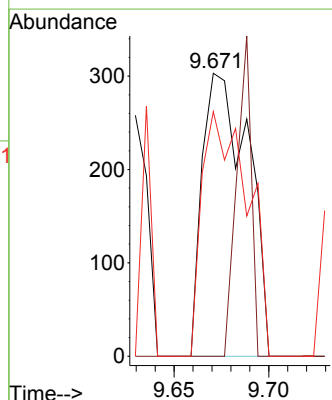
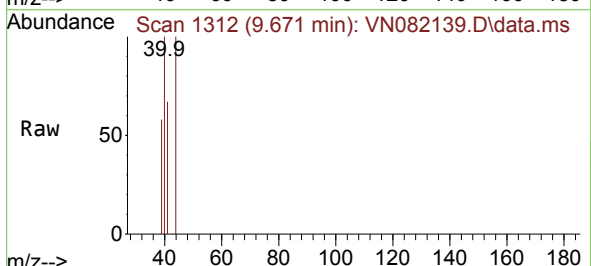
Tgt Ion: 41 Resp: 509

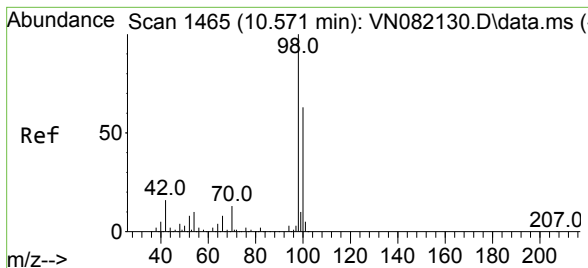
Ion Ratio Lower Upper

41 100

69 36.0 77.9 116.9#

39 86.4 50.9 76.3#

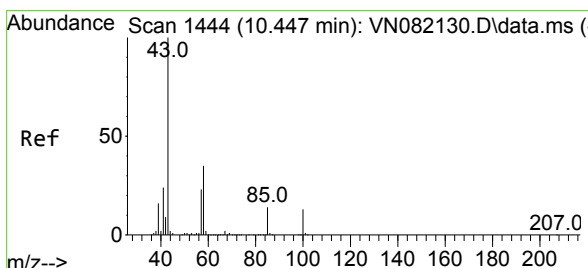
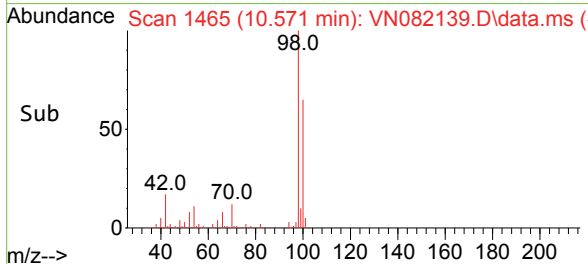
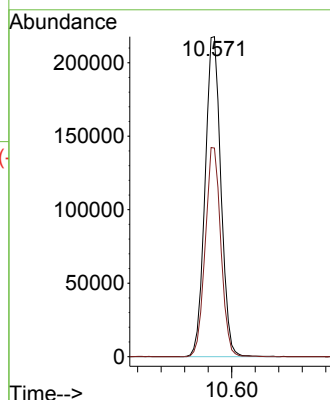
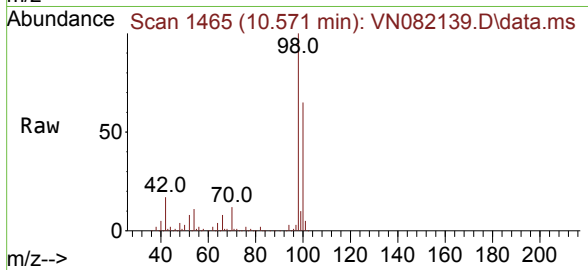




#50  
Toluene-d8  
Concen: 48.331 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

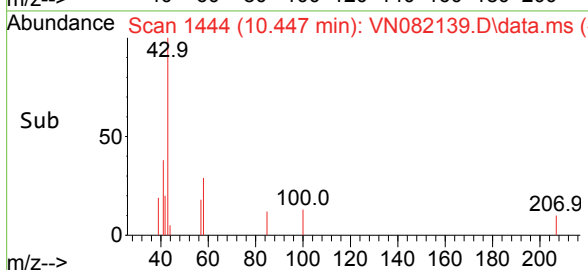
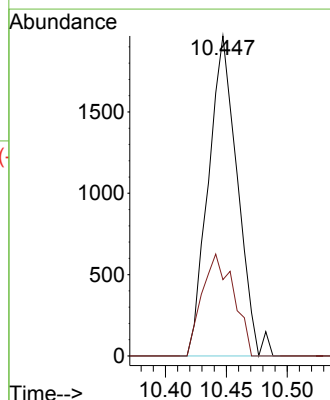
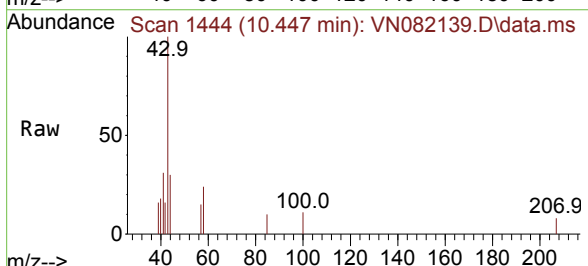
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

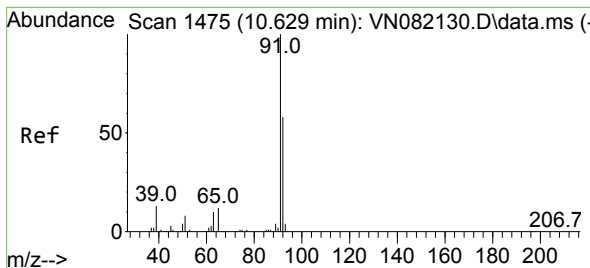
Tgt Ion: 98 Resp: 406803  
Ion Ratio Lower Upper  
98 100  
100 64.4 51.8 77.6



#51  
4-Methyl-2-Pentanone  
Concen: 0.787 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

Tgt Ion: 43 Resp: 3263  
Ion Ratio Lower Upper  
43 100  
58 34.7 33.2 49.8





#52

Toluene

Concen: 0.160 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN082139.D

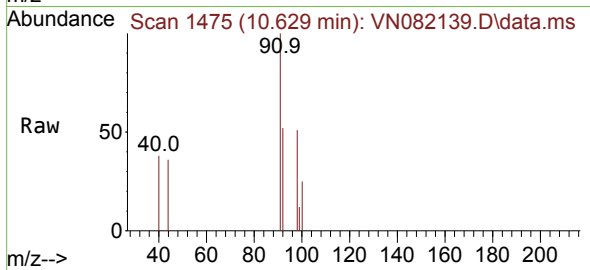
Acq: 15 May 2024 18:26

Instrument :

MSVOA\_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

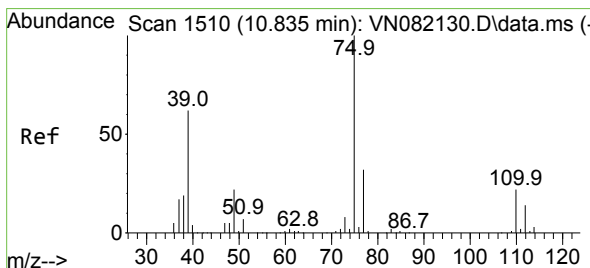
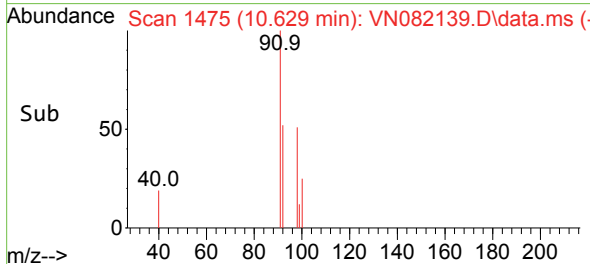
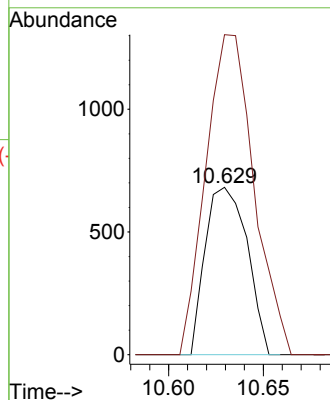


Tgt Ion: 92 Resp: 1051

Ion Ratio Lower Upper

92 100

91 219.4 136.7 205.1#



#53

t-1,3-Dichloropropene

Concen: 0.147 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN082139.D

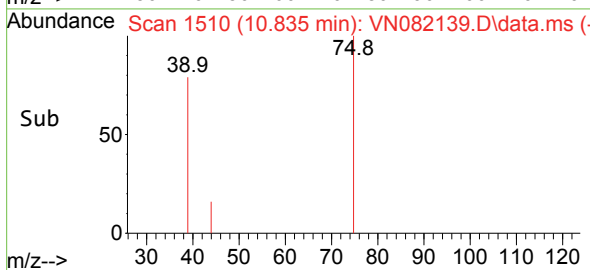
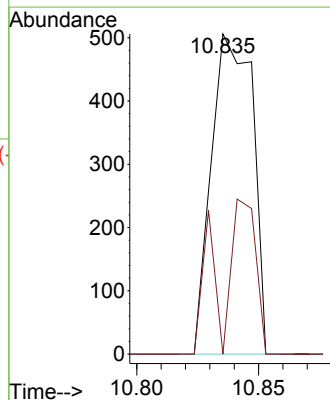
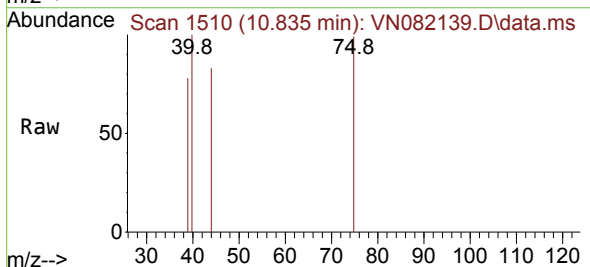
Acq: 15 May 2024 18:26

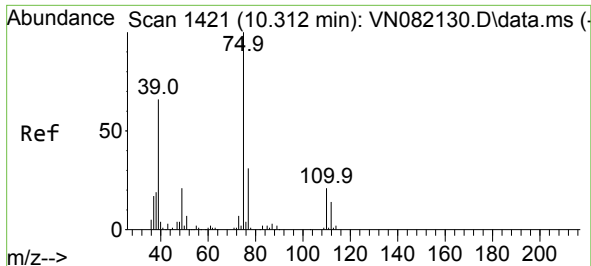
Tgt Ion: 75 Resp: 595

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

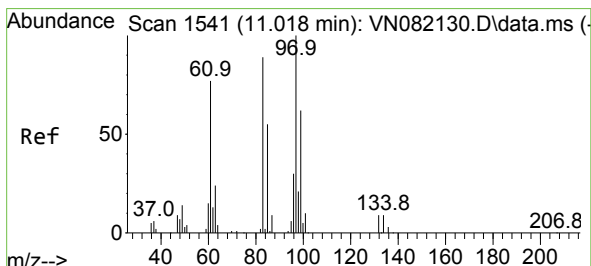
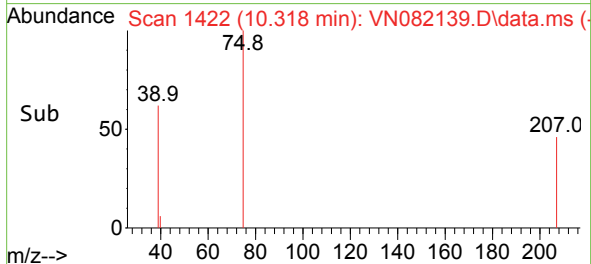
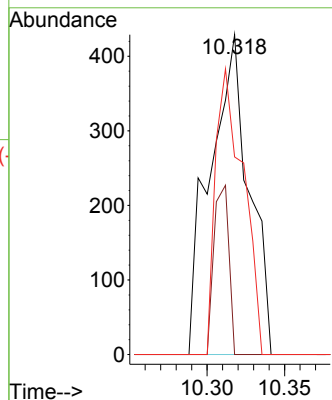
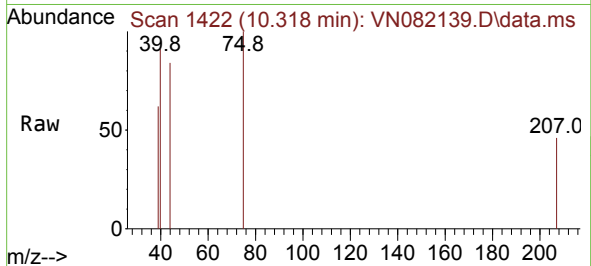




#54  
cis-1,3-Dichloropropene  
Concen: 0.174 ug/l  
RT: 10.318 min Scan# 1422  
Delta R.T. 0.006 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

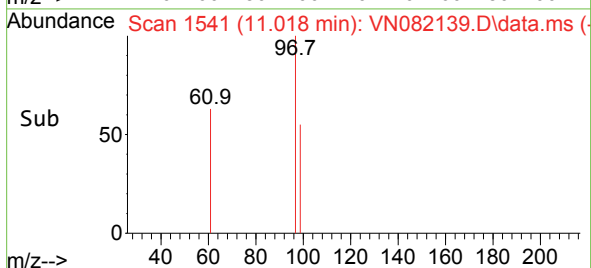
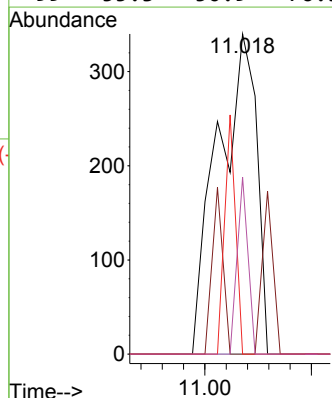
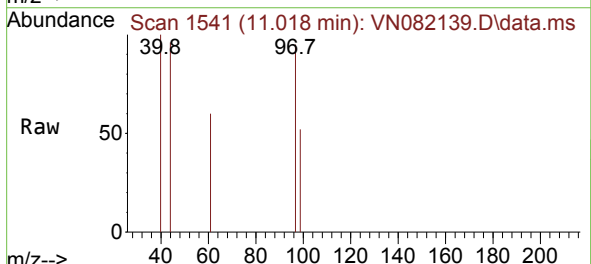
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

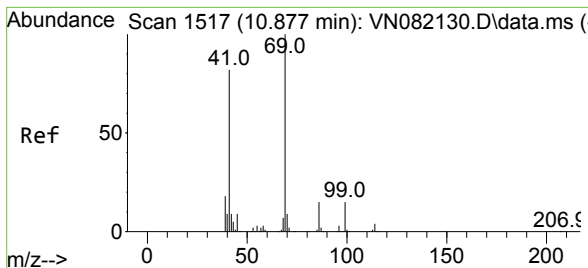
Tgt Ion: 75 Resp: 750  
Ion Ratio Lower Upper  
75 100  
77 0.0 25.0 37.4#  
39 61.8 34.8 52.2#



#55  
1,1,2-Trichloroethane  
Concen: 0.179 ug/l  
RT: 11.018 min Scan# 1541  
Delta R.T. 0.000 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

Tgt Ion: 97 Resp: 429  
Ion Ratio Lower Upper  
97 100  
83 0.0 70.4 105.6#  
85 0.0 45.6 68.4#  
99 55.3 50.9 76.3





#56

Ethyl methacrylate

Concen: 0.150 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.006 min

Lab File: VN082139.D

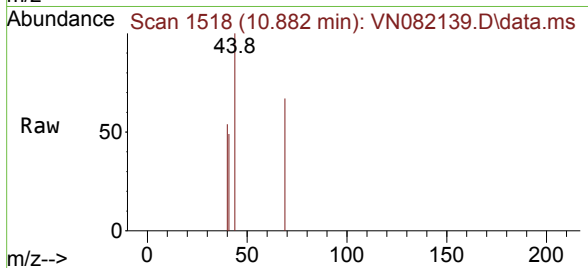
Acq: 15 May 2024 18:26

Instrument :

MSVOA\_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



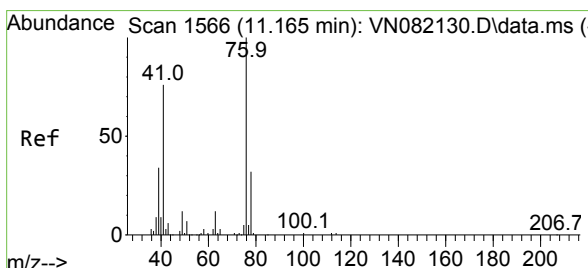
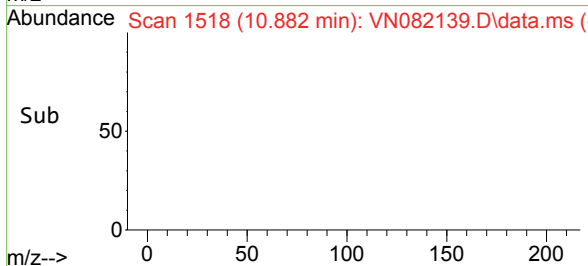
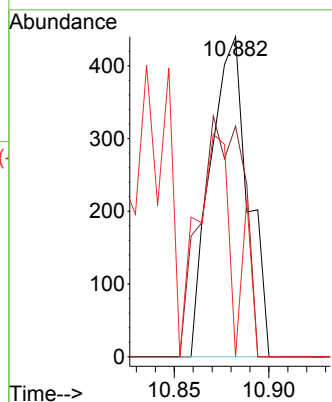
Tgt Ion: 69 Resp: 609

Ion Ratio Lower Upper

69 100

41 87.5 46.6 70.0#

39 69.0 26.5 39.7#



#57

1,3-Dichloropropane

Concen: 0.180 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VN082139.D

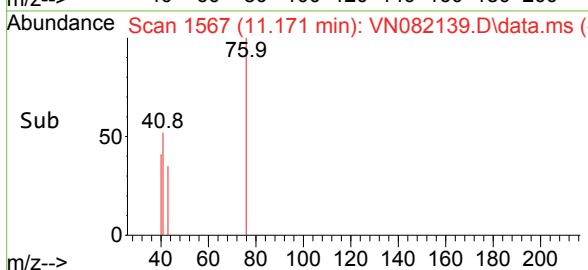
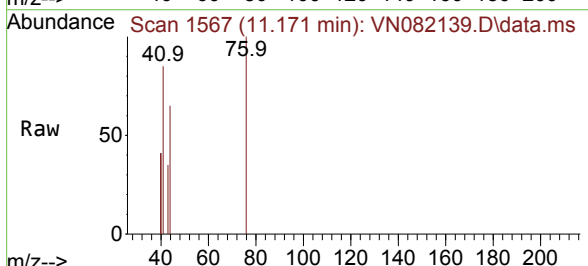
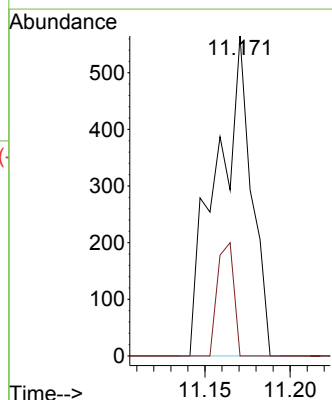
Acq: 15 May 2024 18:26

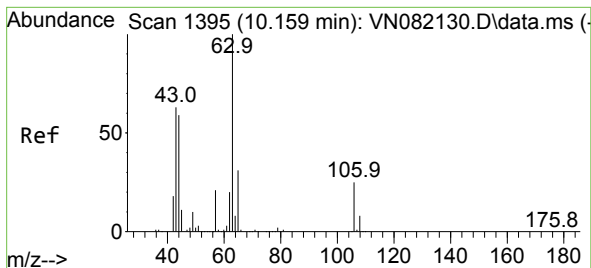
Tgt Ion: 76 Resp: 804

Ion Ratio Lower Upper

76 100

78 16.5 25.8 38.6#

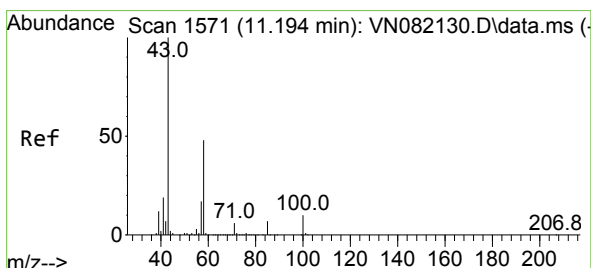
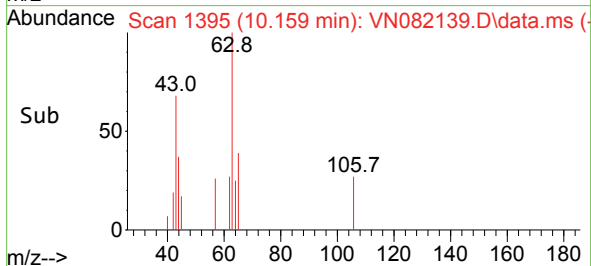
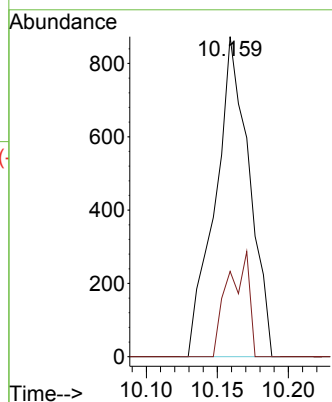
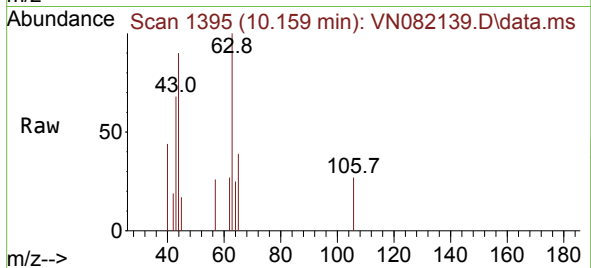




#58  
2-Chloroethyl Vinyl ether  
Concen: 0.691 ug/l  
RT: 10.159 min Scan# 1395  
Delta R.T. 0.000 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

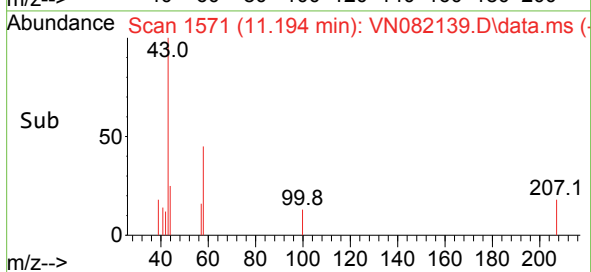
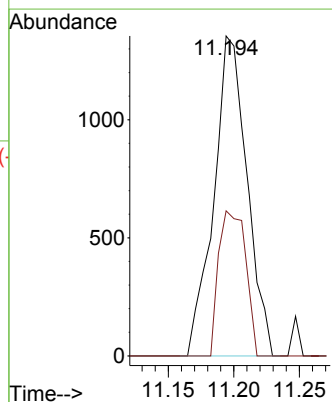
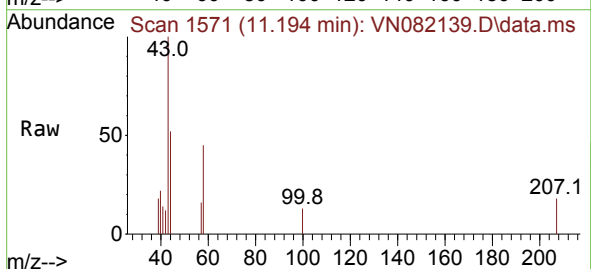
Instrument : MSVOA\_N  
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

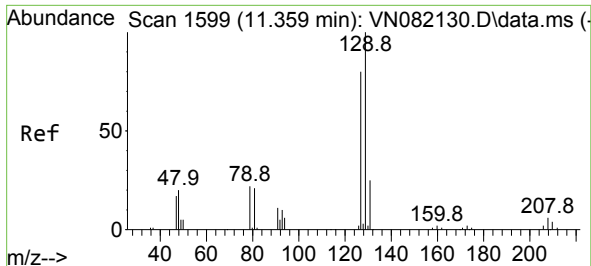
Tgt Ion: 63 Resp: 1450  
Ion Ratio Lower Upper  
63 100  
106 20.7 24.6 36.8#



#59  
2-Hexanone  
Concen: 0.786 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. 0.000 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

Tgt Ion: 43 Resp: 2386  
Ion Ratio Lower Upper  
43 100  
58 36.8 28.3 84.9

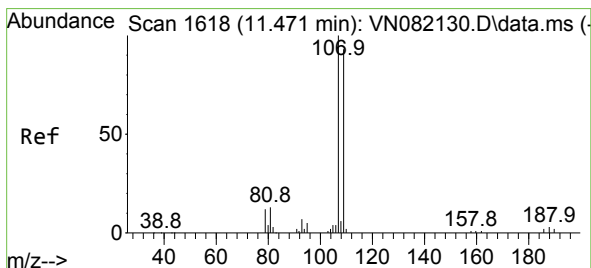
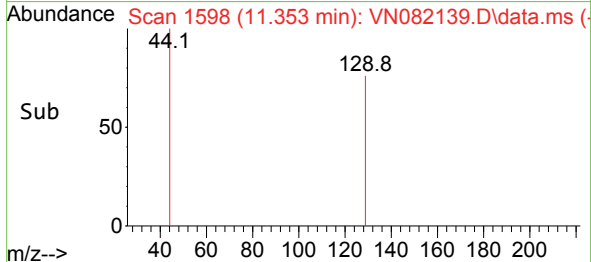
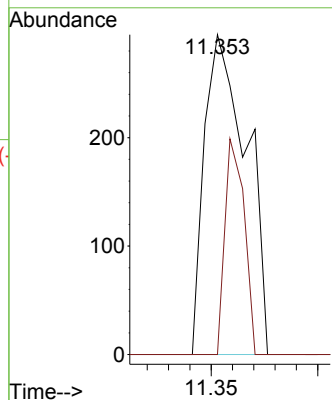
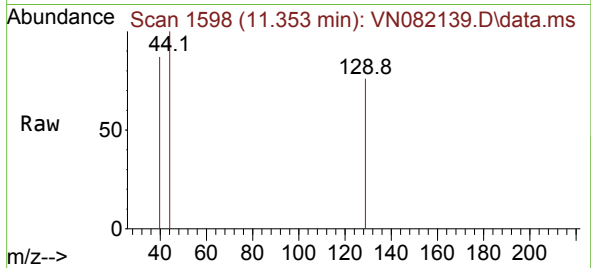




#60  
Dibromochloromethane  
Concen: 0.153 ug/l  
RT: 11.353 min Scan# 1598  
Delta R.T. -0.006 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

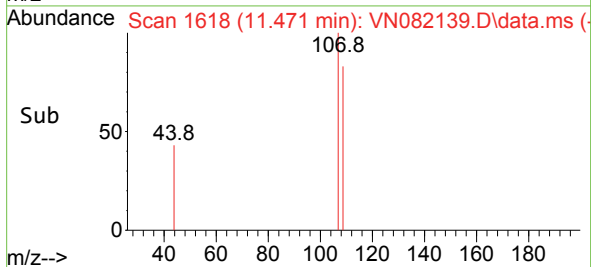
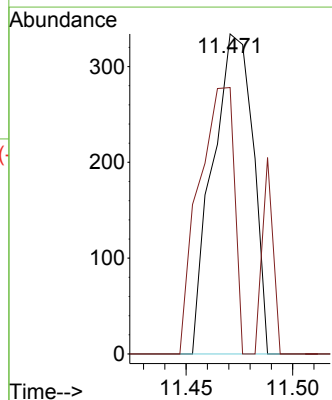
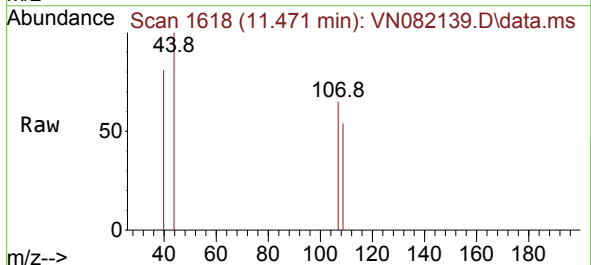
Instrument : MSVOA\_N  
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

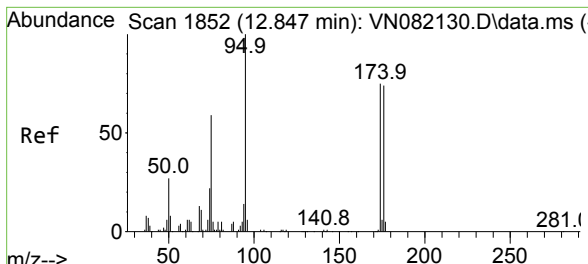
Tgt Ion:129 Resp: 404  
Ion Ratio Lower Upper  
129 100  
127 30.7 38.3 114.8#



#61  
1,2-Dibromoethane  
Concen: 0.179 ug/l  
RT: 11.471 min Scan# 1618  
Delta R.T. 0.000 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

Tgt Ion:107 Resp: 440  
Ion Ratio Lower Upper  
107 100  
109 73.0 75.8 113.6#

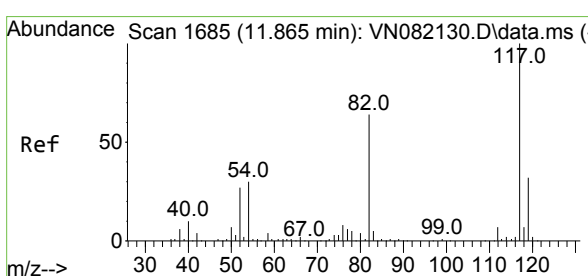
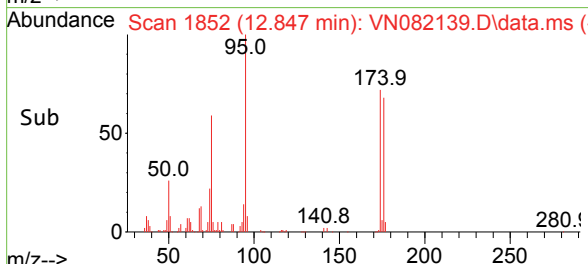
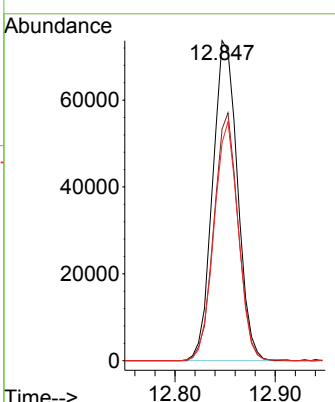
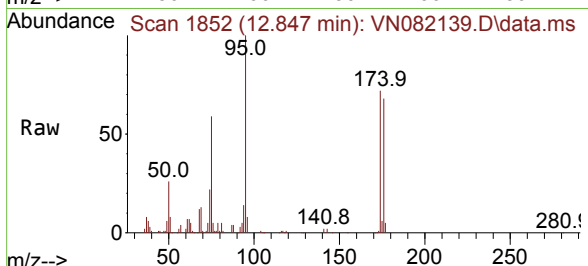




#62  
 4-Bromofluorobenzene  
 Concen: 42.247 ug/l  
 RT: 12.847 min Scan# 1852  
 Delta R.T. 0.000 min  
 Lab File: VN082139.D  
 Acq: 15 May 2024 18:26

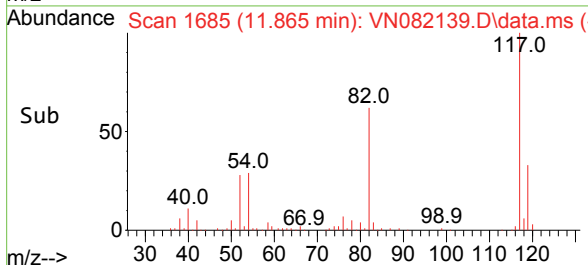
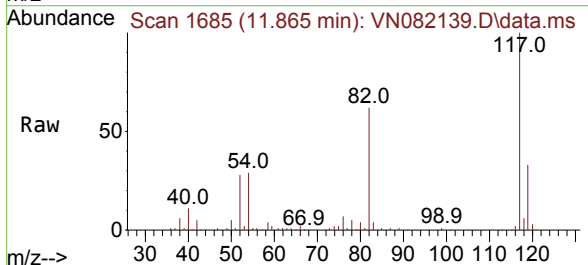
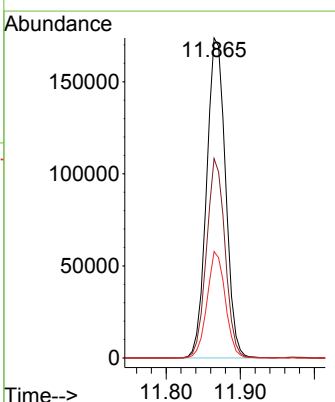
Instrument : MSVOA\_N  
 ClientSampleId : LOD-MDL-WATER-01-QT2-2024

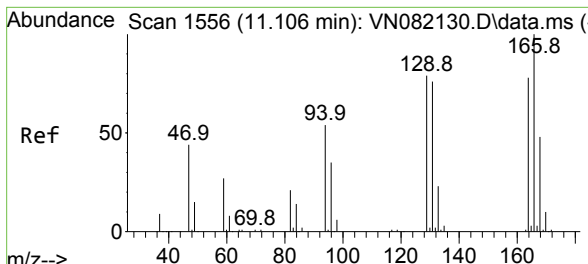
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 95    | Resp: | 126918 |
| Ion Ratio | Lower | Upper |        |
| 95        | 100   |       |        |
| 174       | 75.3  | 0.0   | 160.6  |
| 176       | 72.8  | 0.0   | 152.8  |



#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.865 min Scan# 1685  
 Delta R.T. 0.000 min  
 Lab File: VN082139.D  
 Acq: 15 May 2024 18:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 308349 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 62.3  | 44.6  | 66.8   |
| 119       | 33.3  | 25.9  | 38.9   |

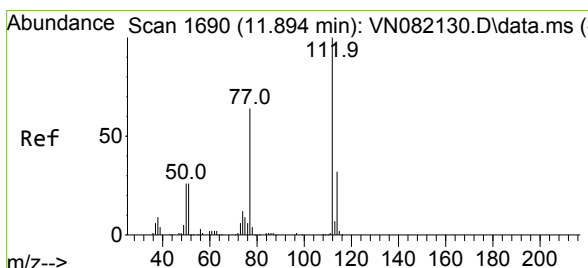
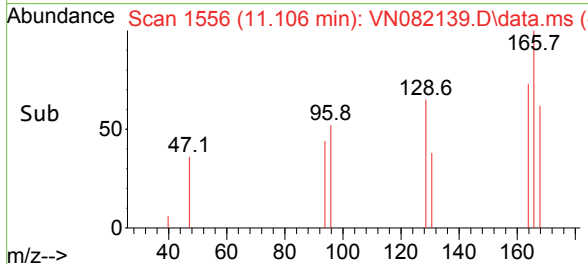
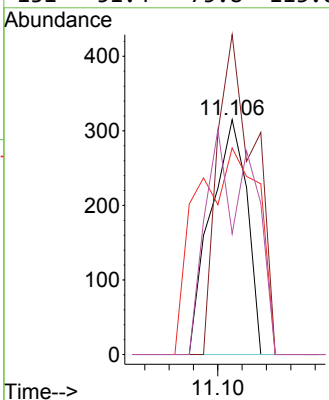
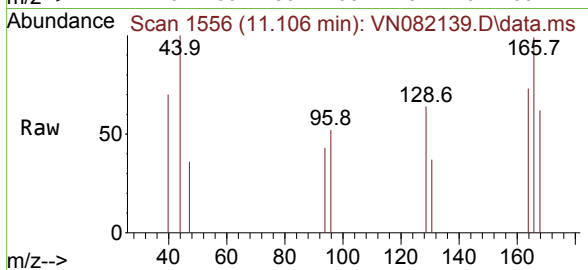




#64  
Tetrachloroethene  
Concen: 0.142 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. 0.000 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

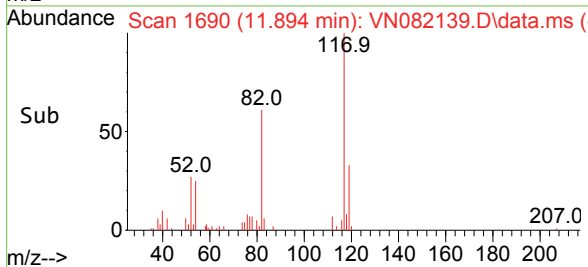
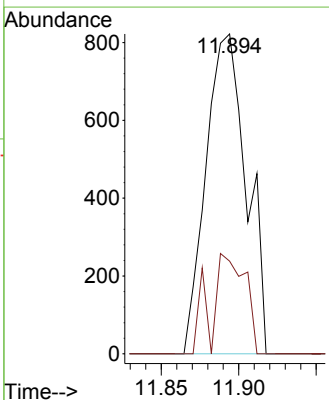
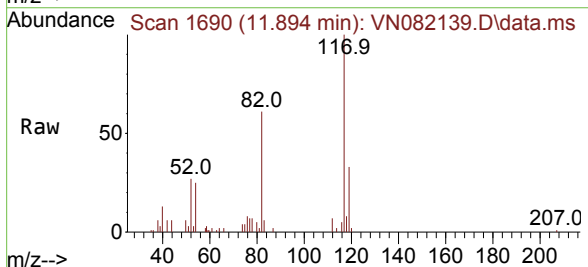
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

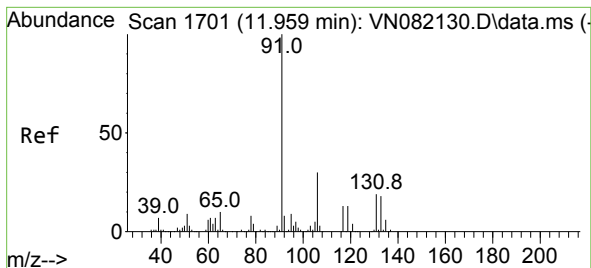
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:164 | Resp: | 325    |
| Ion | Ratio   | Lower | Upper  |
| 164 | 100     |       |        |
| 166 | 136.2   | 97.6  | 146.4  |
| 129 | 87.9    | 73.7  | 110.5  |
| 131 | 51.4    | 75.8  | 113.6# |



#65  
Chlorobenzene  
Concen: 0.219 ug/l  
RT: 11.894 min Scan# 1690  
Delta R.T. 0.000 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:112 | Resp: | 1494  |       |
| Ion         | Ratio | Lower | Upper |
| 112         | 100   |       |       |
| 114         | 29.0  | 25.7  | 38.5  |





#66

1,1,1,2-Tetrachloroethane

Concen: 0.172 ug/l

RT: 11.959 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

Instrument :

MSVOA\_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

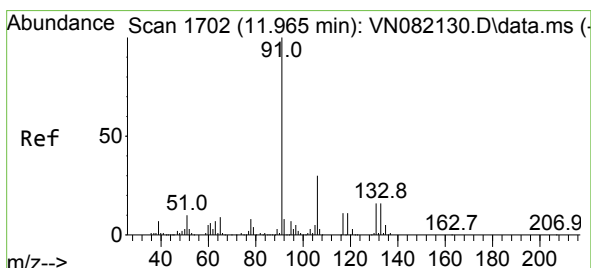
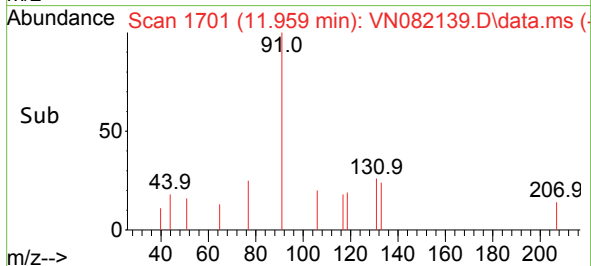
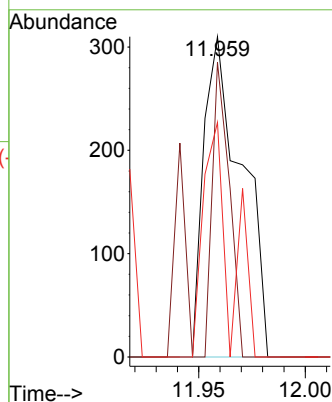
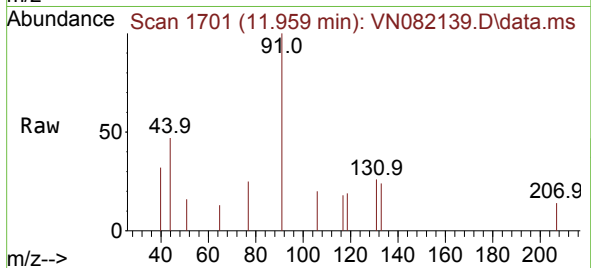
Tgt Ion:131 Resp: 385

Ion Ratio Lower Upper

131 100

133 41.0 47.5 142.6#

119 0.0 32.9 98.7#



#67

Ethyl Benzene

Concen: 0.202 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN082139.D

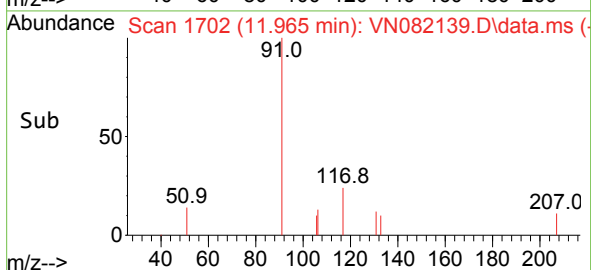
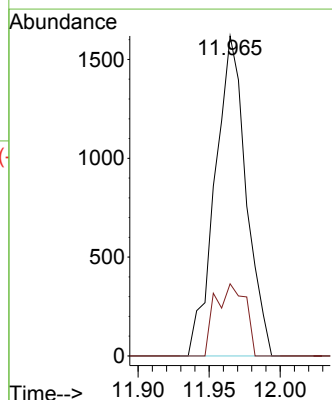
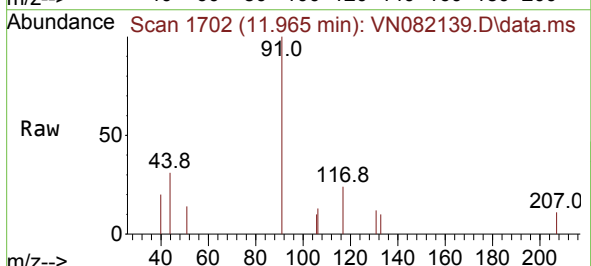
Acq: 15 May 2024 18:26

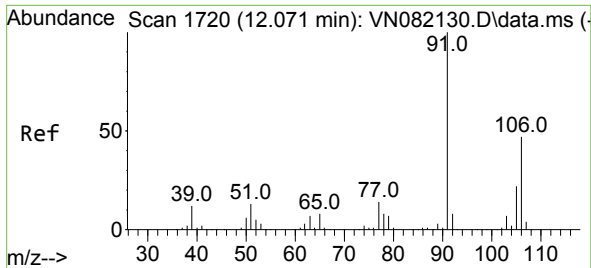
Tgt Ion: 91 Resp: 2463

Ion Ratio Lower Upper

91 100

106 22.5 25.3 37.9#

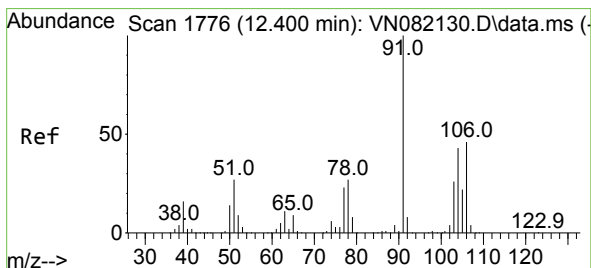
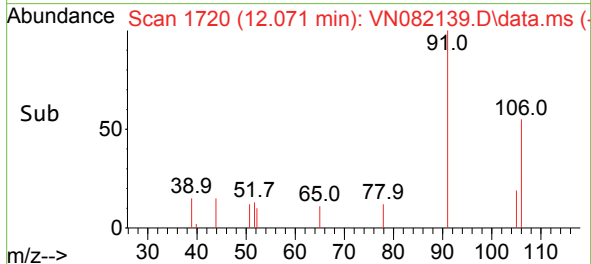
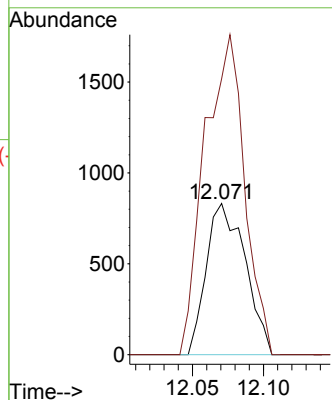
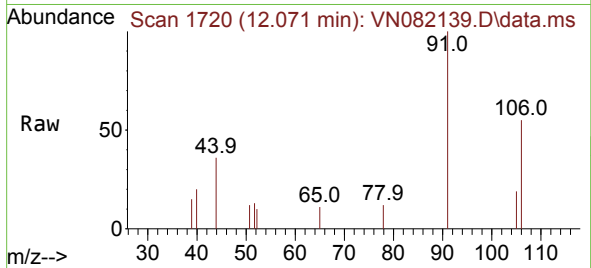




#68  
m/p-Xylenes  
Concen: 0.355 ug/l  
RT: 12.071 min Scan# 1720  
Delta R.T. 0.000 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

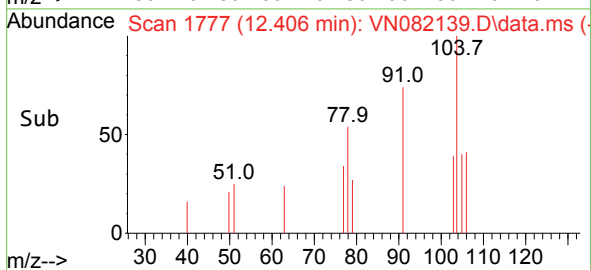
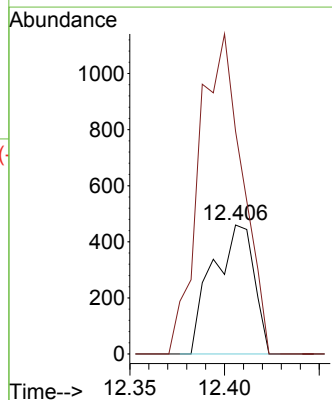
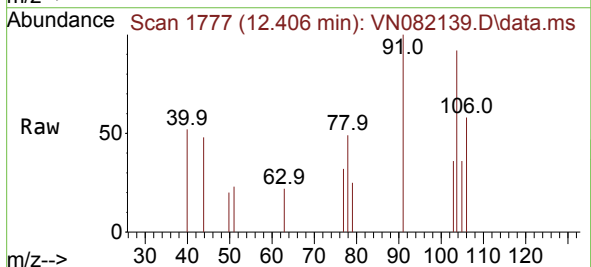
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

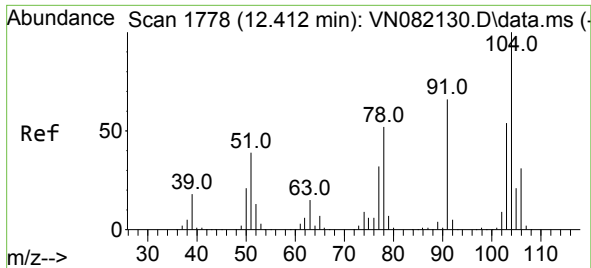
Tgt Ion:106 Resp: 1585  
Ion Ratio Lower Upper  
106 100  
91 216.8 159.4 239.0



#69  
o-Xylene  
Concen: 0.162 ug/l  
RT: 12.406 min Scan# 1777  
Delta R.T. 0.006 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

Tgt Ion:106 Resp: 699  
Ion Ratio Lower Upper  
106 100  
91 258.9 104.7 314.1

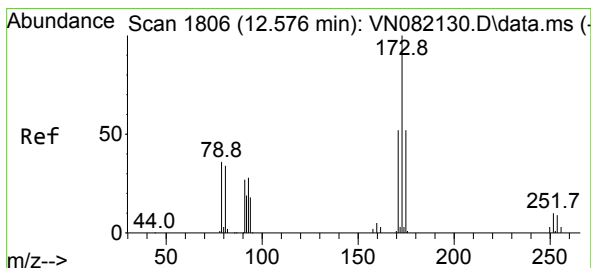
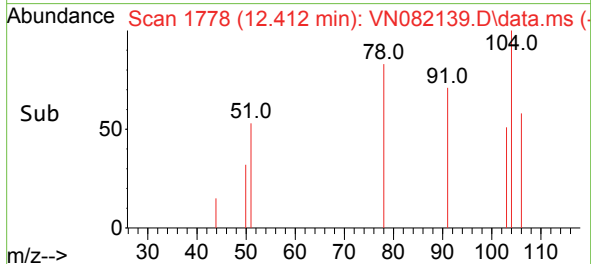
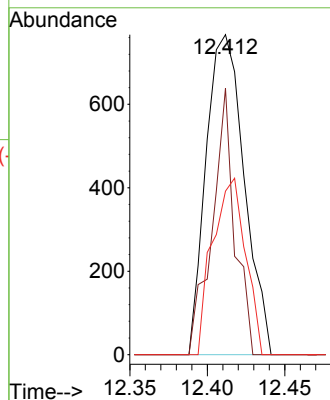
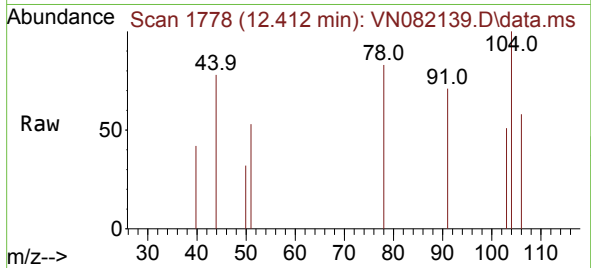




#70  
Styrene  
Concen: 0.183 ug/l  
RT: 12.412 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

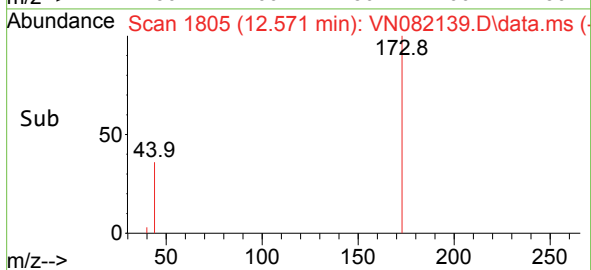
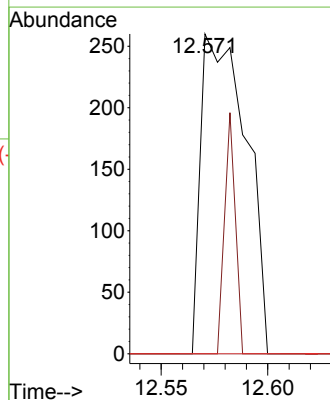
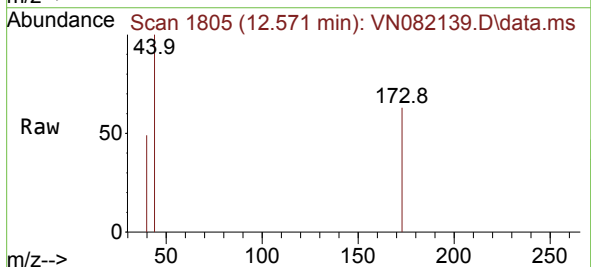
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

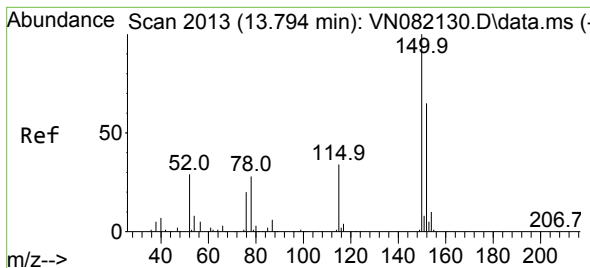
Tgt Ion:104 Resp: 1313  
Ion Ratio Lower Upper  
104 100  
78 49.1 38.6 58.0  
103 47.5 43.8 65.6



#71  
Bromoform  
Concen: 0.238 ug/l  
RT: 12.571 min Scan# 1805  
Delta R.T. -0.005 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

Tgt Ion:173 Resp: 384  
Ion Ratio Lower Upper  
173 100  
175 0.0 24.6 74.0#  
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN082139.D

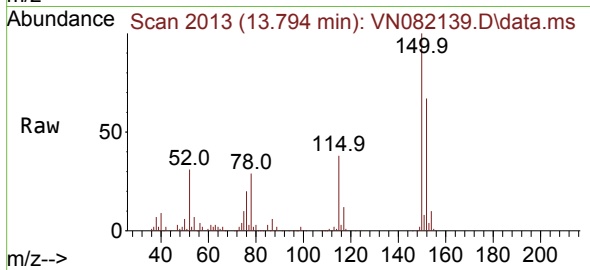
Acq: 15 May 2024 18:26

Instrument :

MSVOA\_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



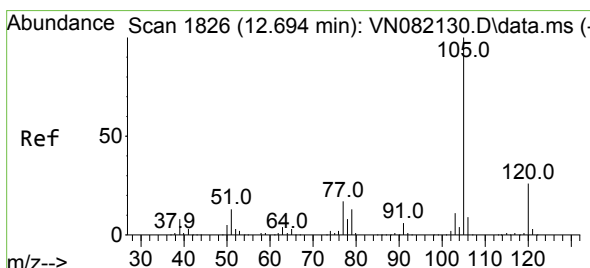
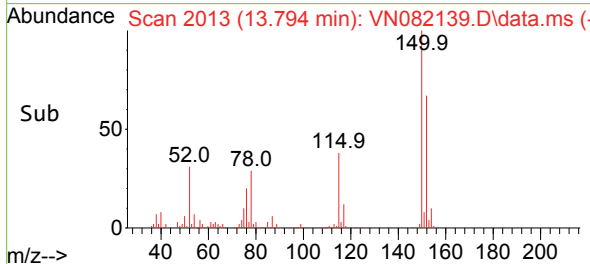
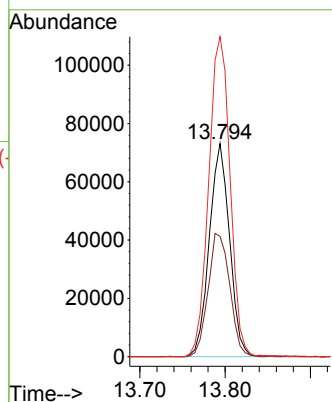
Tgt Ion:152 Resp: 120628

Ion Ratio Lower Upper

152 100

115 61.7 30.4 91.3

150 158.4 0.0 353.2



#73

Isopropylbenzene

Concen: 0.179 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN082139.D

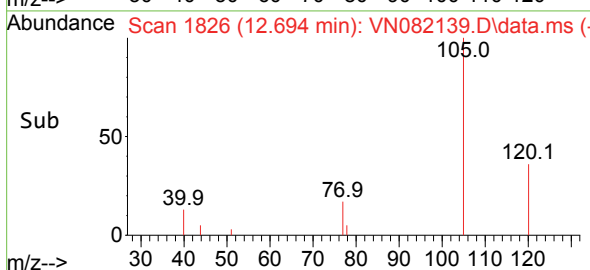
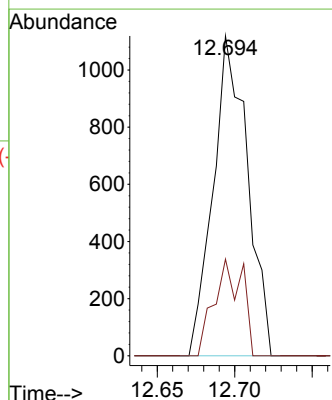
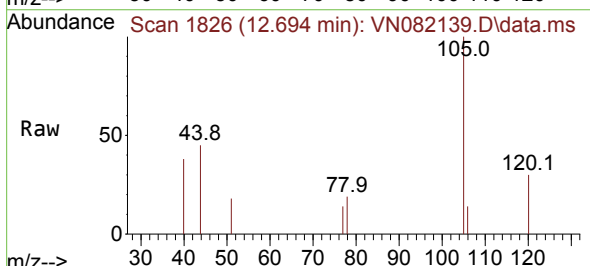
Acq: 15 May 2024 18:26

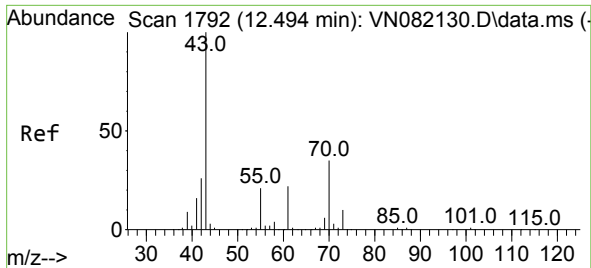
Tgt Ion:105 Resp: 1719

Ion Ratio Lower Upper

105 100

120 24.7 13.4 40.1

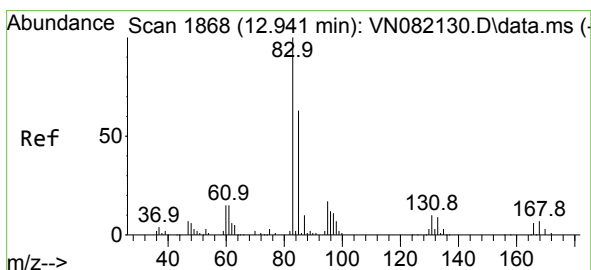
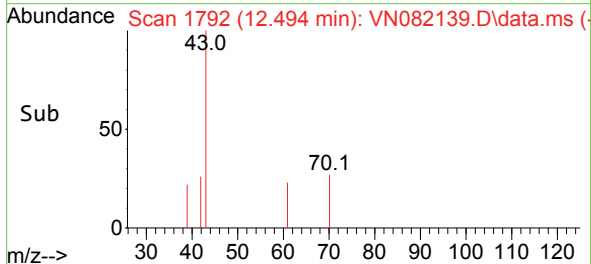
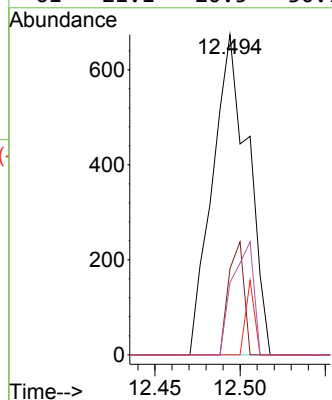
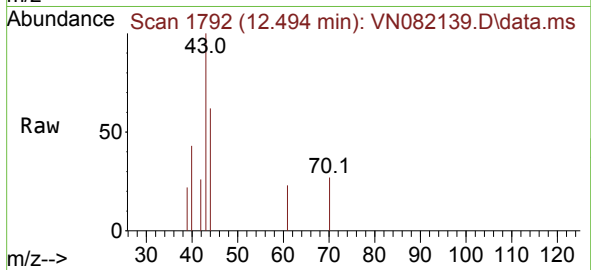




#74  
N-amy1 acetate  
Concen: 0.185 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. 0.000 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

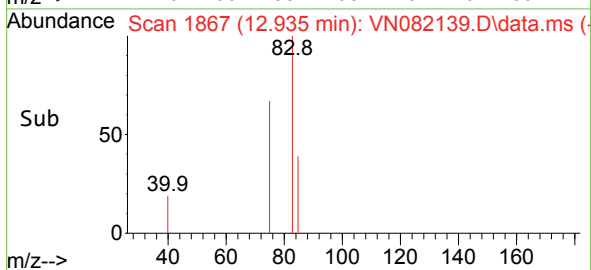
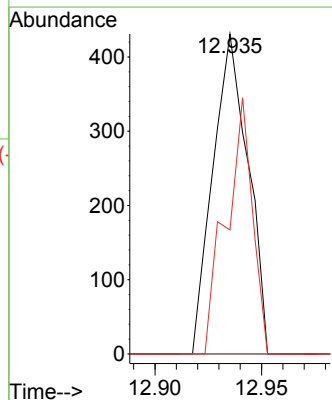
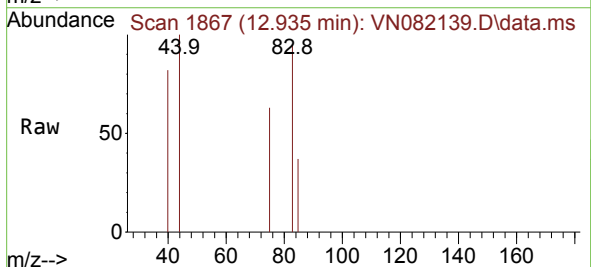
Instrument : MSVOA\_N  
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

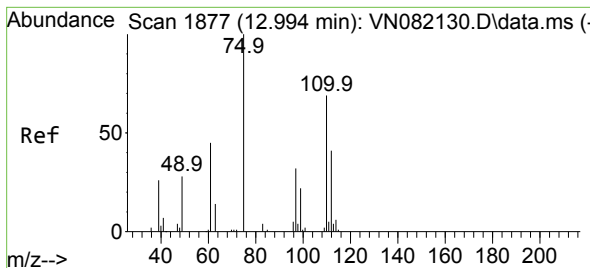
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 977   |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 70 15.1     | 39.0 58.4#  |
| 55 5.6      | 21.3 31.9#  |
| 61 21.1     | 20.5 30.7   |



#75  
1,1,2,2-Tetrachloroethane  
Concen: 0.178 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. -0.006 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 493   |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 131 0.0     | 5.5 16.4#   |
| 85 60.4     | 32.9 98.6   |





#76

1,2,3-Trichloropropane

Concen: 29.666 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

Instrument :

MSVOA\_N

ClientSampleId :

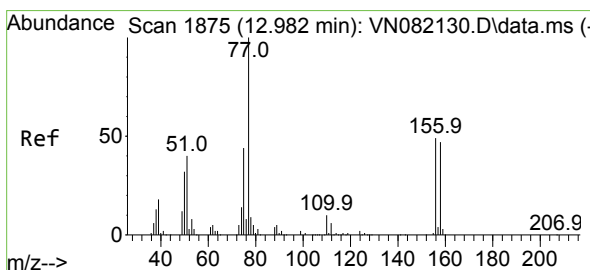
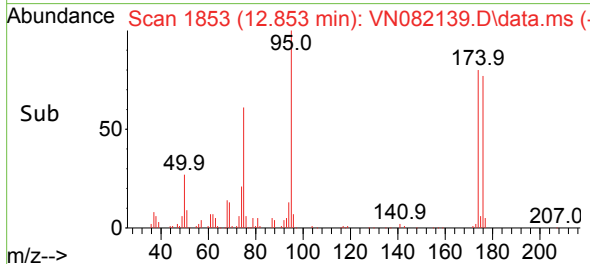
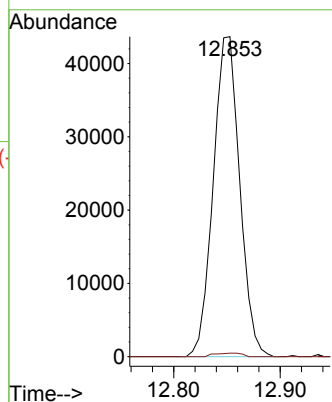
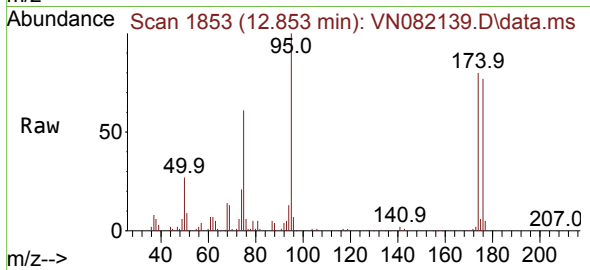
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 75 Resp: 75321

Ion Ratio Lower Upper

75 100

77 1.1 90.5 271.3#



#77

Bromobenzene

Concen: 0.163 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

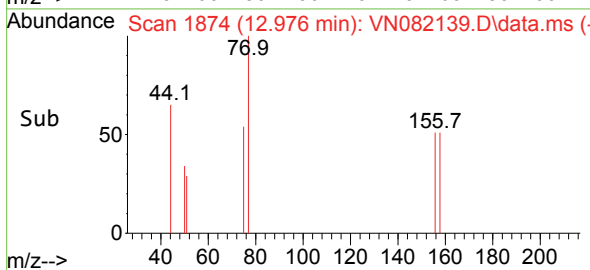
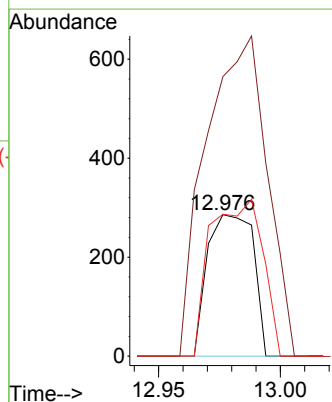
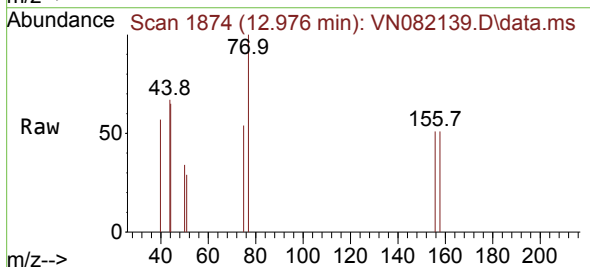
Tgt Ion:156 Resp: 373

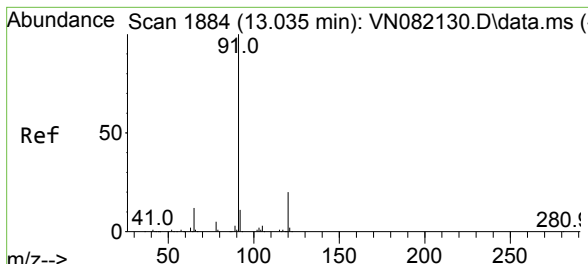
Ion Ratio Lower Upper

156 100

77 302.4 100.2 300.6#

158 126.5 49.1 147.3

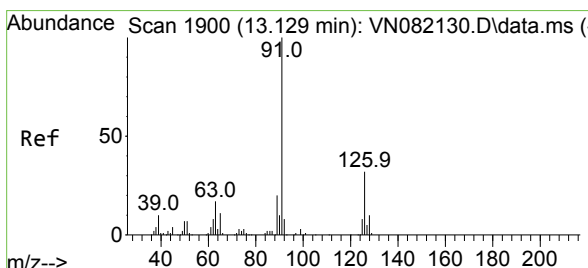
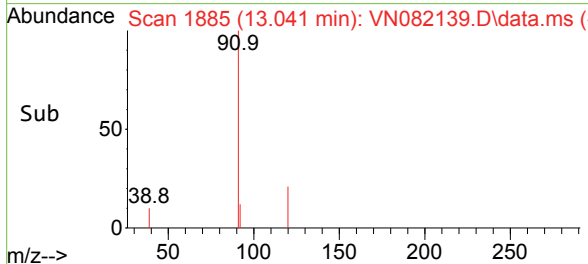
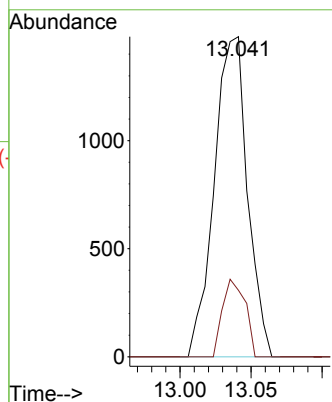
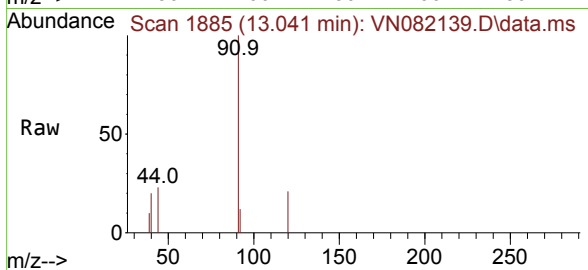




#78  
n-propylbenzene  
Concen: 0.212 ug/l  
RT: 13.041 min Scan# 1885  
Delta R.T. 0.006 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

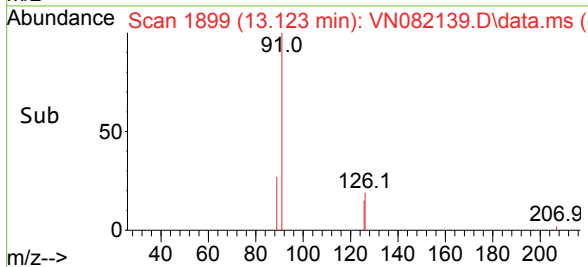
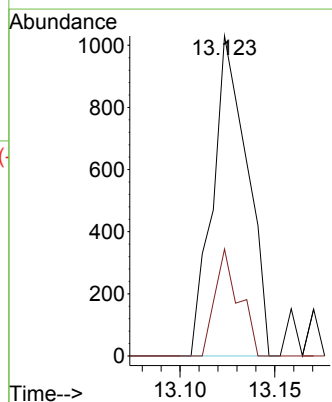
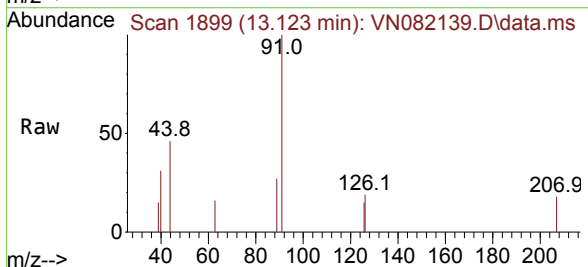
Instrument : MSVOA\_N  
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

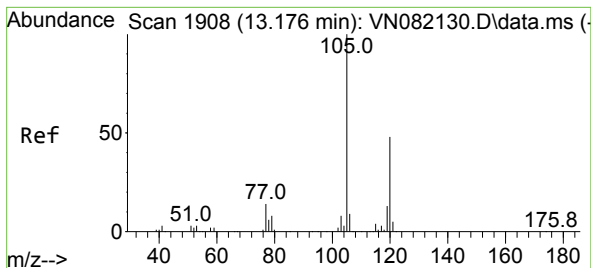
Tgt Ion: 91 Resp: 2411  
Ion Ratio Lower Upper  
91 100  
120 16.5 11.7 35.0



#79  
2-Chlorotoluene  
Concen: 0.183 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. -0.006 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

Tgt Ion: 91 Resp: 1306  
Ion Ratio Lower Upper  
91 100  
126 23.4 17.5 52.5





#80

1,3,5-Trimethylbenzene

Concen: 0.180 ug/l

RT: 13.170 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

Instrument :

MSVOA\_N

ClientSampleId :

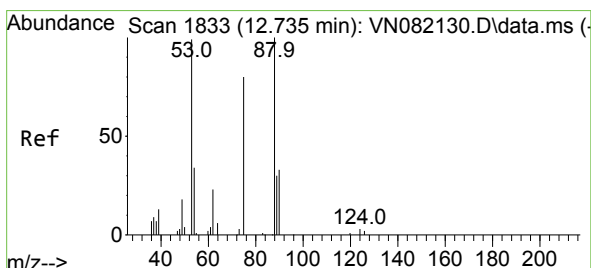
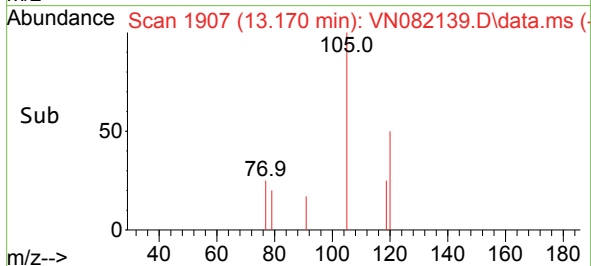
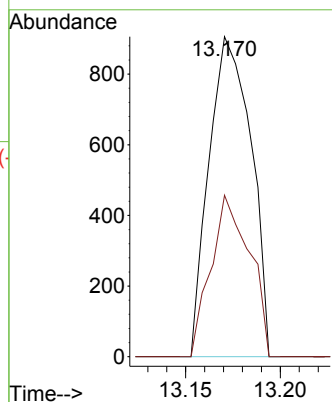
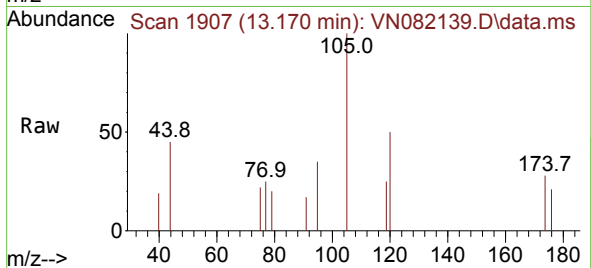
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:105 Resp: 1394

Ion Ratio Lower Upper

105 100

120 46.7 24.8 74.3



#81

trans-1,4-Dichloro-2-butene

Concen: 69.389 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

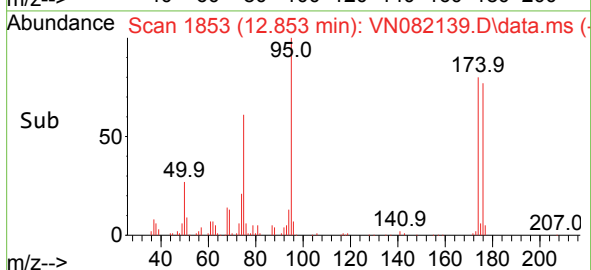
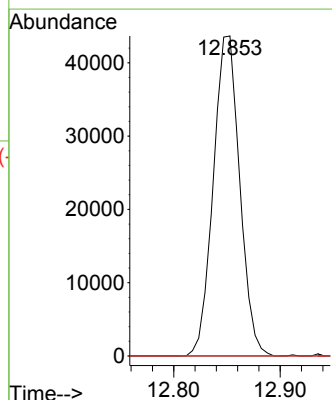
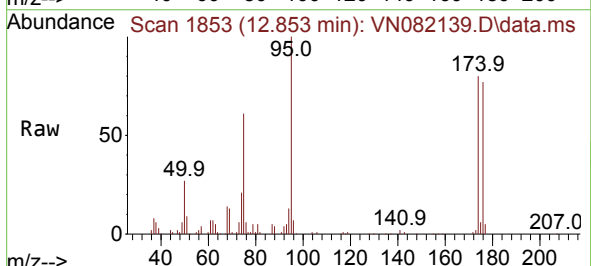
Tgt Ion: 75 Resp: 75321

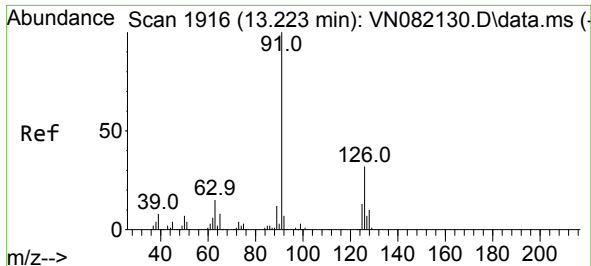
Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

89 0.0 39.1 58.7#

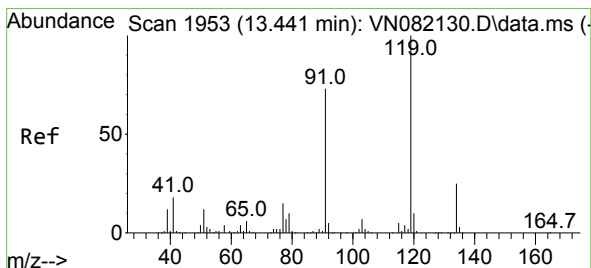
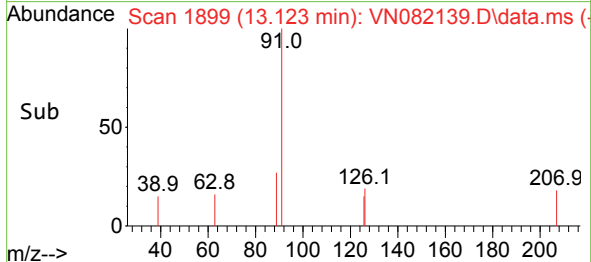
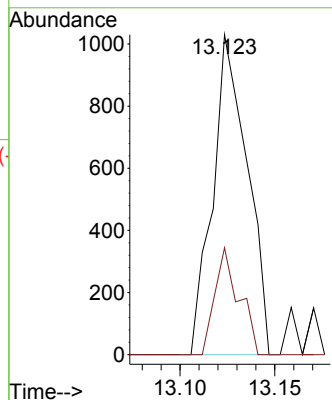
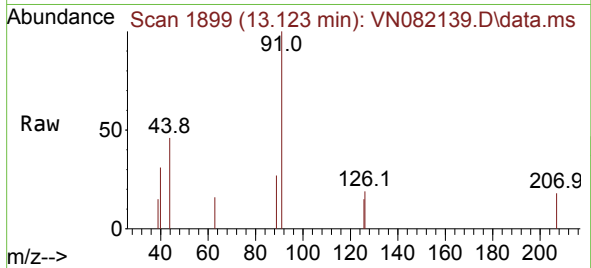




#82  
4-Chlorotoluene  
Concen: 0.187 ug/l  
RT: 13.123 min Scan# 11  
Delta R.T. -0.100 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

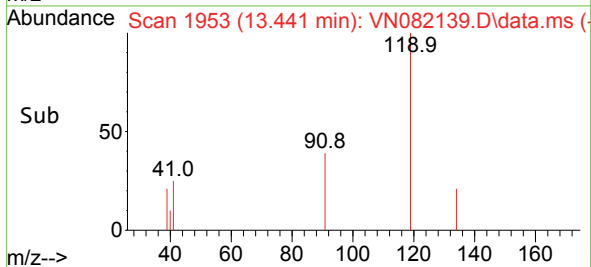
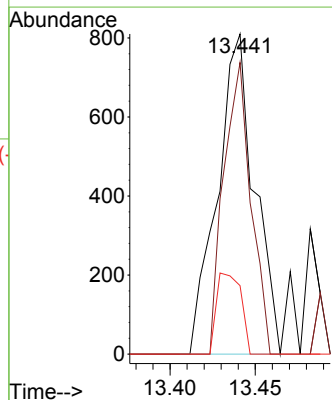
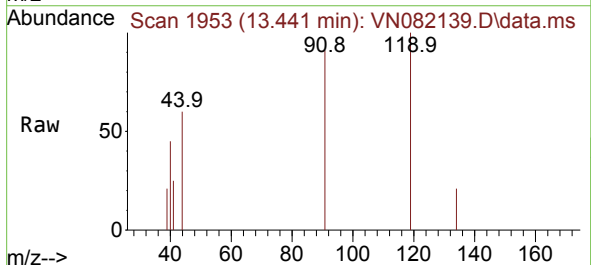
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

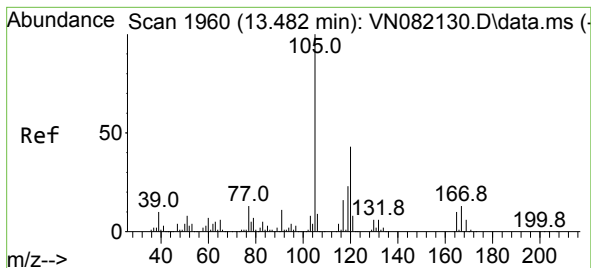
Tgt Ion: 91 Resp: 1306  
Ion Ratio Lower Upper  
91 100  
126 23.4 17.4 52.3



#83  
tert-Butylbenzene  
Concen: 0.181 ug/l  
RT: 13.441 min Scan# 1953  
Delta R.T. 0.000 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

Tgt Ion: 119 Resp: 1227  
Ion Ratio Lower Upper  
119 100  
91 66.7 32.6 97.8  
134 16.5 12.4 37.0





#84

1,2,4-Trimethylbenzene

Concen: 0.179 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

Instrument :

MSVOA\_N

ClientSampleId :

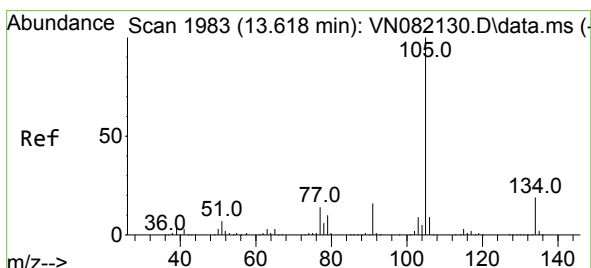
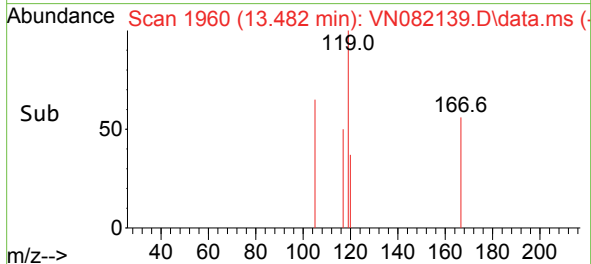
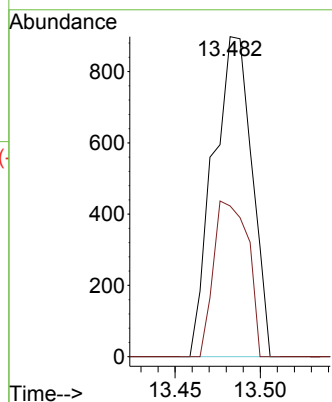
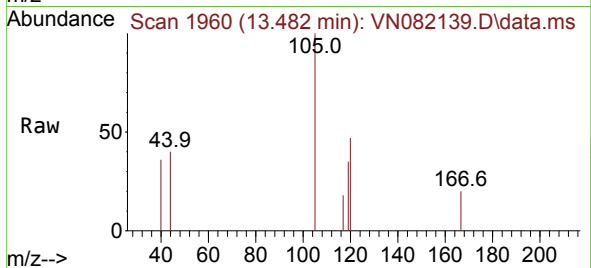
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:105 Resp: 1419

Ion Ratio Lower Upper

105 100

120 43.2 22.9 68.7



#85

sec-Butylbenzene

Concen: 0.182 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN082139.D

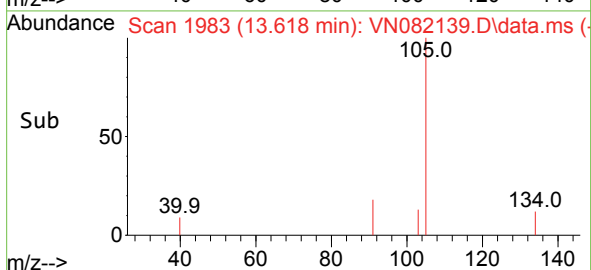
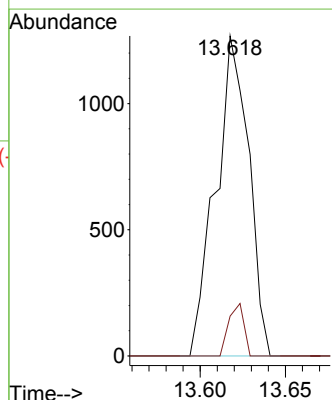
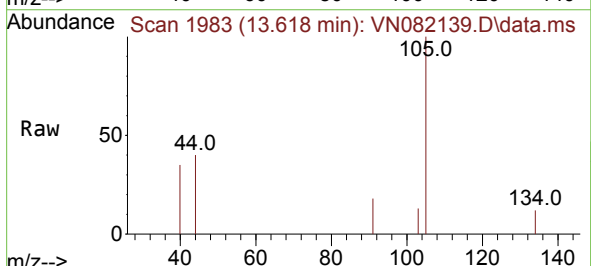
Acq: 15 May 2024 18:26

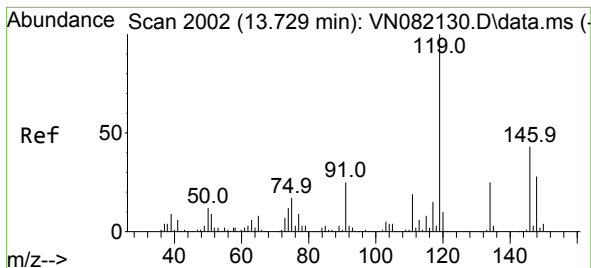
Tgt Ion:105 Resp: 1711

Ion Ratio Lower Upper

105 100

134 7.5 10.2 30.4#





#86

p-Isopropyltoluene

Concen: 0.167 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN082139.D

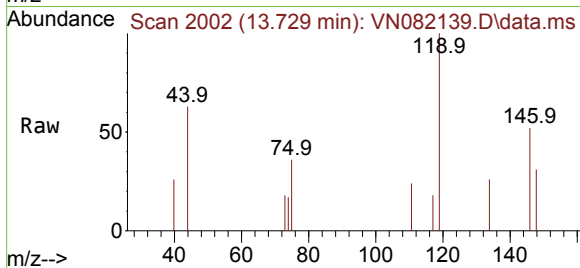
Acq: 15 May 2024 18:26

Instrument :

MSVOA\_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



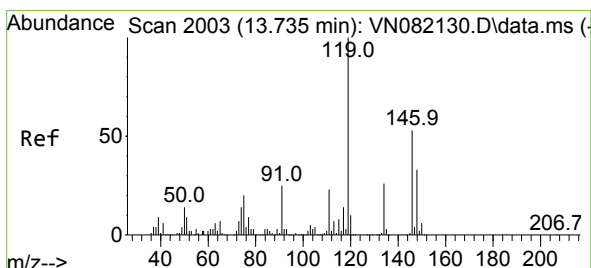
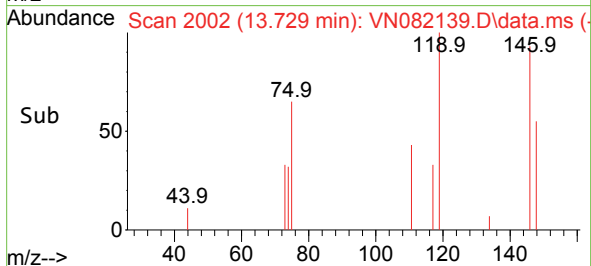
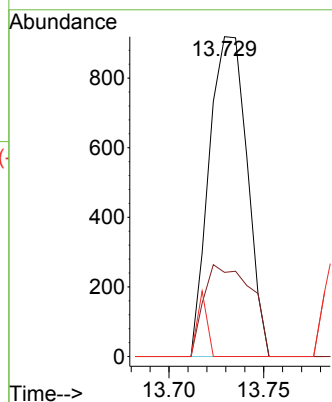
Tgt Ion:119 Resp: 1279

Ion Ratio Lower Upper

119 100

134 35.6 13.2 39.5

91 5.2 11.8 35.3#



#87

1,3-Dichlorobenzene

Concen: 0.233 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

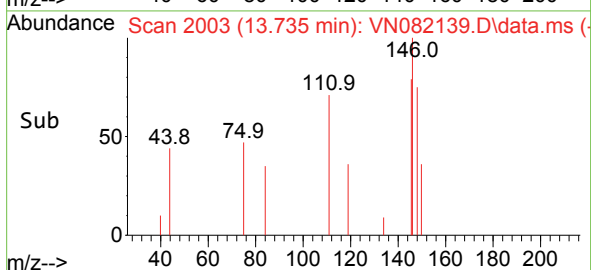
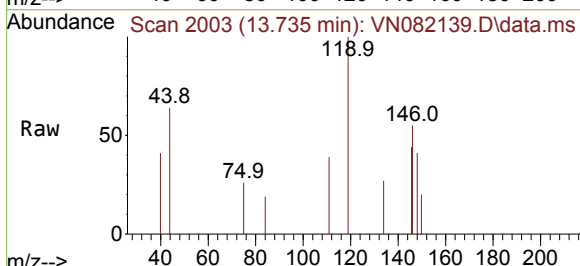
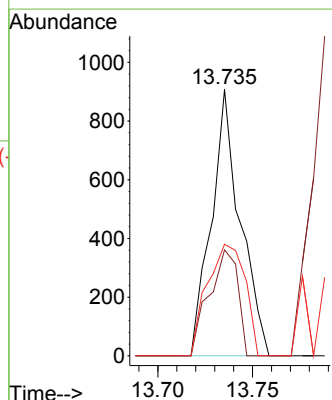
Tgt Ion:146 Resp: 962

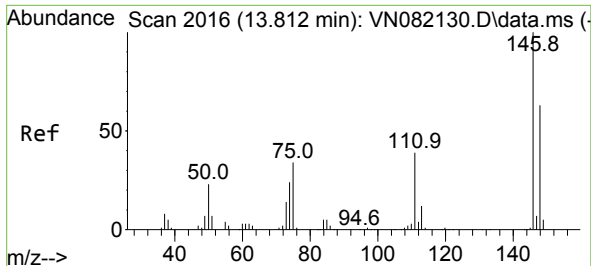
Ion Ratio Lower Upper

146 100

111 39.5 20.8 62.5

148 54.6 32.1 96.3





#88

1,4-Dichlorobenzene

Concen: 0.228 ug/l

RT: 13.735 min Scan# 2016

Delta R.T. -0.076 min

Lab File: VN082139.D

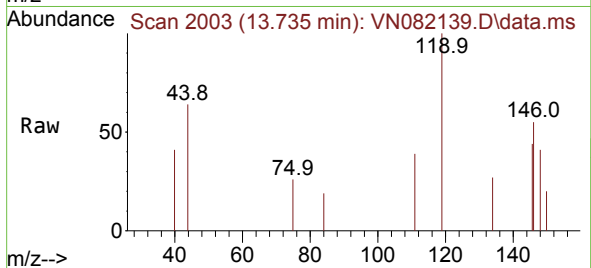
Acq: 15 May 2024 18:26

Instrument :

MSVOA\_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



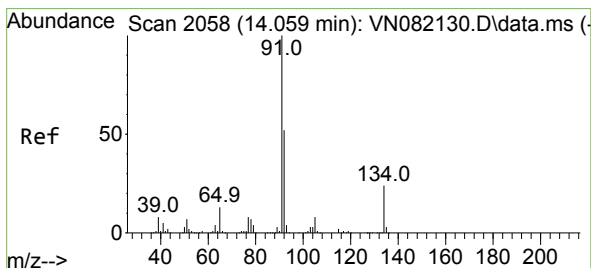
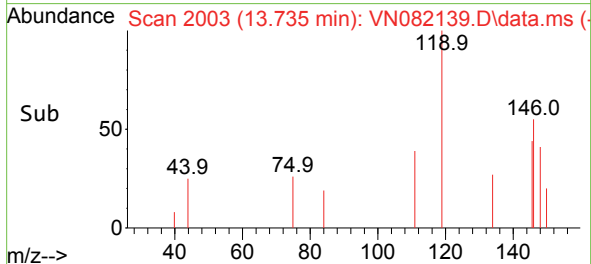
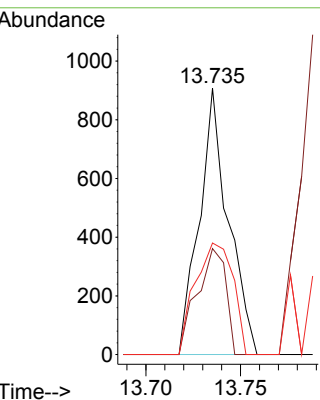
Tgt Ion:146 Resp: 962

Ion Ratio Lower Upper

146 100

111 39.5 19.3 57.9

148 54.6 31.3 93.9



#89

n-Butylbenzene

Concen: 0.171 ug/l

RT: 14.065 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

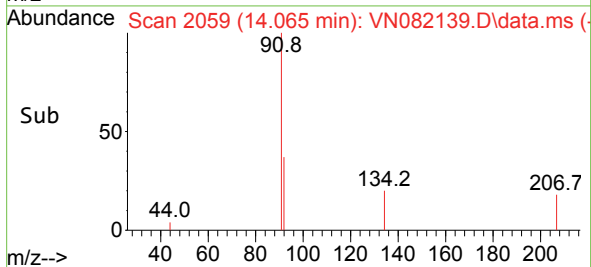
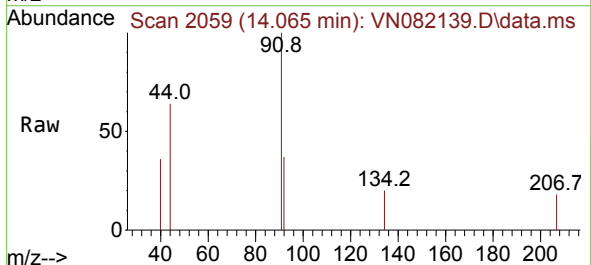
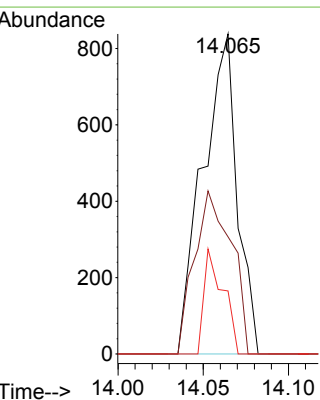
Tgt Ion: 91 Resp: 1176

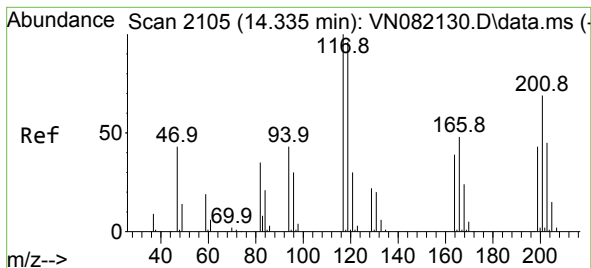
Ion Ratio Lower Upper

91 100

92 54.7 26.2 78.5

134 18.3 13.2 39.5





#90

Hexachloroethane

Concen: 0.052 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN082139.D

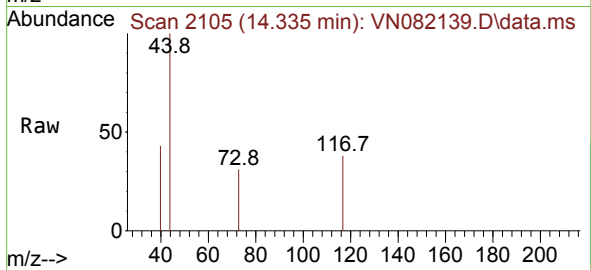
Acq: 15 May 2024 18:26

Instrument :

MSVOA\_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

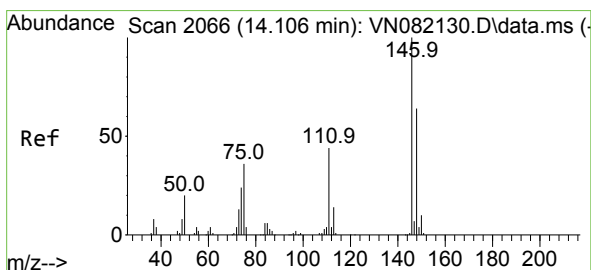
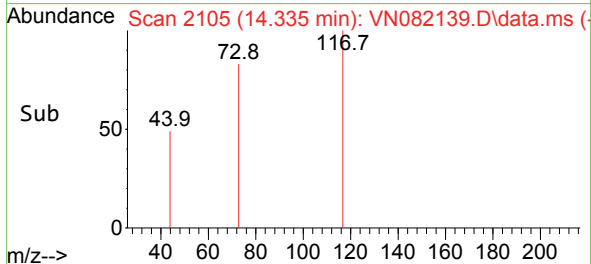
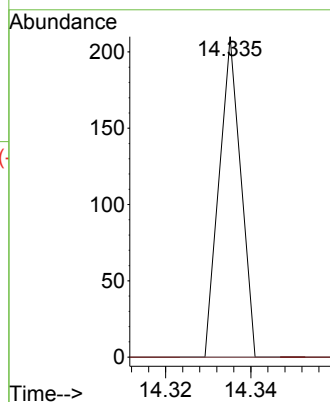


Tgt Ion:117 Resp: 74

Ion Ratio Lower Upper

117 100

201 0.0 33.3 99.8#



#91

1,2-Dichlorobenzene

Concen: 0.180 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

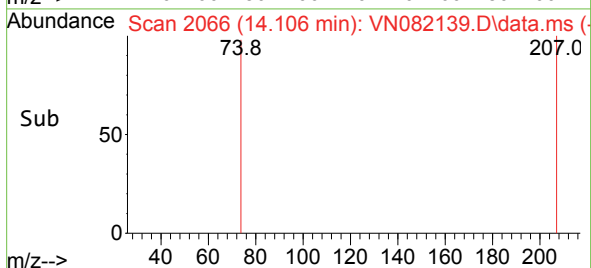
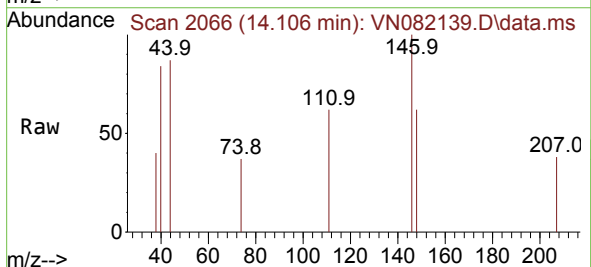
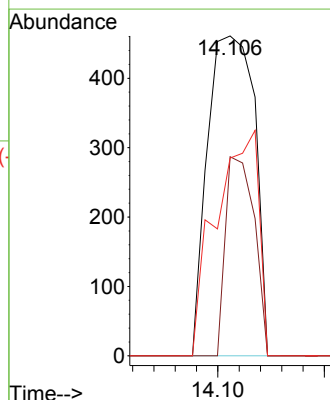
Tgt Ion:146 Resp: 706

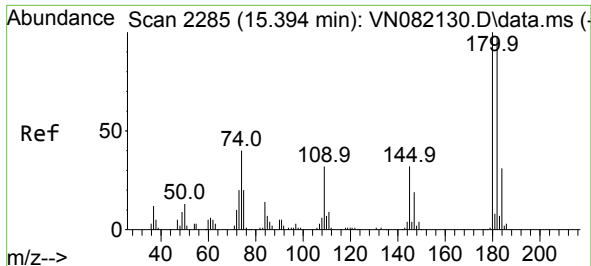
Ion Ratio Lower Upper

146 100

111 38.1 21.3 64.0

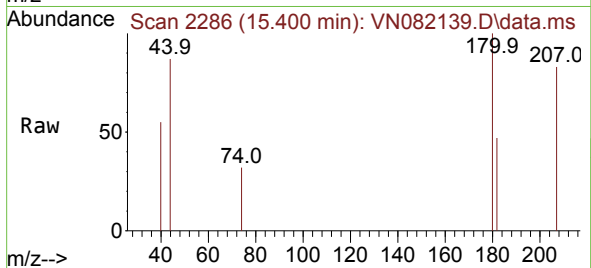
148 64.0 31.8 95.4



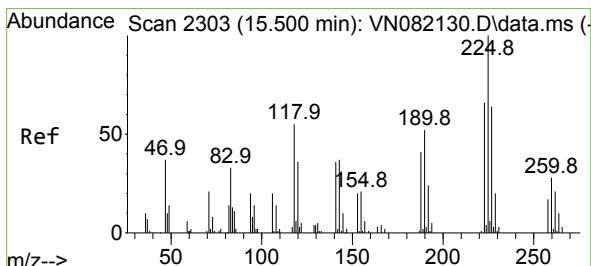
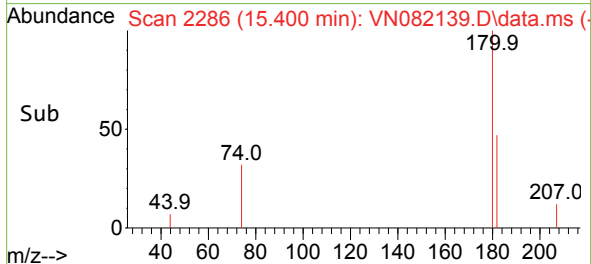
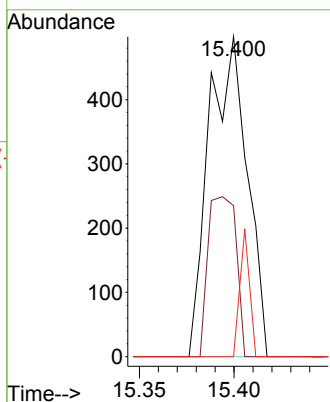


#93  
1,2,4-Trichlorobenzene  
Concen: 0.319 ug/l  
RT: 15.400 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

Instrument :  
MSVOA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

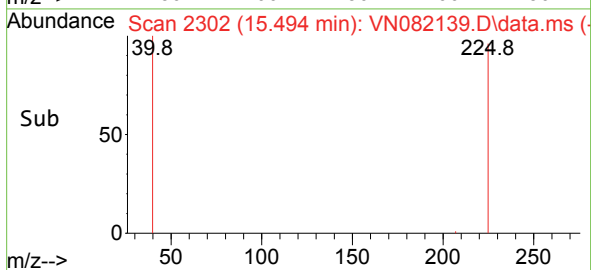
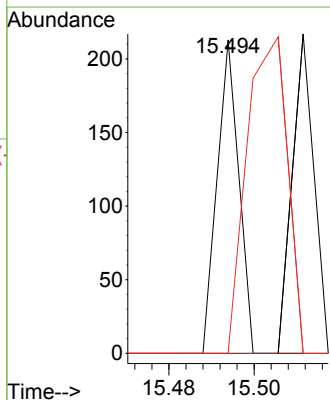
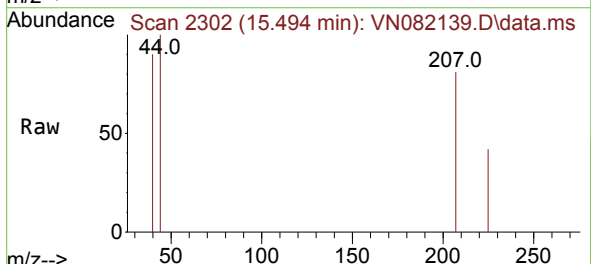


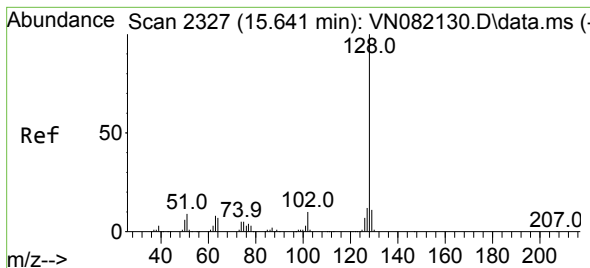
Tgt Ion:180 Resp: 700  
Ion Ratio Lower Upper  
180 100  
182 36.7 46.7 140.0#  
145 10.0 16.2 48.6#



#94  
Hexachlorobutadiene  
Concen: 0.078 ug/l  
RT: 15.494 min Scan# 2302  
Delta R.T. -0.006 min  
Lab File: VN082139.D  
Acq: 15 May 2024 18:26

Tgt Ion:225 Resp: 75  
Ion Ratio Lower Upper  
225 100  
223 0.0 31.1 93.2#  
227 0.0 30.6 91.6#





#95

Naphthalene

Concen: 0.188 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN082139.D

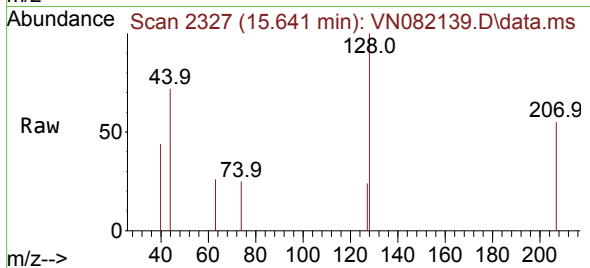
Acq: 15 May 2024 18:26

Instrument :

MSVOA\_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



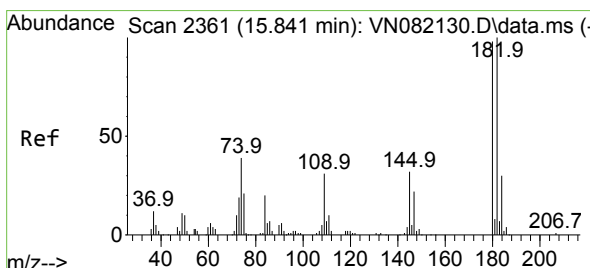
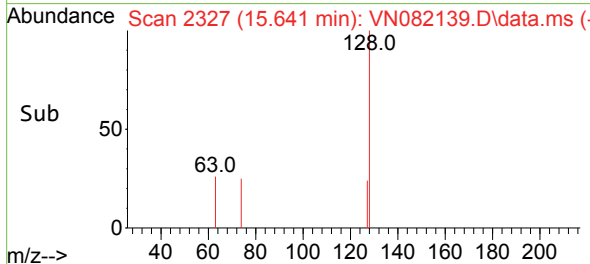
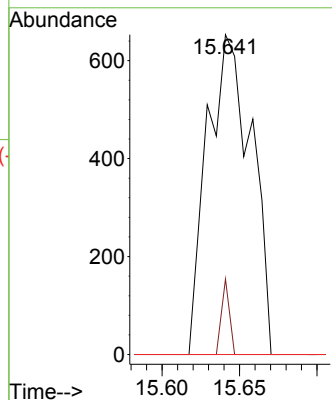
Tgt Ion:128 Resp: 1293

Ion Ratio Lower Upper

128 100

127 4.2 10.1 15.1#

129 0.0 8.9 13.3#



#96

1,2,3-Trichlorobenzene

Concen: 0.107 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.006 min

Lab File: VN082139.D

Acq: 15 May 2024 18:26

Tgt Ion:180 Resp: 236

Ion Ratio Lower Upper

180 100

182 111.9 46.0 137.8

145 0.0 17.1 51.3#

