

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032521\  
 Data File : VN066326.D  
 Acq On : 25 Mar 2021 12:14  
 Operator : JC/MD  
 Sample : M1458-09  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MDL-WATER-03-QT1-2021

Quant Time: Mar 26 05:13:11 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N032421W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Mar 26 05:05:11 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon     | Response | Conc  | Units   | Dev(Min) |
|------------------------------|--------|----------|----------|-------|---------|----------|
| -----                        |        |          |          |       |         |          |
| Internal Standards           |        |          |          |       |         |          |
| 1) Bromochloromethane        | 7.102  | 128      | 87382    | 30.00 | ug/l    | 0.00     |
| 28) 1,4-Difluorobenzene      | 8.512  | 114      | 466417   | 30.00 | ug/l    | 0.00     |
| 57) Chlorobenzene-d5         | 11.350 | 117      | 398824   | 30.00 | ug/l    | 0.00     |
|                              |        |          |          |       |         |          |
| System Monitoring Compounds  |        |          |          |       |         |          |
| 27) 1,2-Dichloroethane-d4    | 7.947  | 65       | 199263   | 29.67 | ug/l    | 0.00     |
| Spiked Amount 30.000         | Range  | 91 - 110 | Recovery | =     | 98.90%  |          |
| 60) 4-Bromofluorobenzene     | 12.345 | 95       | 173579   | 27.89 | ug/l    | 0.00     |
| Spiked Amount 30.000         | Range  | 63 - 112 | Recovery | =     | 92.97%  |          |
| 63) Toluene-d8               | 10.028 | 98       | 567656   | 30.33 | ug/l    | 0.00     |
| Spiked Amount 30.000         | Range  | 91 - 112 | Recovery | =     | 101.10% |          |
|                              |        |          |          |       |         |          |
| Target Compounds             |        |          |          |       |         | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.816  | 85       | 10264    | 2.10  | ug/l    | 99       |
| 3) Chloromethane             | 2.014  | 50       | 15929    | 2.59  | ug/l    | 100      |
| 4) Vinyl Chloride            | 2.145  | 62       | 14040    | 2.17  | ug/l    | 95       |
| 5) Bromomethane              | 2.521  | 94       | 11026    | 2.41  | ug/l    | 92       |
| 6) Chloroethane              | 2.655  | 64       | 8650     | 2.09  | ug/l    | 97       |
| 7) Trichlorofluoromethane    | 2.961  | 101      | 20302    | 2.18  | ug/l    | 99       |
| 8) Diethyl Ether             | 3.347  | 74       | 9007     | 2.86  | ug/l    | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 3.682  | 101      | 11645    | 2.55  | ug/l    | 64       |
| 10) 1,1-Dichloroethene       | 3.658  | 96       | 11632    | 2.58  | ug/l    | 93       |
| 11) Methyl Iodide            | 3.867  | 142      | 15121    | 2.33  | ug/l    | 93       |
| 12) Methyl Acetate           | 4.232  | 43       | 21011    | 3.00  | ug/l    | 93       |
| 13) Acrolein                 | 3.532  | 56       | 17161    | 35.35 | ug/l    | 95       |
| 14) Acrylonitrile            | 4.884  | 53       | 32197    | 11.14 | ug/l    | 98       |
| 15) Acetone                  | 3.741  | 58       | 13647    | 16.22 | ug/l    | 88       |
| 16) Carbon Disulfide         | 3.964  | 76       | 33770    | 2.70  | ug/l    | 100      |
| 18) Methylene Chloride       | 4.452  | 84       | 14945    | 2.77  | ug/l    | 95       |
| 19) trans-1,2-Dichloroethene | 4.929  | 96       | 11075    | 2.23  | ug/l    | 96       |
| 20) Diisopropyl ether        | 5.860  | 45       | 36390    | 2.03  | ug/l    | 100      |
| 21) 1,1-Dichloroethane       | 5.745  | 63       | 21102    | 2.18  | ug/l    | 98       |
| 22) cis-1,2-Dichloroethene   | 6.721  | 96       | 5361     | 0.90  | ug/l #  | 1        |
| 25) Chloroform               | 7.281  | 83       | 21186    | 2.17  | ug/l    | 97       |
| 26) Cyclohexane              | 7.566  | 56       | 18116    | 2.11  | ug/l #  | 99       |
| 29) 1,1-Dichloropropene      | 7.710  | 75       | 14959    | 2.14  | ug/l    | 83       |
| 30) 2-Butanone               | 6.750  | 43       | 44029    | 10.77 | ug/l #  | 80       |
| 31) 2,2-Dichloropropane      | 6.724  | 77       | 19204    | 2.22  | ug/l #  | 78       |
| 32) 1,1,1-Trichloroethane    | 7.483  | 97       | 16865    | 1.99  | ug/l    | 89       |
| 33) Carbon Tetrachloride     | 7.686  | 117      | 14649    | 2.05  | ug/l    | 98       |
| 34) Benzene                  | 7.960  | 78       | 45111    | 2.12  | ug/l #  | 1        |
| 35) Methacrylonitrile        | 7.080  | 41       | 6439     | 1.86  | ug/l    | 97       |
| 36) 1,2-Dichloroethane       | 8.043  | 62       | 17205    | 2.21  | ug/l    | 97       |
| 37) Trichloroethene          | 8.762  | 130      | 12081    | 2.18  | ug/l    | 98       |
| 38) Methylcyclohexane        | 9.011  | 83       | 10978    | 1.27  | ug/l #  | 58       |
| 39) 1,2-Dichloropropane      | 9.046  | 63       | 12655    | 2.20  | ug/l    | 98       |
| 40) Dibromomethane           | 9.137  | 93       | 8213     | 2.22  | ug/l    | 97       |
| 41) Bromodichloromethane     | 9.333  | 83       | 16296    | 2.08  | ug/l    | 96       |
| 42) Vinyl Acetate            | 5.798  | 43       | 153617   | 9.97  | ug/l    | 99       |
| 43) Ethyl Acetate            | 6.844  | 43       | 16903    | 2.15  | ug/l #  | 100      |
| 44) Isopropyl Acetate        | 8.091  | 43       | 30345    | 2.16  | ug/l #  | 100      |
| 45) 1,4-Dioxane              | 9.145  | 88       | 3651     | 40.71 | ug/l #  | 29       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032521\  
 Data File : VN066326.D  
 Acq On : 25 Mar 2021 12:14  
 Operator : JC/MD  
 Sample : M1458-09  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

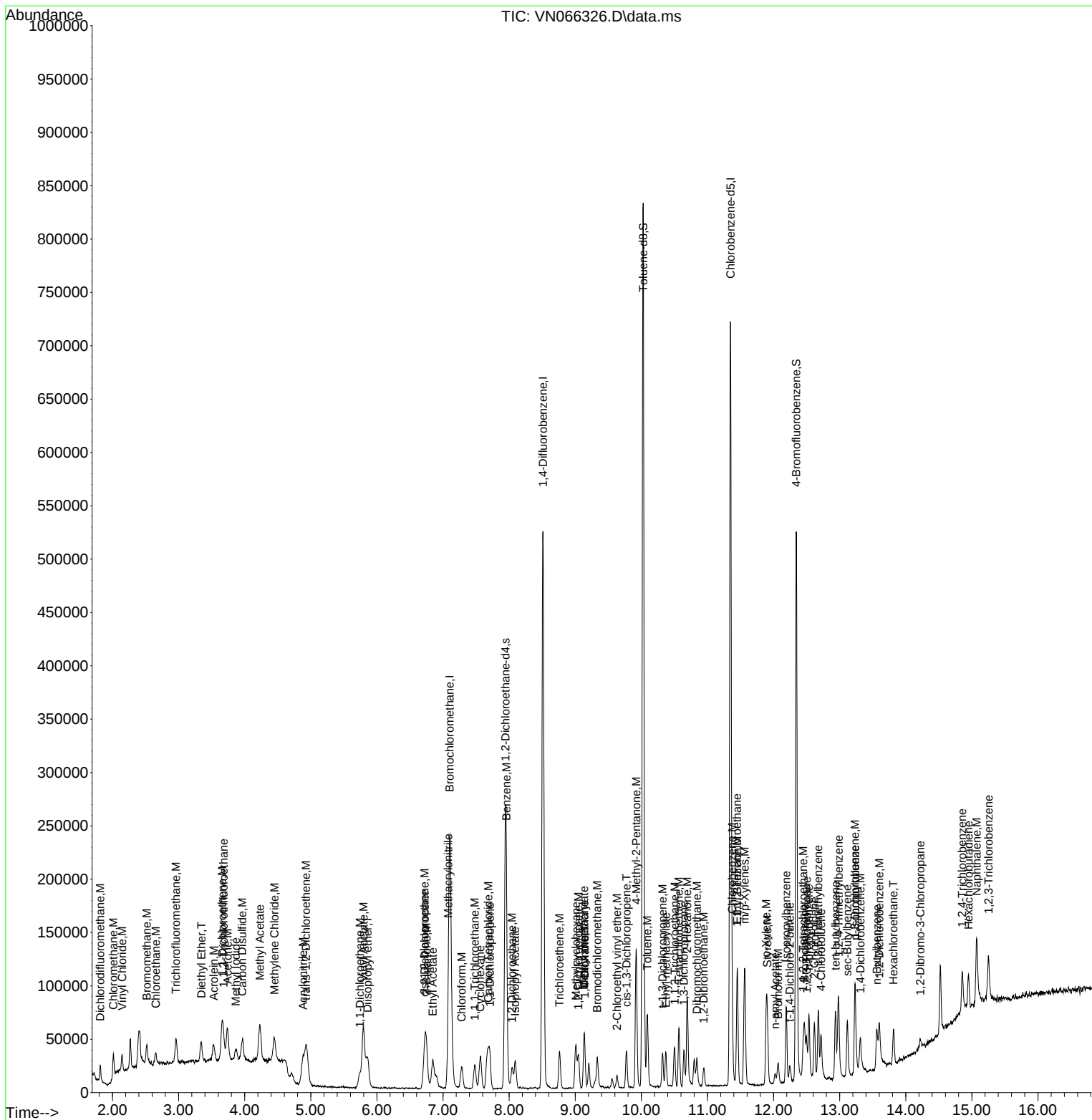
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MDL-WATER-03-QT1-2021

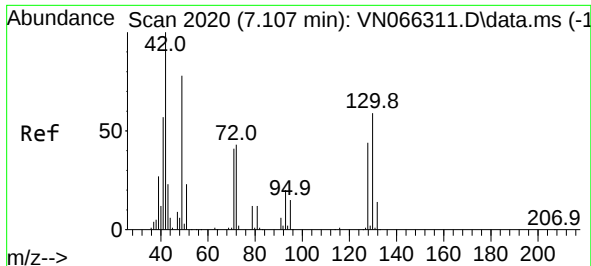
Quant Time: Mar 26 05:13:11 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N032421W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Mar 26 05:05:11 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 46) Methyl methacrylate       | 9.135  | 41   | 12954    | 1.97  | ug/l   | 95       |
| 47) n-amyl Acetate            | 12.028 | 43   | 7813     | 1.37  | ug/l   | 92       |
| 48) t-1,3-Dichloropropene     | 10.323 | 75   | 17013    | 2.00  | ug/l   | 96       |
| 49) cis-1,3-Dichloropropene   | 9.776  | 75   | 19574    | 2.14  | ug/l   | 93       |
| 50) 1,1,2-Trichloroethane     | 10.505 | 97   | 11259    | 2.13  | ug/l   | 96       |
| 51) Ethyl methacrylate        | 10.371 | 69   | 16562    | 2.00  | ug/l   | 95       |
| 52) 1,3-Dichloropropane       | 10.645 | 76   | 19259    | 2.18  | ug/l   | 97       |
| 53) Dibromochloromethane      | 10.840 | 129  | 12086    | 2.03  | ug/l   | 97       |
| 54) 1,2-Dibromoethane         | 10.945 | 107  | 11386    | 2.09  | ug/l   | 99       |
| 55) 2-Chloroethyl vinyl ether | 9.633  | 63   | 5487     | 4.45  | ug/l # | 87       |
| 56) Bromoform                 | 12.069 | 173  | 8686     | 1.99  | ug/l # | 100      |
| 58) 4-Methyl-2-Pentanone      | 9.923  | 43   | 87985    | 11.01 | ug/l   | 100      |
| 59) 2-Hexanone                | 10.696 | 43   | 61064    | 11.11 | ug/l   | 99       |
| 61) Tetrachloroethene         | 10.569 | 164  | 12589    | 2.29  | ug/l   | 98       |
| 62) Toluene                   | 10.092 | 91   | 46986    | 2.13  | ug/l   | 99       |
| 64) Chlorobenzene             | 11.374 | 112  | 28561    | 2.20  | ug/l   | 96       |
| 65) 1,1,1,2-Tetrachloroethane | 11.449 | 131  | 11051    | 2.17  | ug/l   | 92       |
| 66) Ethyl Benzene             | 11.452 | 91   | 49920    | 2.10  | ug/l   | 93       |
| 67) m/p-Xylenes               | 11.564 | 106  | 37024    | 4.19  | ug/l   | 94       |
| 68) o-Xylene                  | 11.889 | 106  | 18152    | 2.08  | ug/l   | 99       |
| 69) Styrene                   | 11.908 | 104  | 27283    | 1.95  | ug/l   | 96       |
| 70) Isopropylbenzene          | 12.192 | 105  | 46105    | 2.01  | ug/l   | 98       |
| 71) 1,1,2,2-Tetrachloroethane | 12.450 | 83   | 15116    | 2.06  | ug/l   | 95       |
| 72) 1,2,3-Trichloropropane    | 12.500 | 75   | 17598    | 2.48  | ug/l   | 79       |
| 73) Bromobenzene              | 12.471 | 156  | 12040    | 2.13  | ug/l   | 93       |
| 74) n-propylbenzene           | 12.535 | 91   | 46832    | 1.85  | ug/l   | 99       |
| 75) 2-Chlorotoluene           | 12.618 | 91   | 30537    | 1.99  | ug/l   | 100      |
| 76) 1,3,5-Trimethylbenzene    | 12.678 | 105  | 36245    | 1.92  | ug/l   | 100      |
| 77) t-1,4-Dichloro-2-butene   | 12.248 | 75   | 3292     | 1.43  | ug/l   | 81       |
| 78) 4-Chlorotoluene           | 12.720 | 91   | 25701    | 1.71  | ug/l   | 100      |
| 79) tert-butylbenzene         | 12.940 | 119  | 31374    | 1.91  | ug/l   | 98       |
| 80) 1,2,4-Trimethylbenzene    | 12.986 | 105  | 34400    | 1.88  | ug/l   | 97       |
| 81) sec-Butylbenzene          | 13.117 | 105  | 38473    | 1.84  | ug/l   | 96       |
| 82) p-Isopropyltoluene        | 13.235 | 119  | 34385    | 1.86  | ug/l   | 98       |
| 83) 1,3-Dichlorobenzene       | 13.233 | 146  | 16911    | 1.82  | ug/l   | 98       |
| 84) 1,4-Dichlorobenzene       | 13.313 | 146  | 14894    | 1.65  | ug/l   | 94       |
| 85) n-Butylbenzene            | 13.563 | 91   | 29435    | 1.95  | ug/l   | 95       |
| 86) Hexachloroethane          | 13.815 | 117  | 7002     | 2.05  | ug/l   | 89       |
| 87) 1,2-Dichlorobenzene       | 13.600 | 146  | 16813    | 1.83  | ug/l   | 95       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.222 | 75   | 662      | 0.44  | ug/l # | 1        |
| 89) 1,2,4-Trichlorobenzene    | 14.855 | 180  | 13646    | 2.33  | ug/l # | 93       |
| 90) Hexachlorobutadiene       | 14.949 | 225  | 7074     | 2.23  | ug/l   | 95       |
| 91) Naphthalene               | 15.075 | 128  | 65528    | 3.67  | ug/l # | 88       |
| 92) 1,2,3-Trichlorobenzene    | 15.255 | 180  | 17375    | 3.03  | ug/l   | 85       |

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

Quant Time: Mar 26 05:13:11 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N032421W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Fri Mar 26 05:05:11 2021  
Response via : Initial Calibration

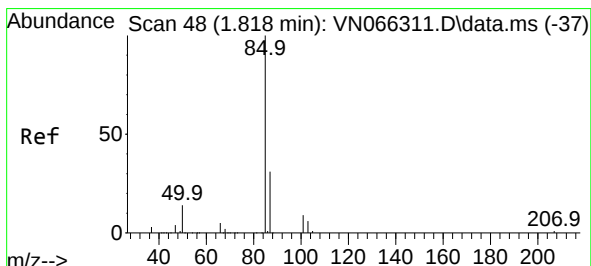
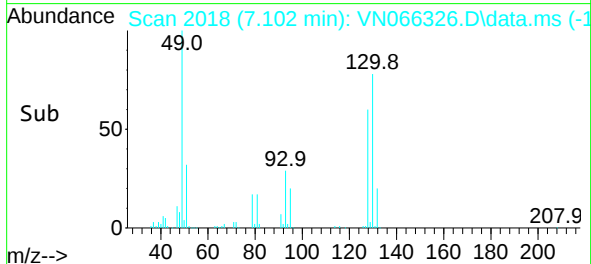
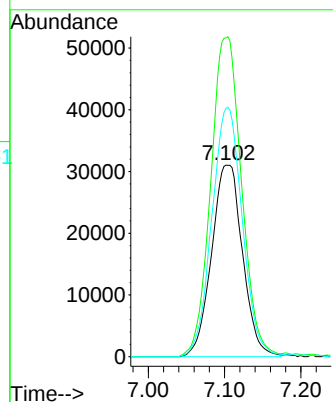
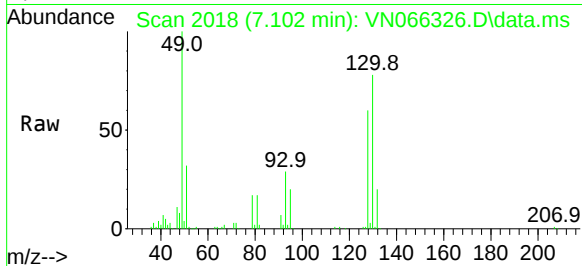




#1  
Bromochloromethane  
Concen: 30.00 ug/l  
RT: 7.102 min Scan# 2018  
Delta R.T. -0.005 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

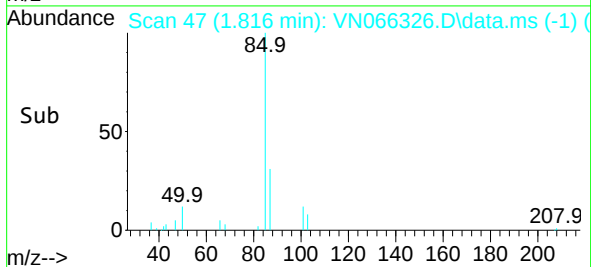
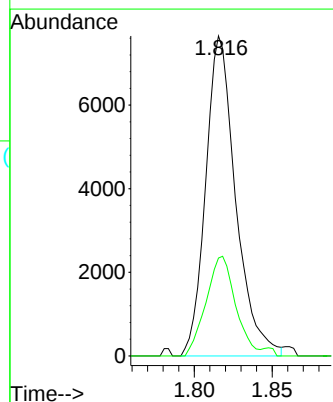
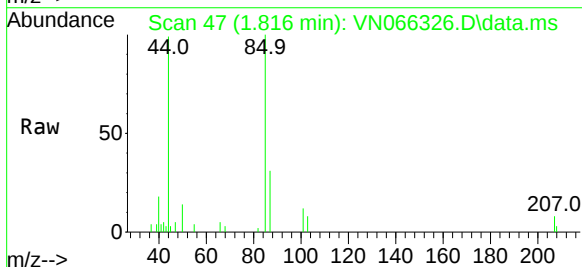
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

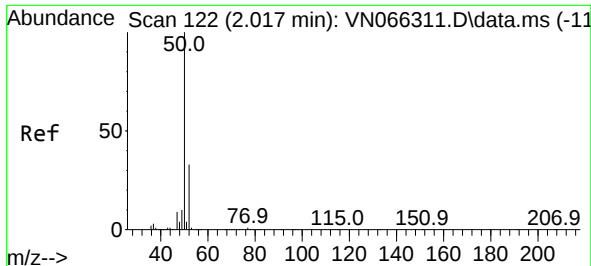
Tgt Ion:128 Resp: 87382  
Ion Ratio Lower Upper  
128 100  
49 166.0 0.0 429.3  
130 128.5 0.0 328.5



#2  
Dichlorodifluoromethane  
Concen: 2.10 ug/l  
RT: 1.816 min Scan# 47  
Delta R.T. -0.002 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

Tgt Ion: 85 Resp: 10264  
Ion Ratio Lower Upper  
85 100  
87 30.6 15.4 46.4

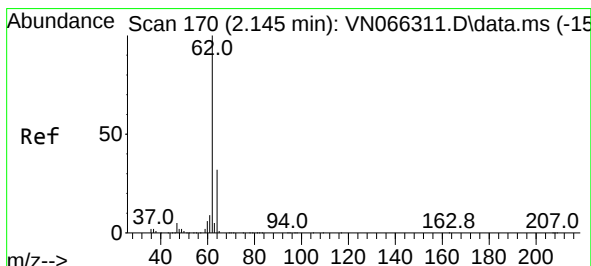
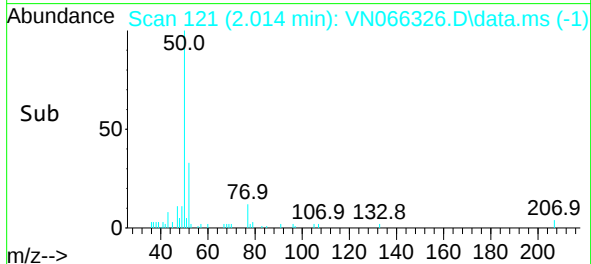
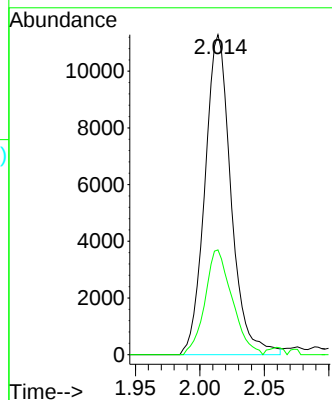
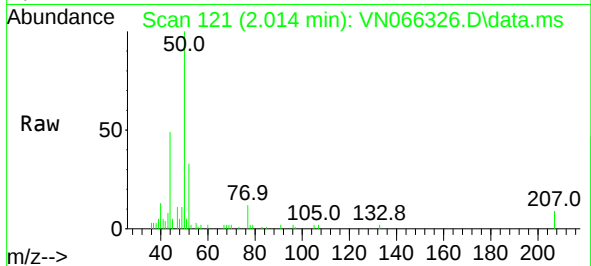




#3  
Chloromethane  
Concen: 2.59 ug/l  
RT: 2.014 min Scan# 121  
Delta R.T. -0.003 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

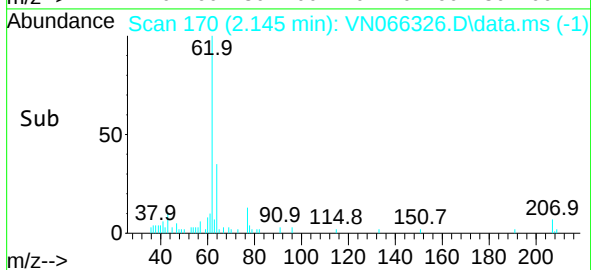
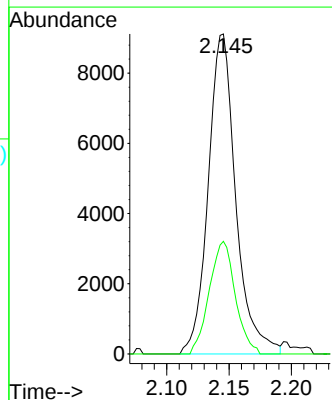
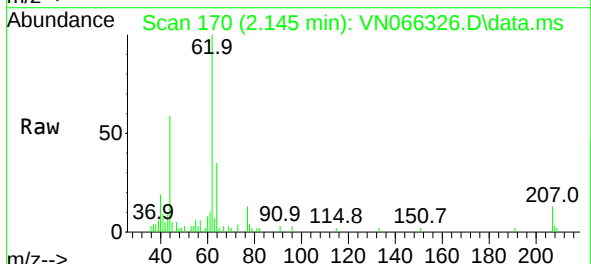
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

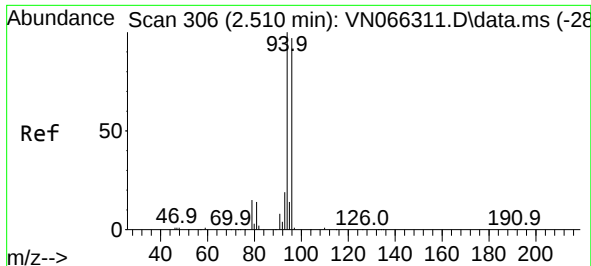
Tgt Ion: 50 Resp: 15929  
Ion Ratio Lower Upper  
50 100  
52 32.7 26.2 39.4



#4  
Vinyl Chloride  
Concen: 2.17 ug/l  
RT: 2.145 min Scan# 170  
Delta R.T. 0.000 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

Tgt Ion: 62 Resp: 14040  
Ion Ratio Lower Upper  
62 100  
64 35.2 25.8 38.6

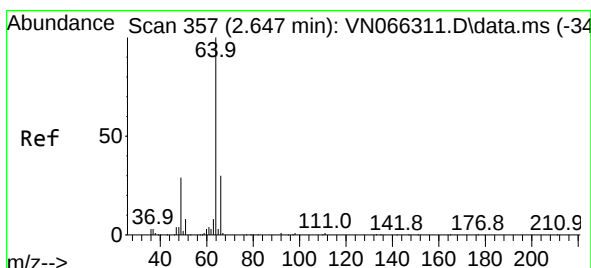
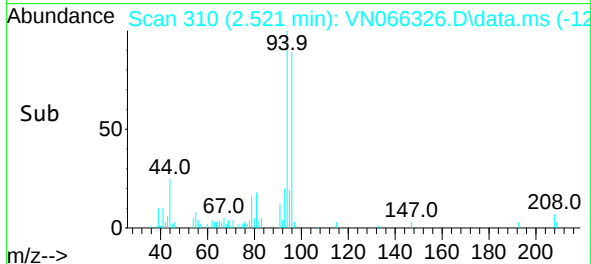
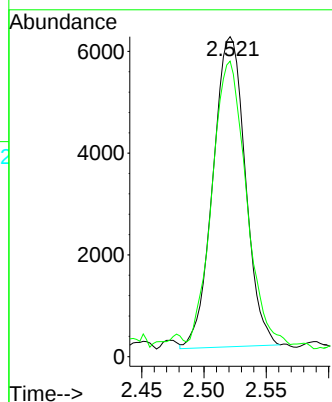
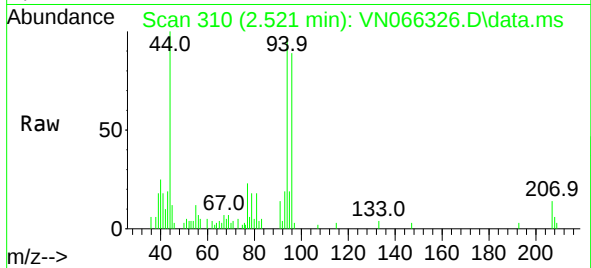




#5  
Bromomethane  
Concen: 2.41 ug/l  
RT: 2.521 min Scan# 310  
Delta R.T. 0.011 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

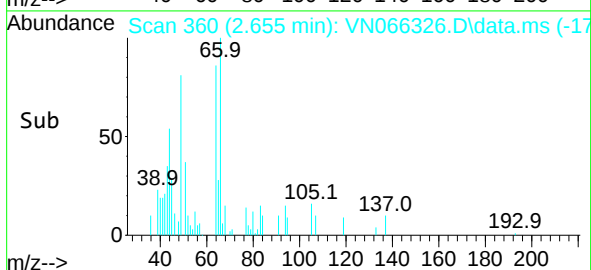
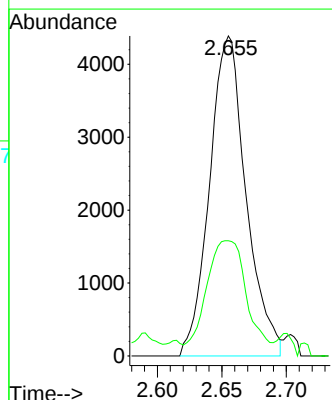
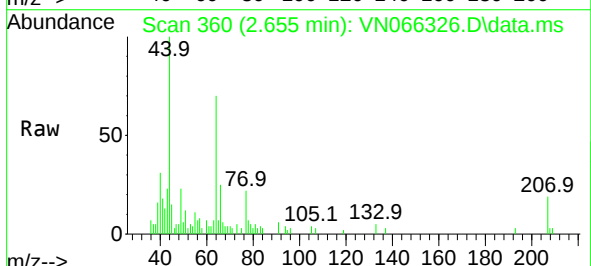
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

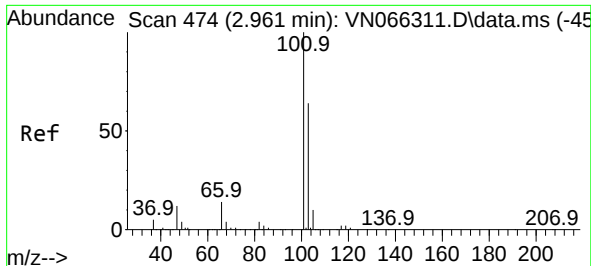
Tgt Ion: 94 Resp: 11026  
Ion Ratio Lower Upper  
94 100  
96 89.2 77.8 116.8



#6  
Chloroethane  
Concen: 2.09 ug/l  
RT: 2.655 min Scan# 360  
Delta R.T. 0.008 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

Tgt Ion: 64 Resp: 8650  
Ion Ratio Lower Upper  
64 100  
66 32.1 24.2 36.4

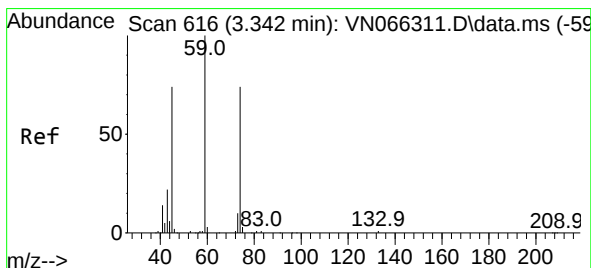
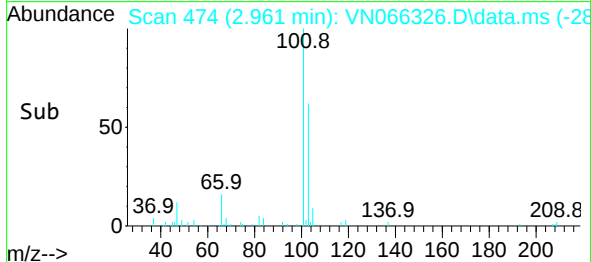
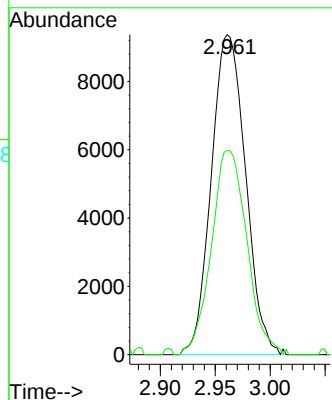
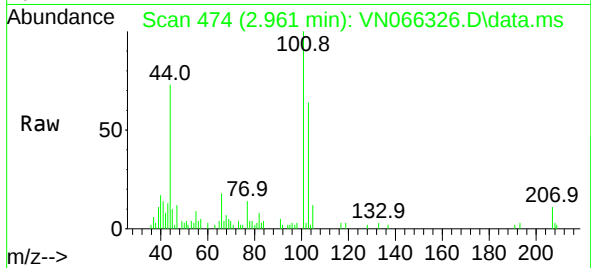




#7  
Trichlorofluoromethane  
Concen: 2.18 ug/l  
RT: 2.961 min Scan# 474  
Delta R.T. 0.000 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

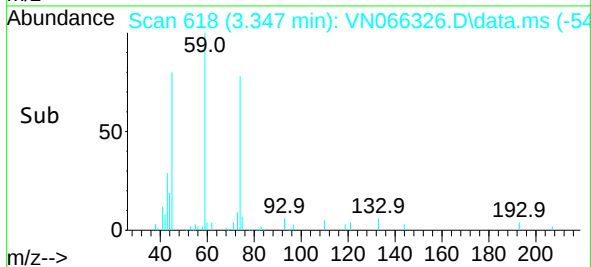
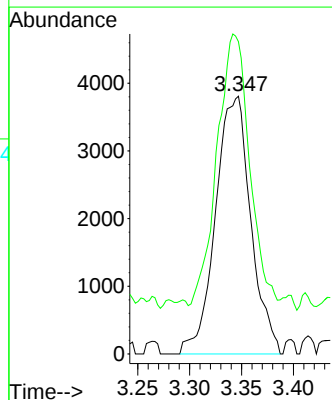
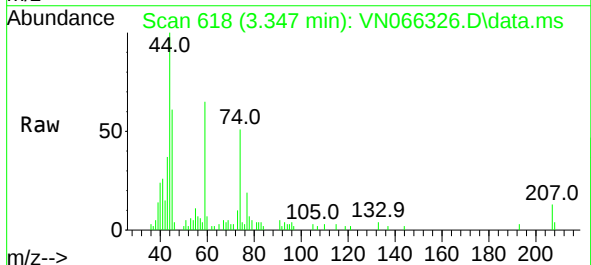
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

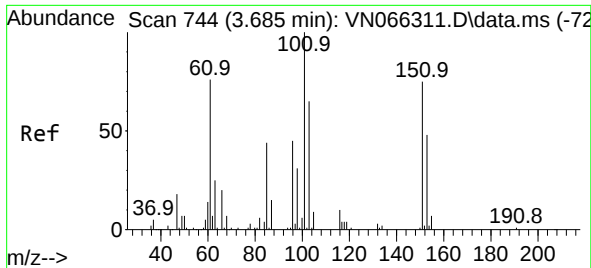
Tgt Ion:101 Resp: 20302  
Ion Ratio Lower Upper  
101 100  
103 63.8 51.6 77.4



#8  
Diethyl Ether  
Concen: 2.86 ug/l  
RT: 3.347 min Scan# 618  
Delta R.T. 0.005 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

Tgt Ion: 74 Resp: 9007  
Ion Ratio Lower Upper  
74 100  
45 96.8 19.5 175.9

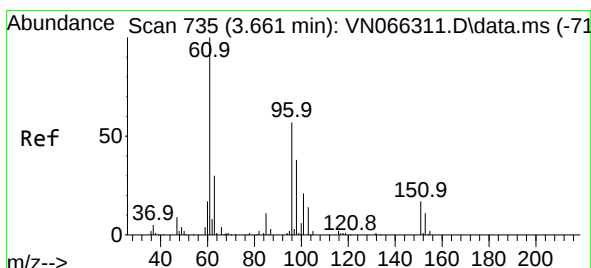
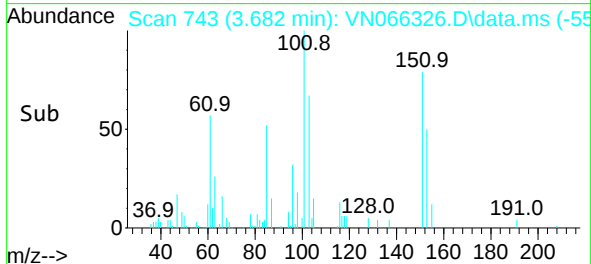
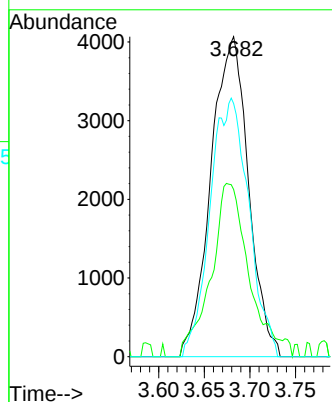
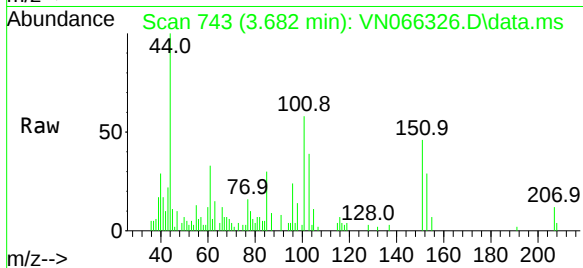




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 2.55 ug/l  
RT: 3.682 min Scan# 743  
Delta R.T. -0.003 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

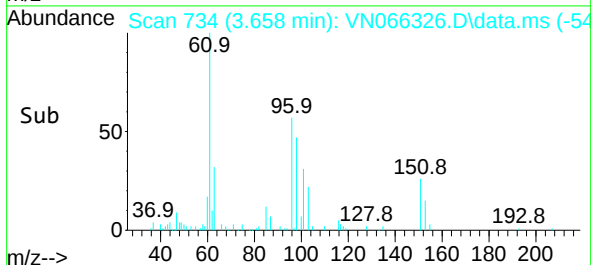
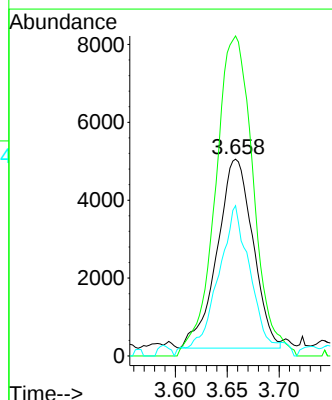
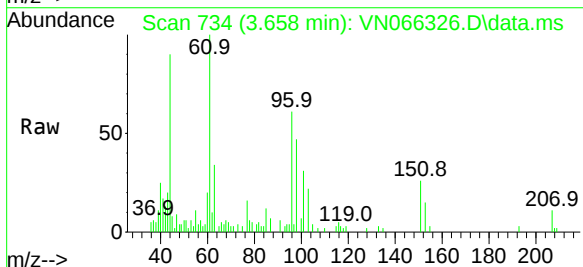
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

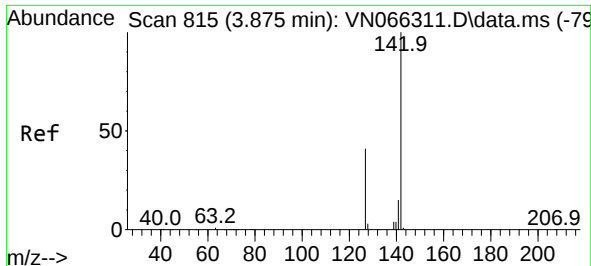
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 11645 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 50.6  | 0.0   | 90.6  |
| 151      | 33.7  | 0.0   | 159.0 |



#10  
1,1-Dichloroethene  
Concen: 2.58 ug/l  
RT: 3.658 min Scan# 734  
Delta R.T. -0.003 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

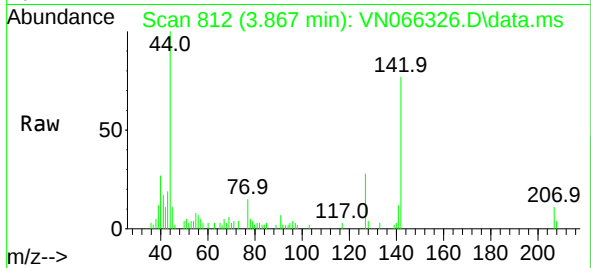
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 11632 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 166.2 | 139.6 | 209.4 |
| 98       | 75.2  | 53.7  | 80.5  |



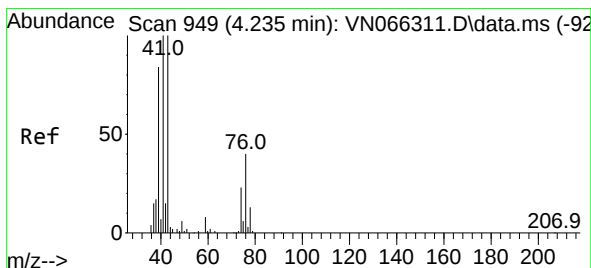
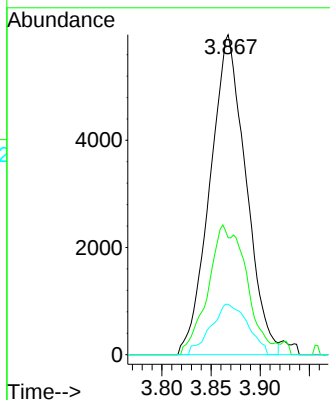
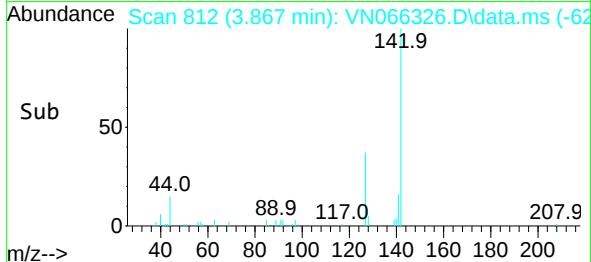


#11  
Methyl Iodide  
Concen: 2.33 ug/l  
RT: 3.867 min Scan# 812  
Delta R.T. -0.008 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

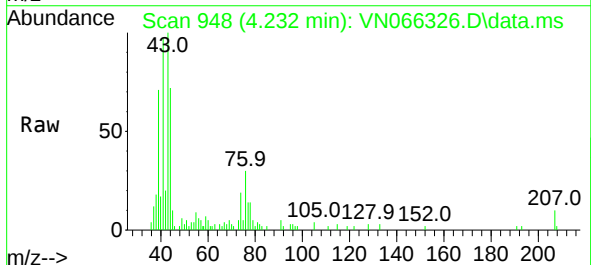
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021



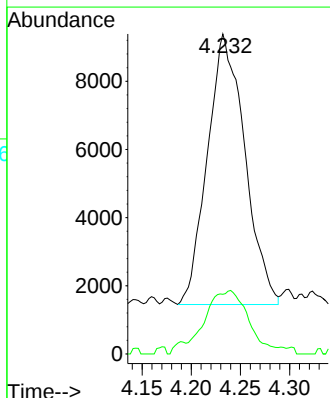
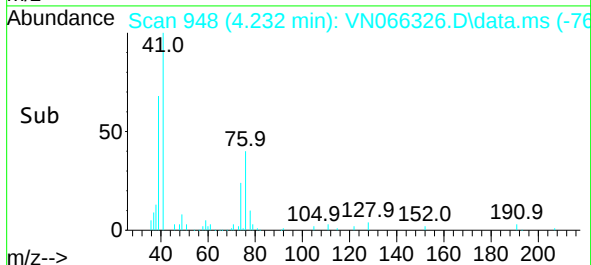
Tgt Ion:142 Resp: 15121  
Ion Ratio Lower Upper  
142 100  
127 35.5 20.5 61.6  
141 16.1 7.4 22.3

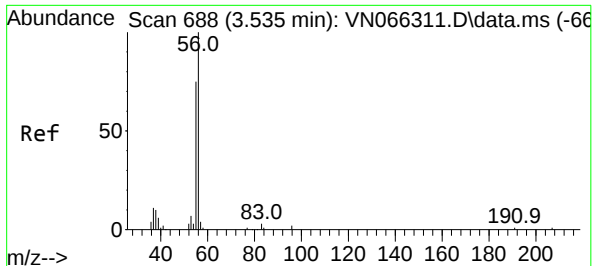


#12  
Methyl Acetate  
Concen: 3.00 ug/l  
RT: 4.232 min Scan# 948  
Delta R.T. -0.003 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14



Tgt Ion: 43 Resp: 21011  
Ion Ratio Lower Upper  
43 100  
74 19.1 18.0 27.0

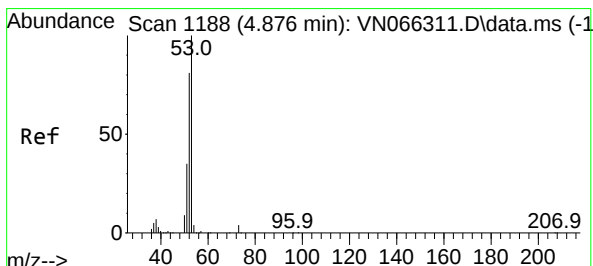
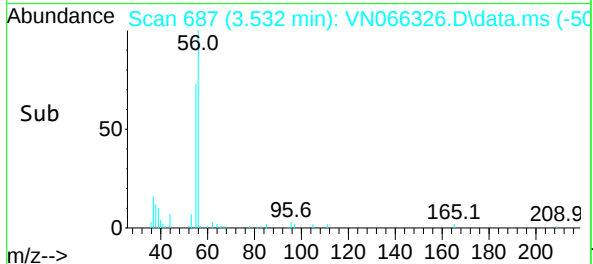
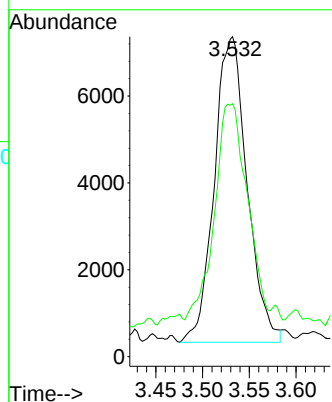
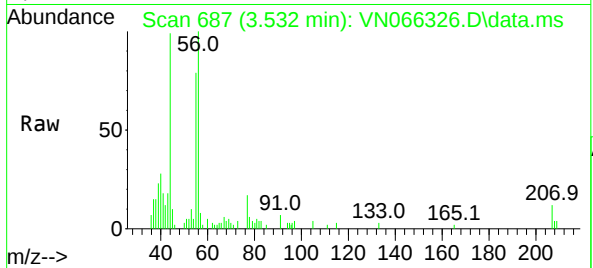




#13  
Acrolein  
Concen: 35.35 ug/l  
RT: 3.532 min Scan# 687  
Delta R.T. -0.003 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

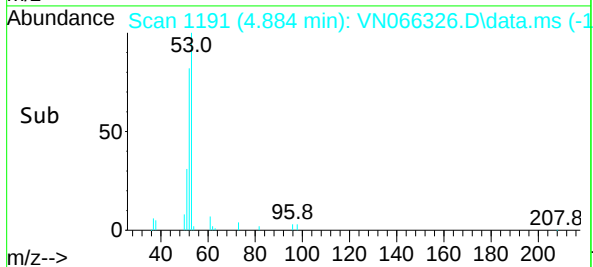
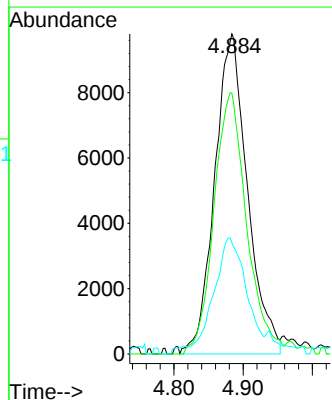
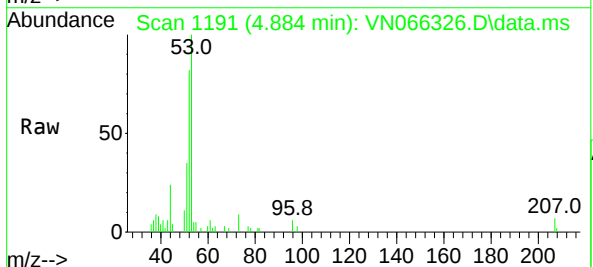
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

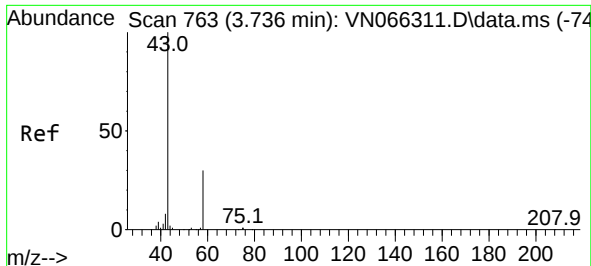
Tgt Ion: 56 Resp: 17161  
Ion Ratio Lower Upper  
56 100  
55 71.4 54.1 81.1



#14  
Acrylonitrile  
Concen: 11.14 ug/l  
RT: 4.884 min Scan# 1191  
Delta R.T. 0.008 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

Tgt Ion: 53 Resp: 32197  
Ion Ratio Lower Upper  
53 100  
52 81.5 41.0 123.0  
51 33.4 17.8 53.4

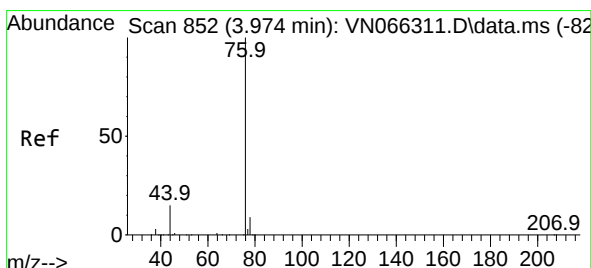
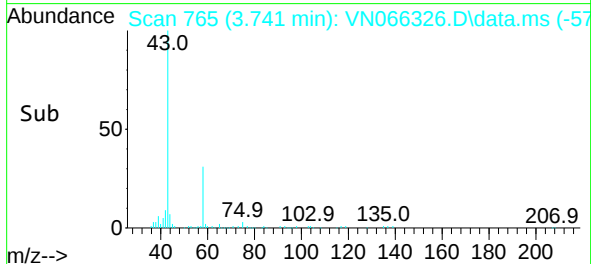
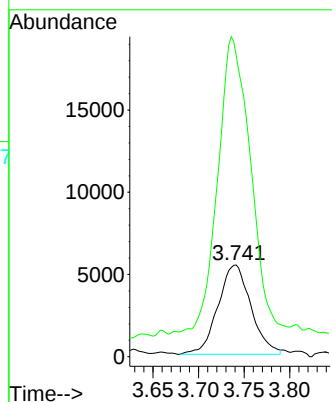
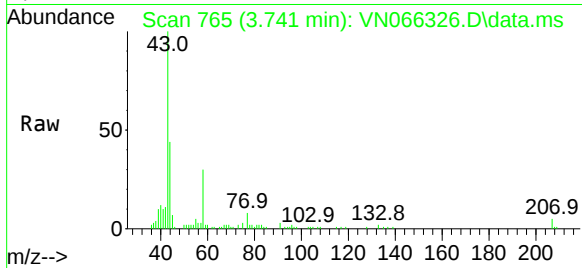




#15  
Acetone  
Concen: 16.22 ug/l  
RT: 3.741 min Scan# 765  
Delta R.T. 0.005 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

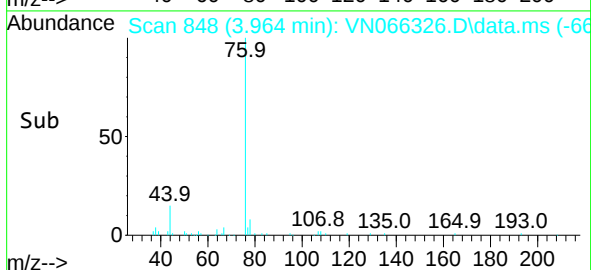
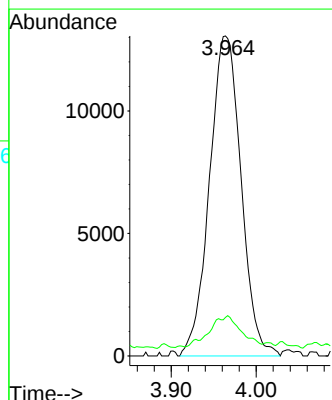
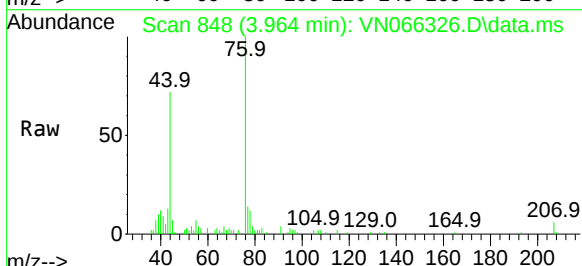
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

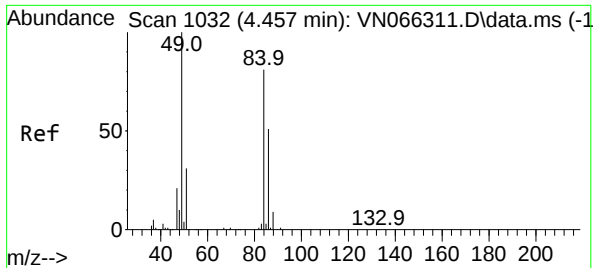
Tgt Ion: 58 Resp: 13647  
Ion Ratio Lower Upper  
58 100  
43 309.7 267.3 400.9



#16  
Carbon Disulfide  
Concen: 2.70 ug/l  
RT: 3.964 min Scan# 848  
Delta R.T. -0.010 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

Tgt Ion: 76 Resp: 33770  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.0 10.6

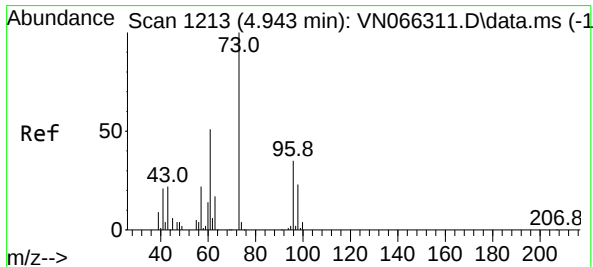
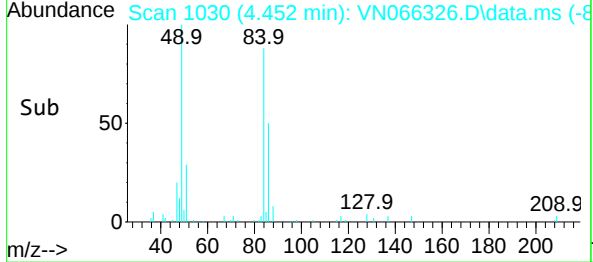
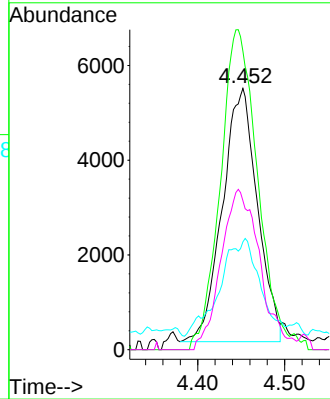
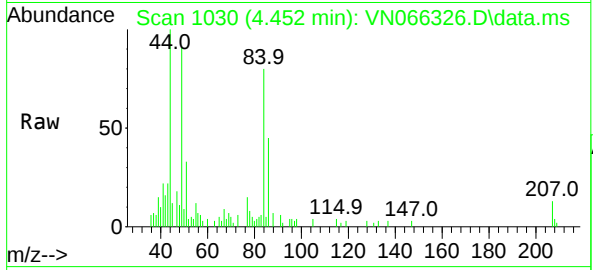




#18  
Methylene Chloride  
Concen: 2.77 ug/l  
RT: 4.452 min Scan# 1030  
Delta R.T. -0.005 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

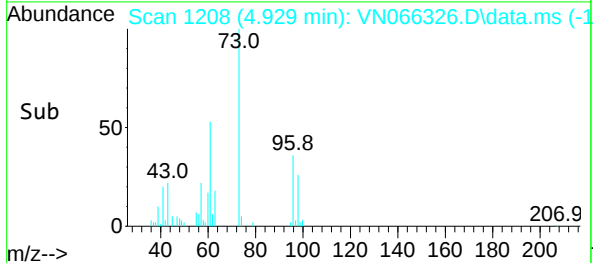
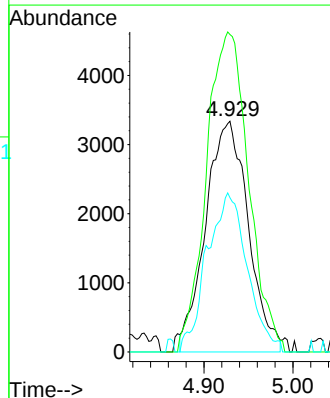
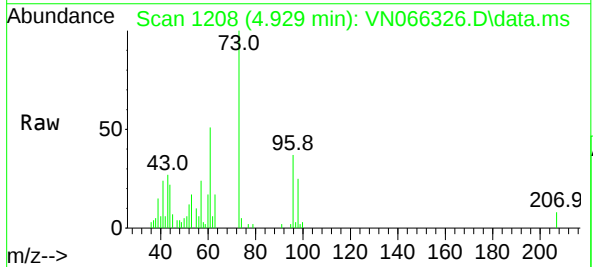
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

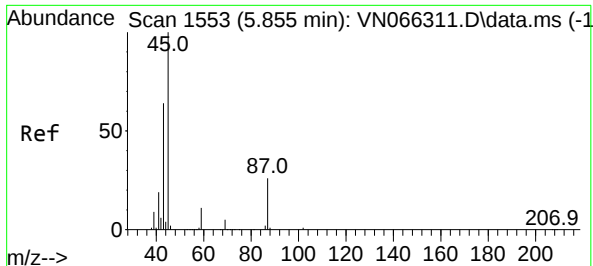
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 14945 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 117.8 | 98.9  | 148.3 |
| 51       | 35.9  | 30.8  | 46.2  |
| 86       | 58.8  | 51.0  | 76.4  |



#19  
trans-1,2-Dichloroethene  
Concen: 2.23 ug/l  
RT: 4.929 min Scan# 1208  
Delta R.T. -0.014 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 11075 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 139.7 | 113.4 | 170.0 |
| 98       | 70.5  | 51.0  | 76.4  |





#20

Diisopropyl ether

Concen: 2.03 ug/l

RT: 5.860 min Scan# 1555

Delta R.T. 0.005 min

Lab File: VN066326.D

Acq: 25 Mar 2021 12:14

Instrument :

MSVOA\_N

ClientSampleId :

MDL-WATER-03-QT1-2021

Tgt Ion: 45 Resp: 36390

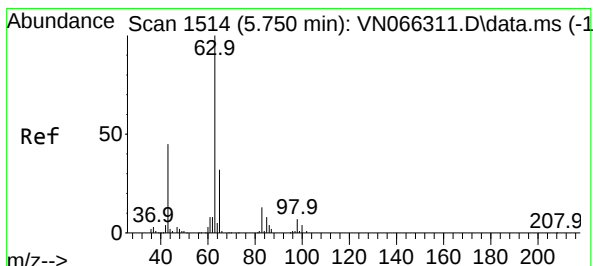
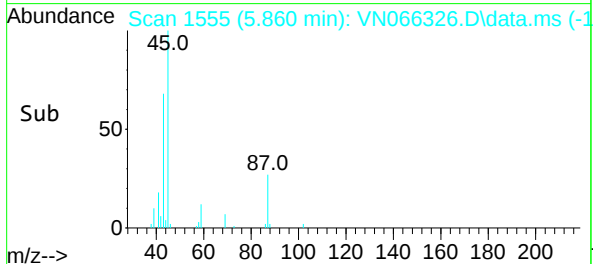
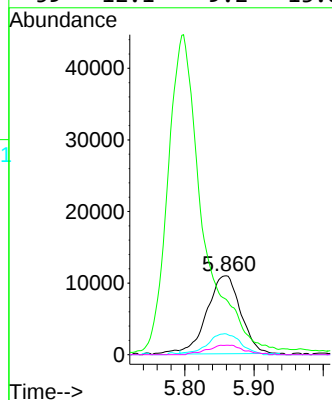
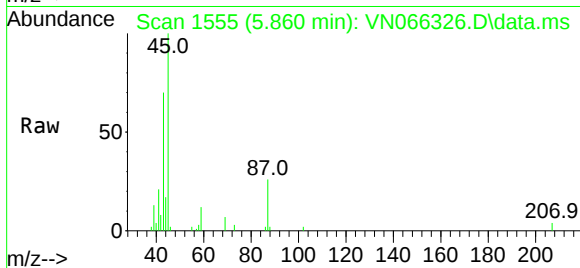
Ion Ratio Lower Upper

45 100

43 64.0 51.4 77.2

87 26.8 21.4 32.0

59 12.1 9.2 13.8



#21

1,1-Dichloroethane

Concen: 2.18 ug/l

RT: 5.745 min Scan# 1512

Delta R.T. -0.005 min

Lab File: VN066326.D

Acq: 25 Mar 2021 12:14

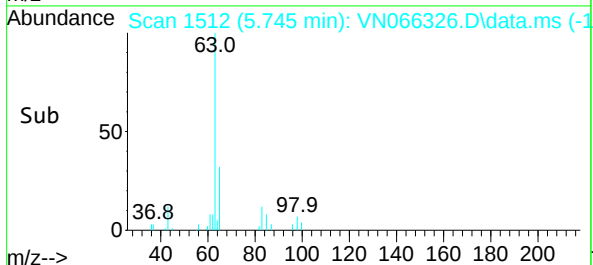
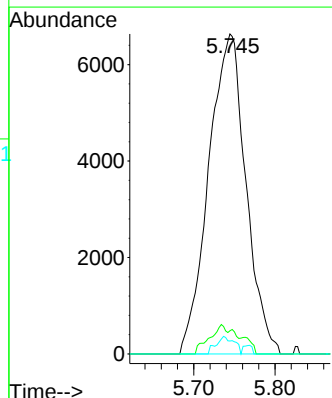
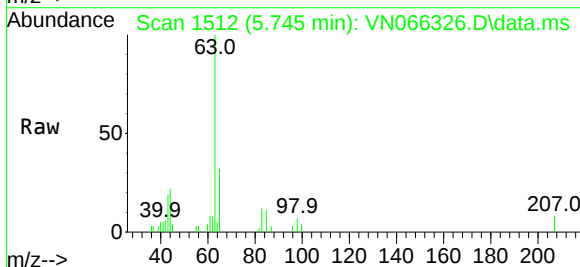
Tgt Ion: 63 Resp: 21102

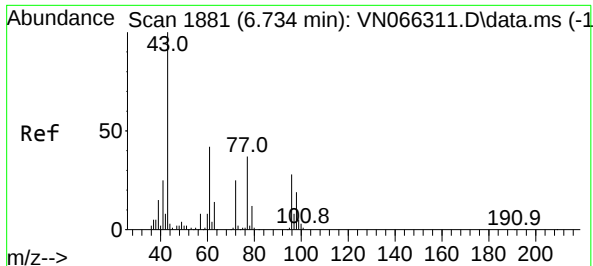
Ion Ratio Lower Upper

63 100

98 7.3 3.3 9.9

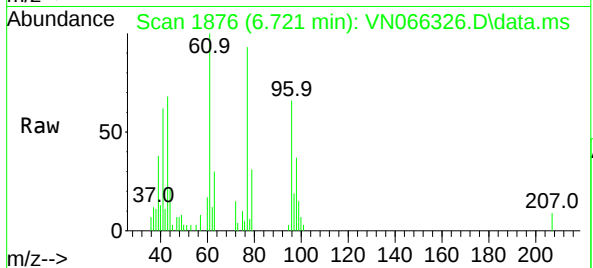
100 4.1 1.9 5.7



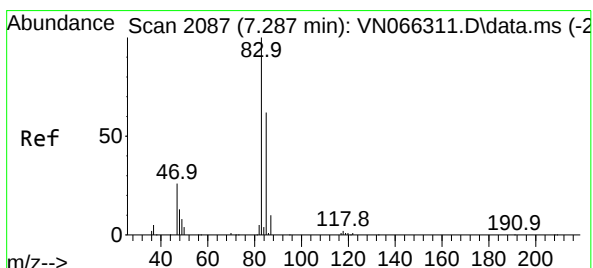
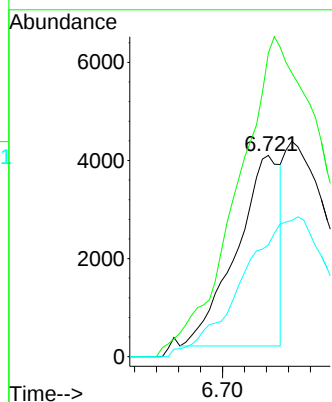
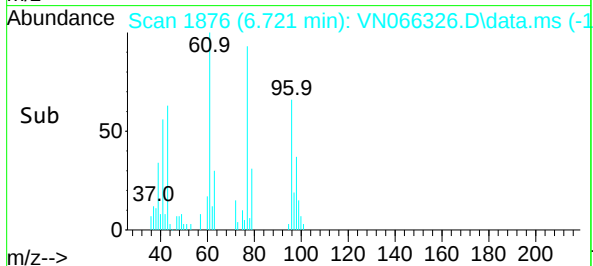


#22  
cis-1,2-Dichloroethene  
Concen: 0.90 ug/l  
RT: 6.721 min Scan# 1876  
Delta R.T. -0.013 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

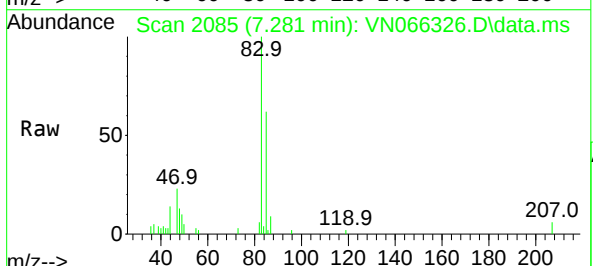
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021



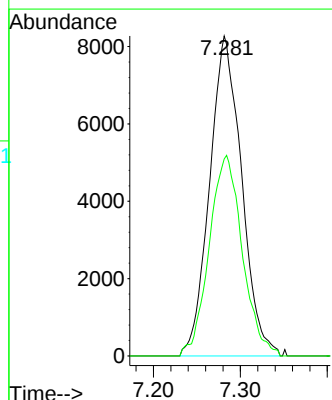
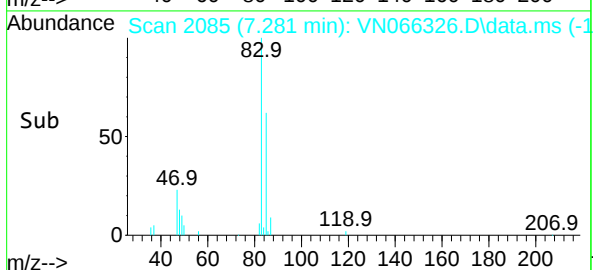
Tgt Ion: 96 Resp: 5361  
Ion Ratio Lower Upper  
96 100  
61 349.7 119.4 179.0#  
98 150.2 51.5 77.3#

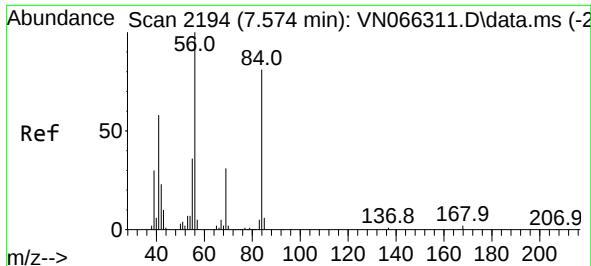


#25  
Chloroform  
Concen: 2.17 ug/l  
RT: 7.281 min Scan# 2085  
Delta R.T. -0.006 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14



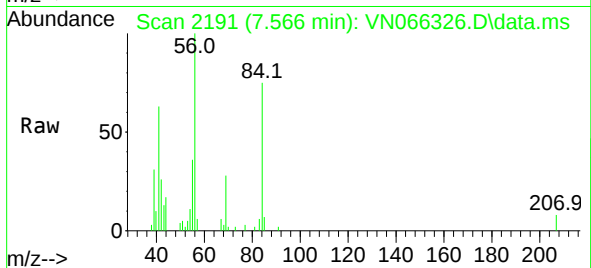
Tgt Ion: 83 Resp: 21186  
Ion Ratio Lower Upper  
83 100  
85 63.8 49.4 74.2



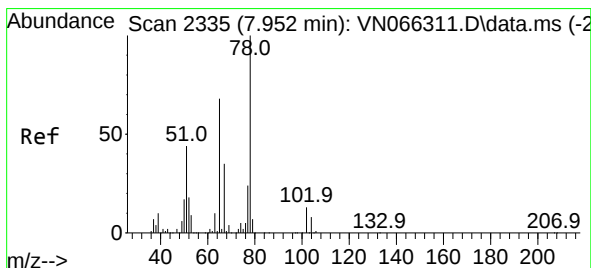
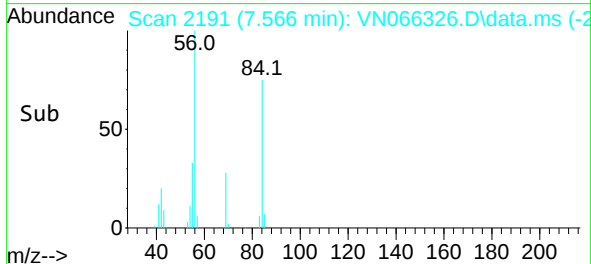
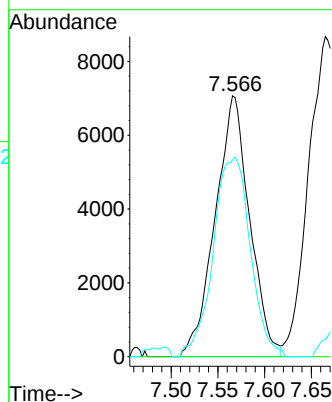


#26  
Cyclohexane  
Concen: 2.11 ug/l  
RT: 7.566 min Scan# 2191  
Delta R.T. -0.008 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

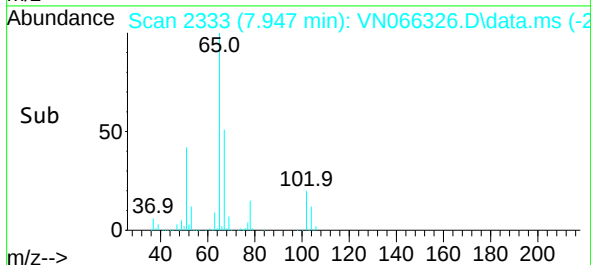
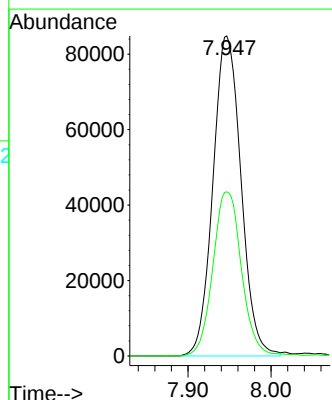
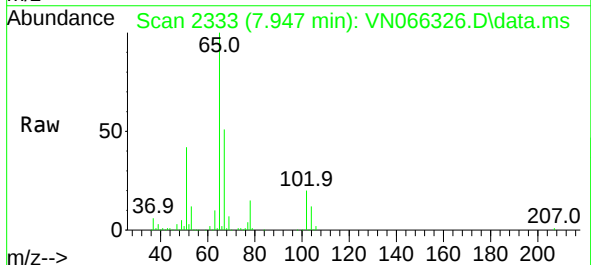


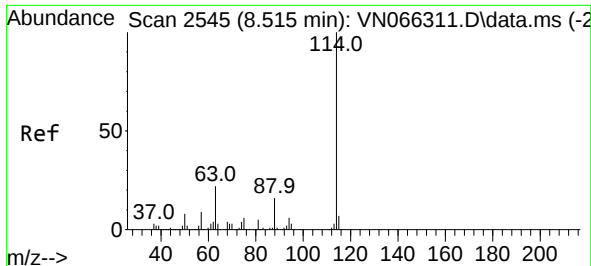
Tgt Ion: 56 Resp: 18116  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 82.4 65.4 98.2



#27  
1,2-Dichloroethane-d4  
Concen: 29.67 ug/l  
RT: 7.947 min Scan# 2333  
Delta R.T. -0.005 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

Tgt Ion: 65 Resp: 199263  
Ion Ratio Lower Upper  
65 100  
67 52.2 42.2 63.4





#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.512 min Scan# 2544

Delta R.T. -0.003 min

Lab File: VN066326.D

Acq: 25 Mar 2021 12:14

Tgt Ion: 114 Resp: 466417

Ion Ratio Lower Upper

114 100

63 20.9 17.4 26.0

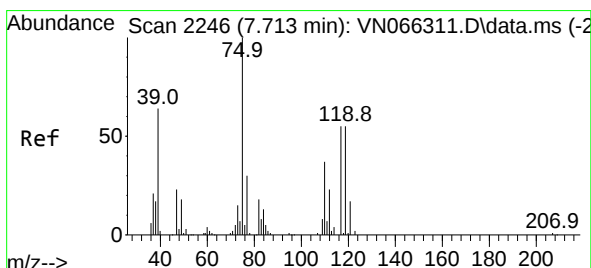
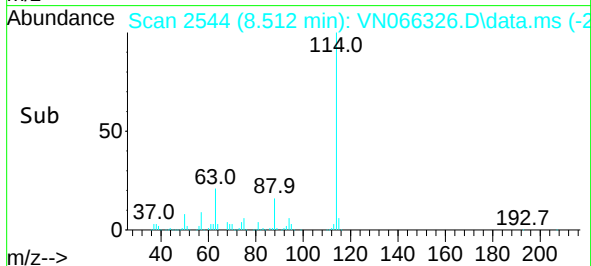
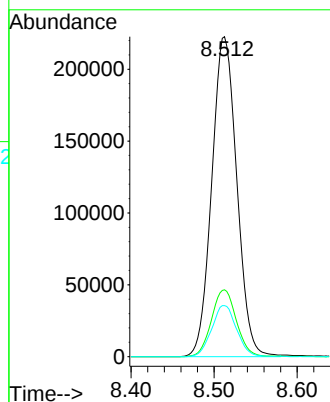
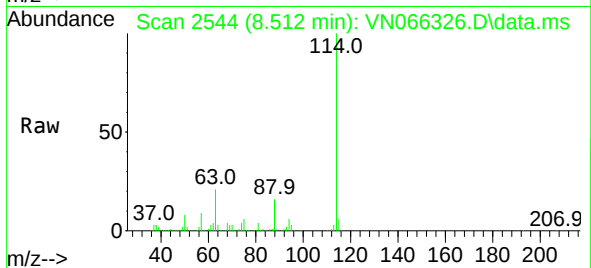
88 15.9 12.6 19.0

Instrument :

MSVOA\_N

ClientSampleId :

MDL-WATER-03-QT1-2021



#29

1,1-Dichloropropene

Concen: 2.14 ug/l

RT: 7.710 min Scan# 2245

Delta R.T. -0.003 min

Lab File: VN066326.D

Acq: 25 Mar 2021 12:14

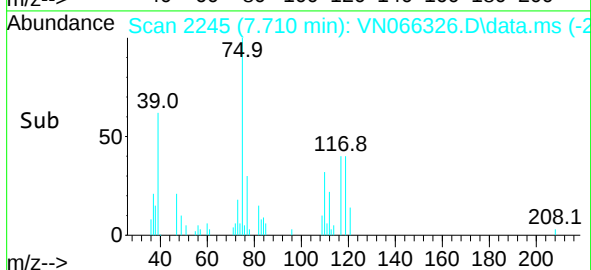
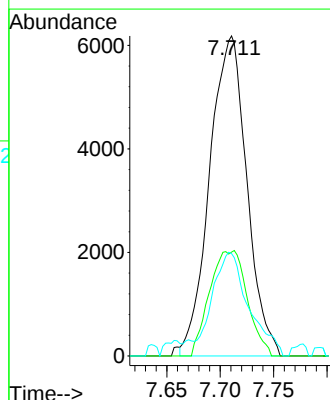
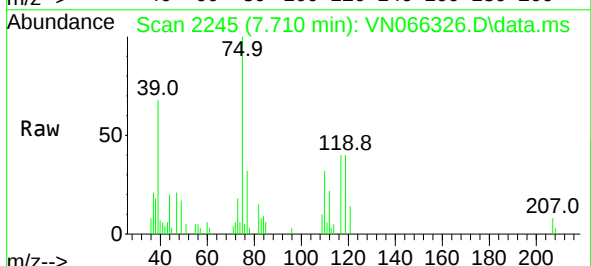
Tgt Ion: 75 Resp: 14959

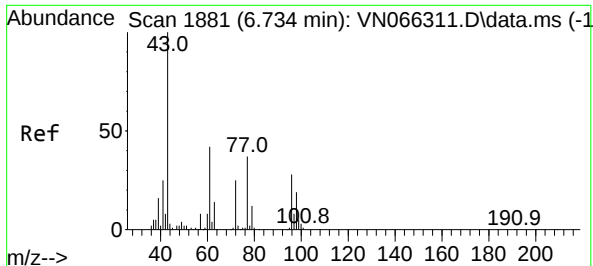
Ion Ratio Lower Upper

75 100

110 17.8 0.0 69.4

77 31.7 0.0 60.6

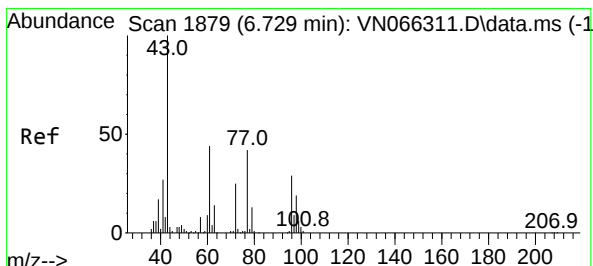
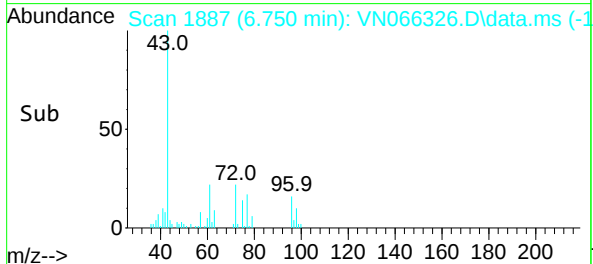
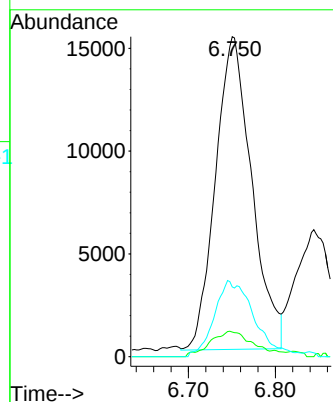
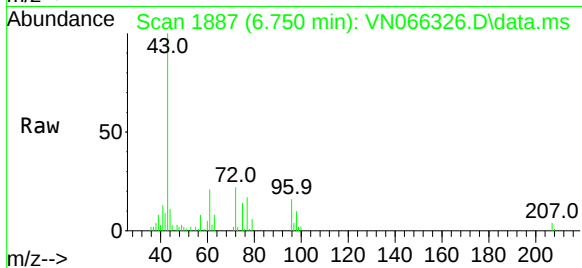




#30  
2-Butanone  
Concen: 10.77 ug/l  
RT: 6.750 min Scan# 1887  
Delta R.T. 0.016 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

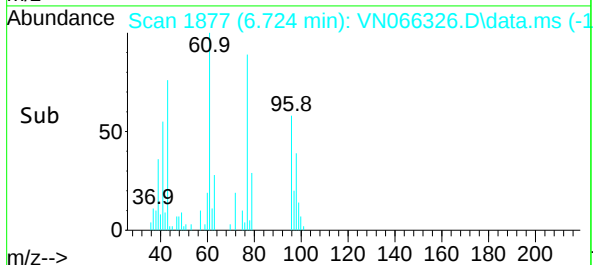
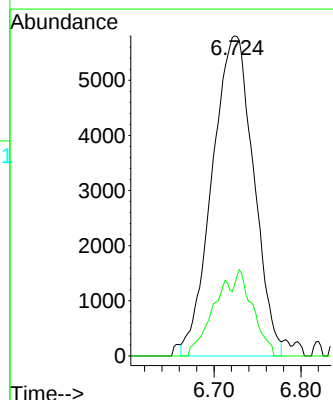
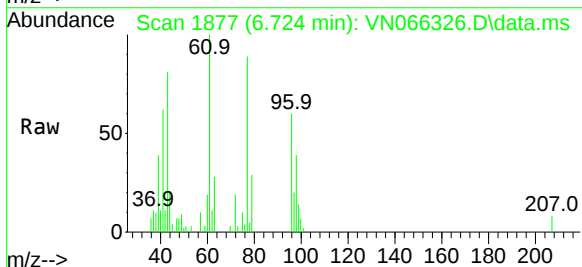
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

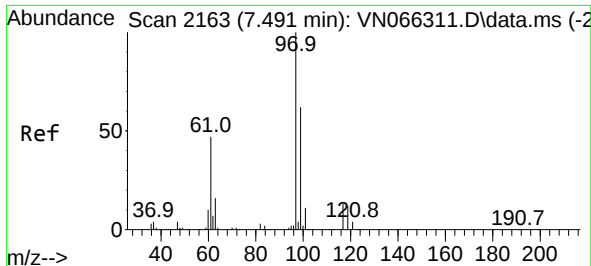
Tgt Ion: 43 Resp: 44029  
Ion Ratio Lower Upper  
43 100  
57 5.9 6.9 10.3#  
72 13.5 20.9 31.3#



#31  
2,2-Dichloropropane  
Concen: 2.22 ug/l  
RT: 6.724 min Scan# 1877  
Delta R.T. -0.005 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

Tgt Ion: 77 Resp: 19204  
Ion Ratio Lower Upper  
77 100  
97 12.0 18.1 27.1#

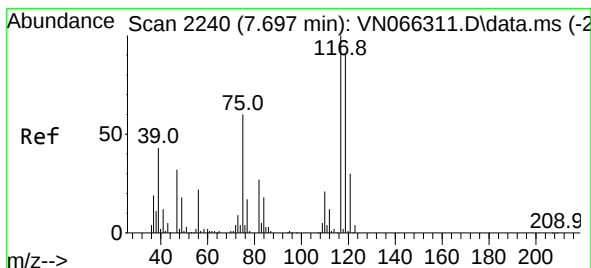
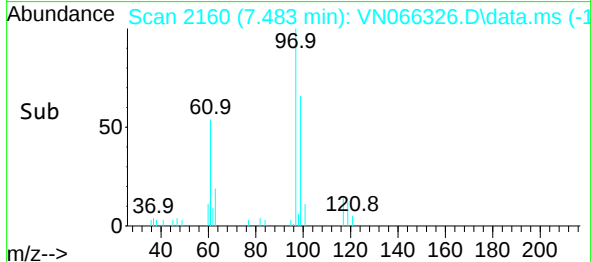
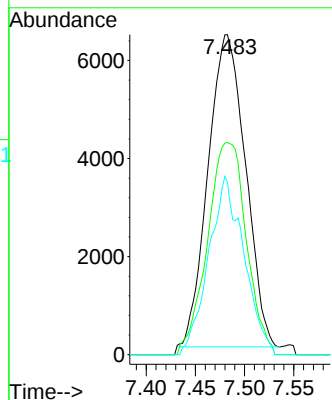
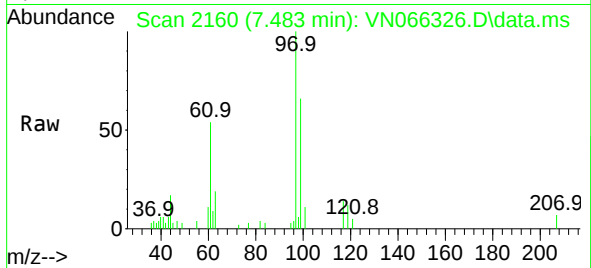




#32  
1,1,1-Trichloroethane  
Concen: 1.99 ug/l  
RT: 7.483 min Scan# 2160  
Delta R.T. -0.008 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

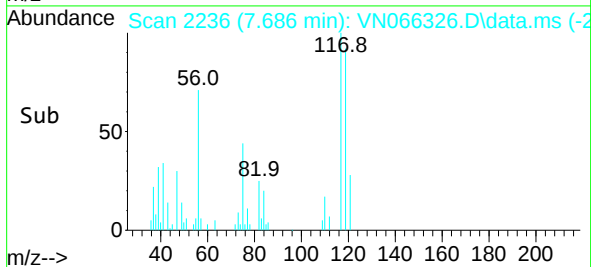
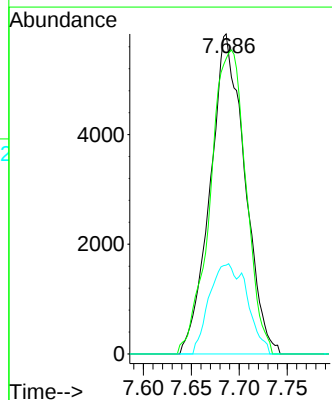
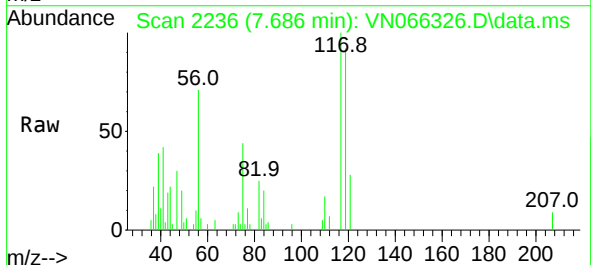
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

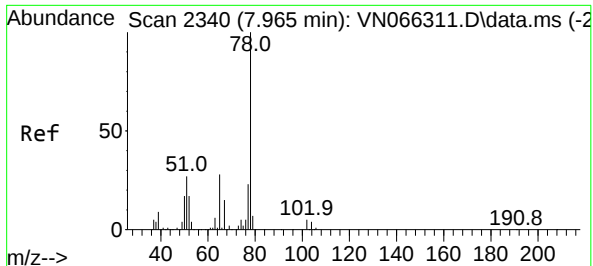
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 16865 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 70.6  | 50.7  | 76.1  |
| 61       | 37.9  | 37.6  | 56.4  |



#33  
Carbon Tetrachloride  
Concen: 2.05 ug/l  
RT: 7.686 min Scan# 2236  
Delta R.T. -0.011 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 14649 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 92.3  | 72.6  | 108.8 |
| 121      | 27.8  | 23.5  | 35.3  |

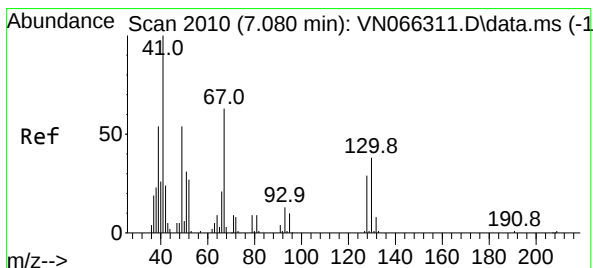
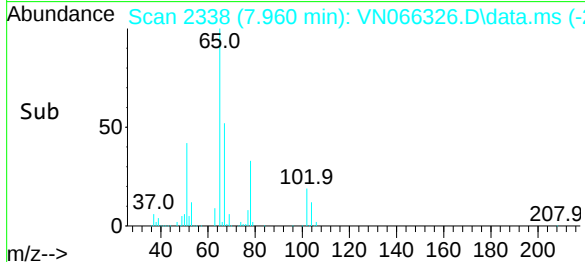
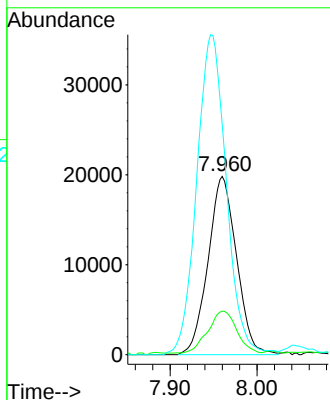
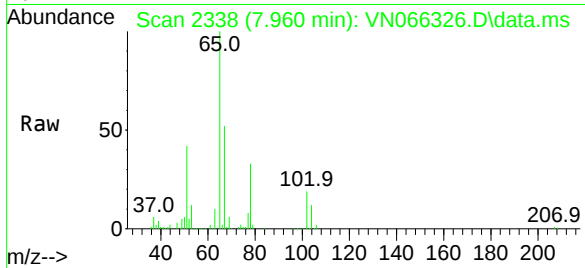




#34  
Benzene  
Concen: 2.12 ug/l  
RT: 7.960 min Scan# 2338  
Delta R.T. -0.005 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

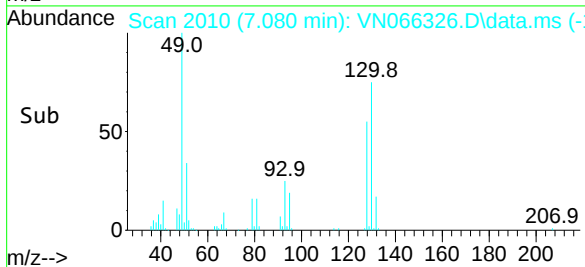
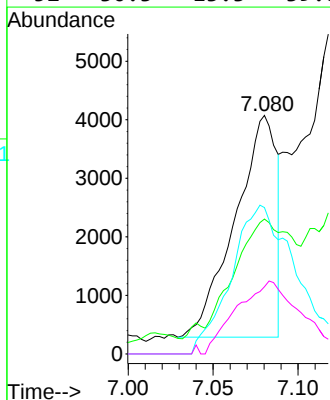
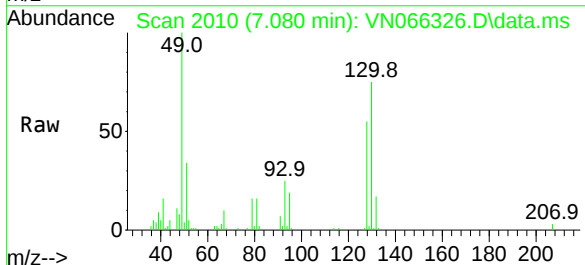
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

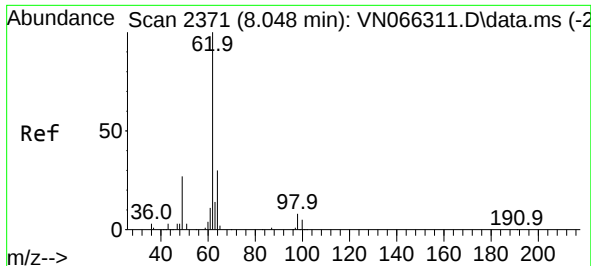
Tgt Ion: 78 Resp: 45111  
Ion Ratio Lower Upper  
78 100  
77 23.3 18.6 27.8  
51 127.4 21.9 32.9#



#35  
Methacrylonitrile  
Concen: 1.86 ug/l  
RT: 7.080 min Scan# 2010  
Delta R.T. 0.000 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

Tgt Ion: 41 Resp: 6439  
Ion Ratio Lower Upper  
41 100  
39 53.9 27.3 81.8  
67 66.0 31.4 94.3  
52 30.3 13.3 39.8

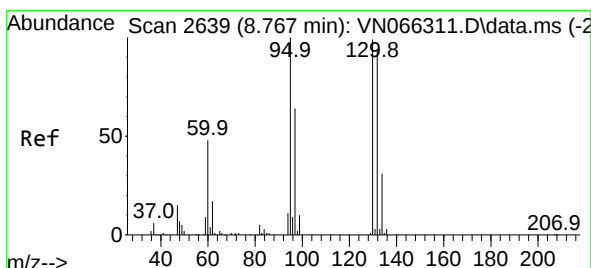
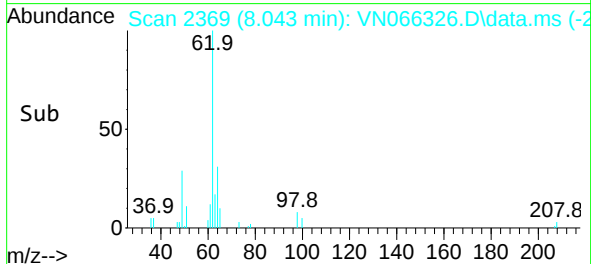
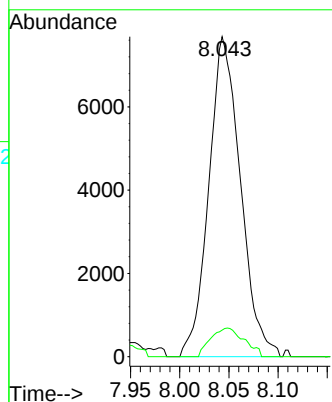
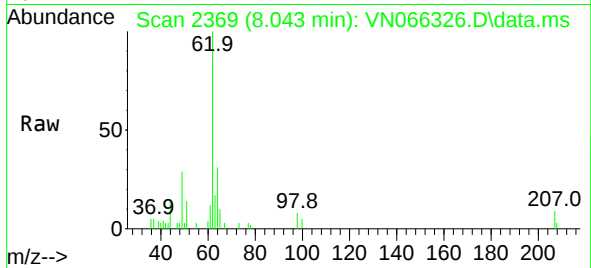




#36  
1,2-Dichloroethane  
Concen: 2.21 ug/l  
RT: 8.043 min Scan# 2369  
Delta R.T. -0.005 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

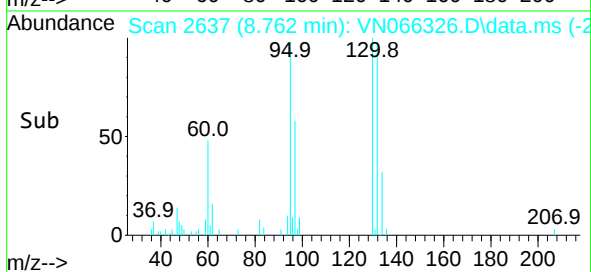
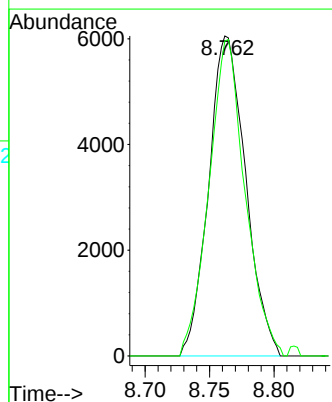
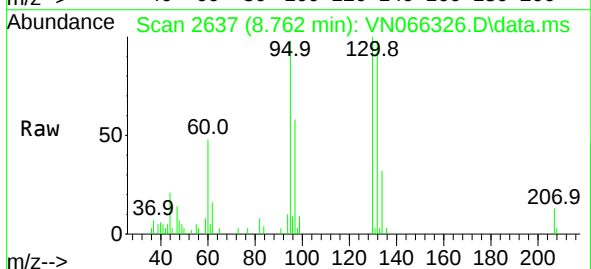
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

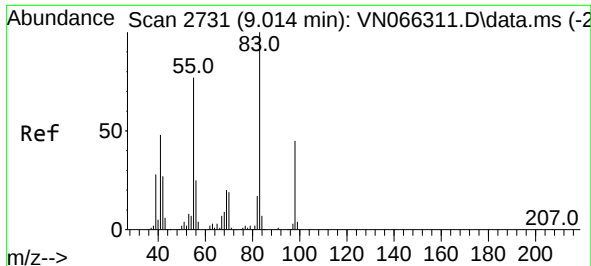
Tgt Ion: 62 Resp: 17205  
Ion Ratio Lower Upper  
62 100  
98 7.6 6.9 10.3



#37  
Trichloroethene  
Concen: 2.18 ug/l  
RT: 8.762 min Scan# 2637  
Delta R.T. -0.005 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

Tgt Ion: 130 Resp: 12081  
Ion Ratio Lower Upper  
130 100  
95 98.4 80.7 121.1

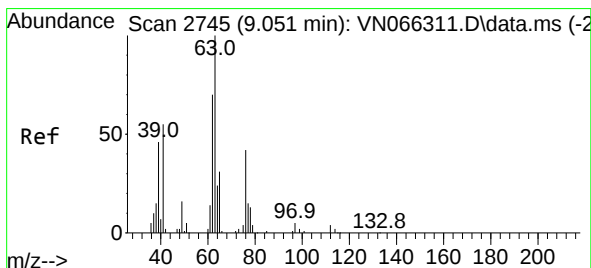
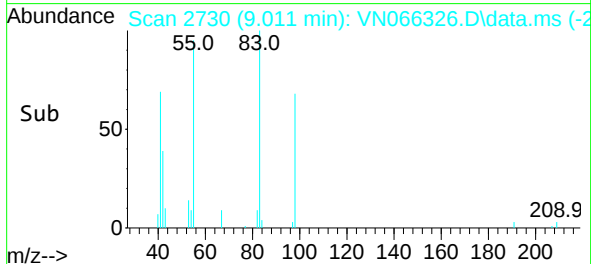
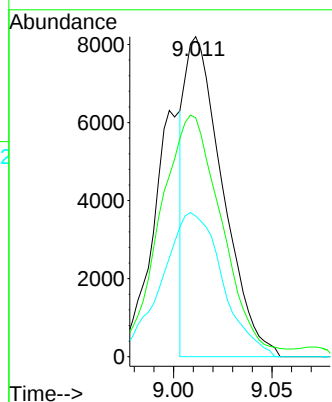
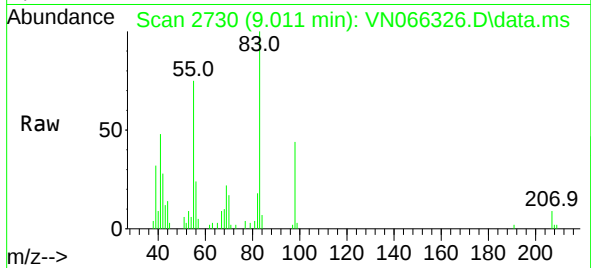




#38  
Methylcyclohexane  
Concen: 1.27 ug/l  
RT: 9.011 min Scan# 2730  
Delta R.T. -0.003 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

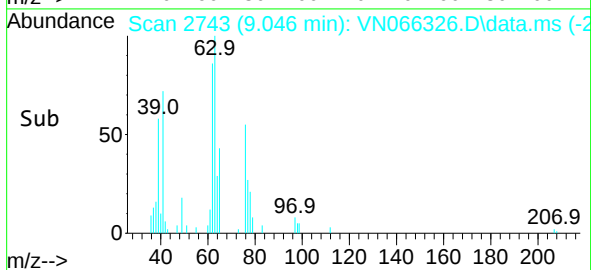
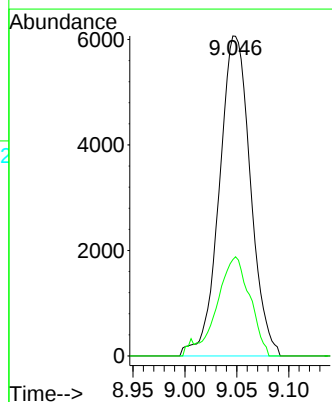
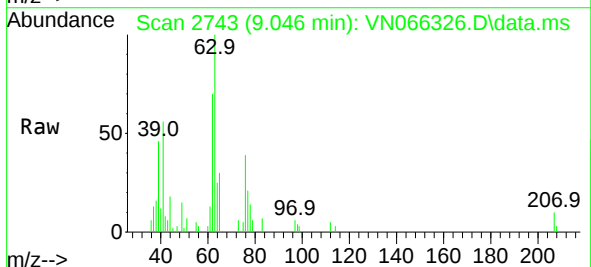
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

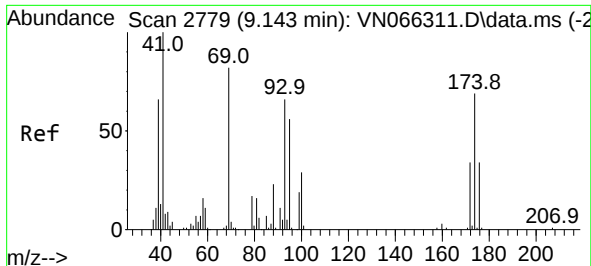
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 10978 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 113.4 | 38.8  | 116.3 |
| 98       | 72.3  | 22.2  | 66.6# |



#39  
1,2-Dichloropropane  
Concen: 2.20 ug/l  
RT: 9.046 min Scan# 2743  
Delta R.T. -0.005 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 12655 |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 65       | 30.1  | 24.9  | 37.3  |

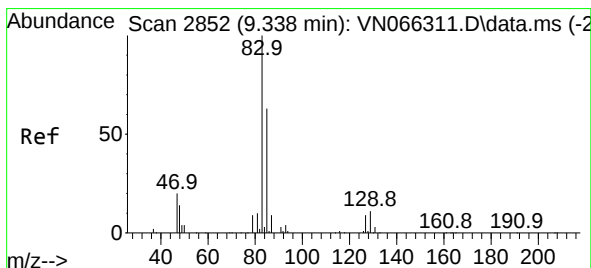
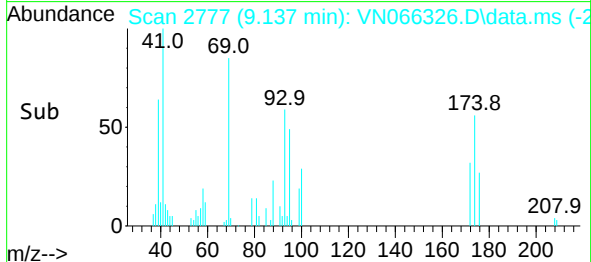
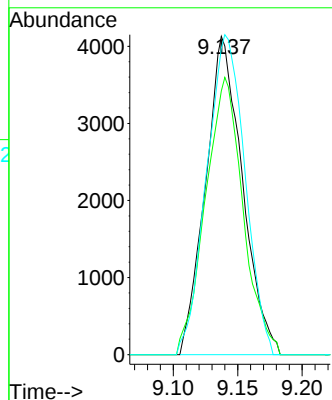
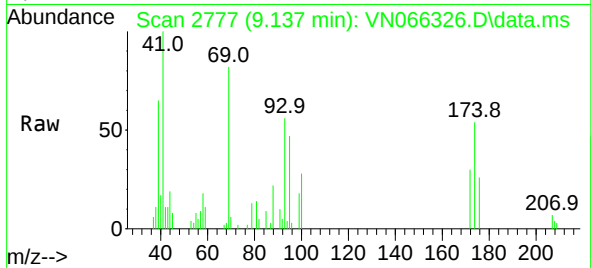




#40  
Dibromomethane  
Concen: 2.22 ug/l  
RT: 9.137 min Scan# 2777  
Delta R.T. -0.006 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

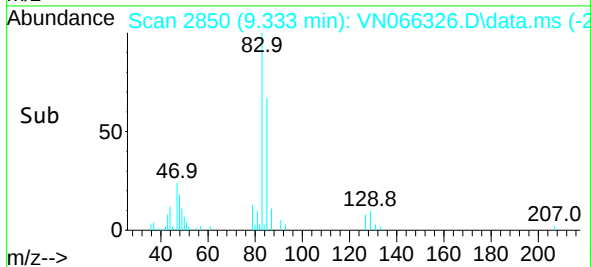
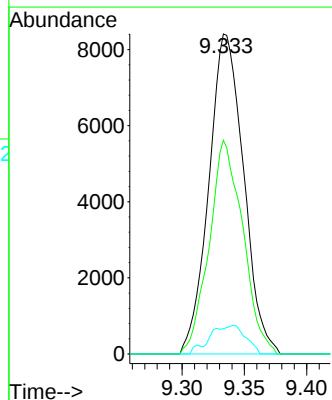
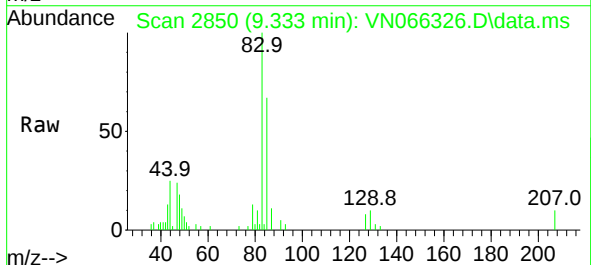
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

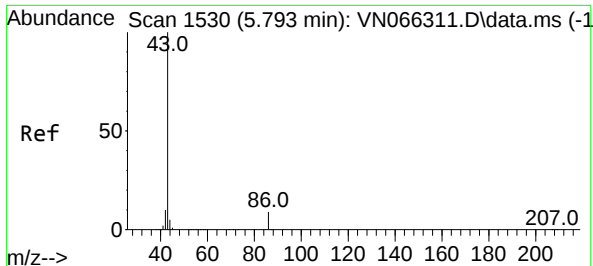
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 8213  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 95       | 88.7  | 0.0   | 169.0 |
| 174      | 104.1 | 0.0   | 205.8 |



#41  
Bromodichloromethane  
Concen: 2.08 ug/l  
RT: 9.333 min Scan# 2850  
Delta R.T. -0.005 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 16296 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 66.8  | 50.6  | 75.8  |
| 127      | 7.9   | 6.9   | 10.3  |

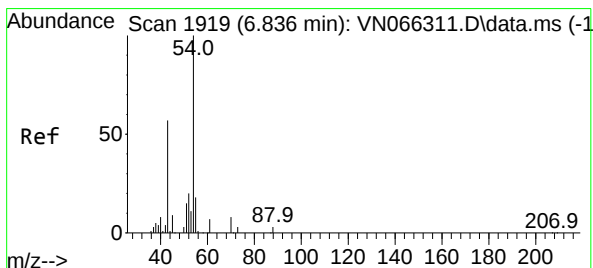
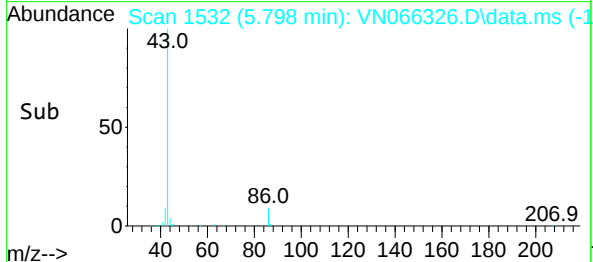
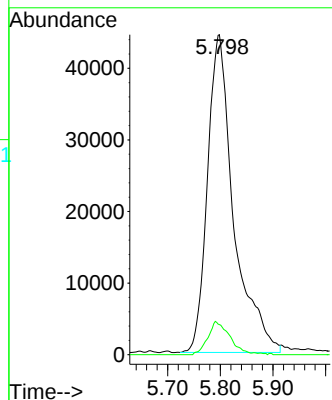
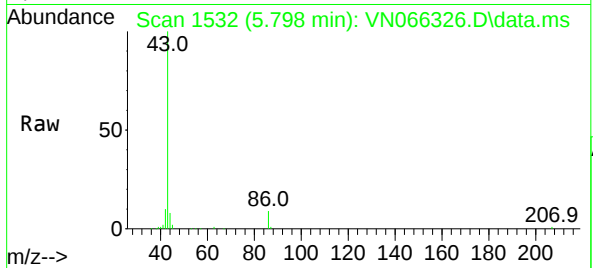




#42  
 Vinyl Acetate  
 Concen: 9.97 ug/l  
 RT: 5.798 min Scan# 1532  
 Delta R.T. 0.005 min  
 Lab File: VN066326.D  
 Acq: 25 Mar 2021 12:14

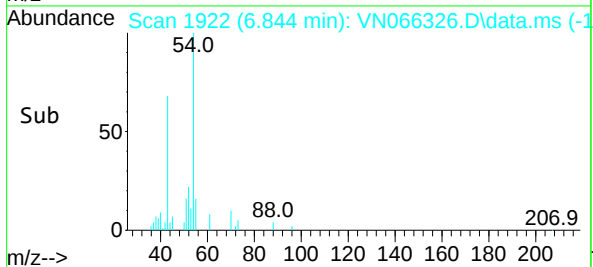
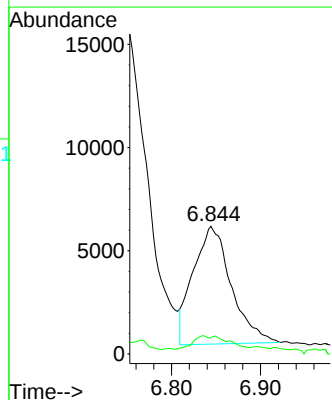
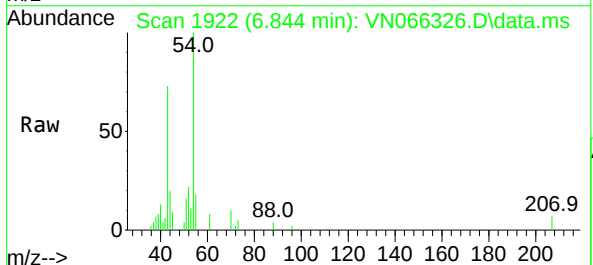
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MDL-WATER-03-QT1-2021

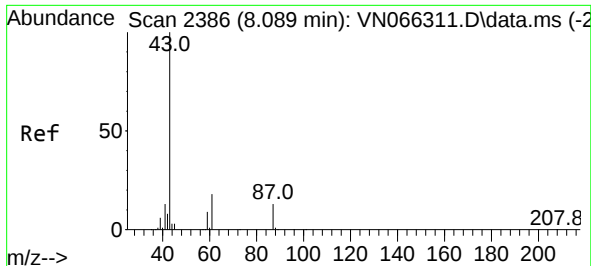
Tgt Ion: 43 Resp: 153617  
 Ion Ratio Lower Upper  
 43 100  
 86 8.6 6.7 10.1



#43  
 Ethyl Acetate  
 Concen: 2.15 ug/l  
 RT: 6.844 min Scan# 1922  
 Delta R.T. 0.008 min  
 Lab File: VN066326.D  
 Acq: 25 Mar 2021 12:14

Tgt Ion: 43 Resp: 16903  
 Ion Ratio Lower Upper  
 43 100  
 45 4.5 0.0 0.0#

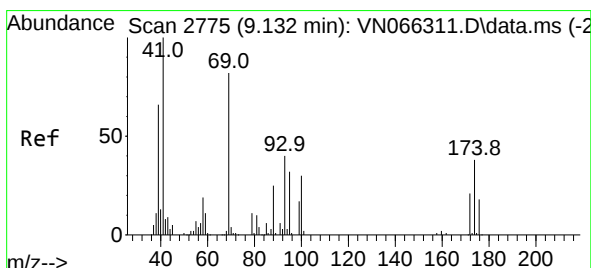
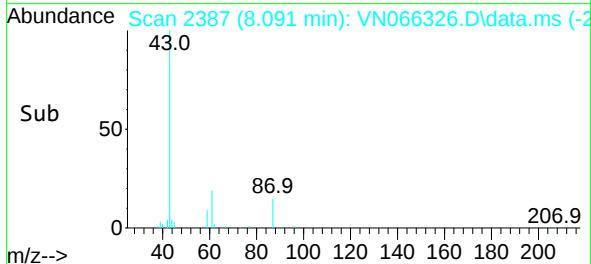
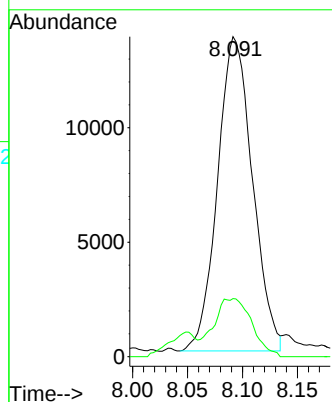
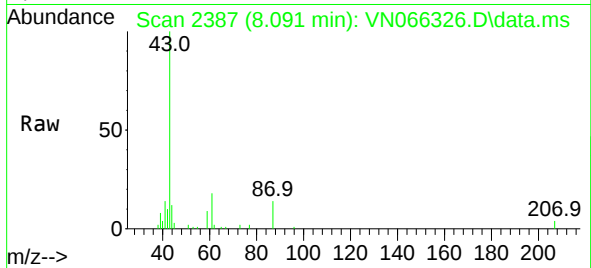




#44  
Isopropyl Acetate  
Concen: 2.16 ug/l  
RT: 8.091 min Scan# 2387  
Delta R.T. 0.002 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

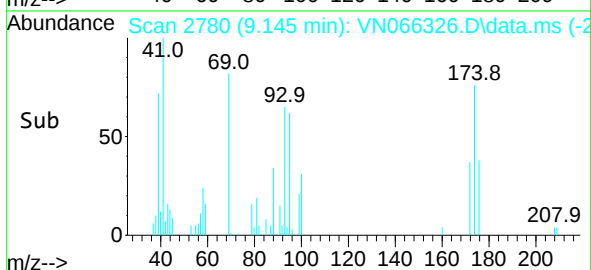
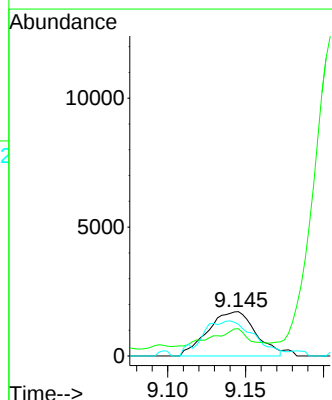
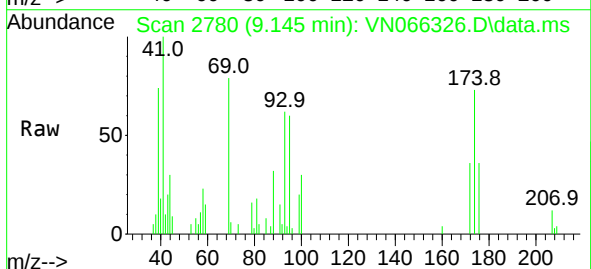
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

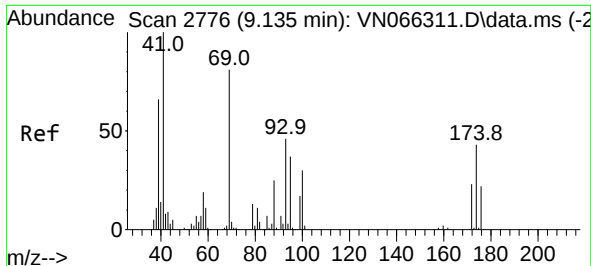
Tgt Ion: 43 Resp: 30345  
Ion Ratio Lower Upper  
43 100  
61 5.3 0.0 0.0#



#45  
1,4-Dioxane  
Concen: 40.71 ug/l  
RT: 9.145 min Scan# 2780  
Delta R.T. 0.013 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

Tgt Ion: 88 Resp: 3651  
Ion Ratio Lower Upper  
88 100  
43 11.9 27.0 40.4#  
58 0.0 57.9 86.9#

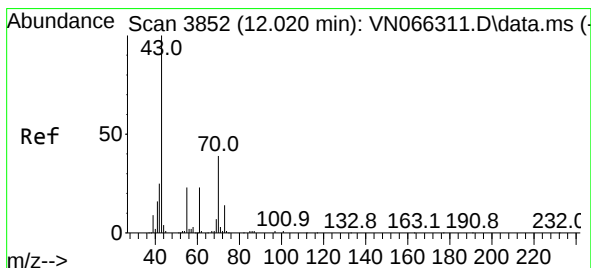
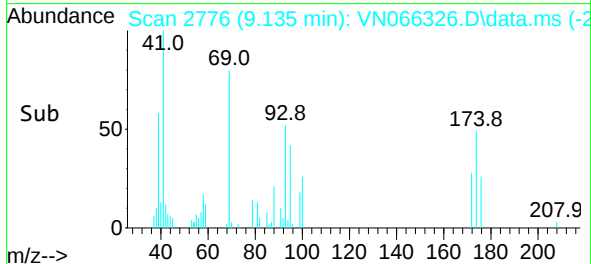
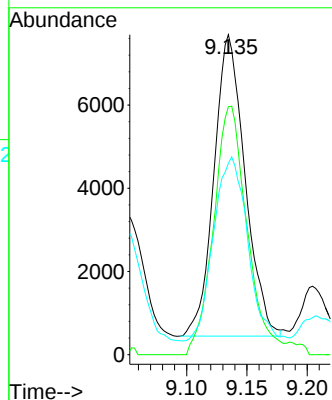
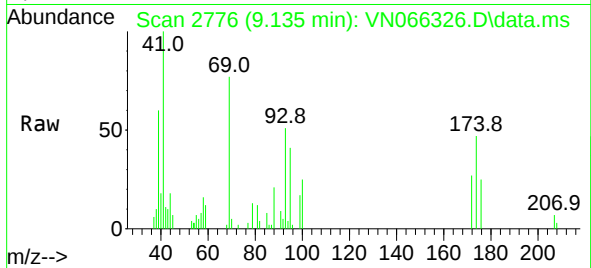




#46  
Methyl methacrylate  
Concen: 1.97 ug/l  
RT: 9.135 min Scan# 2776  
Delta R.T. -0.000 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

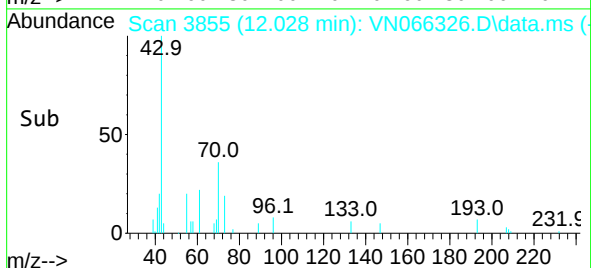
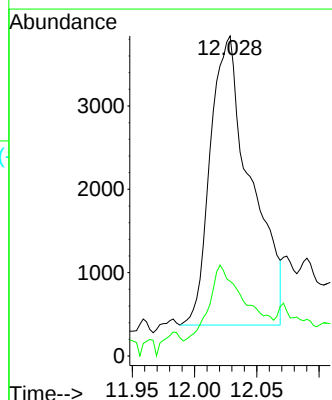
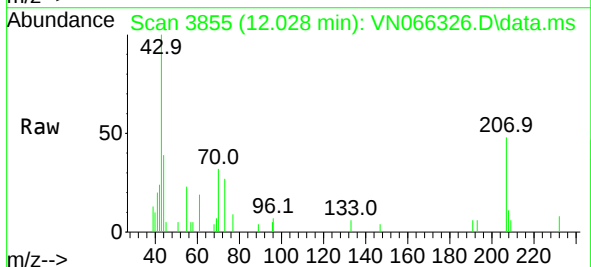
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

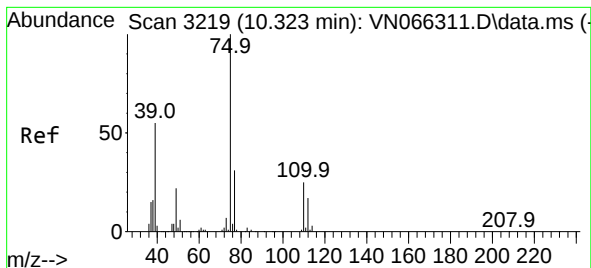
Tgt Ion: 41 Resp: 12954  
Ion Ratio Lower Upper  
41 100  
69 82.3 40.6 121.7  
39 58.9 33.2 99.6



#47  
n-amy1 Acetate  
Concen: 1.37 ug/l  
RT: 12.028 min Scan# 3855  
Delta R.T. 0.008 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

Tgt Ion: 43 Resp: 7813  
Ion Ratio Lower Upper  
43 100  
55 18.5 17.7 26.5

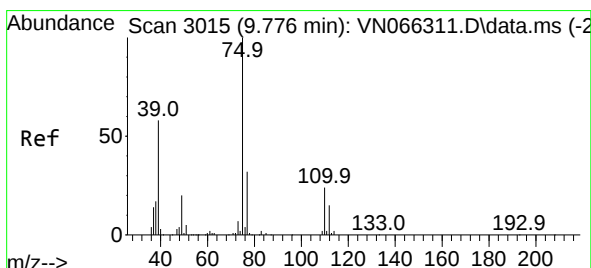
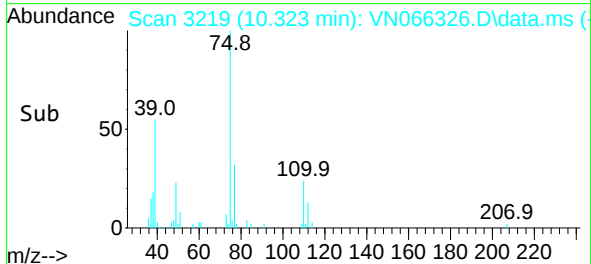
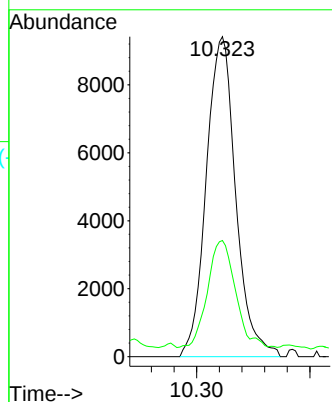
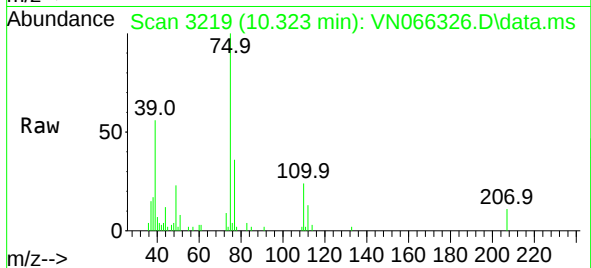




#48  
t-1,3-Dichloropropene  
Concen: 2.00 ug/l  
RT: 10.323 min Scan# 3219  
Delta R.T. -0.000 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

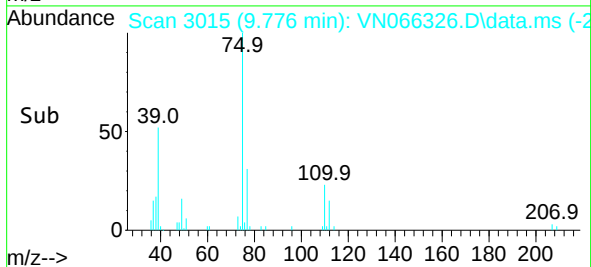
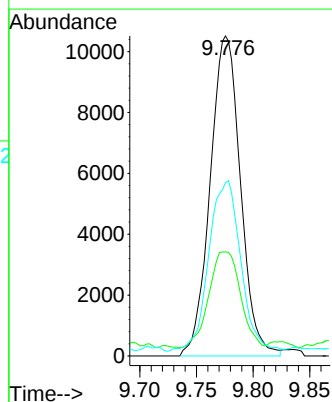
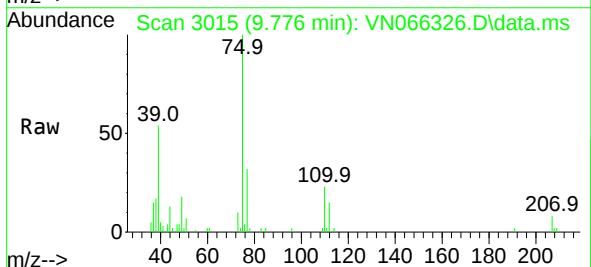
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

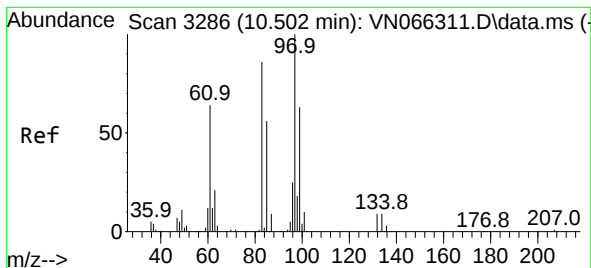
Tgt Ion: 75 Resp: 17013  
Ion Ratio Lower Upper  
75 100  
77 33.3 24.9 37.3



#49  
cis-1,3-Dichloropropene  
Concen: 2.14 ug/l  
RT: 9.776 min Scan# 3015  
Delta R.T. -0.000 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

Tgt Ion: 75 Resp: 19574  
Ion Ratio Lower Upper  
75 100  
77 29.8 25.4 38.0  
39 51.9 46.8 70.2

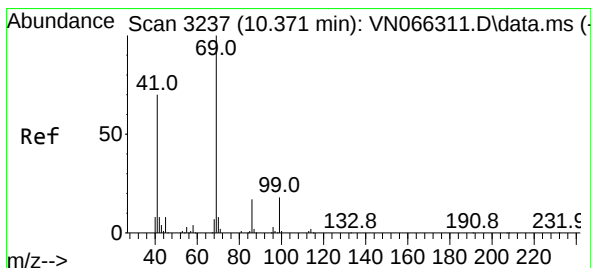
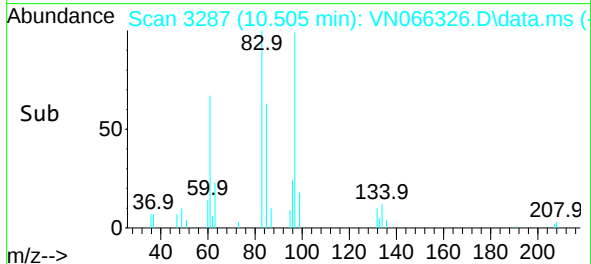
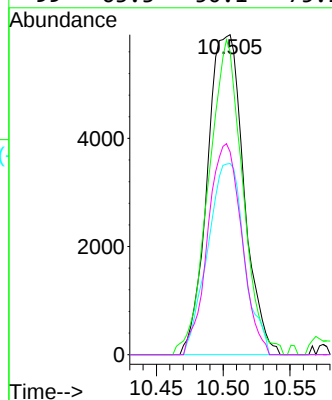
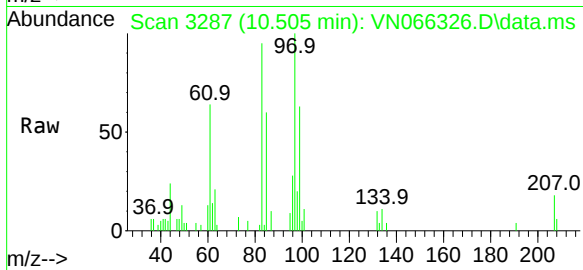




#50  
1,1,2-Trichloroethane  
Concen: 2.13 ug/l  
RT: 10.505 min Scan# 3287  
Delta R.T. 0.003 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

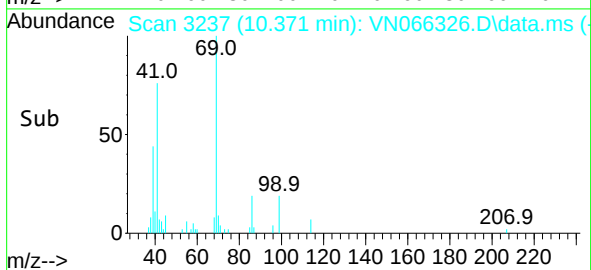
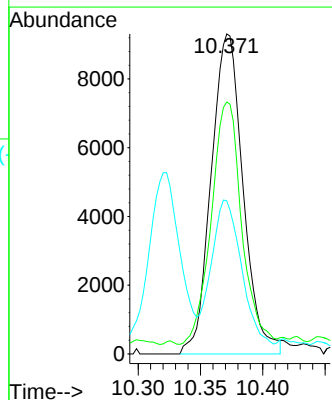
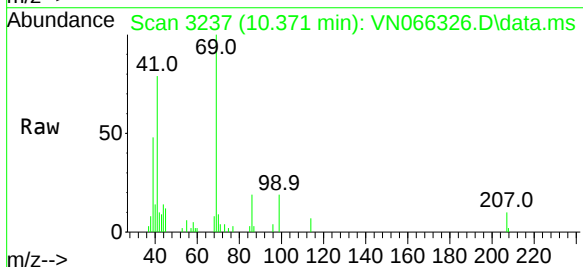
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

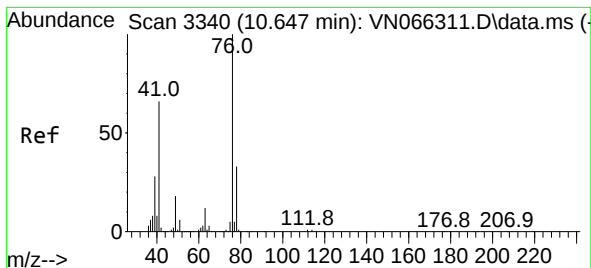
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 11259 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 91.9     | 68.8 103.2  |
| 85 59.7     | 44.8 67.2   |
| 99 63.3     | 50.1 75.1   |



#51  
Ethyl methacrylate  
Concen: 2.00 ug/l  
RT: 10.371 min Scan# 3237  
Delta R.T. 0.000 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 16562 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 75.7     | 34.8 104.5  |
| 39 43.4     | 22.5 67.5   |

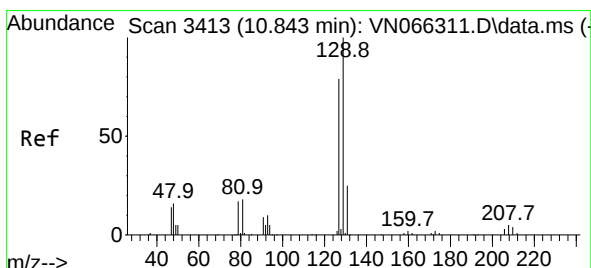
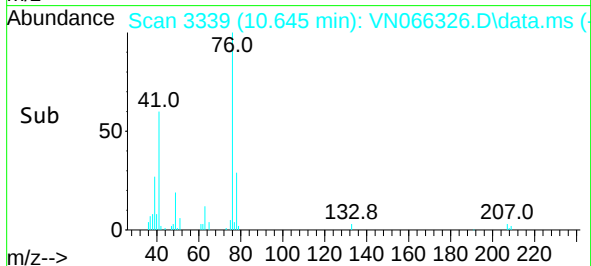
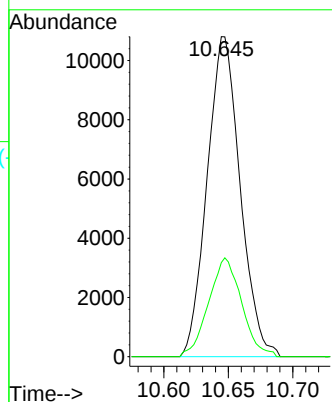
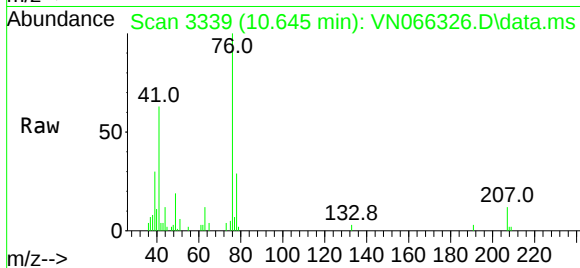




#52  
1,3-Dichloropropane  
Concen: 2.18 ug/l  
RT: 10.645 min Scan# 3339  
Delta R.T. -0.002 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

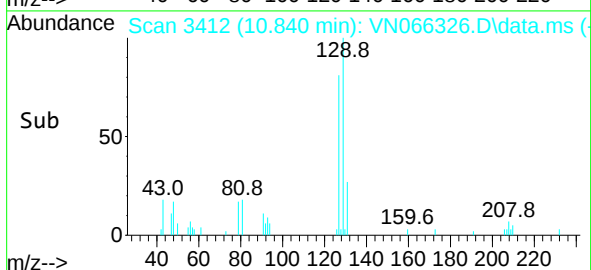
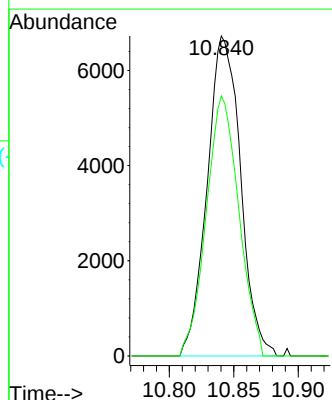
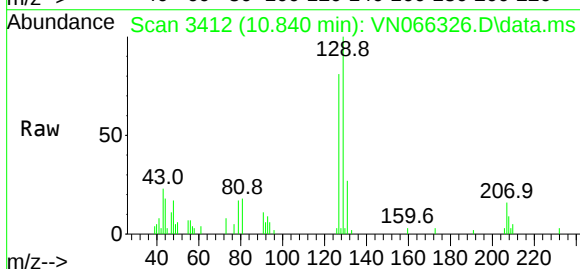
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

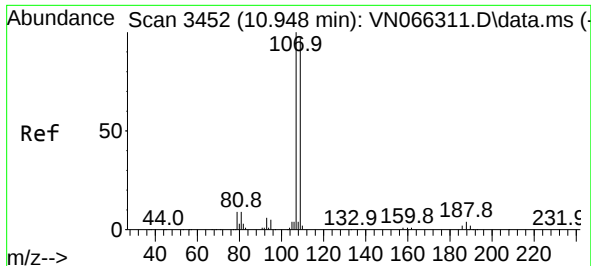
Tgt Ion: 76 Resp: 19259  
Ion Ratio Lower Upper  
76 100  
78 30.8 0.0 65.6



#53  
Dibromochloromethane  
Concen: 2.03 ug/l  
RT: 10.840 min Scan# 3412  
Delta R.T. -0.003 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

Tgt Ion: 129 Resp: 12086  
Ion Ratio Lower Upper  
129 100  
127 79.4 38.6 115.7

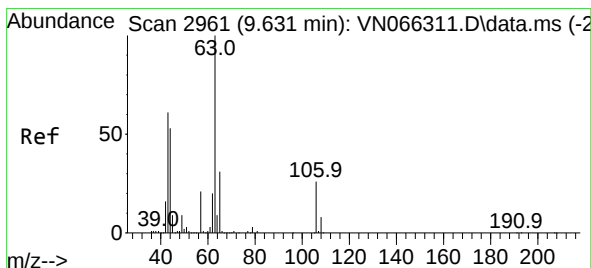
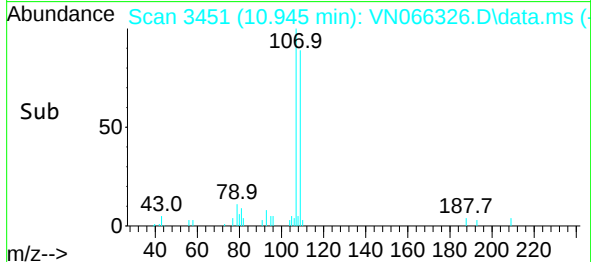
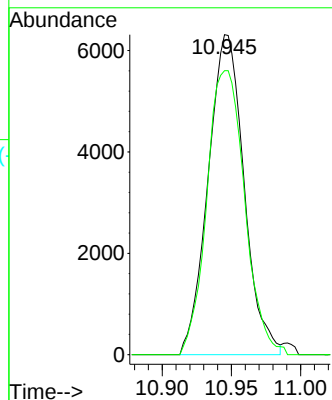
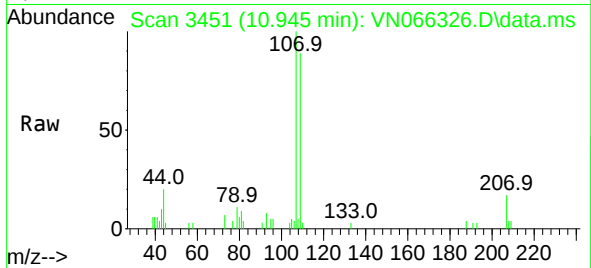




#54  
1,2-Dibromoethane  
Concen: 2.09 ug/l  
RT: 10.945 min Scan# 3451  
Delta R.T. -0.003 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

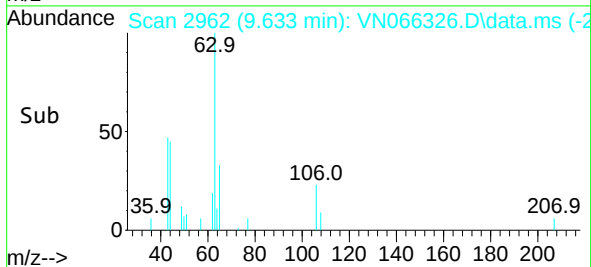
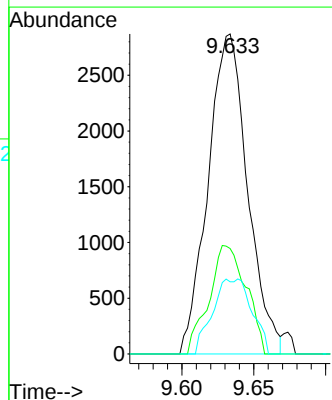
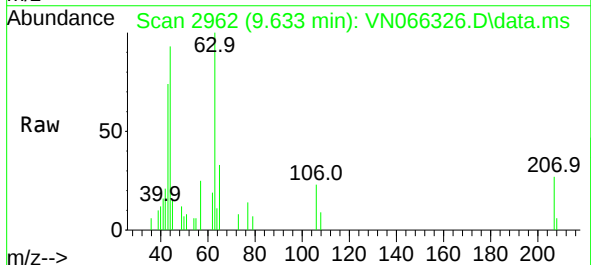
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

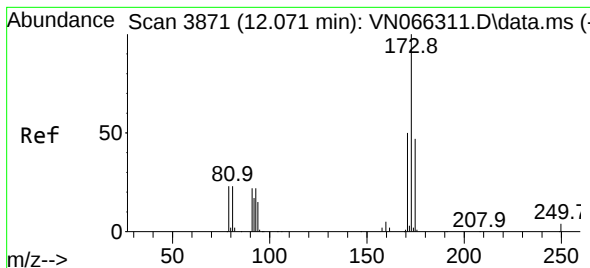
Tgt Ion:107 Resp: 11386  
Ion Ratio Lower Upper  
107 100  
109 93.4 75.8 113.6



#55  
2-Chloroethyl vinyl ether  
Concen: 4.45 ug/l  
RT: 9.633 min Scan# 2962  
Delta R.T. 0.002 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

Tgt Ion: 63 Resp: 5487  
Ion Ratio Lower Upper  
63 100  
65 31.8 26.0 39.0  
106 11.4 20.6 31.0#

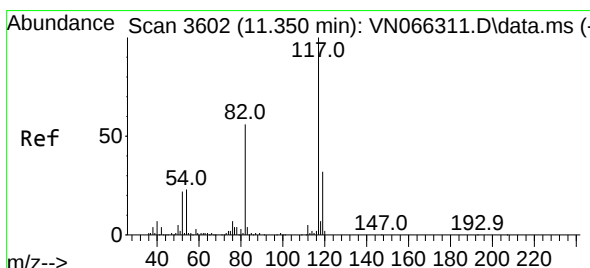
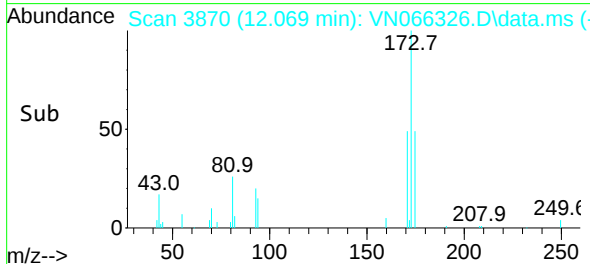
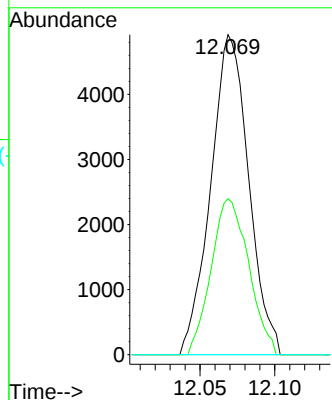
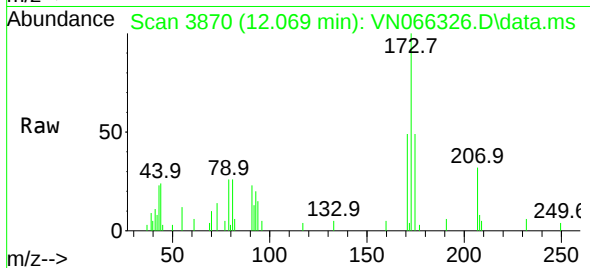




#56  
Bromoform  
Concen: 1.99 ug/l  
RT: 12.069 min Scan# 3870  
Delta R.T. -0.002 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

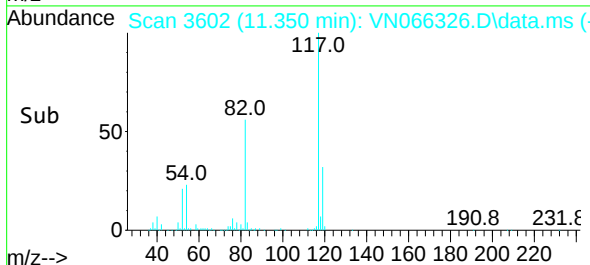
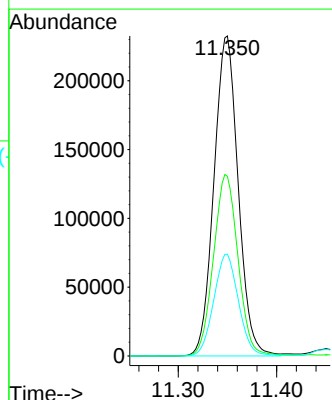
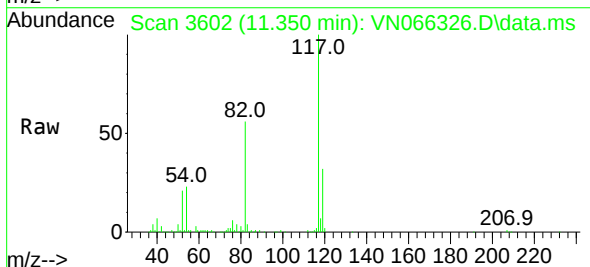
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

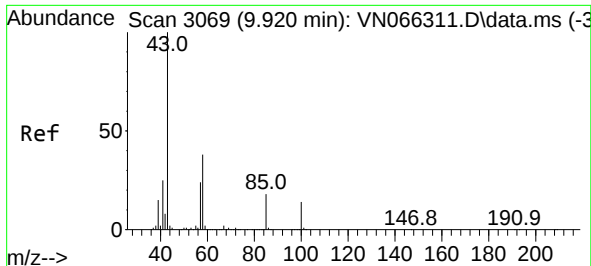
Tgt Ion:173 Resp: 8686  
Ion Ratio Lower Upper  
173 100  
175 48.2 38.3 57.5  
254 0.0 0.0 0.0



#57  
Chlorobenzene-d5  
Concen: 30.00 ug/l  
RT: 11.350 min Scan# 3602  
Delta R.T. -0.000 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

Tgt Ion:117 Resp: 398824  
Ion Ratio Lower Upper  
117 100  
82 57.4 45.0 67.6  
119 32.4 25.5 38.3

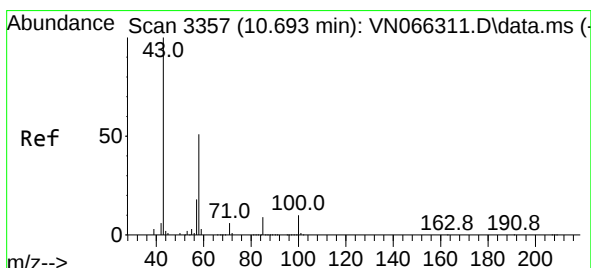
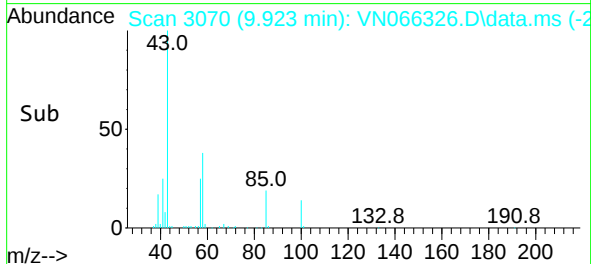
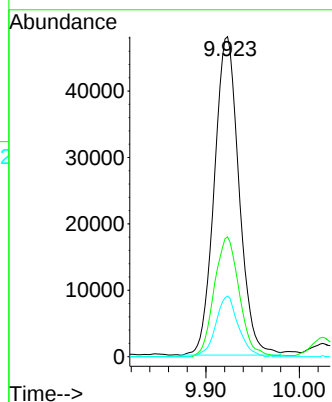
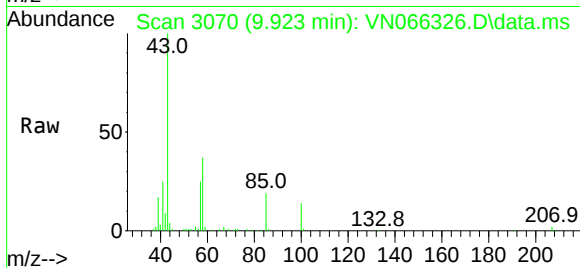




#58  
4-Methyl-2-Pentanone  
Concen: 11.01 ug/l  
RT: 9.923 min Scan# 3070  
Delta R.T. 0.003 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

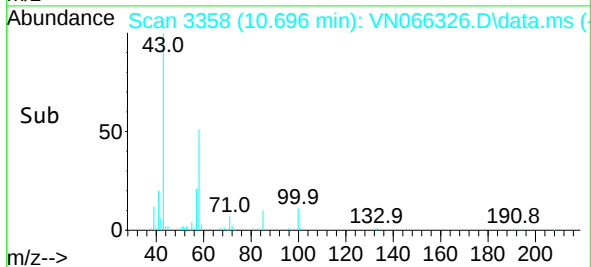
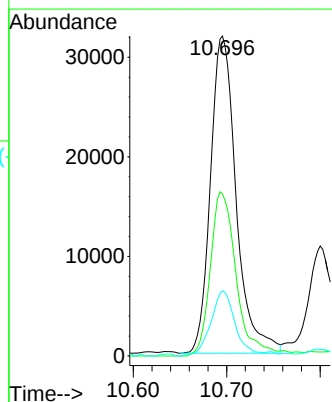
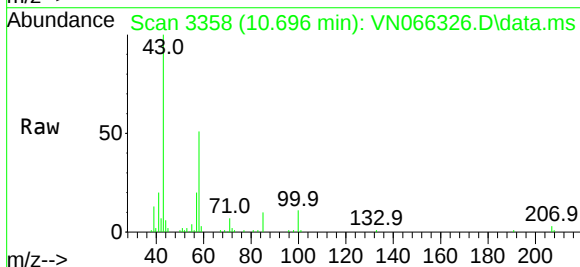
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

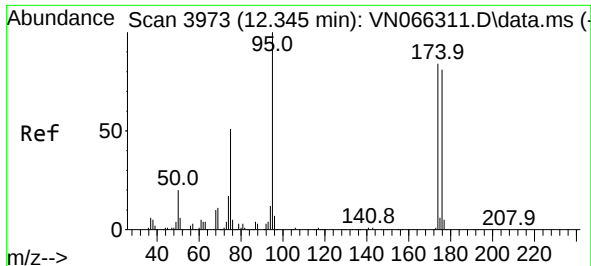
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 87985 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 58        | 38.1  | 30.4  | 45.6  |
| 85        | 17.5  | 13.8  | 20.8  |



#59  
2-Hexanone  
Concen: 11.11 ug/l  
RT: 10.696 min Scan# 3358  
Delta R.T. 0.003 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 61064 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 58        | 51.5  | 41.8  | 62.6  |
| 57        | 19.5  | 14.9  | 22.3  |

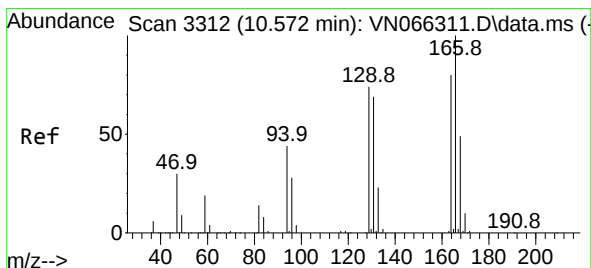
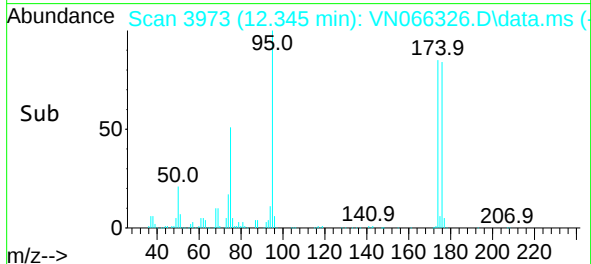
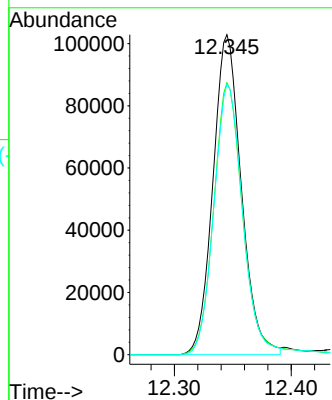
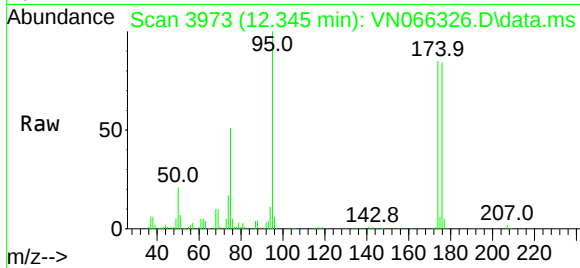




#60  
4-Bromofluorobenzene  
Concen: 27.89 ug/l  
RT: 12.345 min Scan# 3973  
Delta R.T. -0.000 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

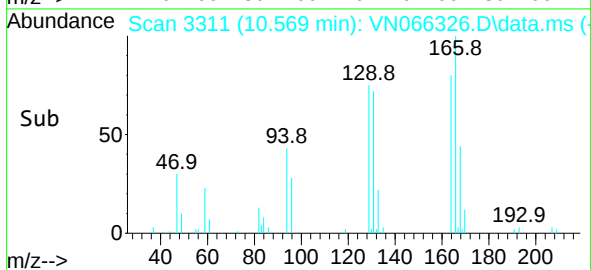
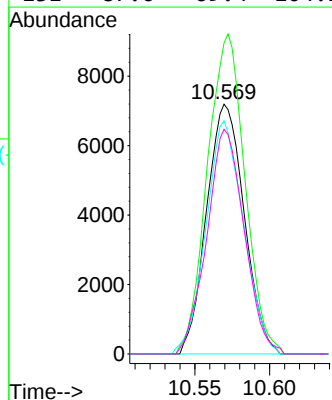
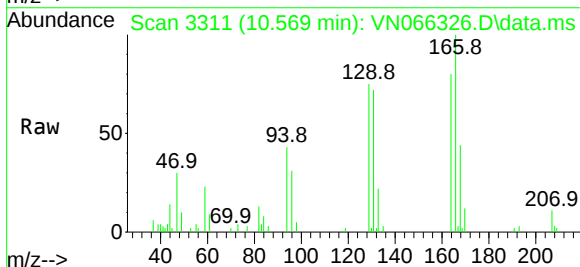
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

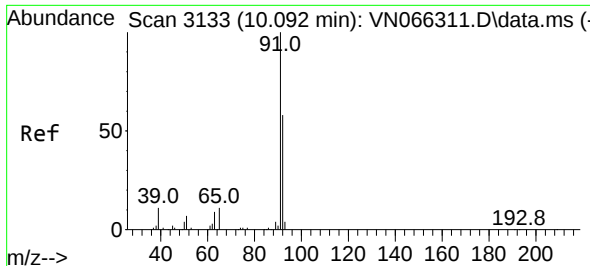
Tgt Ion: 95 Resp: 173579  
Ion Ratio Lower Upper  
95 100  
174 87.7 68.1 102.1  
176 85.6 65.4 98.0



#61  
Tetrachloroethene  
Concen: 2.29 ug/l  
RT: 10.569 min Scan# 3311  
Delta R.T. -0.003 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

Tgt Ion: 164 Resp: 12589  
Ion Ratio Lower Upper  
164 100  
166 122.0 100.5 150.7  
129 93.3 74.7 112.1  
131 87.6 69.4 104.2

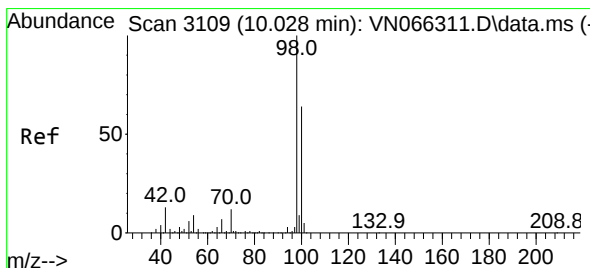
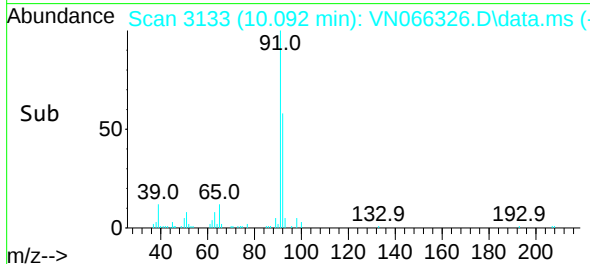
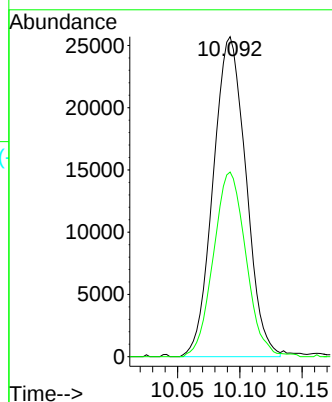
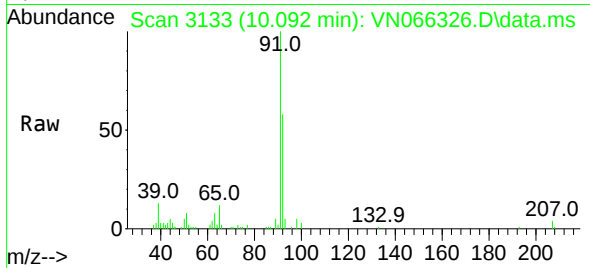




#62  
Toluene  
Concen: 2.13 ug/l  
RT: 10.092 min Scan# 3133  
Delta R.T. 0.000 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

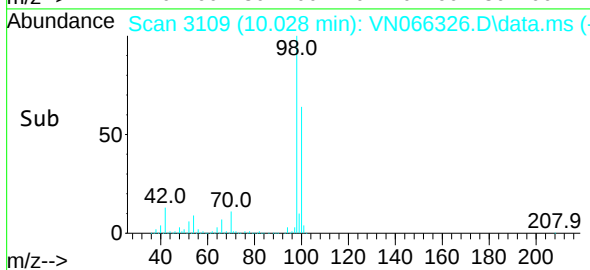
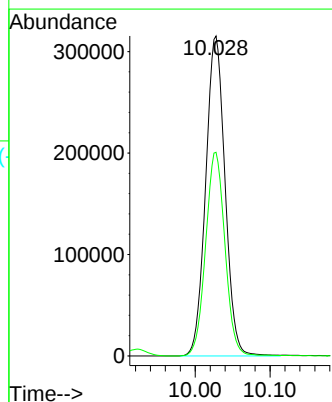
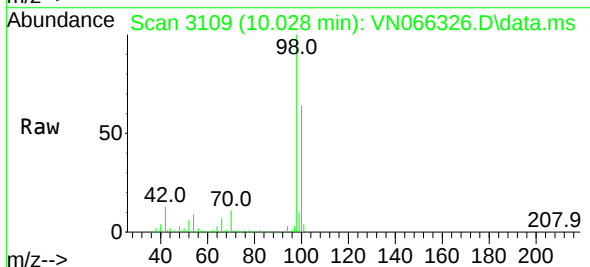
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

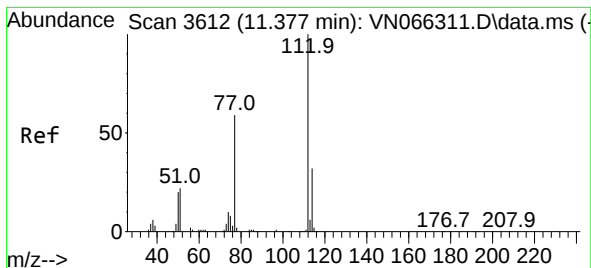
Tgt Ion: 91 Resp: 46986  
Ion Ratio Lower Upper  
91 100  
92 57.3 46.2 69.2



#63  
Toluene-d8  
Concen: 30.33 ug/l  
RT: 10.028 min Scan# 3109  
Delta R.T. -0.000 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

Tgt Ion: 98 Resp: 567656  
Ion Ratio Lower Upper  
98 100  
100 63.5 51.1 76.7

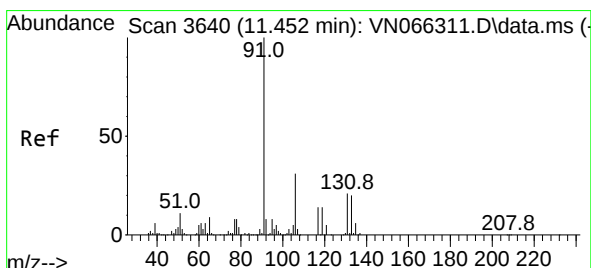
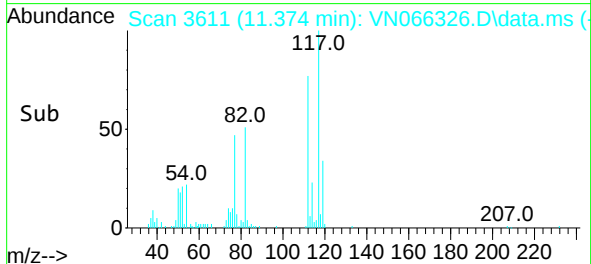
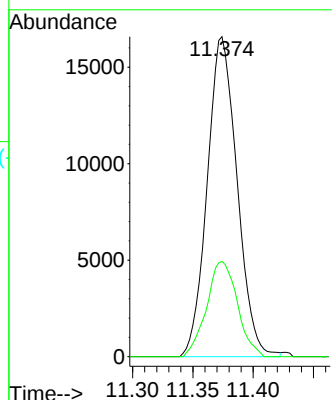
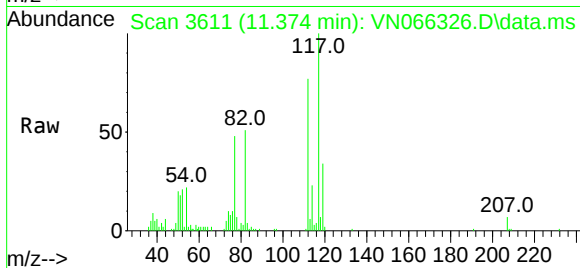




#64  
Chlorobenzene  
Concen: 2.20 ug/l  
RT: 11.374 min Scan# 3611  
Delta R.T. -0.003 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

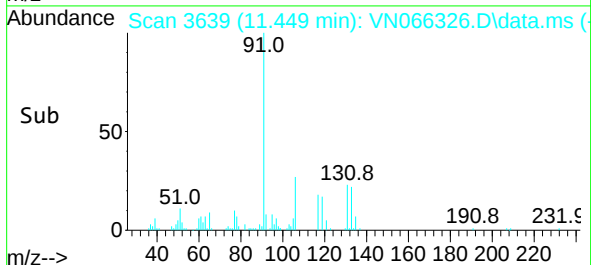
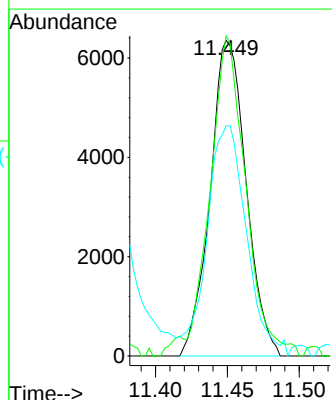
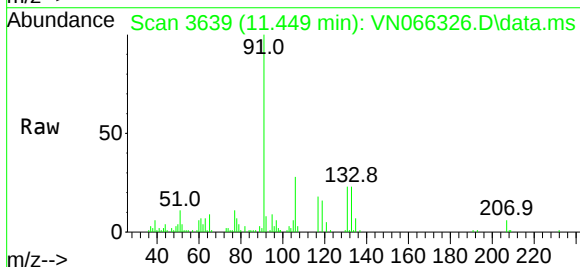
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

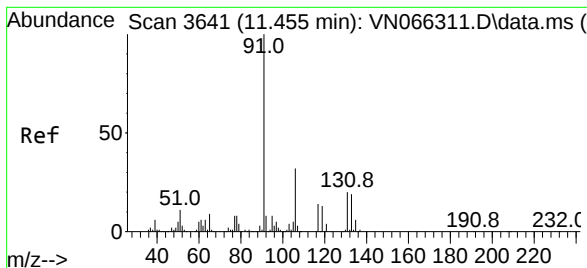
Tgt Ion:112 Resp: 28561  
Ion Ratio Lower Upper  
112 100  
114 29.7 25.6 38.4



#65  
1,1,1,2-Tetrachloroethane  
Concen: 2.17 ug/l  
RT: 11.449 min Scan# 3639  
Delta R.T. -0.003 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

Tgt Ion:131 Resp: 11051  
Ion Ratio Lower Upper  
131 100  
133 91.5 0.0 188.4  
119 79.5 0.0 134.4

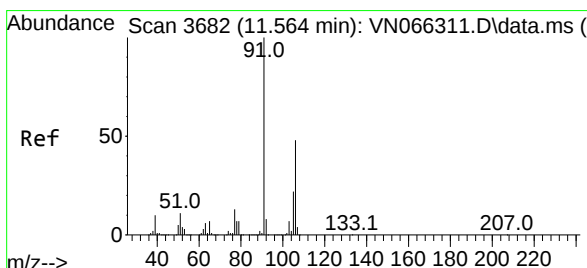
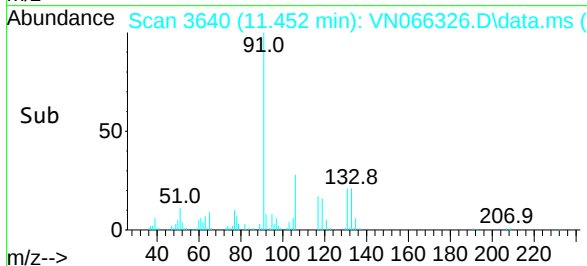
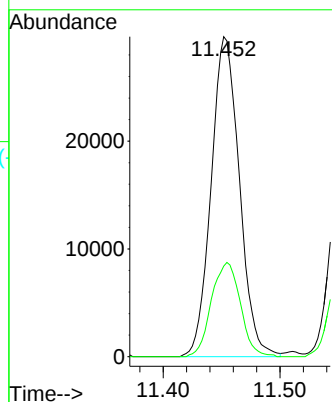
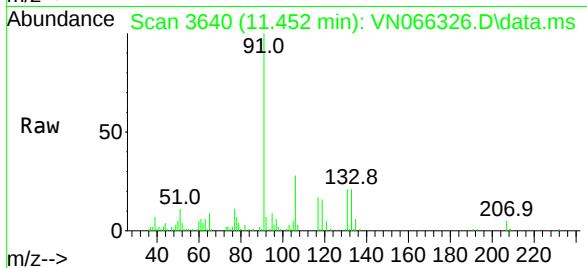




#66  
Ethyl Benzene  
Concen: 2.10 ug/l  
RT: 11.452 min Scan# 3640  
Delta R.T. -0.003 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

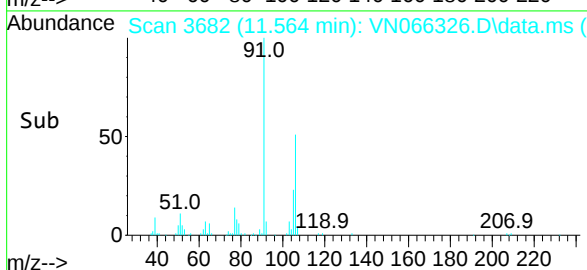
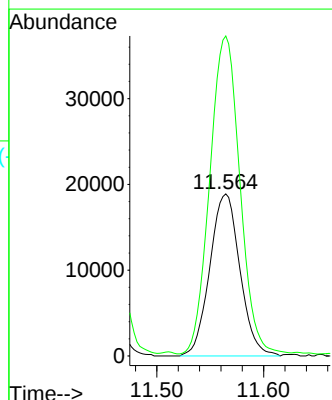
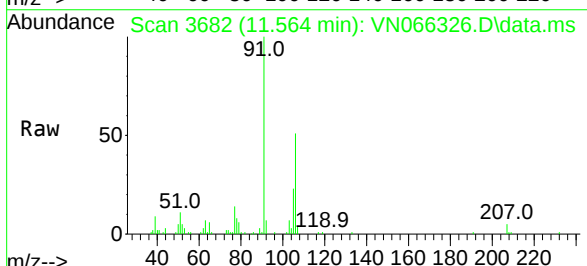
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

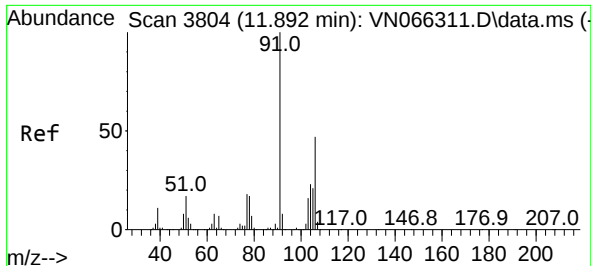
Tgt Ion: 91 Resp: 49920  
Ion Ratio Lower Upper  
91 100  
106 28.3 25.5 38.3



#67  
m/p-Xylenes  
Concen: 4.19 ug/l  
RT: 11.564 min Scan# 3682  
Delta R.T. 0.000 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

Tgt Ion:106 Resp: 37024  
Ion Ratio Lower Upper  
106 100  
91 196.1 164.8 247.2

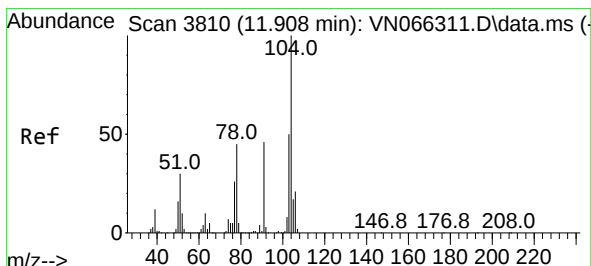
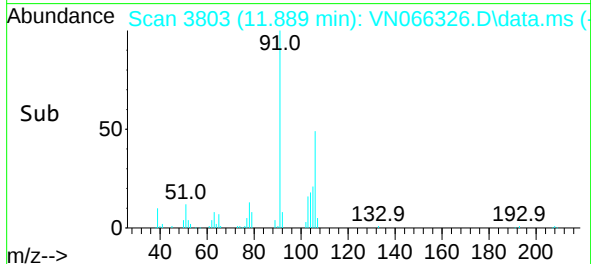
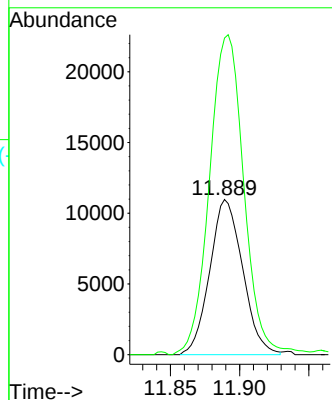
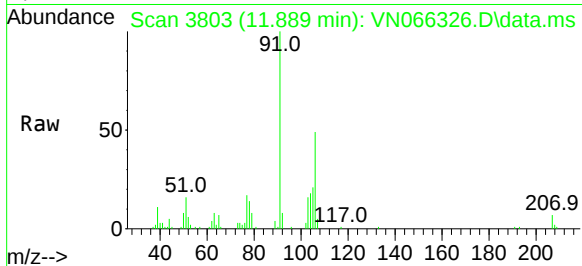




#68  
o-Xylene  
Concen: 2.08 ug/l  
RT: 11.889 min Scan# 3803  
Delta R.T. -0.003 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

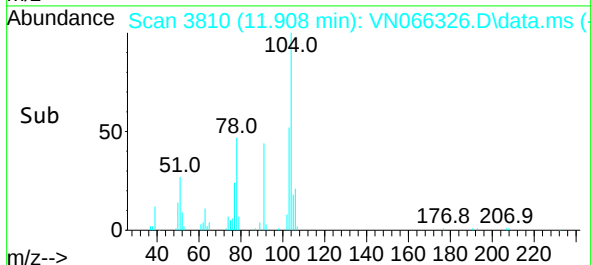
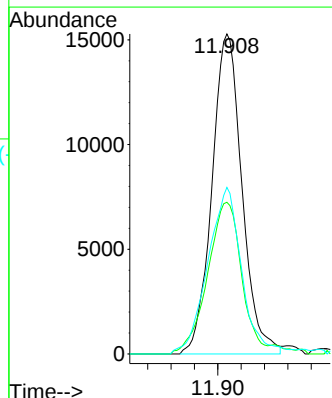
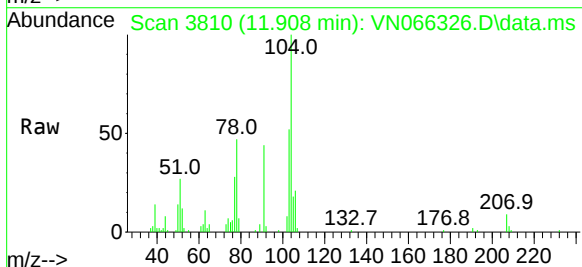
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

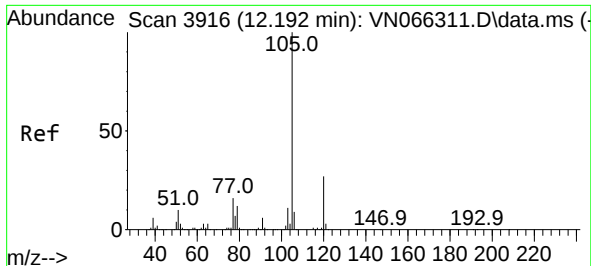
Tgt Ion:106 Resp: 18152  
Ion Ratio Lower Upper  
106 100  
91 215.4 107.1 321.4



#69  
Styrene  
Concen: 1.95 ug/l  
RT: 11.908 min Scan# 3810  
Delta R.T. 0.000 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

Tgt Ion:104 Resp: 27283  
Ion Ratio Lower Upper  
104 100  
78 53.3 41.0 61.6  
103 58.8 43.7 65.5

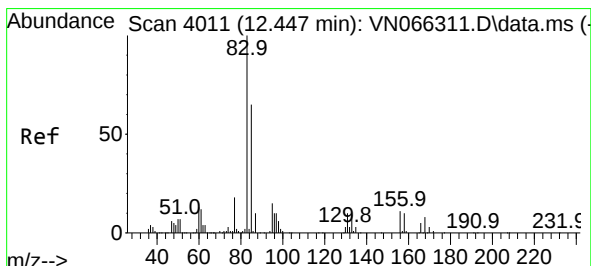
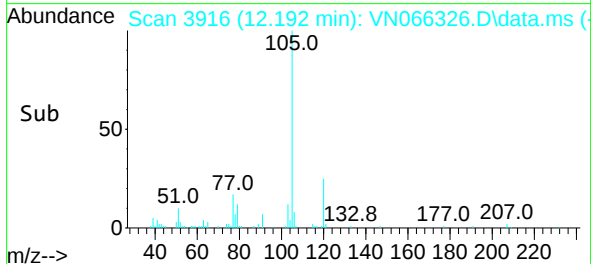
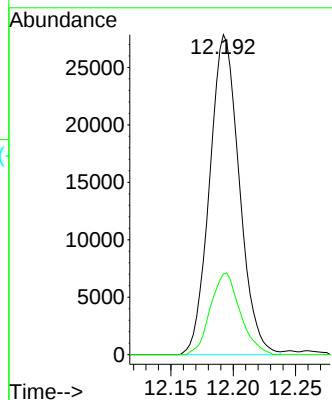
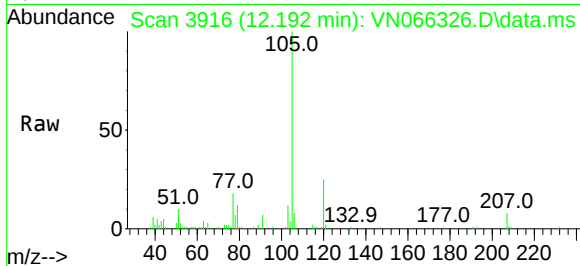




#70  
Isopropylbenzene  
Concen: 2.01 ug/l  
RT: 12.192 min Scan# 3916  
Delta R.T. 0.000 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

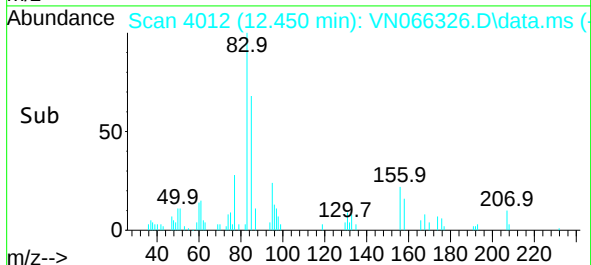
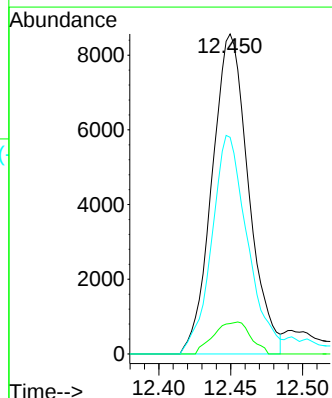
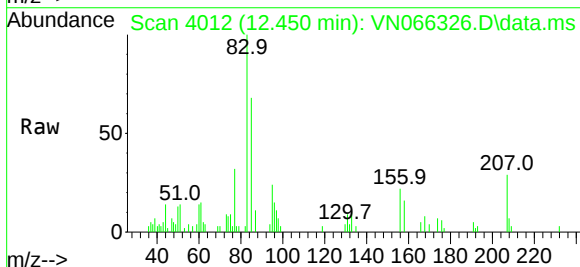
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

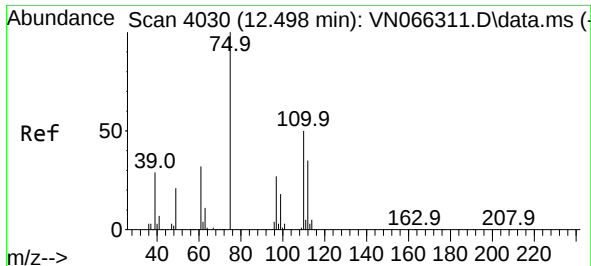
Tgt Ion:105 Resp: 46105  
Ion Ratio Lower Upper  
105 100  
120 25.5 18.7 34.7



#71  
1,1,2,2-Tetrachloroethane  
Concen: 2.06 ug/l  
RT: 12.450 min Scan# 4012  
Delta R.T. 0.003 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

Tgt Ion: 83 Resp: 15116  
Ion Ratio Lower Upper  
83 100  
131 10.1 4.9 14.6  
85 67.3 31.4 94.2

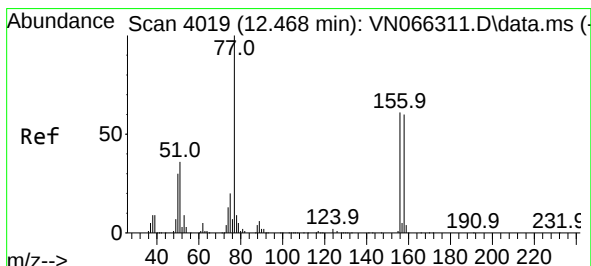
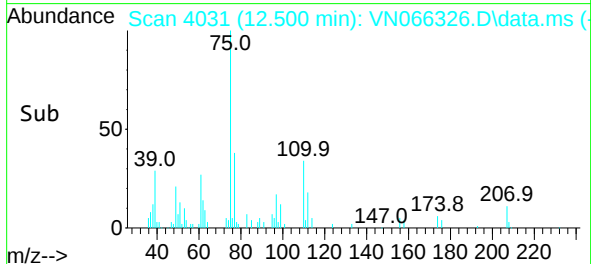
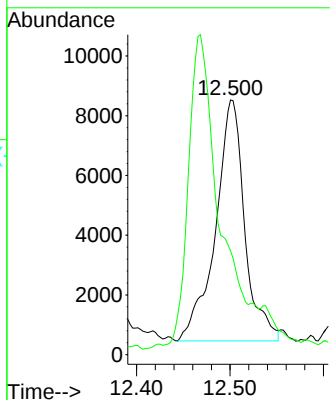
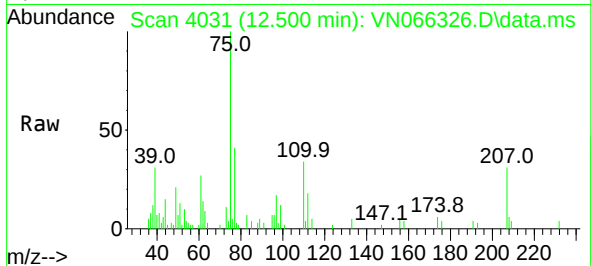




#72  
1,2,3-Trichloropropane  
Concen: 2.48 ug/l  
RT: 12.500 min Scan# 4031  
Delta R.T. 0.003 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

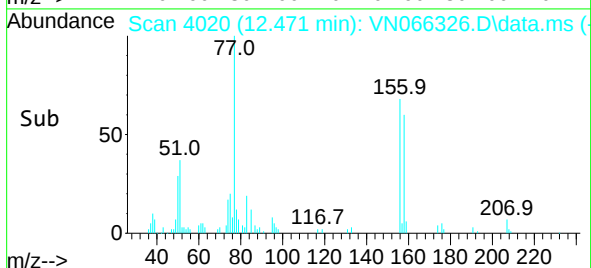
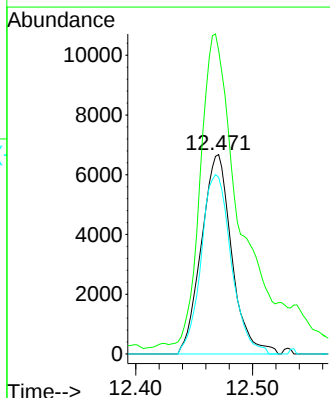
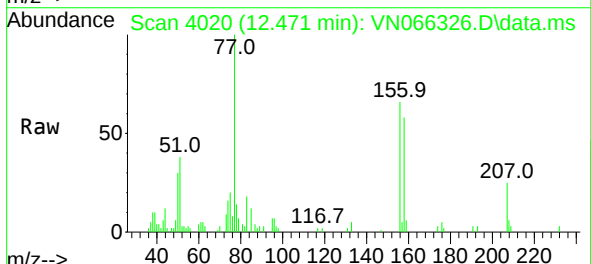
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

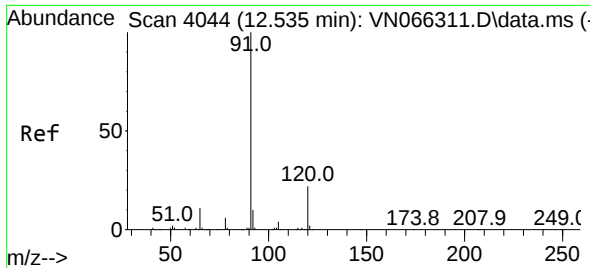
Tgt Ion: 75 Resp: 17598  
Ion Ratio Lower Upper  
75 100  
77 128.9 0.0 313.6



#73  
Bromobenzene  
Concen: 2.13 ug/l  
RT: 12.471 min Scan# 4020  
Delta R.T. 0.003 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

Tgt Ion:156 Resp: 12040  
Ion Ratio Lower Upper  
156 100  
77 188.5 0.0 399.6  
158 89.5 0.0 192.8

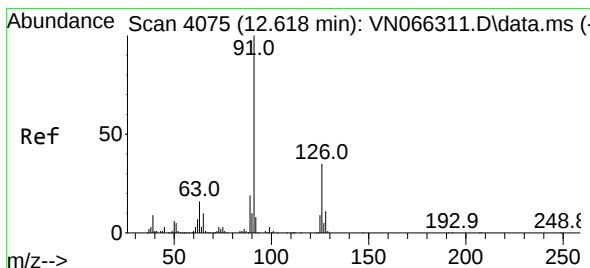
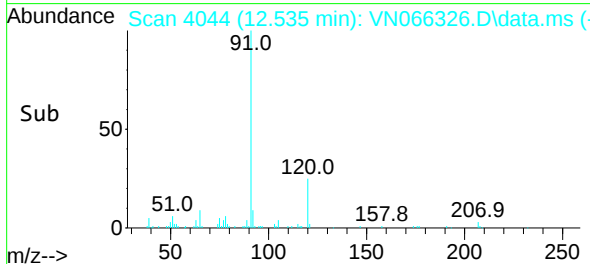
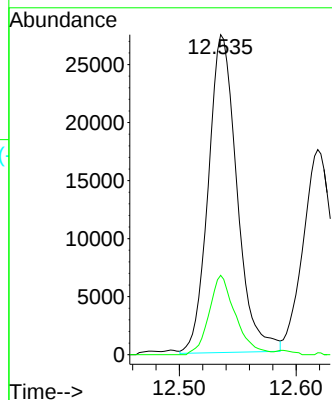
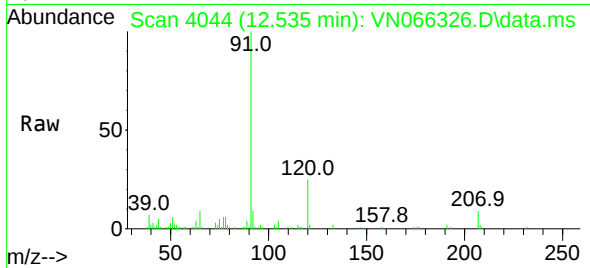




#74  
n-propylbenzene  
Concen: 1.85 ug/l  
RT: 12.535 min Scan# 4044  
Delta R.T. 0.000 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

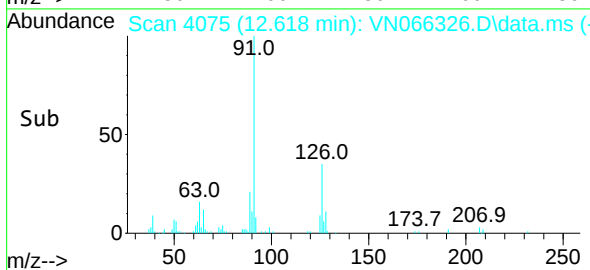
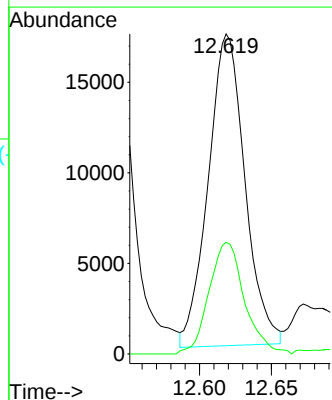
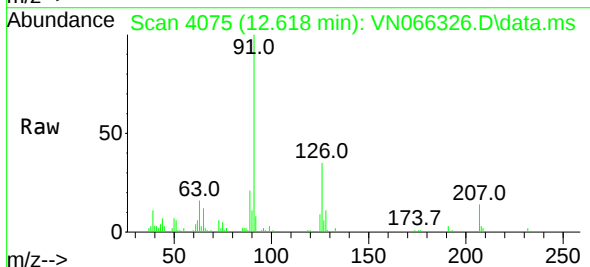
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

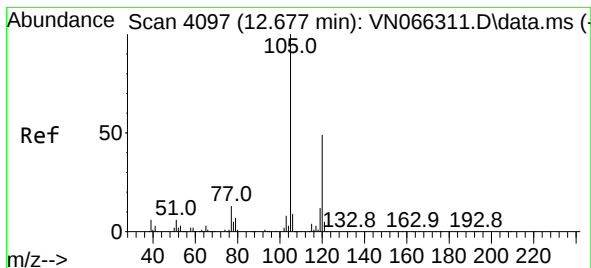
Tgt Ion: 91 Resp: 46832  
Ion Ratio Lower Upper  
91 100  
120 22.9 0.0 45.2



#75  
2-Chlorotoluene  
Concen: 1.99 ug/l  
RT: 12.618 min Scan# 4075  
Delta R.T. 0.000 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

Tgt Ion: 91 Resp: 30537  
Ion Ratio Lower Upper  
91 100  
126 34.6 0.0 68.6

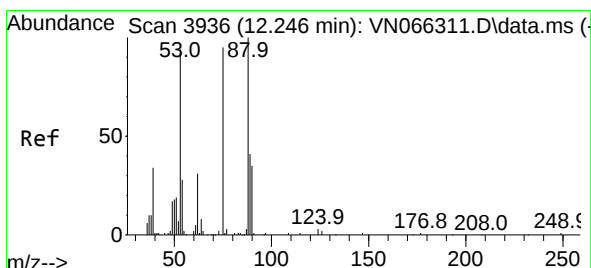
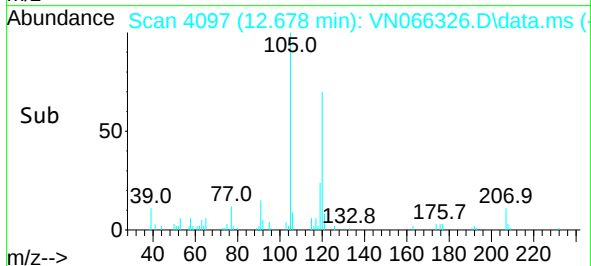
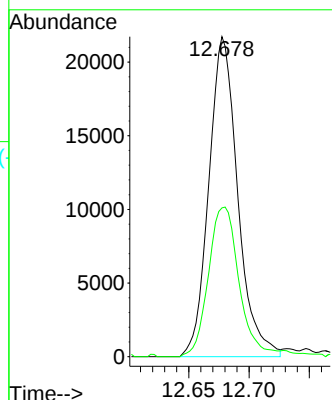
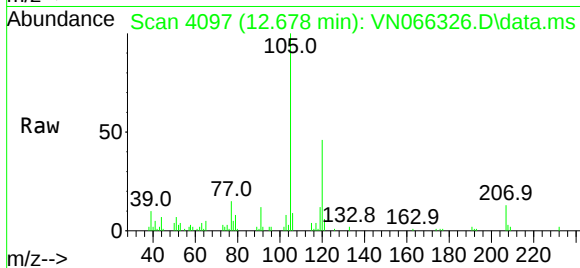




#76  
1,3,5-Trimethylbenzene  
Concen: 1.92 ug/l  
RT: 12.678 min Scan# 4097  
Delta R.T. 0.000 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

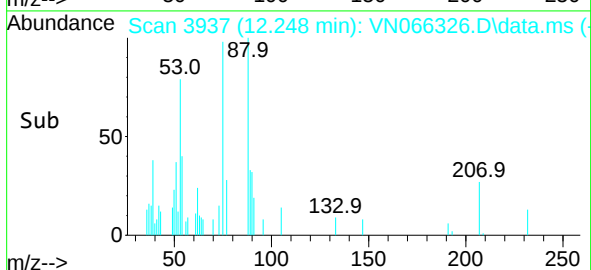
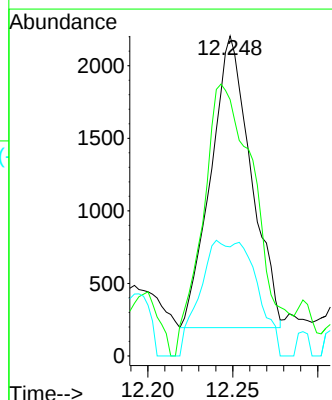
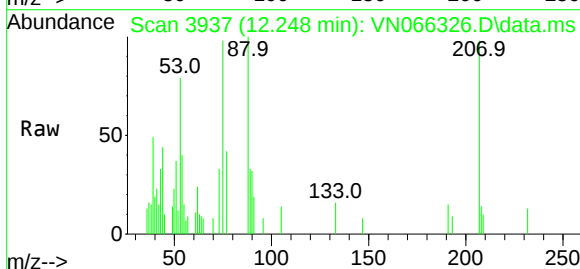
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

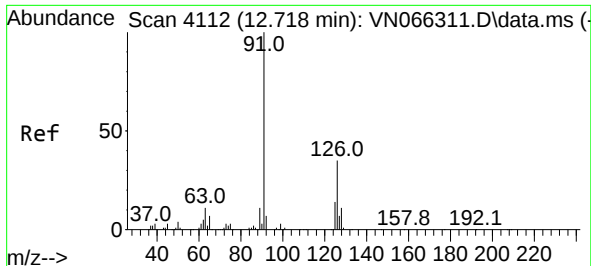
Tgt Ion:105 Resp: 36245  
Ion Ratio Lower Upper  
105 100  
120 49.4 0.0 98.2



#77  
t-1,4-Dichloro-2-butene  
Concen: 1.43 ug/l  
RT: 12.248 min Scan# 3937  
Delta R.T. 0.003 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

Tgt Ion: 75 Resp: 3292  
Ion Ratio Lower Upper  
75 100  
53 77.4 49.6 149.0  
89 37.4 22.9 68.7

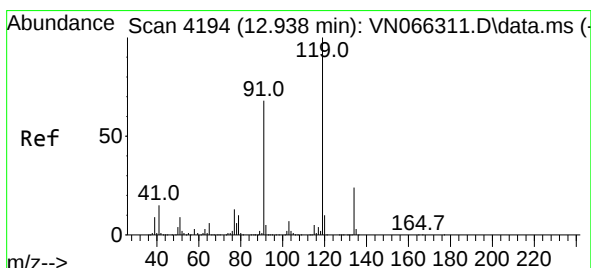
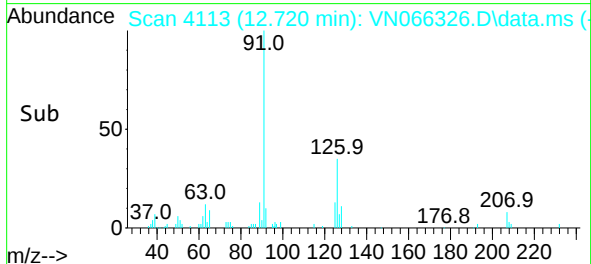
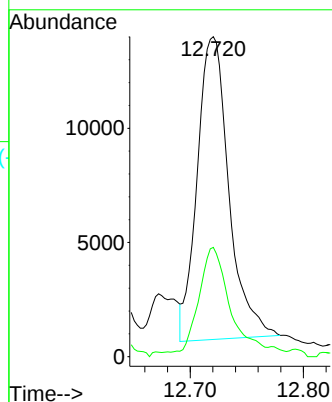
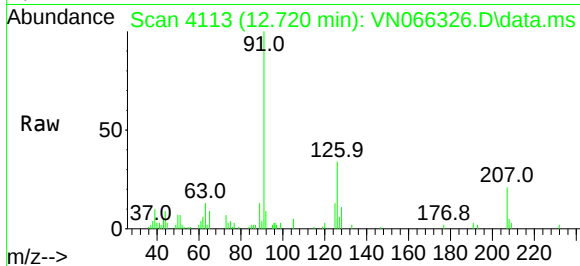




#78  
4-Chlorotoluene  
Concen: 1.71 ug/l  
RT: 12.720 min Scan# 4113  
Delta R.T. 0.002 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

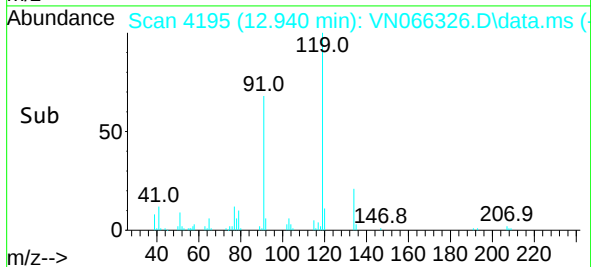
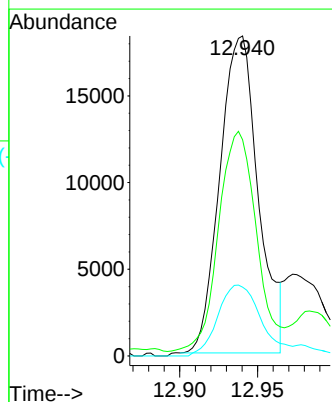
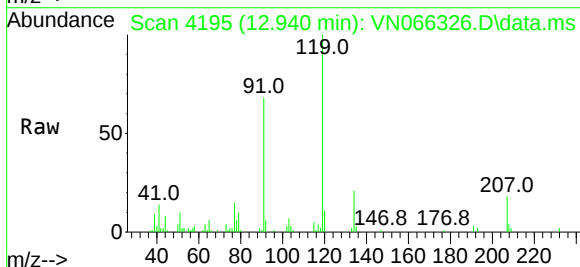
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

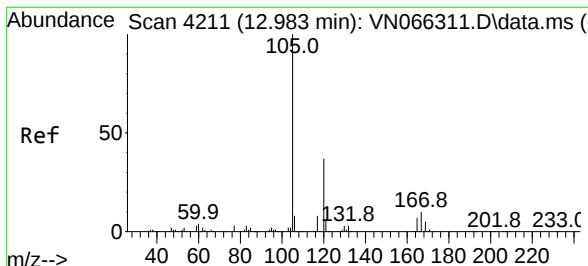
Tgt Ion: 91 Resp: 25701  
Ion Ratio Lower Upper  
91 100  
126 32.5 0.0 65.4



#79  
tert-butylbenzene  
Concen: 1.91 ug/l  
RT: 12.940 min Scan# 4195  
Delta R.T. 0.003 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

Tgt Ion: 119 Resp: 31374  
Ion Ratio Lower Upper  
119 100  
91 68.4 0.0 133.4  
134 25.1 0.0 51.0

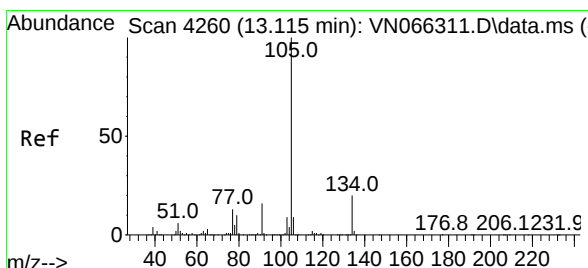
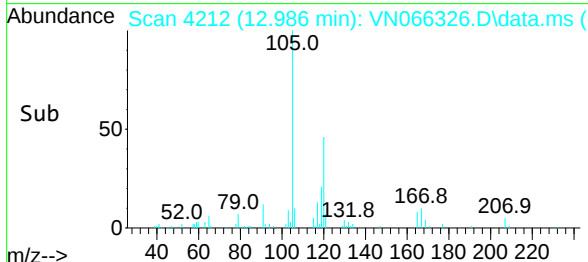
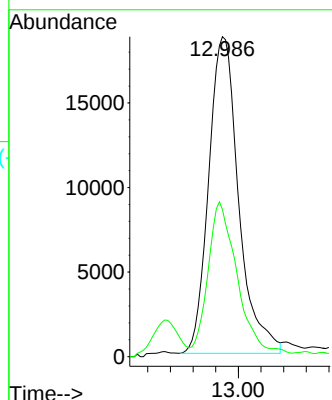
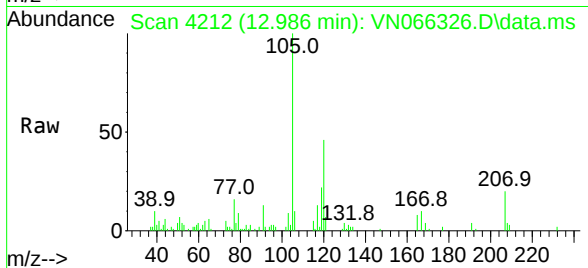




#80  
1,2,4-Trimethylbenzene  
Concen: 1.88 ug/l  
RT: 12.986 min Scan# 4212  
Delta R.T. 0.003 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

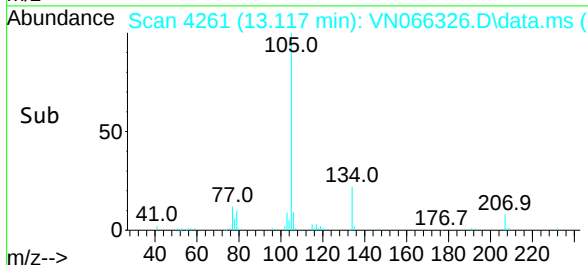
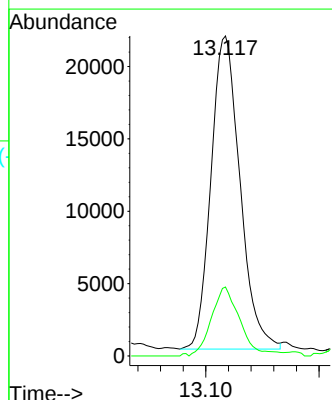
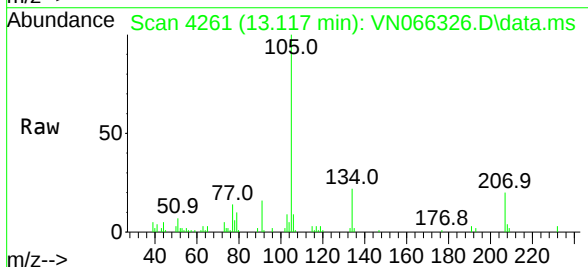
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

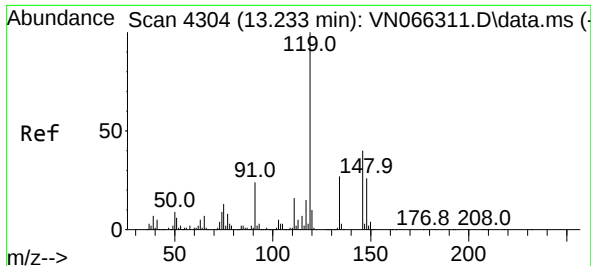
Tgt Ion:105 Resp: 34400  
Ion Ratio Lower Upper  
105 100  
120 43.5 0.0 90.6



#81  
sec-Butylbenzene  
Concen: 1.84 ug/l  
RT: 13.117 min Scan# 4261  
Delta R.T. 0.003 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

Tgt Ion:105 Resp: 38473  
Ion Ratio Lower Upper  
105 100  
134 21.7 0.0 40.0

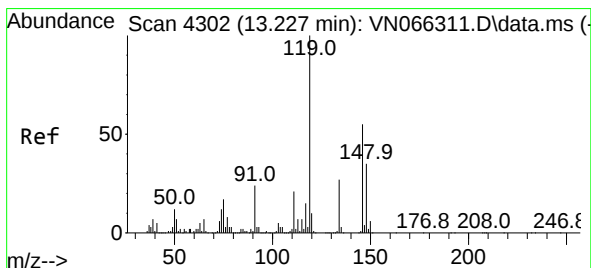
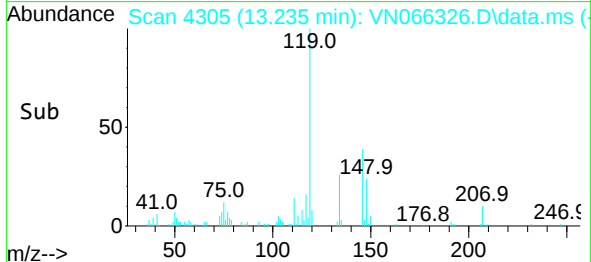
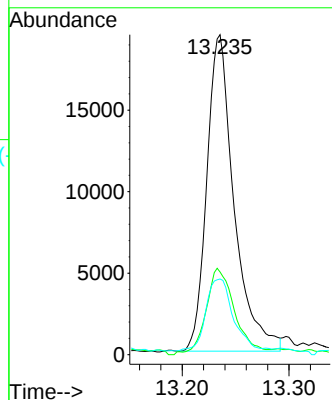
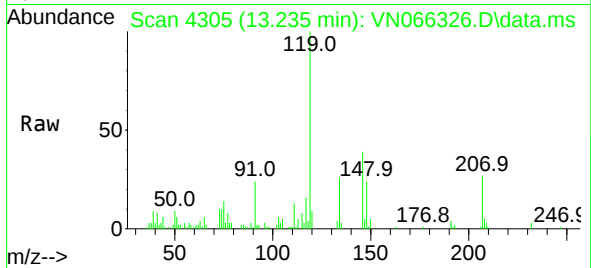




#82  
p-Isopropyltoluene  
Concen: 1.86 ug/l  
RT: 13.235 min Scan# 4305  
Delta R.T. 0.003 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

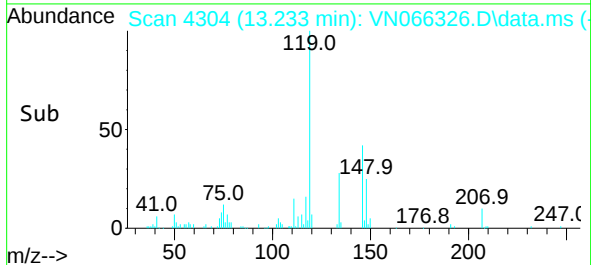
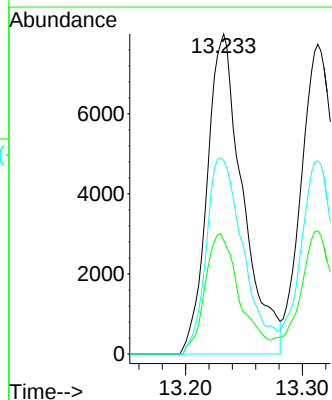
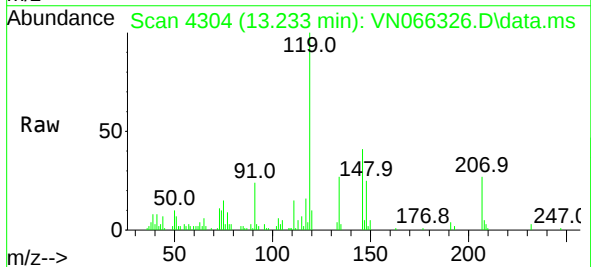
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

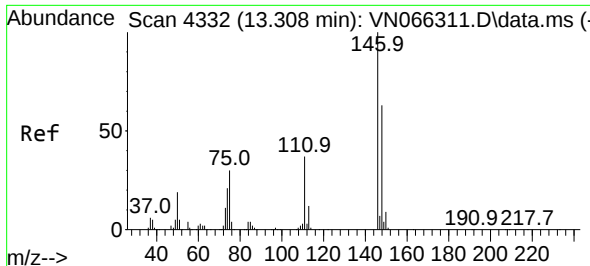
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 119   | Resp: | 34385 |
| Ion Ratio | Lower | Upper |       |
| 119       | 100   |       |       |
| 134       | 27.4  | 0.0   | 53.4  |
| 91        | 22.7  | 0.0   | 47.6  |



#83  
1,3-Dichlorobenzene  
Concen: 1.82 ug/l  
RT: 13.233 min Scan# 4304  
Delta R.T. 0.005 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 16911 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 36.7  | 19.3  | 57.9  |
| 148       | 62.3  | 31.9  | 95.9  |

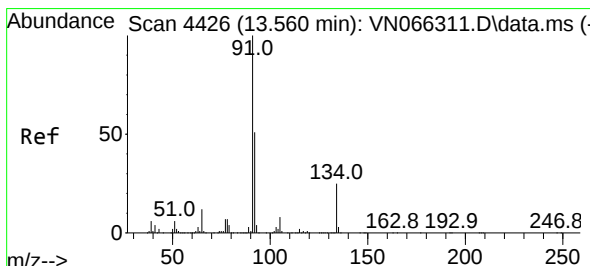
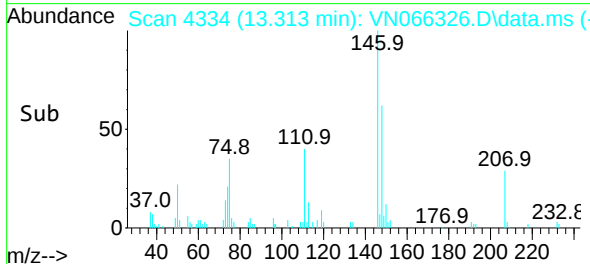
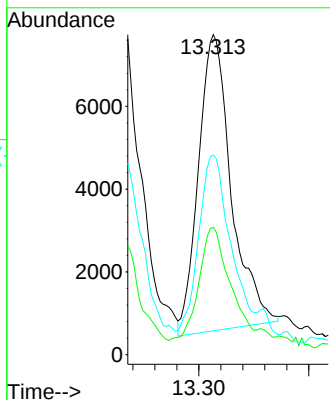
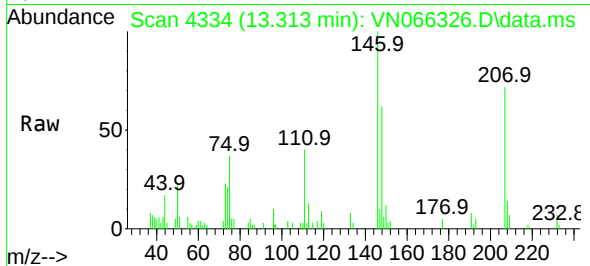




#84  
1,4-Dichlorobenzene  
Concen: 1.65 ug/l  
RT: 13.313 min Scan# 4334  
Delta R.T. 0.005 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

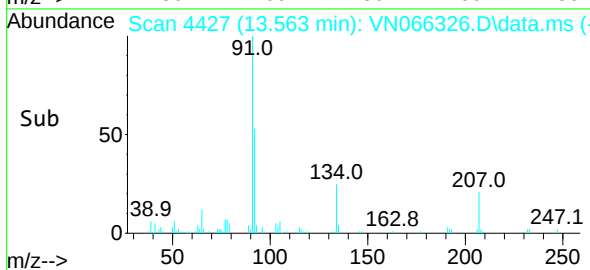
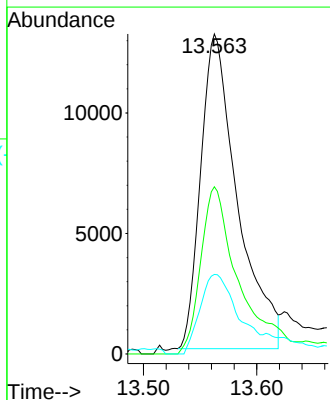
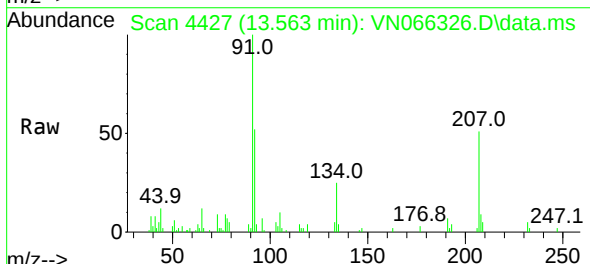
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

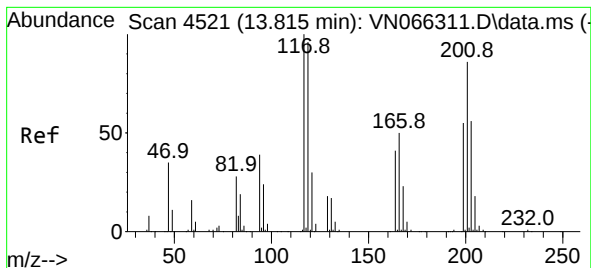
Tgt Ion:146 Resp: 14894  
Ion Ratio Lower Upper  
146 100  
111 36.4 18.4 55.0  
148 56.5 31.9 95.5



#85  
n-Butylbenzene  
Concen: 1.95 ug/l  
RT: 13.563 min Scan# 4427  
Delta R.T. 0.003 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

Tgt Ion: 91 Resp: 29435  
Ion Ratio Lower Upper  
91 100  
92 55.7 0.0 102.6  
134 26.2 0.0 49.0

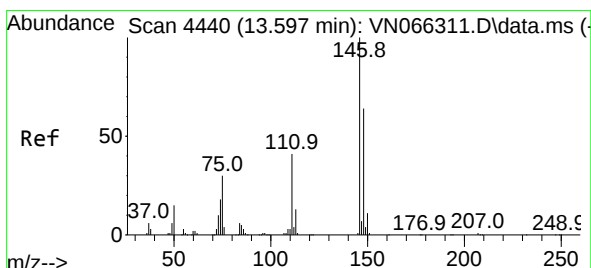
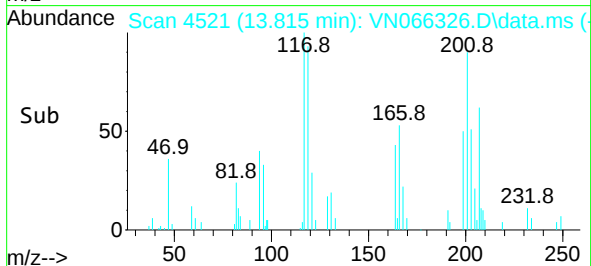
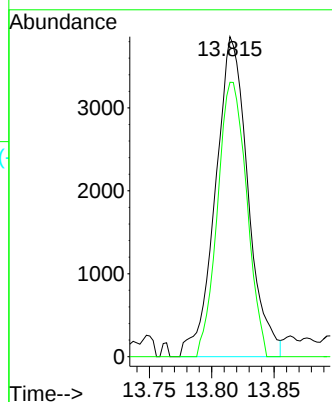
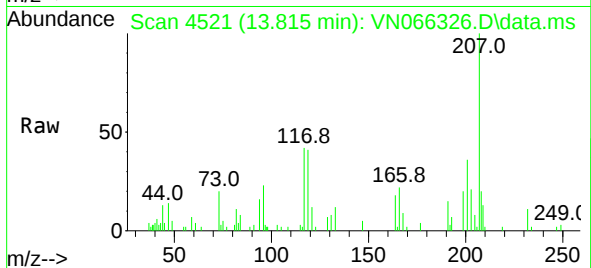




#86  
Hexachloroethane  
Concen: 2.05 ug/l  
RT: 13.815 min Scan# 4521  
Delta R.T. 0.000 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

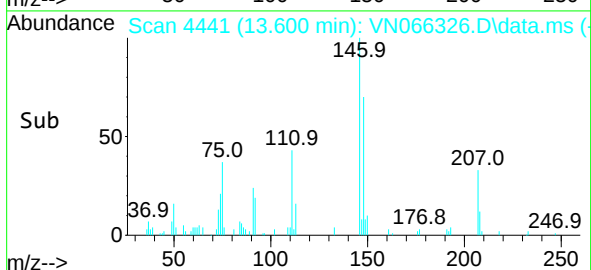
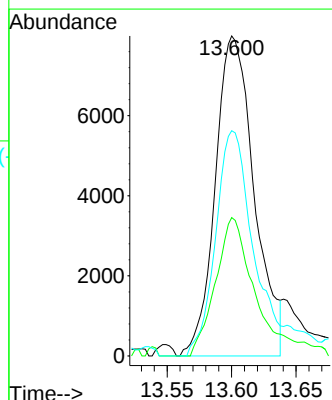
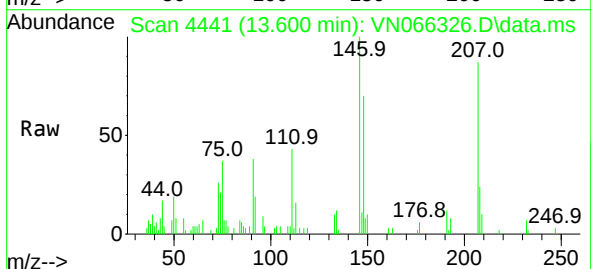
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

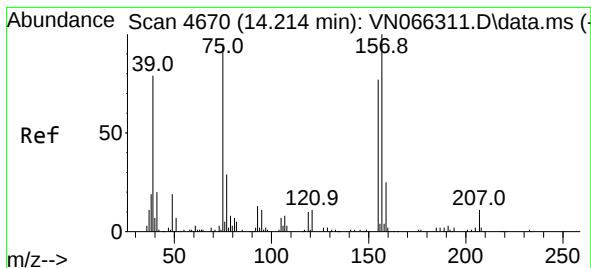
Tgt Ion:117 Resp: 7002  
Ion Ratio Lower Upper  
117 100  
201 76.8 43.3 129.8



#87  
1,2-Dichlorobenzene  
Concen: 1.83 ug/l  
RT: 13.600 min Scan# 4441  
Delta R.T. 0.003 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

Tgt Ion:146 Resp: 16813  
Ion Ratio Lower Upper  
146 100  
111 43.0 20.3 60.9  
148 67.9 32.0 96.0

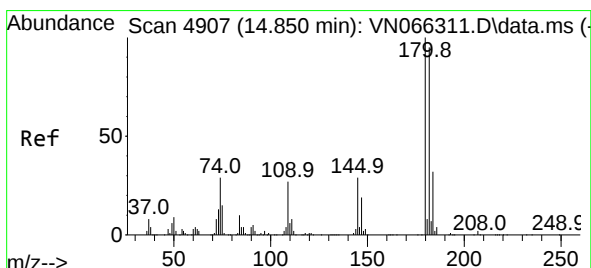
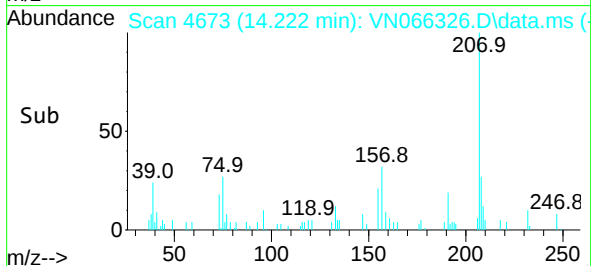
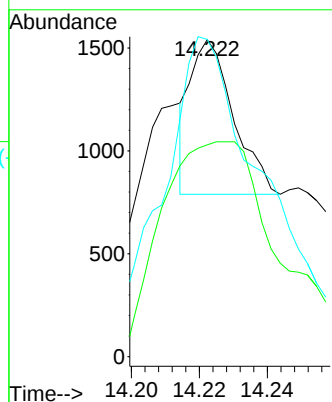
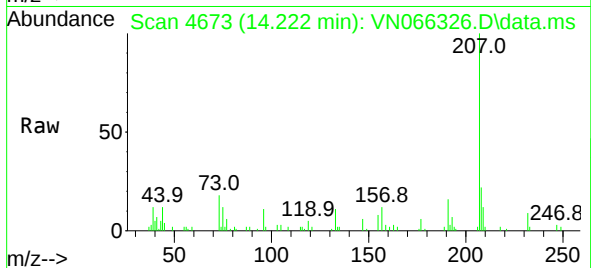




#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 0.44 ug/l  
 RT: 14.222 min Scan# 4673  
 Delta R.T. 0.008 min  
 Lab File: VN066326.D  
 Acq: 25 Mar 2021 12:14

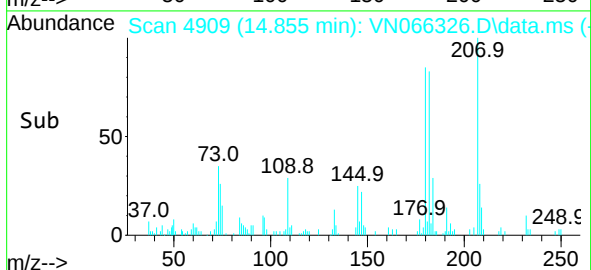
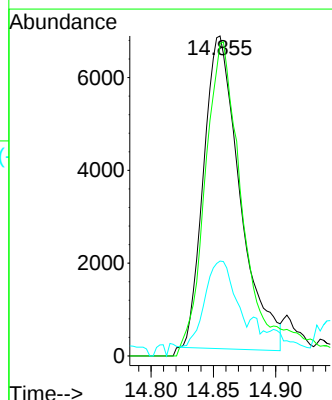
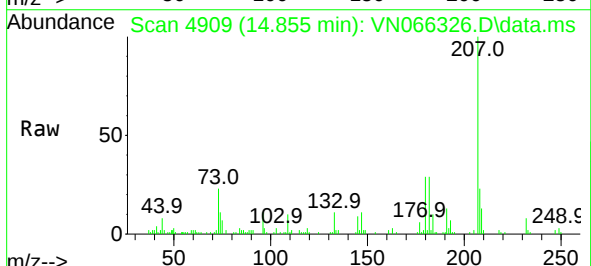
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MDL-WATER-03-QT1-2021

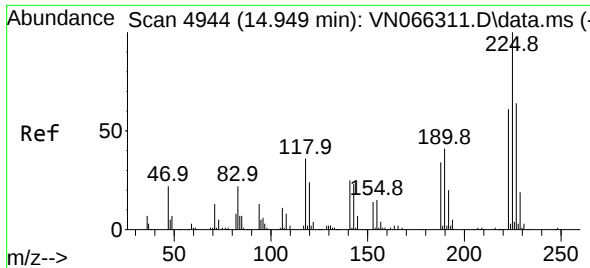
Tgt Ion: 75 Resp: 662  
 Ion Ratio Lower Upper  
 75 100  
 155 371.5 68.3 102.5#  
 157 485.6 87.8 131.6#



#89  
 1,2,4-Trichlorobenzene  
 Concen: 2.33 ug/l  
 RT: 14.855 min Scan# 4909  
 Delta R.T. 0.005 min  
 Lab File: VN066326.D  
 Acq: 25 Mar 2021 12:14

Tgt Ion:180 Resp: 13646  
 Ion Ratio Lower Upper  
 180 100  
 182 97.8 74.3 111.5  
 145 22.3 23.4 35.0#

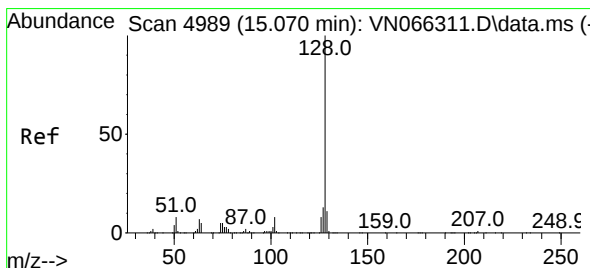
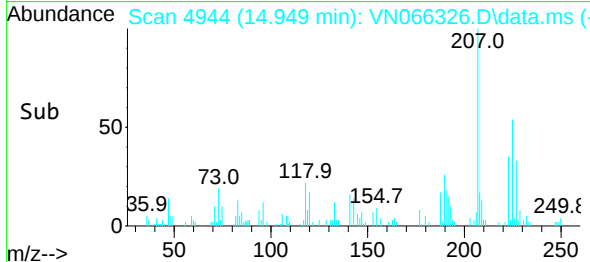
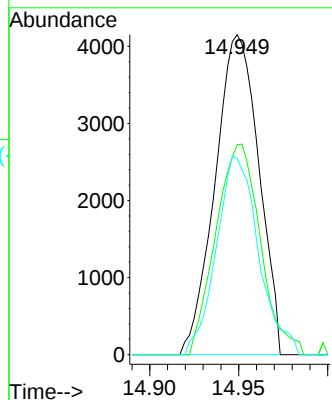
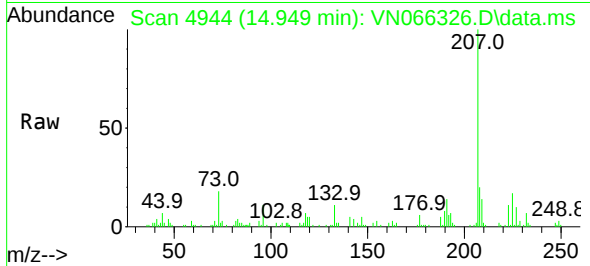




#90  
Hexachlorobutadiene  
Concen: 2.23 ug/l  
RT: 14.949 min Scan# 4944  
Delta R.T. 0.000 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

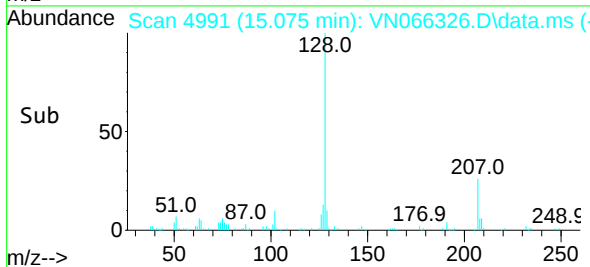
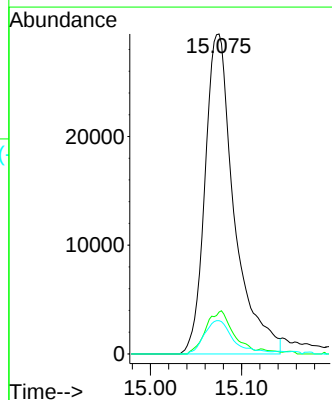
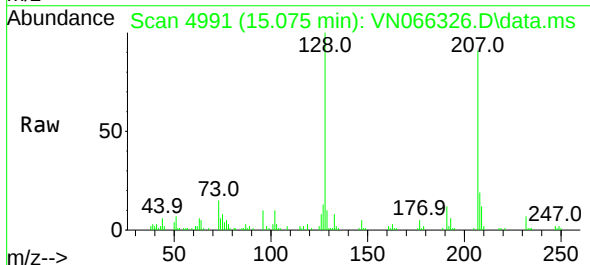
Instrument :  
MSVOA\_N  
ClientSampleId :  
MDL-WATER-03-QT1-2021

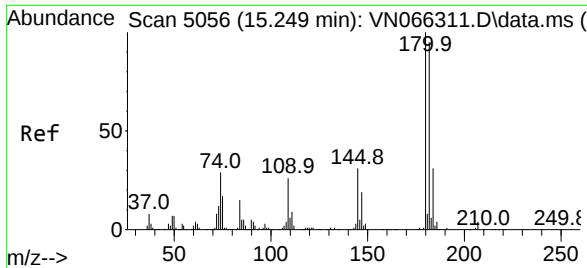
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 7074      |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 67.3  | 0.0 124.6 |
| 227         | 60.0  | 0.0 126.6 |



#91  
Naphthalene  
Concen: 3.67 ug/l  
RT: 15.075 min Scan# 4991  
Delta R.T. 0.005 min  
Lab File: VN066326.D  
Acq: 25 Mar 2021 12:14

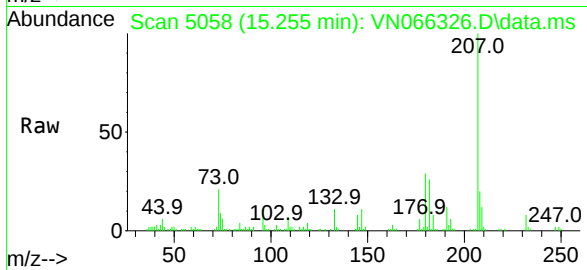
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:128 | Resp: | 65528      |
| Ion Ratio   | Lower | Upper      |
| 128         | 100   |            |
| 127         | 4.7   | 10.2 15.2# |
| 129         | 9.9   | 8.6 13.0   |





#92  
 1,2,3-Trichlorobenzene  
 Concen: 3.03 ug/l  
 RT: 15.255 min Scan# 5058  
 Delta R.T. 0.005 min  
 Lab File: VN066326.D  
 Acq: 25 Mar 2021 12:14

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MDL-WATER-03-QT1-2021



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 17375 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 87.4  | 0.0   | 190.0 |
| 145      | 10.7  | 0.0   | 60.8  |

