

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032621\  
 Data File : VN066349.D  
 Acq On : 26 Mar 2021 15:09  
 Operator : JC/MD  
 Sample : M1458-08 5.0ppb  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2021

Manual Integrations  
 APPROVED

MMDadoda  
 3/31/2021 3:39:33 PM

Quant Time: Mar 27 03:29:35 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N032521W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Mar 27 03:14:11 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response           | Conc  | Units  | Dev(Min) |
|------------------------------|----------------|------|--------------------|-------|--------|----------|
| -----                        |                |      |                    |       |        |          |
| Internal Standards           |                |      |                    |       |        |          |
| 1) Pentafluorobenzene        | 7.585          | 168  | 492961             | 50.00 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.512          | 114  | 767750             | 50.00 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.347         | 117  | 725228             | 50.00 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.289         | 152  | 288196             | 50.00 | ug/l   | 0.00     |
|                              |                |      |                    |       |        |          |
| System Monitoring Compounds  |                |      |                    |       |        |          |
| 33) 1,2-Dichloroethane-d4    | 7.949          | 65   | 339243             | 51.77 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = 103.54% |       |        |          |
| 35) Dibromofluoromethane     | 7.507          | 113  | 265478             | 52.16 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 104.32% |       |        |          |
| 50) Toluene-d8               | 10.028         | 98   | 1027264            | 53.21 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = 106.42% |       |        |          |
| 62) 4-Bromofluorobenzene     | 12.345         | 95   | 337282             | 50.30 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 100.60% |       |        |          |
|                              |                |      |                    |       |        |          |
| Target Compounds             |                |      |                    |       |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.816          | 85   | 28750              | 4.63  | ug/l   | 94       |
| 3) Chloromethane             | 2.014          | 50   | 40068              | 5.50  | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.145          | 62   | 37541              | 5.28  | ug/l   | 97       |
| 5) Bromomethane              | 2.505          | 94   | 27378              | 5.74  | ug/l   | 99       |
| 6) Chloroethane              | 2.647          | 64   | 23478              | 5.30  | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 2.961          | 101  | 51784              | 5.30  | ug/l   | 97       |
| 8) Diethyl Ether             | 3.339          | 74   | 19984              | 5.02  | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 3.677          | 101  | 29878              | 5.42  | ug/l   | 97       |
| 10) Methyl Iodide            | 3.867          | 142  | 39184              | 5.01  | ug/l   | 100      |
| 11) Tert butyl alcohol       | 4.717          | 59   | 29965              | 29.98 | ug/l # | 85       |
| 12) 1,1-Dichloroethene       | 3.658          | 96   | 29510              | 5.22  | ug/l   | 97       |
| 13) Acrolein                 | 3.529          | 56   | 28986              | 44.70 | ug/l   | 98       |
| 14) Allyl chloride           | 4.229          | 41   | 62055              | 5.55  | ug/l   | 96       |
| 15) Acrylonitrile            | 4.881          | 53   | 73030              | 26.20 | ug/l   | 99       |
| 16) Acetone                  | 3.739          | 43   | 92412              | 26.10 | ug/l   | 97       |
| 17) Carbon Disulfide         | 3.961          | 76   | 90973              | 5.45  | ug/l   | 98       |
| 18) Methyl Acetate           | 4.237          | 43   | 46787              | 5.06  | ug/l   | 98       |
| 19) Methyl tert-butyl Ether  | 4.945          | 73   | 84439              | 5.04  | ug/l   | 92       |
| 20) Methylene Chloride       | 4.447          | 84   | 34212              | 5.02  | ug/l   | 96       |
| 21) trans-1,2-Dichloroethene | 4.932          | 96   | 26461              | 5.17  | ug/l   | 96       |
| 22) Diisopropyl ether        | 5.857          | 45   | 87834              | 5.04  | ug/l   | 95       |
| 23) Vinyl Acetate            | 5.796          | 43   | 379486             | 25.57 | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 5.742          | 63   | 49297              | 5.12  | ug/l   | 99       |
| 25) 2-Butanone               | 6.750          | 43   | 99917              | 25.82 | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 6.724          | 77   | 43265              | 5.04  | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 6.729          | 96   | 30804              | 5.15  | ug/l   | 95       |
| 28) Bromochloromethane       | 7.102          | 49   | 24450              | 5.04  | ug/l   | 99       |
| 29) Tetrahydrofuran          | 7.131          | 42   | 64348              | 25.48 | ug/l   | 98       |
| 30) Chloroform               | 7.287          | 83   | 49575              | 5.15  | ug/l   | 99       |
| 31) Cyclohexane              | 7.568          | 56   | 53208              | 5.87  | ug/l # | 85       |
| 32) 1,1,1-Trichloroethane    | 7.485          | 97   | 43275              | 5.12  | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 7.711          | 75   | 36991              | 5.13  | ug/l   | 99       |
| 37) Ethyl Acetate            | 6.847          | 43   | 41420              | 5.22  | ug/l # | 87       |
| 38) Carbon Tetrachloride     | 7.692          | 117  | 36171              | 4.99  | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.011          | 83   | 44134              | 5.02  | ug/l   | 96       |
| 40) Benzene                  | 7.960          | 78   | 111203             | 5.10  | ug/l   | 99       |

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 Sample : M1458-08 5.0ppb  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2021

Manual Integrations  
 APPROVED

MMDadoda  
 3/31/2021 3:39:33 PM

Quant Time: Mar 27 03:29:35 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N032521W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Mar 27 03:14:11 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.083  | 41   | 15148    | 3.85   | ug/l # | 84       |
| 42) 1,2-Dichloroethane        | 8.046  | 62   | 39769    | 5.10   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.094  | 43   | 68971    | 5.08   | ug/l   | 99       |
| 44) Trichloroethene           | 8.767  | 130  | 29166    | 5.09   | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.049  | 63   | 29621    | 5.10   | ug/l   | 98       |
| 46) Dibromomethane            | 9.140  | 93   | 19628    | 5.16   | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.336  | 83   | 40494    | 5.15   | ug/l # | 98       |
| 48) Methyl methacrylate       | 9.135  | 41   | 31968    | 4.95   | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.135  | 88   | 8773     | 108.11 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone      | 9.923  | 43   | 206342   | 26.02  | ug/l   | 99       |
| 52) Toluene                   | 10.092 | 92   | 69270    | 5.18   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.323 | 75   | 42985    | 5.04   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.776  | 75   | 47029    | 5.13   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.502 | 97   | 28372    | 5.28   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.371 | 69   | 40063    | 4.86   | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.647 | 76   | 46684    | 5.23   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.631  | 63   | 16516    | 22.29  | ug/l   | 96       |
| 59) 2-Hexanone                | 10.696 | 43   | 139407   | 25.09  | ug/l   | 100      |
| 60) Dibromochloromethane      | 10.843 | 129  | 29955    | 5.02   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 10.945 | 107  | 29252    | 5.22   | ug/l   | 97       |
| 64) Tetrachloroethene         | 10.572 | 164  | 29515    | 4.78   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.374 | 112  | 74884    | 5.18   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.449 | 131  | 27244    | 4.89   | ug/l   | 95       |
| 67) Ethyl Benzene             | 11.455 | 91   | 130106   | 4.96   | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.565 | 106  | 94837    | 9.51   | ug/l   | 99       |
| 69) o-Xylene                  | 11.892 | 106  | 45310    | 4.71   | ug/l   | 98       |
| 70) Styrene                   | 11.908 | 104  | 72314    | 4.64   | ug/l   | 100      |
| 71) Bromoform                 | 12.071 | 173  | 22222    | 4.80   | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.195 | 105  | 121108   | 5.65   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.020 | 43   | 25905    | 3.44   | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 12.450 | 83   | 39352    | 5.76   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.498 | 75   | 30745m   | 4.86   | ug/l   |          |
| 77) Bromobenzene              | 12.468 | 156  | 29897    | 5.52   | ug/l   | 99       |
| 78) n-propylbenzene           | 12.535 | 91   | 123828   | 5.31   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.619 | 91   | 77955    | 5.44   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.678 | 105  | 93759    | 5.35   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.248 | 75   | 10115    | 4.81   | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 12.718 | 91   | 73721    | 5.17   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 12.938 | 119  | 81125    | 5.37   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 12.986 | 105  | 86617    | 5.08   | ug/l   | 96       |
| 85) sec-Butylbenzene          | 13.115 | 105  | 99007    | 5.06   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.235 | 119  | 86975    | 4.97   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.230 | 146  | 44000    | 4.84   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.308 | 146  | 43208    | 4.58   | ug/l   | 91       |
| 89) n-Butylbenzene            | 13.565 | 91   | 69291    | 4.79   | ug/l   | 98       |
| 90) Hexachloroethane          | 13.815 | 117  | 16093    | 5.09   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.600 | 146  | 44207    | 4.95   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.220 | 75   | 6172     | 4.71   | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 14.855 | 180  | 24618    | 4.45   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 14.952 | 225  | 15767    | 5.22   | ug/l   | 99       |
| 95) Naphthalene               | 15.075 | 128  | 74428    | 4.45   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.252 | 180  | 24848    | 4.46   | ug/l   | 97       |

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 Sample : M1458-08 5.0ppb  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_N  
**ClientSampleId :**  
 LOQ-WATER-02-QT1-2021

**Manual Integrations**  
**APPROVED**

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 3/31/2021 3:39:33 PM

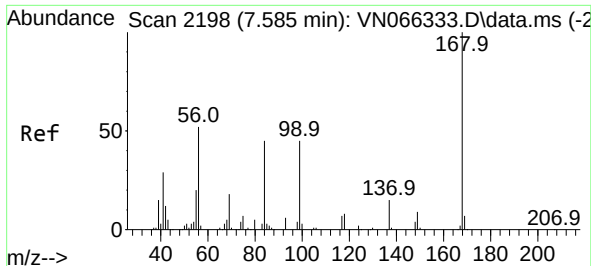
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N032521W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Mar 27 03:14:11 2021  
 Response via : Initial Calibration

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

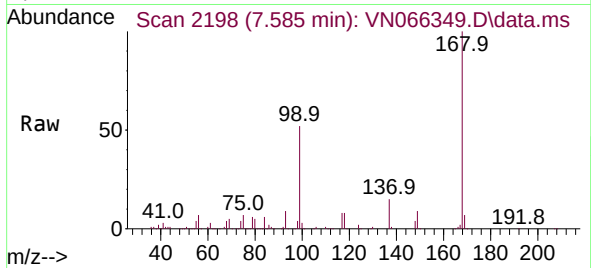
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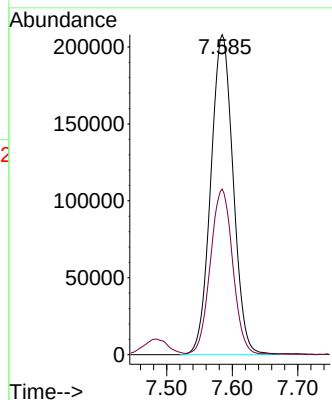
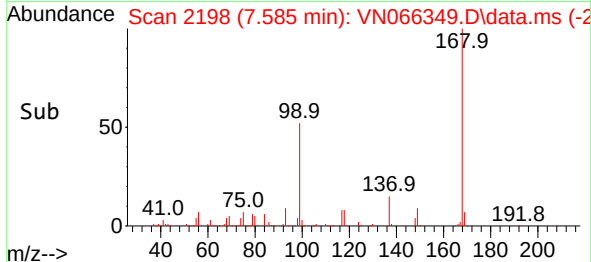




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.585 min Scan# 2198  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09



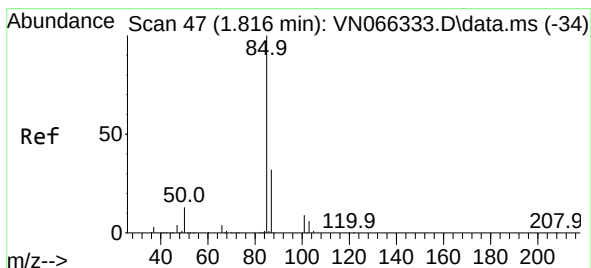
Tgt Ion: 168 Resp: 492961  
Ion Ratio Lower Upper  
168 100  
99 51.5 41.1 61.7



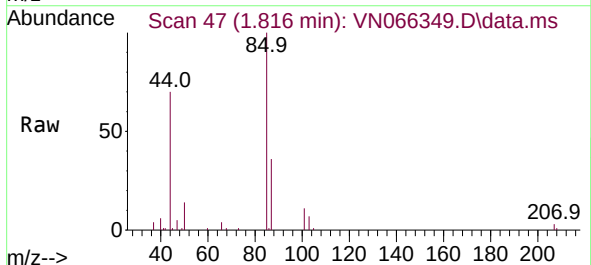
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

Manual Integrations  
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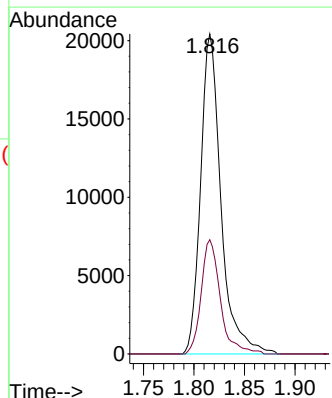
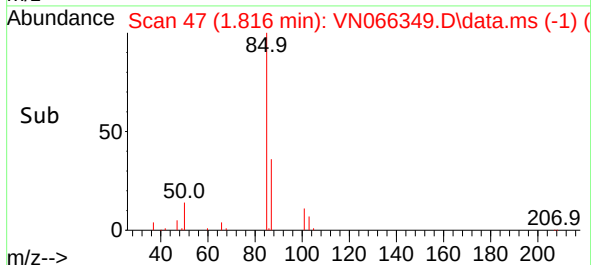
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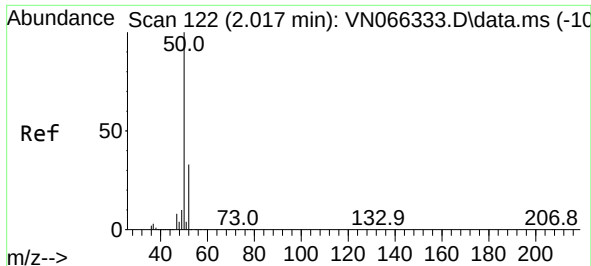


#2  
Dichlorodifluoromethane  
Concen: 4.63 ug/l  
RT: 1.816 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09



Tgt Ion: 85 Resp: 28750  
Ion Ratio Lower Upper  
85 100  
87 35.7 16.2 48.6





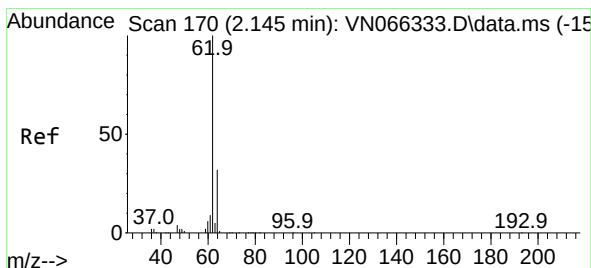
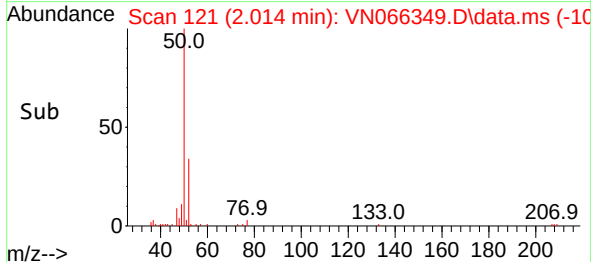
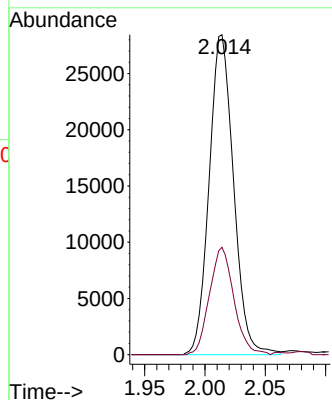
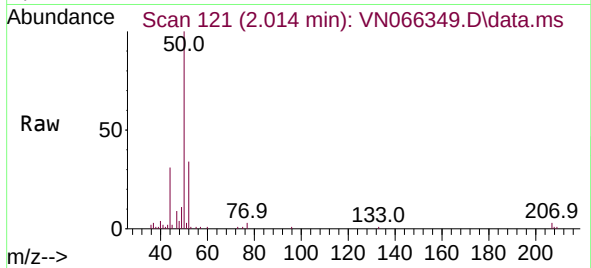
#3  
Chloromethane  
Concen: 5.50 ug/l  
RT: 2.014 min Scan# 121  
Delta R.T. -0.003 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

Tgt Ion: 50 Resp: 40068  
Ion Ratio Lower Upper  
50 100  
52 33.5 26.2 39.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

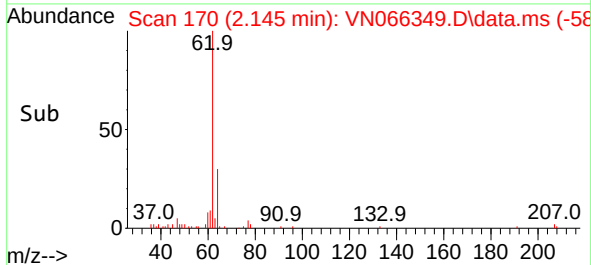
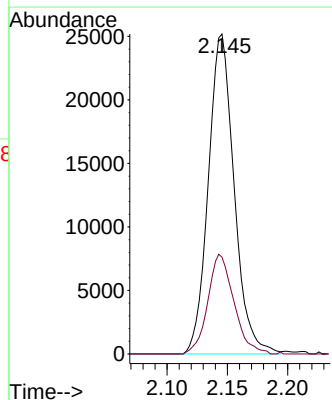
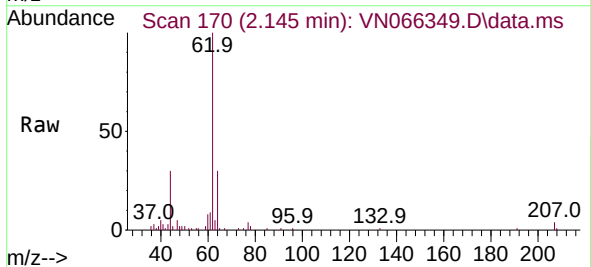
Manual Integrations  
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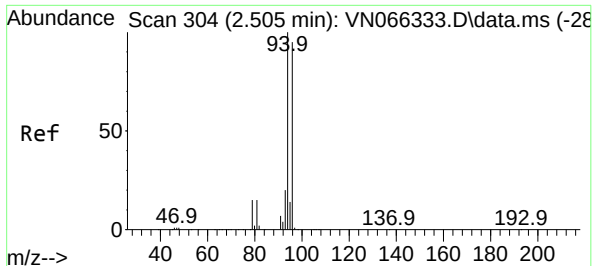
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3/31/2021 3:39:33 PM



#4  
Vinyl Chloride  
Concen: 5.28 ug/l  
RT: 2.145 min Scan# 170  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

Tgt Ion: 62 Resp: 37541  
Ion Ratio Lower Upper  
62 100  
64 30.2 25.6 38.4





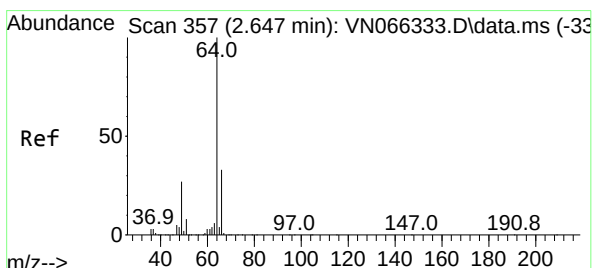
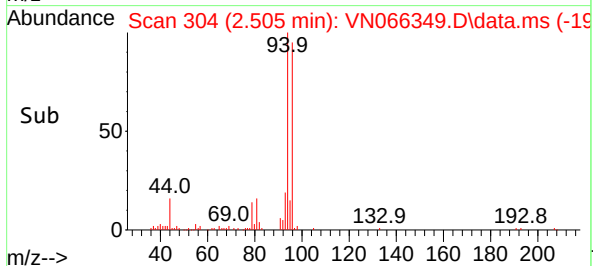
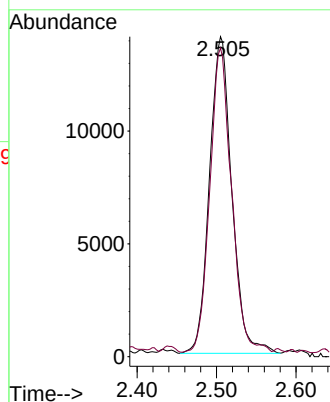
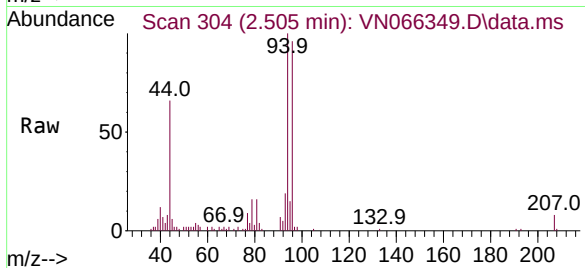
#5  
Bromomethane  
Concen: 5.74 ug/l  
RT: 2.505 min Scan# 304  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

Tgt Ion: 94 Resp: 27378  
Ion Ratio Lower Upper  
94 100  
96 96.0 75.8 113.6

Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

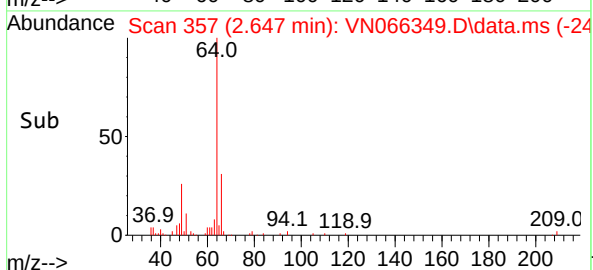
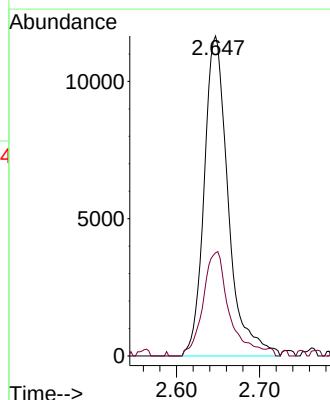
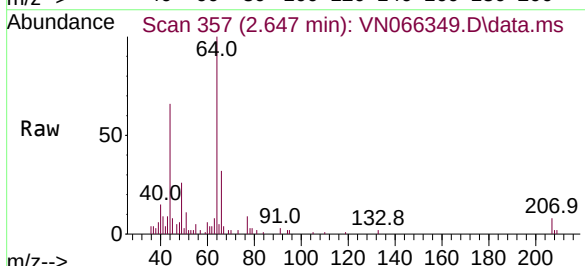
Manual Integrations  
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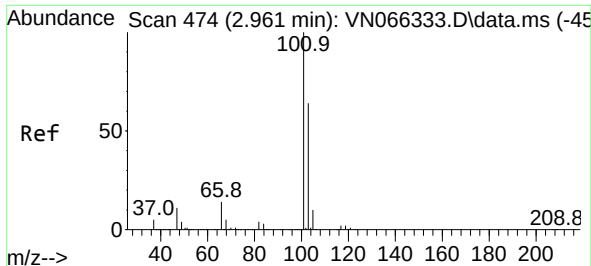
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#6  
Chloroethane  
Concen: 5.30 ug/l  
RT: 2.647 min Scan# 357  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

Tgt Ion: 64 Resp: 23478  
Ion Ratio Lower Upper  
64 100  
66 32.2 26.1 39.1





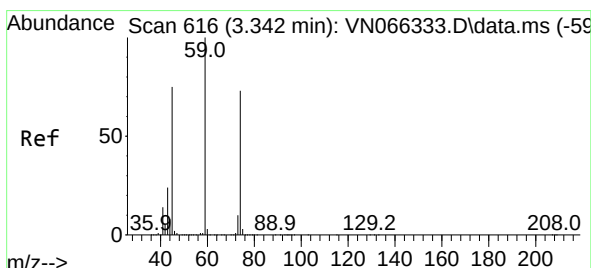
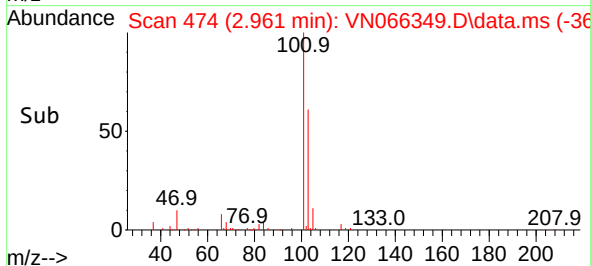
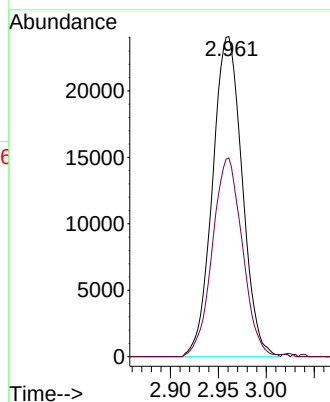
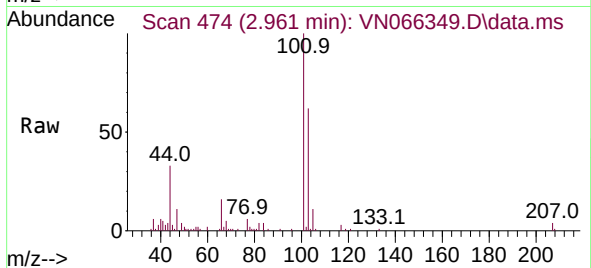
#7  
 Trichlorofluoromethane  
 Concen: 5.30 ug/l  
 RT: 2.961 min Scan# 474  
 Delta R.T. -0.000 min  
 Lab File: VN066349.D  
 Acq: 26 Mar 2021 15:09

Tgt Ion:101 Resp: 51784  
 Ion Ratio Lower Upper  
 101 100  
 103 62.1 51.4 77.0

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2021

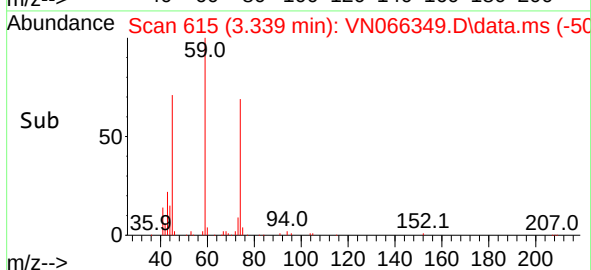
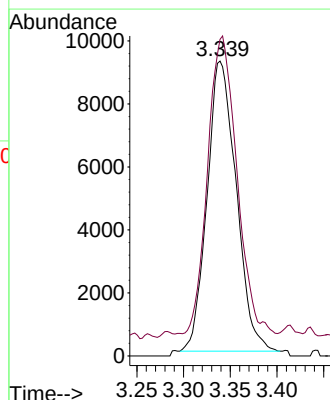
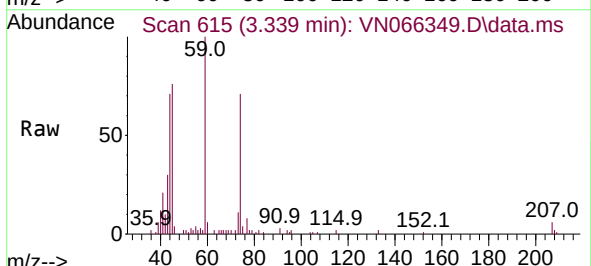
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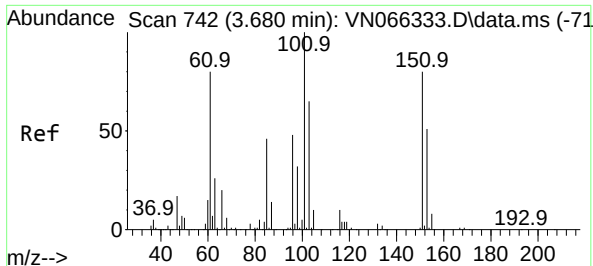


#8  
 Diethyl Ether  
 Concen: 5.02 ug/l  
 RT: 3.339 min Scan# 615  
 Delta R.T. -0.003 min  
 Lab File: VN066349.D  
 Acq: 26 Mar 2021 15:09

Tgt Ion: 74 Resp: 19984  
 Ion Ratio Lower Upper  
 74 100  
 45 102.3 51.6 154.8







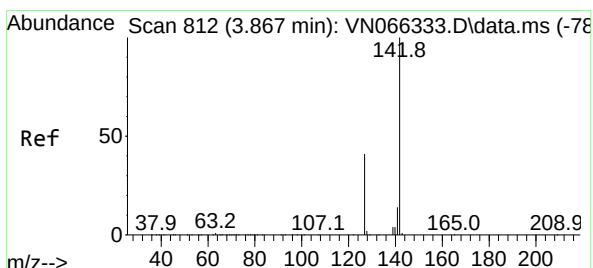
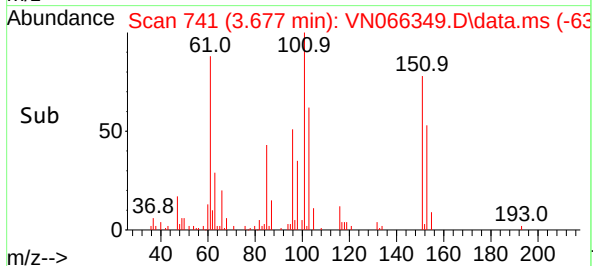
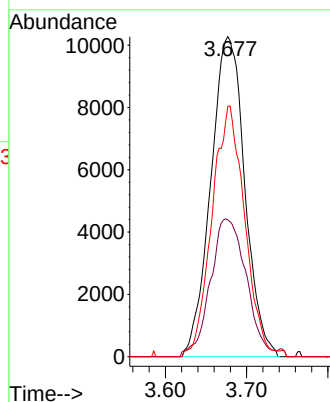
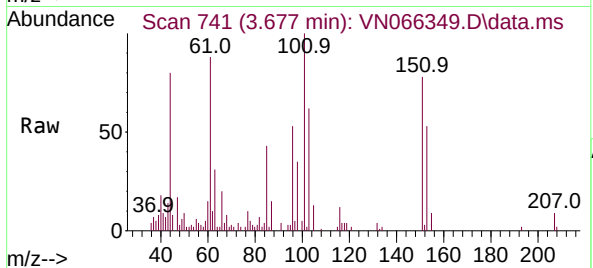
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 5.42 ug/l  
RT: 3.677 min Scan# 741  
Delta R.T. -0.003 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 101   | Resp: | 29878 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 45.4  | 36.8  | 55.2  |
| 151       | 75.0  | 63.0  | 94.4  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
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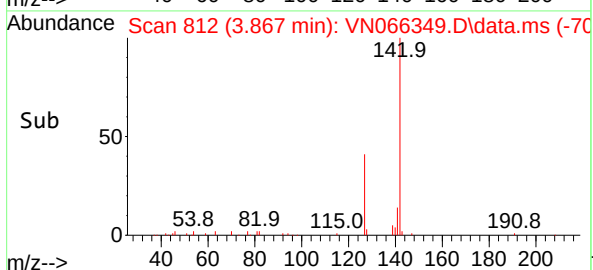
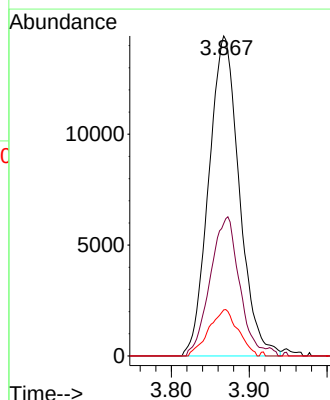
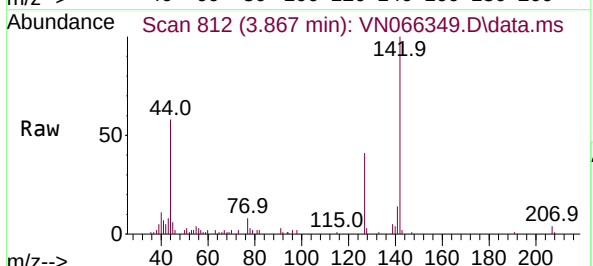
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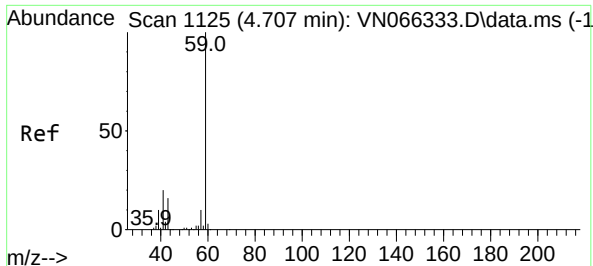
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#10  
Methyl Iodide  
Concen: 5.01 ug/l  
RT: 3.867 min Scan# 812  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 39184 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 41.6  | 33.0  | 49.6  |
| 141       | 13.9  | 11.1  | 16.7  |





#11

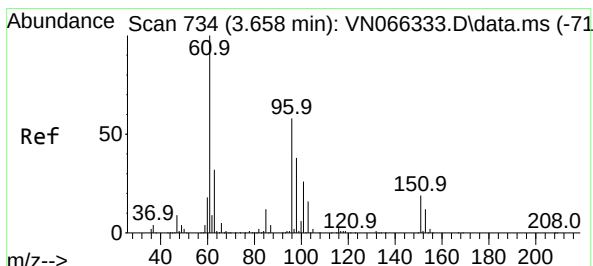
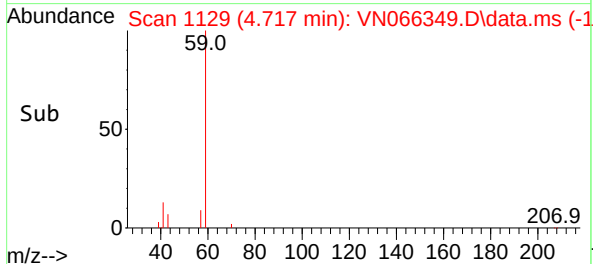
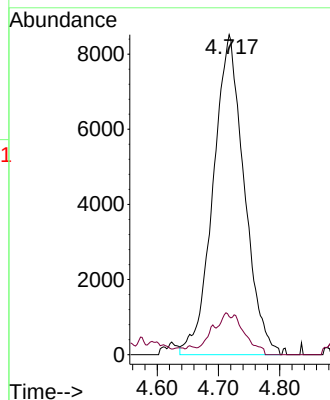
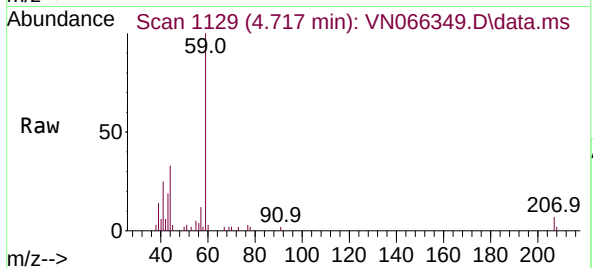
Tert butyl alcohol  
Concen: 29.98 ug/l  
RT: 4.717 min Scan# 1129  
Delta R.T. 0.011 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

Tgt Ion: 59 Resp: 29965  
Ion Ratio Lower Upper  
59 100  
57 0.0 4.1 6.1#

Instrument :  
MSVOA\_N  
ClientSampleId :  
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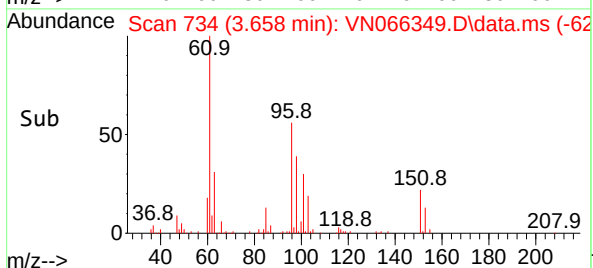
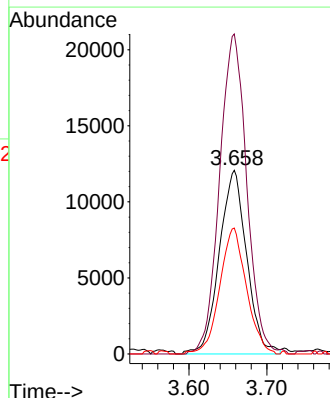
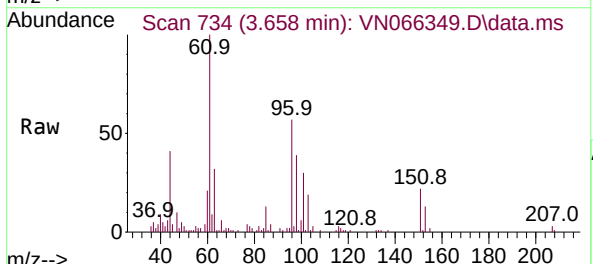
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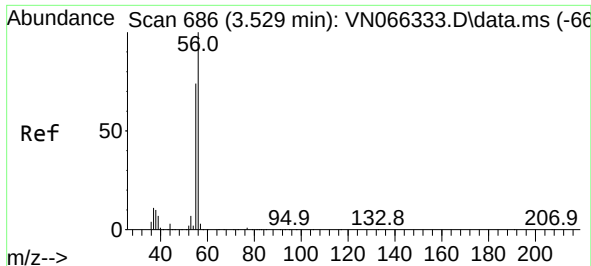


#12

1,1-Dichloroethene  
Concen: 5.22 ug/l  
RT: 3.658 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

Tgt Ion: 96 Resp: 29510  
Ion Ratio Lower Upper  
96 100  
61 174.2 137.0 205.4  
98 68.5 51.5 77.3





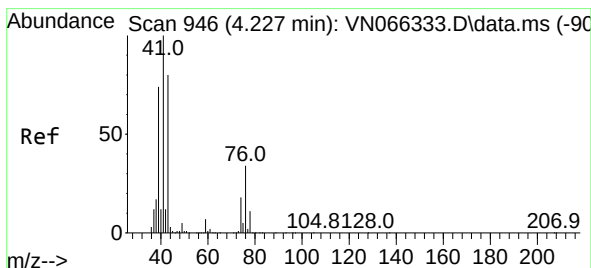
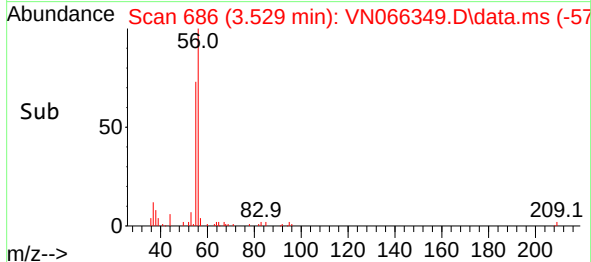
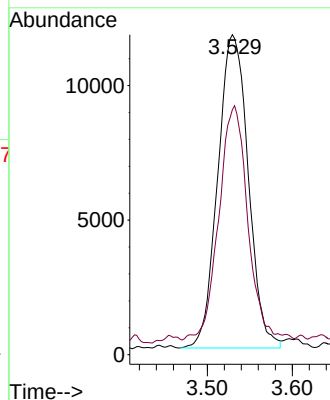
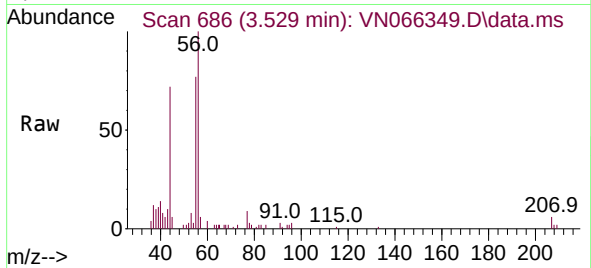
#13  
Acrolein  
Concen: 44.70 ug/l  
RT: 3.529 min Scan# 686  
Delta R.T. 0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

Tgt Ion: 56 Resp: 28986  
Ion Ratio Lower Upper  
56 100  
55 71.1 57.9 86.9

Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

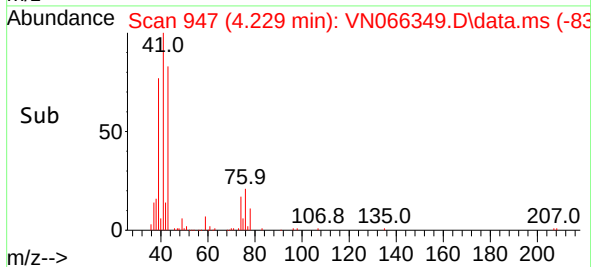
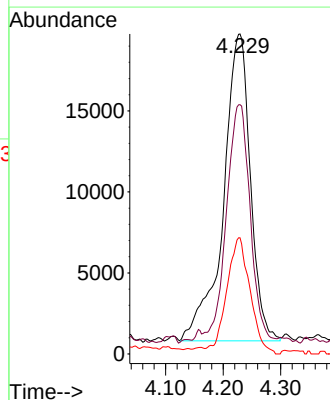
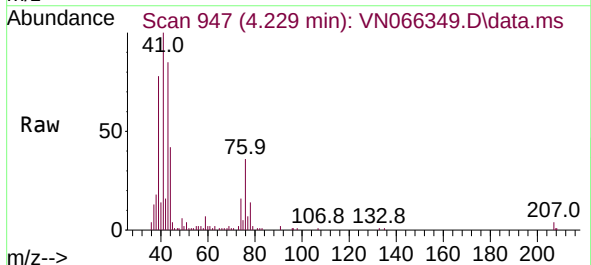
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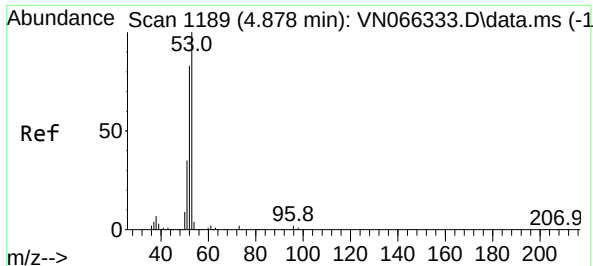
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#14  
Allyl chloride  
Concen: 5.55 ug/l  
RT: 4.229 min Scan# 947  
Delta R.T. 0.003 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

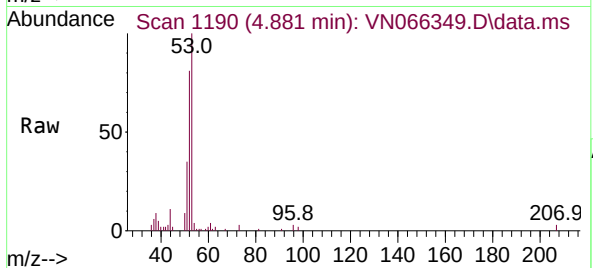
Tgt Ion: 41 Resp: 62055  
Ion Ratio Lower Upper  
41 100  
39 65.4 55.3 82.9  
76 32.8 24.6 36.8





#15  
Acrylonitrile  
Concen: 26.20 ug/l  
RT: 4.881 min Scan# 1190  
Delta R.T. 0.003 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

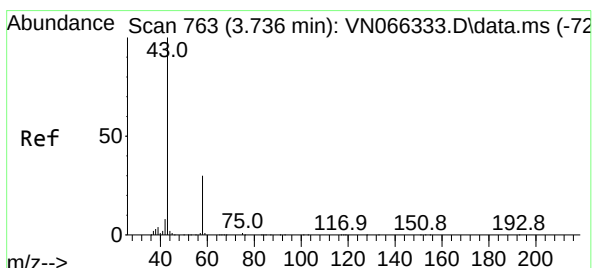
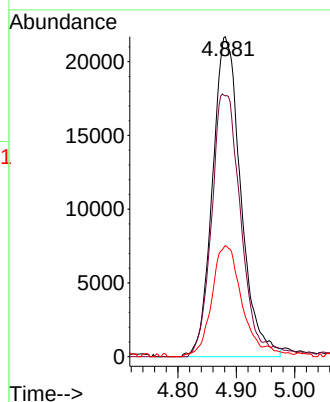
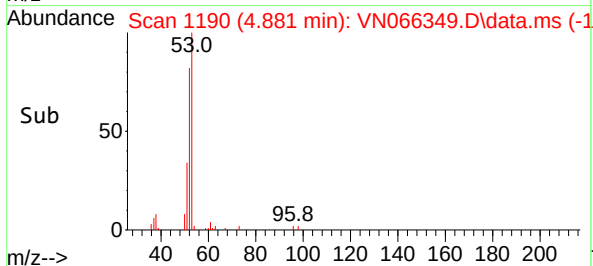
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT1-2021



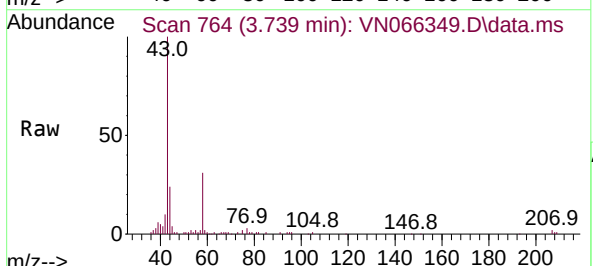
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 82.5  | 66.6  | 99.8  |
| 51      | 35.9  | 29.4  | 44.0  |

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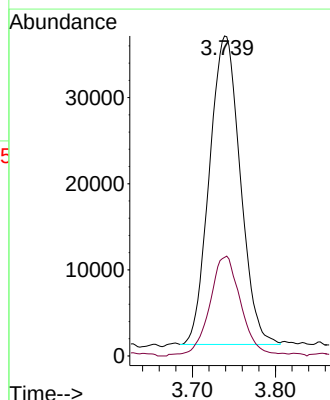
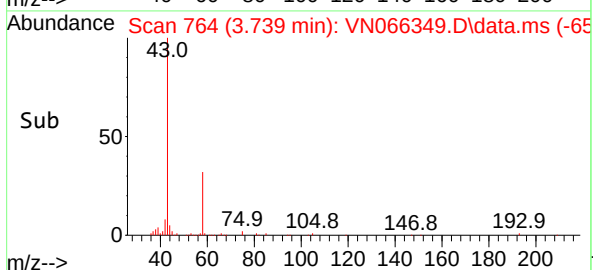
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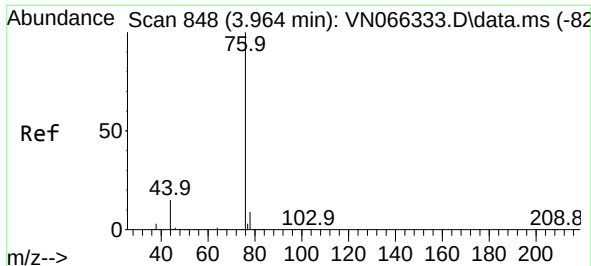


#16  
Acetone  
Concen: 26.10 ug/l  
RT: 3.739 min Scan# 764  
Delta R.T. 0.003 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09



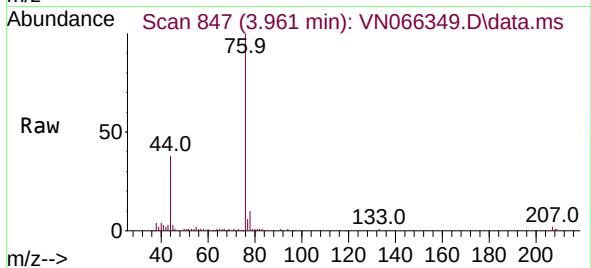
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 31.3  | 23.8  | 35.8  |





#17  
Carbon Disulfide  
Concen: 5.45 ug/l  
RT: 3.961 min Scan# 847  
Delta R.T. -0.003 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

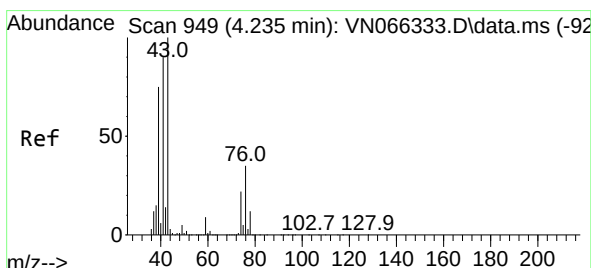
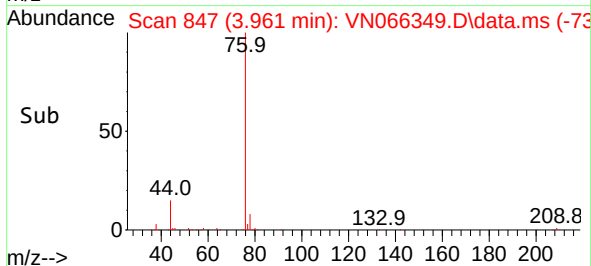
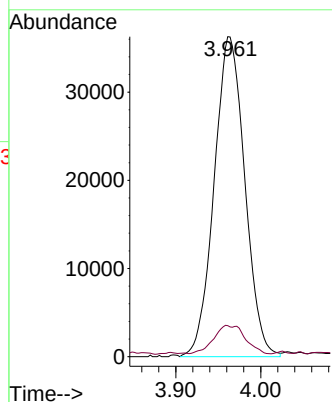
Instrument :  
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ClientSampleId :  
LOQ-WATER-02-QT1-2021



Tgt Ion: 76 Resp: 90973  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.4 11.0

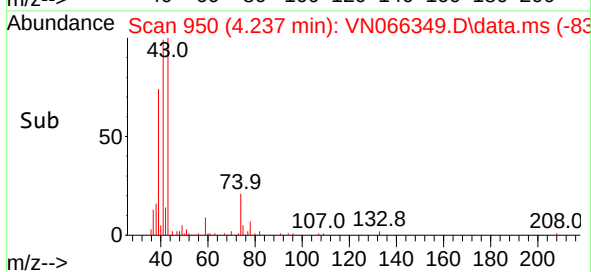
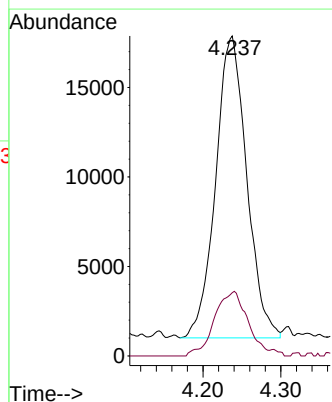
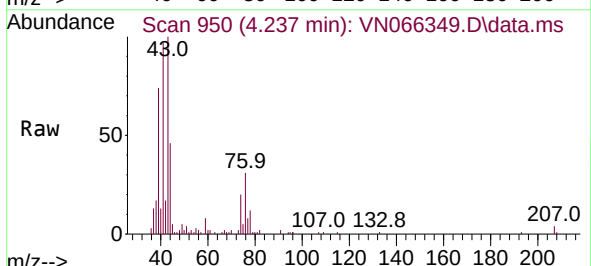
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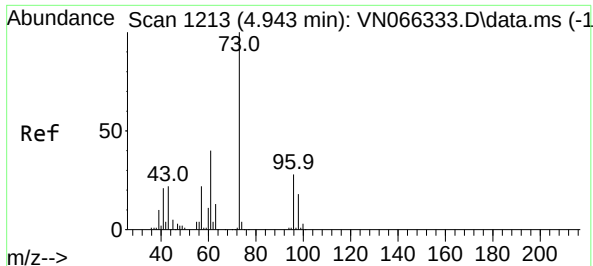
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#18  
Methyl Acetate  
Concen: 5.06 ug/l  
RT: 4.237 min Scan# 950  
Delta R.T. 0.003 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

Tgt Ion: 43 Resp: 46787  
Ion Ratio Lower Upper  
43 100  
74 22.8 17.6 26.4





#19

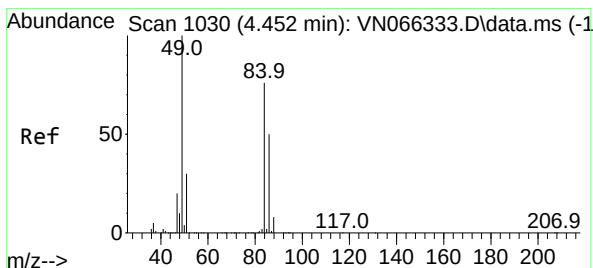
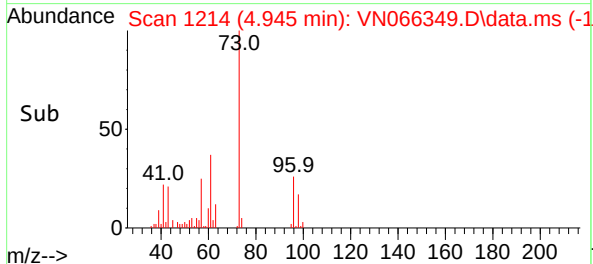
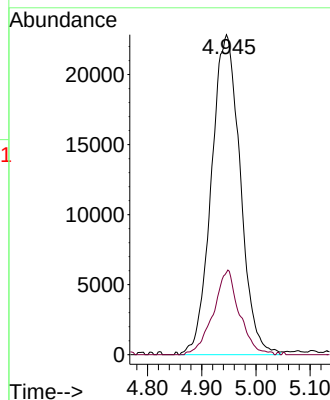
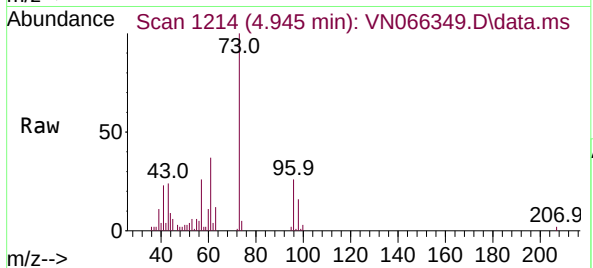
Methyl tert-butyl Ether  
Concen: 5.04 ug/l  
RT: 4.945 min Scan# 1214  
Delta R.T. 0.003 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

Tgt Ion: 73 Resp: 84439  
Ion Ratio Lower Upper  
73 100  
57 25.7 17.6 26.4

Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

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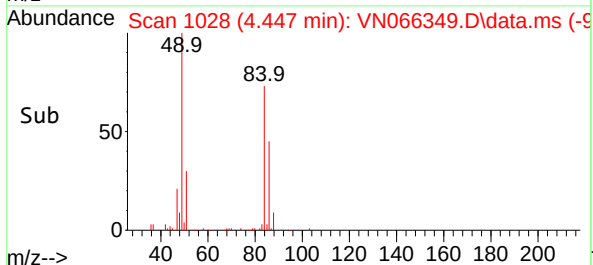
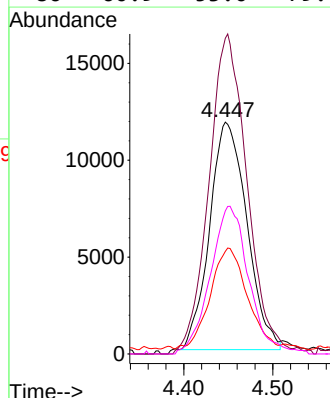
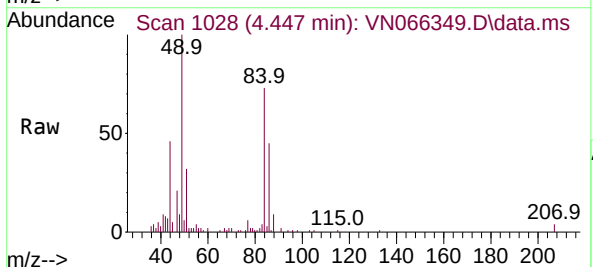
MMDadoda  
3/31/2021 3:39:33 PM

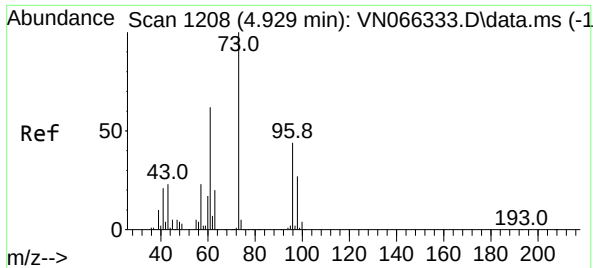


#20

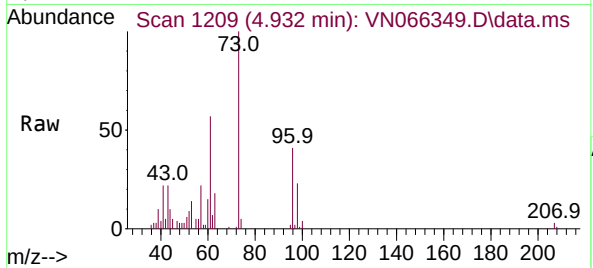
Methylene Chloride  
Concen: 5.02 ug/l  
RT: 4.447 min Scan# 1028  
Delta R.T. -0.005 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

Tgt Ion: 84 Resp: 34212  
Ion Ratio Lower Upper  
84 100  
49 135.3 105.0 157.6  
51 41.3 31.6 47.4  
86 60.9 53.0 79.6

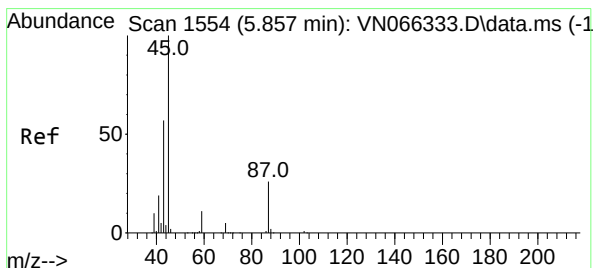
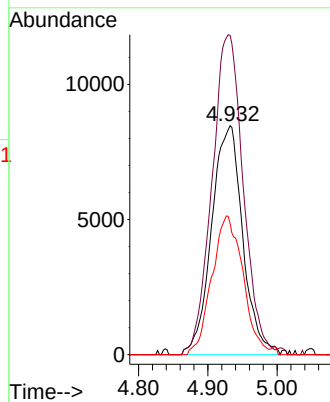
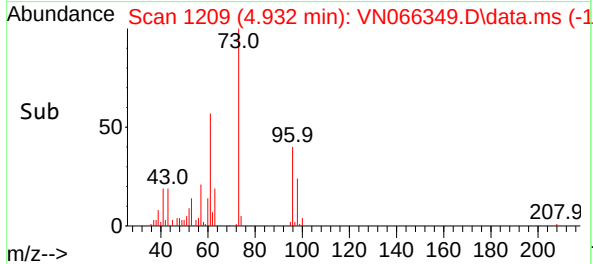




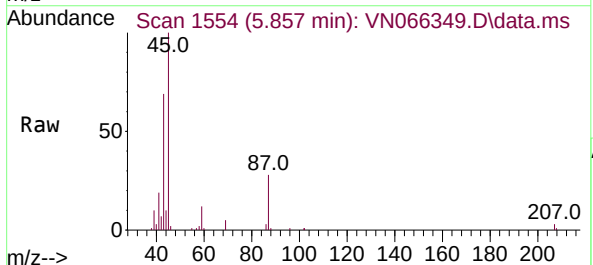
#21  
trans-1,2-Dichloroethene  
Concen: 5.17 ug/l  
RT: 4.932 min Scan# 1209  
Delta R.T. 0.003 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09



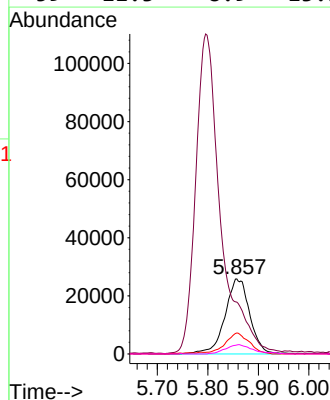
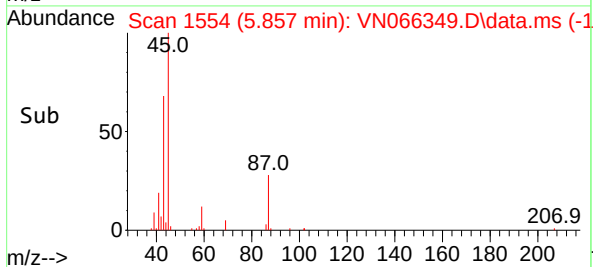
Tgt Ion: 96 Resp: 26461  
Ion Ratio Lower Upper  
96 100  
61 139.5 113.7 170.5  
98 57.3 50.2 75.2



#22  
Diisopropyl ether  
Concen: 5.04 ug/l  
RT: 5.857 min Scan# 1554  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09



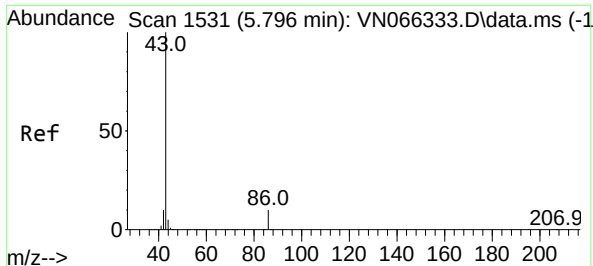
Tgt Ion: 45 Resp: 87834  
Ion Ratio Lower Upper  
45 100  
43 65.6 48.1 72.1  
87 27.9 21.6 32.4  
59 11.3 8.9 13.3



Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

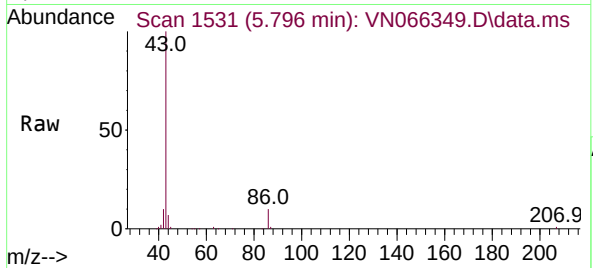
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#23  
 Vinyl Acetate  
 Concen: 25.57 ug/l  
 RT: 5.796 min Scan# 1531  
 Delta R.T. -0.000 min  
 Lab File: VN066349.D  
 Acq: 26 Mar 2021 15:09

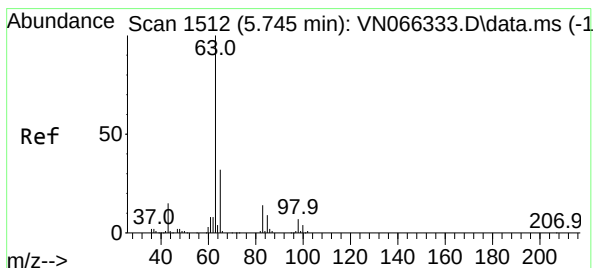
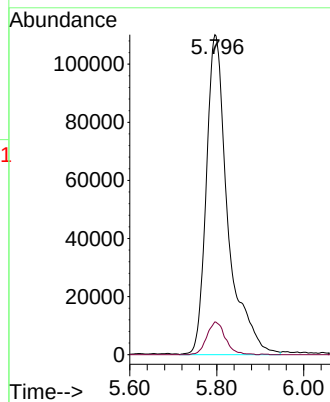
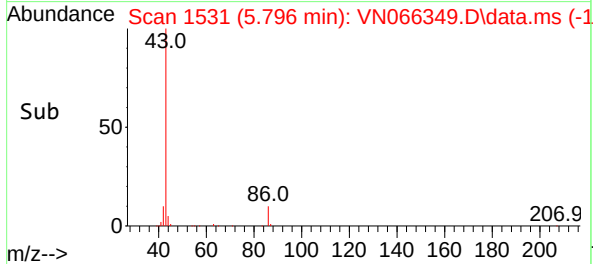
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2021



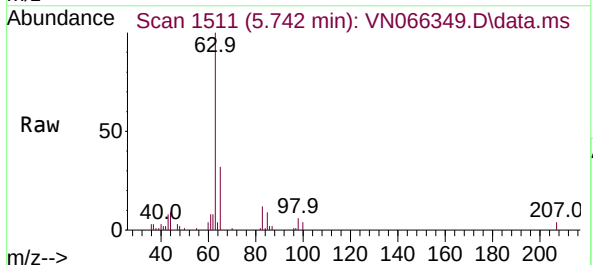
Tgt Ion: 43 Resp: 379486  
 Ion Ratio Lower Upper  
 43 100  
 86 10.2 7.7 11.5

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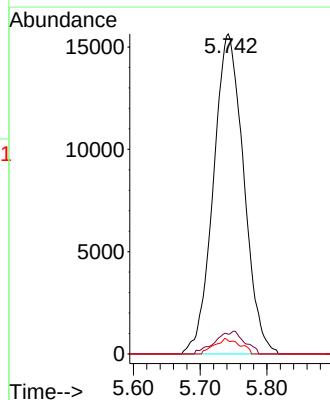
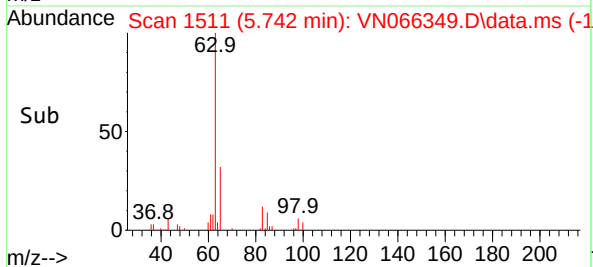
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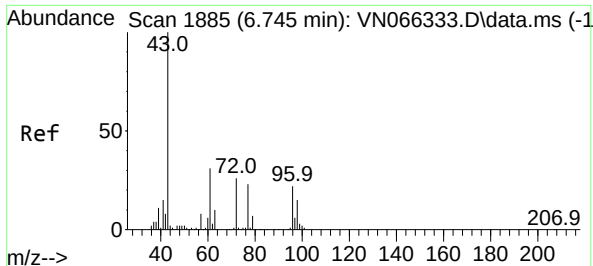
#24  
 1,1-Dichloroethane  
 Concen: 5.12 ug/l  
 RT: 5.742 min Scan# 1511  
 Delta R.T. -0.003 min  
 Lab File: VN066349.D  
 Acq: 26 Mar 2021 15:09



Tgt Ion: 63 Resp: 49297  
 Ion Ratio Lower Upper  
 63 100  
 98 6.1 3.4 10.1  
 100 4.1 2.0 6.0

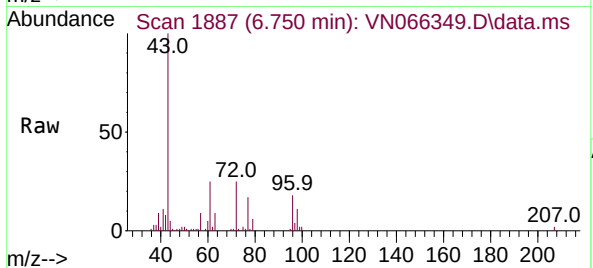






#25  
2-Butanone  
Concen: 25.82 ug/l  
RT: 6.750 min Scan# 1887  
Delta R.T. 0.005 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

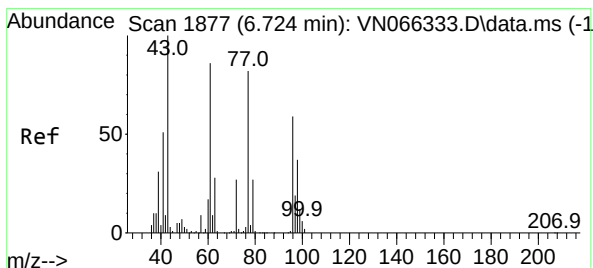
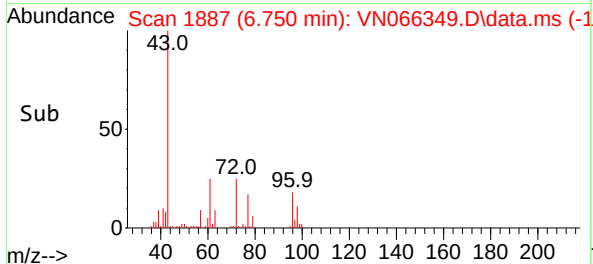
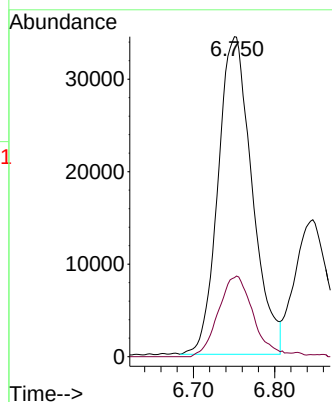
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT1-2021



Tgt Ion: 43 Resp: 99917  
Ion Ratio Lower Upper  
43 100  
72 24.9 20.7 31.1

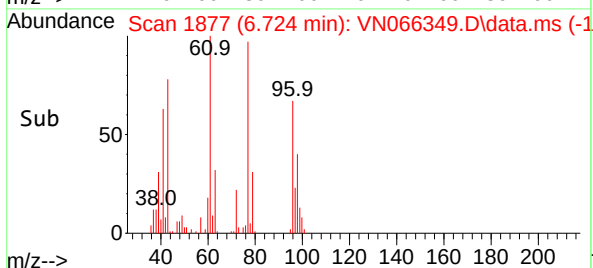
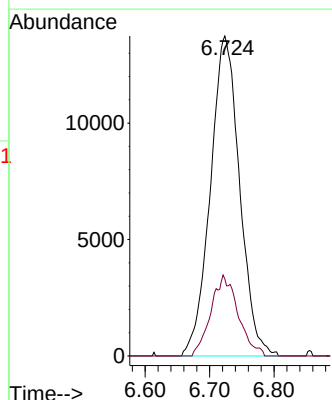
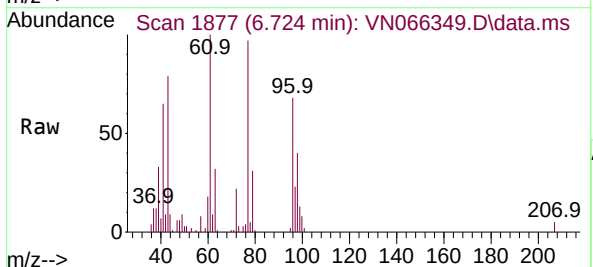
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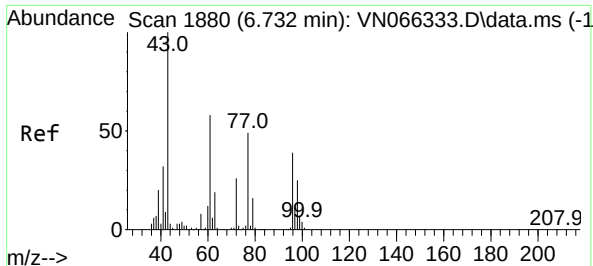
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#26  
2,2-Dichloropropane  
Concen: 5.04 ug/l  
RT: 6.724 min Scan# 1877  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

Tgt Ion: 77 Resp: 43265  
Ion Ratio Lower Upper  
77 100  
97 23.5 11.6 34.7

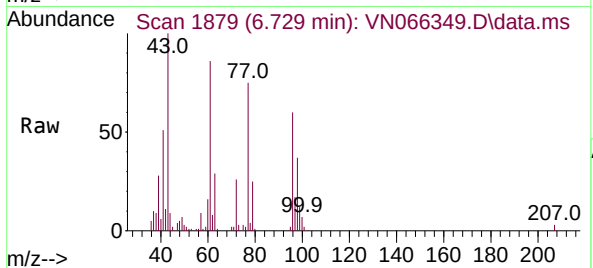




#27

cis-1,2-Dichloroethene  
Concen: 5.15 ug/l  
RT: 6.729 min Scan# 1879  
Delta R.T. -0.003 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

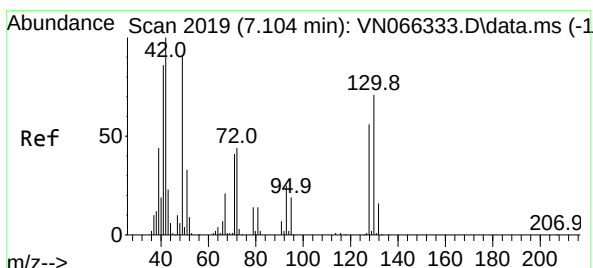
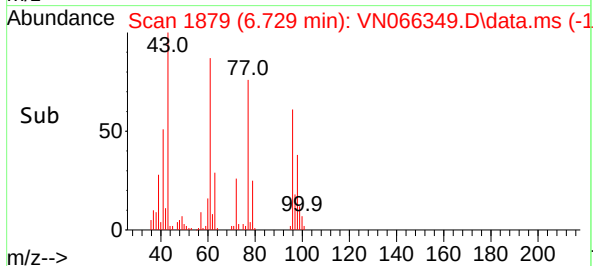
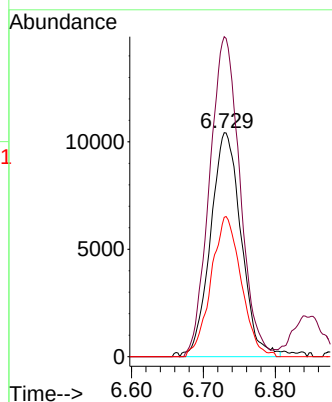
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT1-2021



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 30804 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 141.5 | 0.0   | 296.2 |
| 98       | 61.4  | 0.0   | 129.2 |

Manual Integrations  
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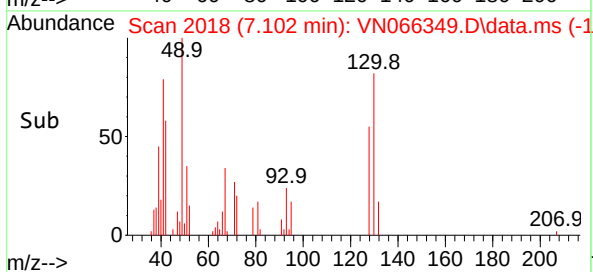
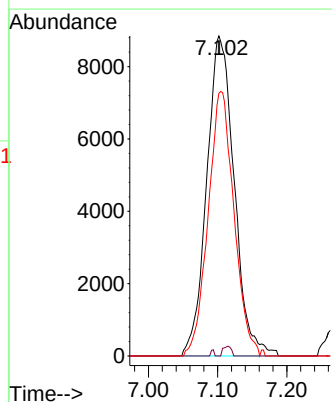
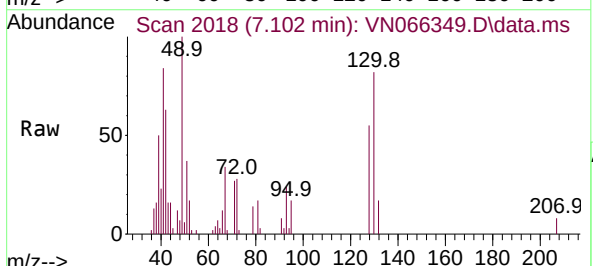
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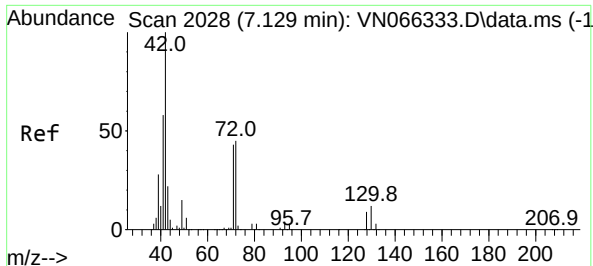


#28

Bromochloromethane  
Concen: 5.04 ug/l  
RT: 7.102 min Scan# 2018  
Delta R.T. -0.003 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 24450 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 0.2   | 0.0   | 4.2   |
| 130      | 77.5  | 61.6  | 92.4  |





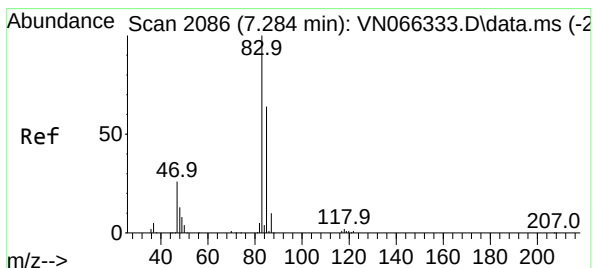
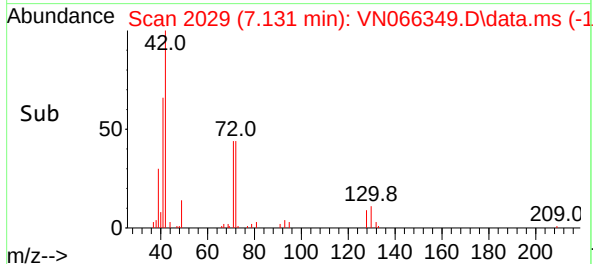
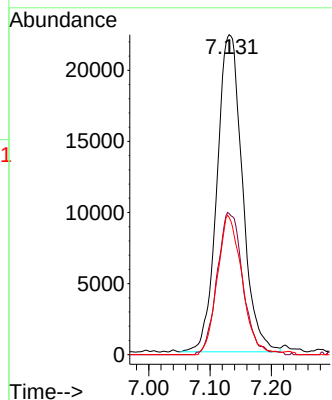
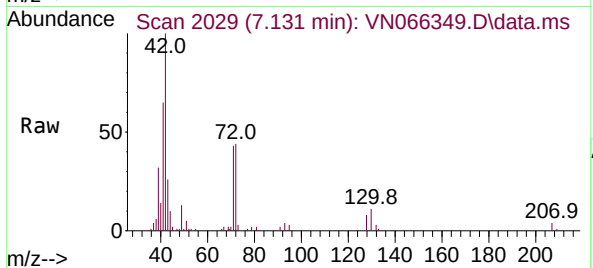
#29  
Tetrahydrofuran  
Concen: 25.48 ug/l  
RT: 7.131 min Scan# 2029  
Delta R.T. 0.003 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

Tgt Ion: 42 Resp: 64348  
Ion Ratio Lower Upper  
42 100  
72 44.9 35.2 52.8  
71 42.8 33.1 49.7

Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

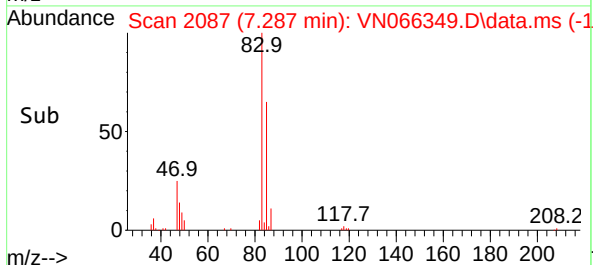
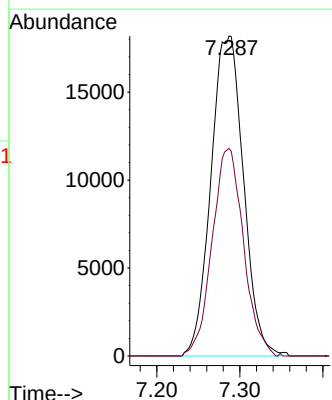
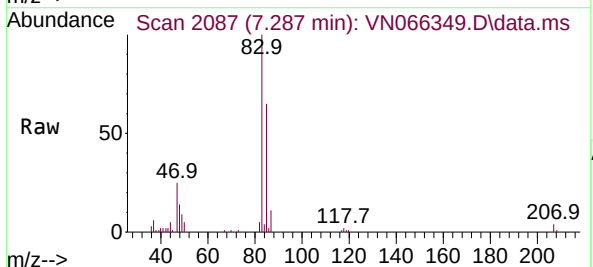
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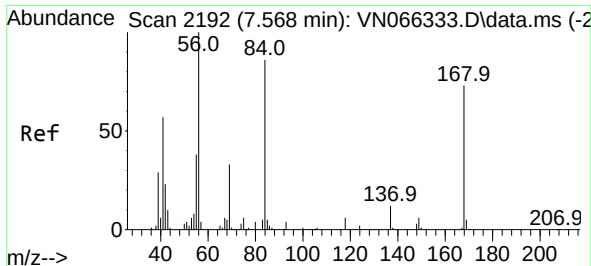
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#30  
Chloroform  
Concen: 5.15 ug/l  
RT: 7.287 min Scan# 2087  
Delta R.T. 0.003 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

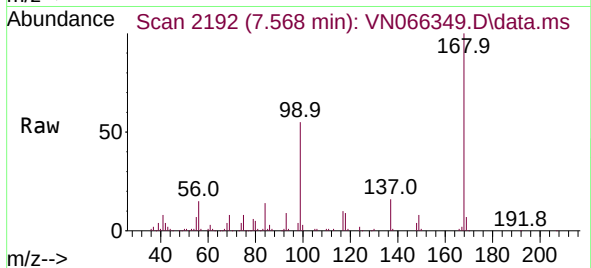
Tgt Ion: 83 Resp: 49575  
Ion Ratio Lower Upper  
83 100  
85 64.8 51.3 76.9





#31  
Cyclohexane  
Concen: 5.87 ug/l  
RT: 7.568 min Scan# 2192  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

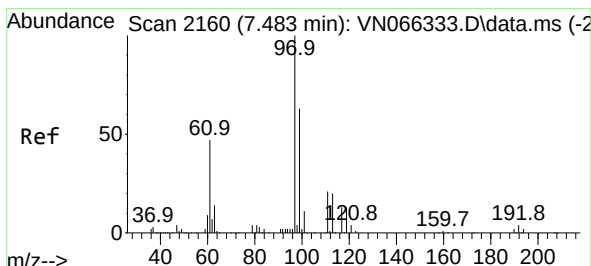
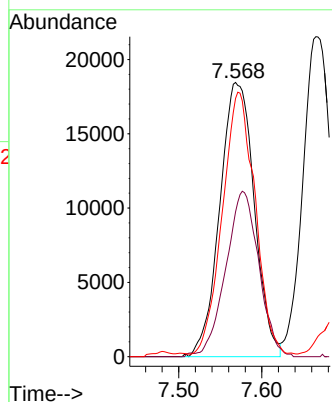
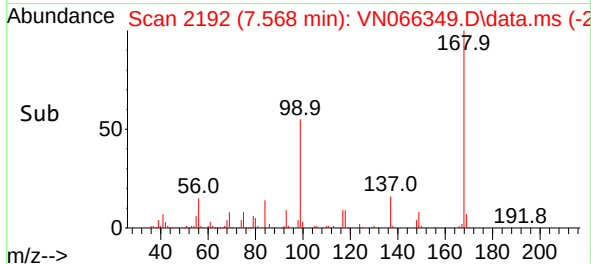
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT1-2021



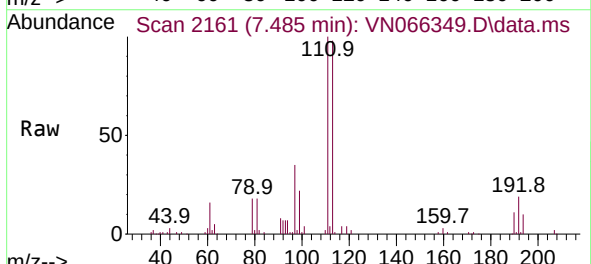
Tgt Ion: 56 Resp: 53208  
Ion Ratio Lower Upper  
56 100  
69 52.8 26.6 40.0#  
84 92.9 68.7 103.1

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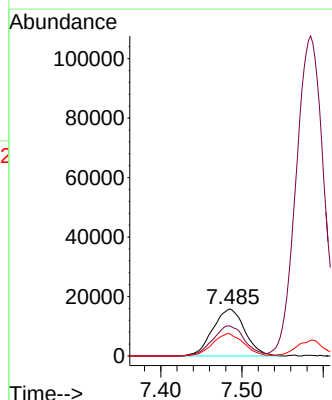
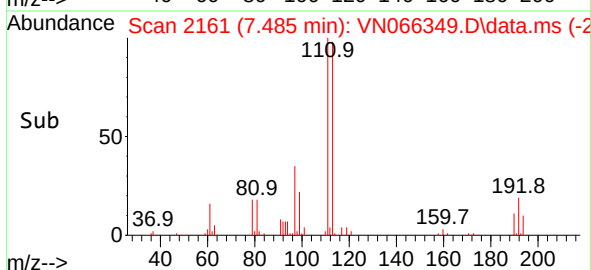
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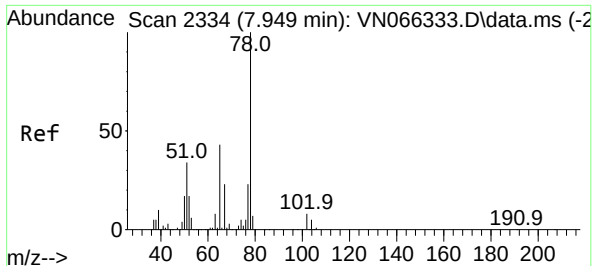


#32  
1,1,1-Trichloroethane  
Concen: 5.12 ug/l  
RT: 7.485 min Scan# 2161  
Delta R.T. 0.003 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09



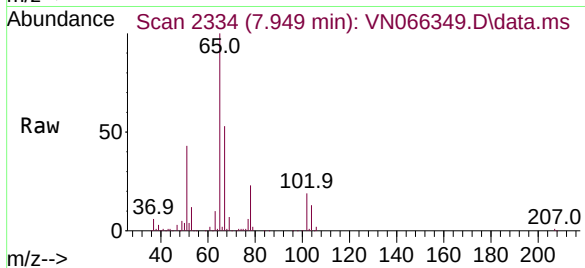
Tgt Ion: 97 Resp: 43275  
Ion Ratio Lower Upper  
97 100  
99 63.1 51.1 76.7  
61 46.3 36.9 55.3





#33  
 1,2-Dichloroethane-d4  
 Concen: 51.77 ug/l  
 RT: 7.949 min Scan# 2334  
 Delta R.T. 0.000 min  
 Lab File: VN066349.D  
 Acq: 26 Mar 2021 15:09

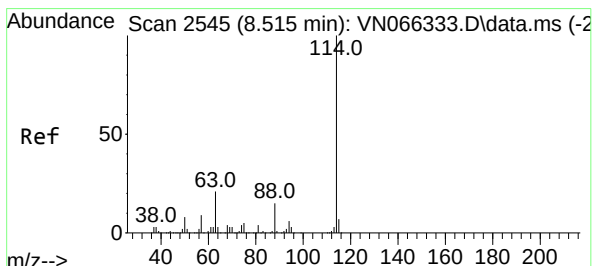
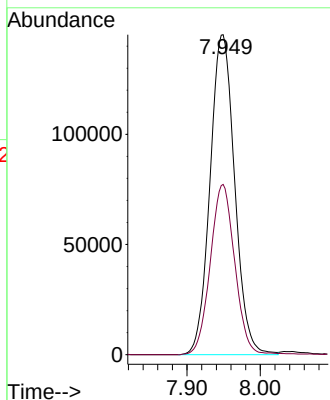
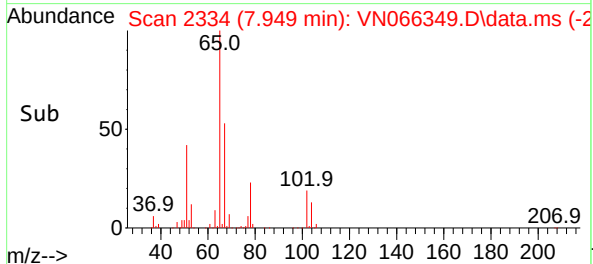
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2021



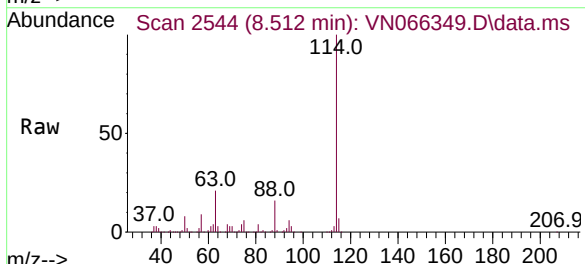
Tgt Ion: 65 Resp: 339243  
 Ion Ratio Lower Upper  
 65 100  
 67 52.9 0.0 105.2

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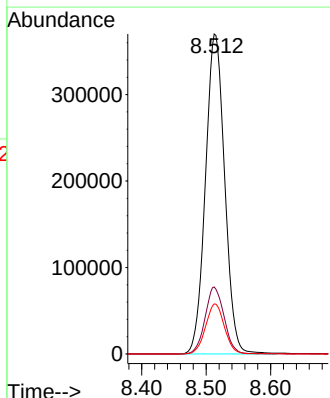
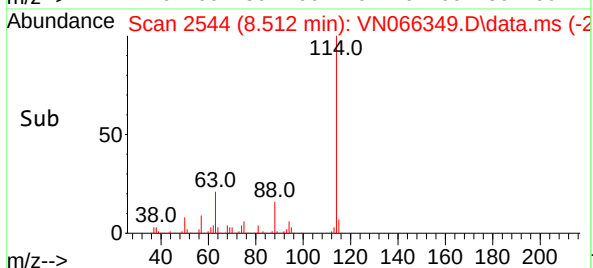
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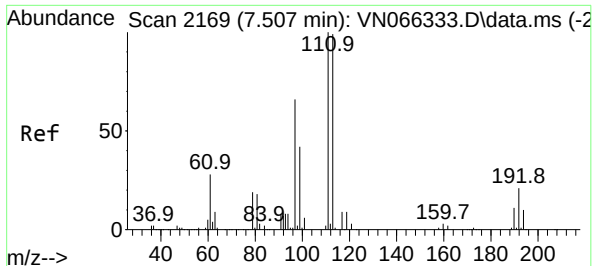


#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.512 min Scan# 2544  
 Delta R.T. -0.003 min  
 Lab File: VN066349.D  
 Acq: 26 Mar 2021 15:09



Tgt Ion: 114 Resp: 767750  
 Ion Ratio Lower Upper  
 114 100  
 63 21.0 0.0 42.0  
 88 15.6 0.0 31.0





#35

Dibromofluoromethane

Concen: 52.16 ug/l

RT: 7.507 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VN066349.D

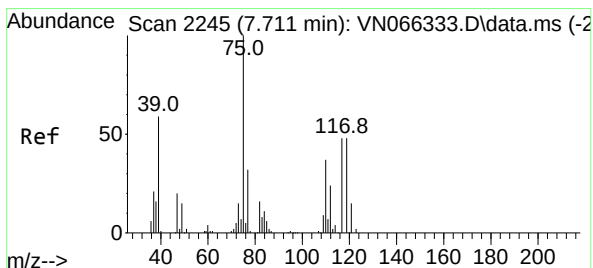
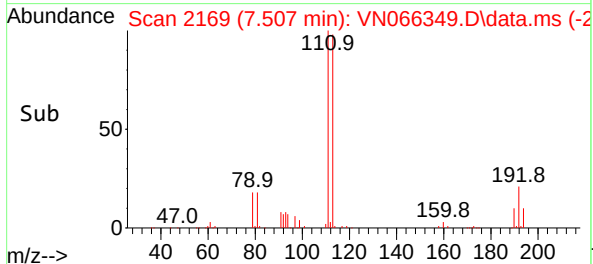
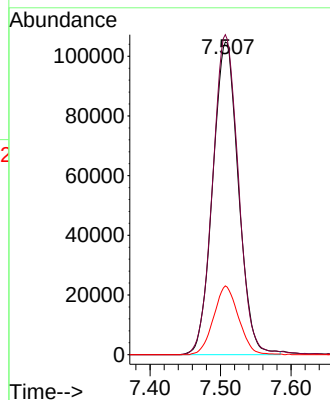
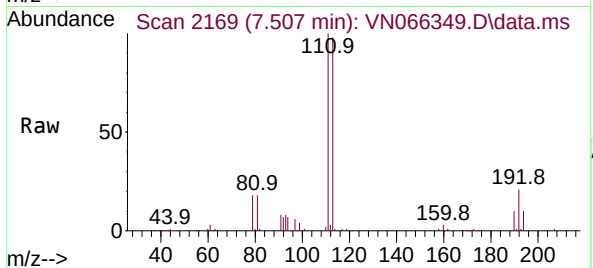
Acq: 26 Mar 2021 15:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 265478 |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 111      | 101.8 | 81.8  | 122.8  |
| 192      | 21.3  | 17.1  | 25.7   |

Instrument :  
MSVOA\_N  
ClientSampleId :  
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#36

1,1-Dichloropropene

Concen: 5.13 ug/l

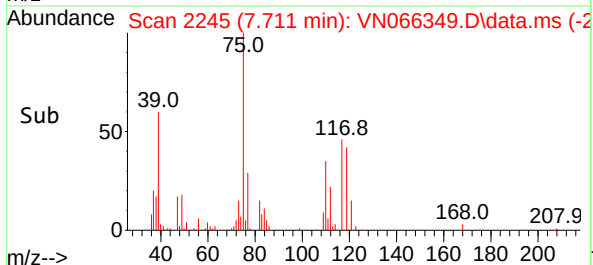
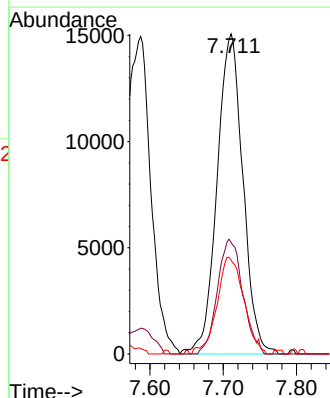
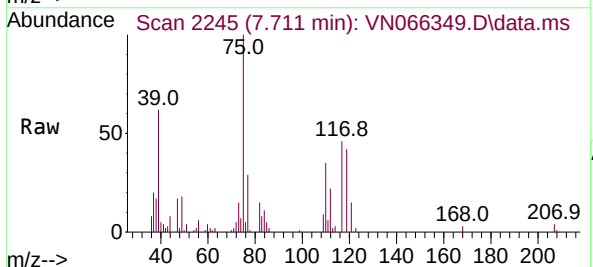
RT: 7.711 min Scan# 2245

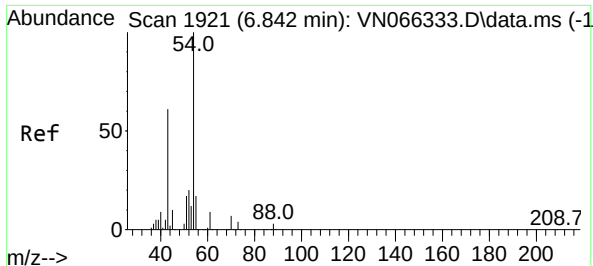
Delta R.T. -0.000 min

Lab File: VN066349.D

Acq: 26 Mar 2021 15:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 36991 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 34.8  | 18.1  | 54.3  |
| 77       | 31.4  | 25.0  | 37.4  |





#37

Ethyl Acetate

Concen: 5.22 ug/l

RT: 6.847 min Scan# 1923

Delta R.T. 0.005 min

Lab File: VN066349.D

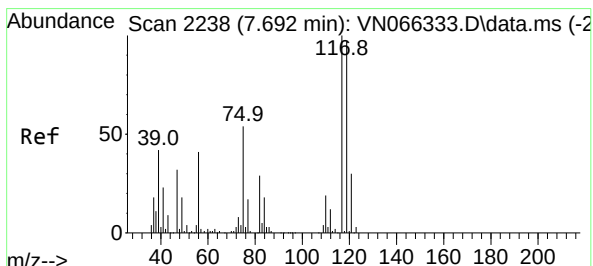
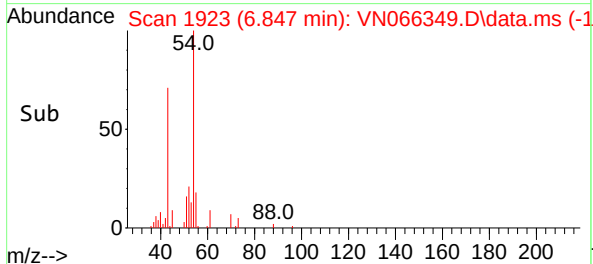
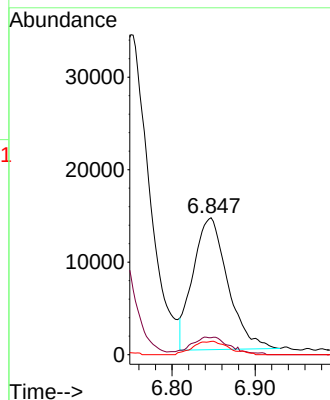
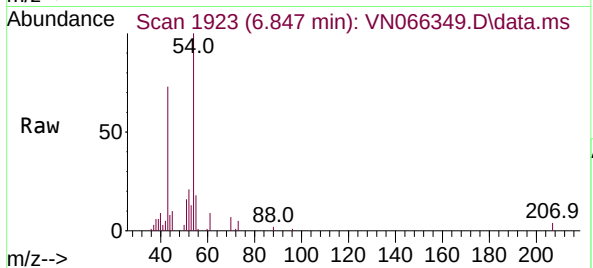
Acq: 26 Mar 2021 15:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 41420 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 5.1   | 11.1  | 16.7# |
| 70       | 9.7   | 8.0   | 12.0  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

Manual Integrations  
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#38

Carbon Tetrachloride

Concen: 4.99 ug/l

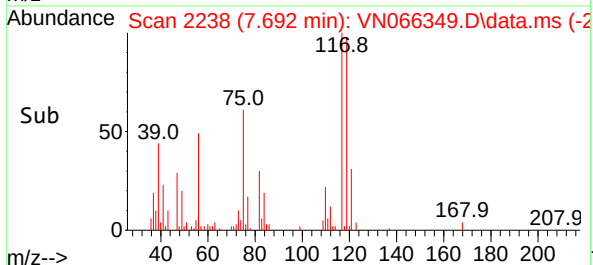
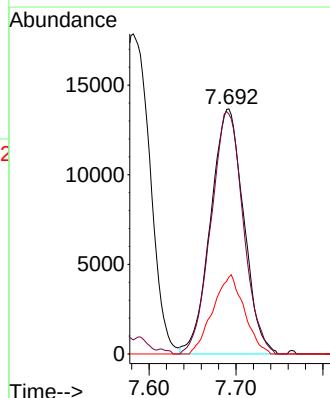
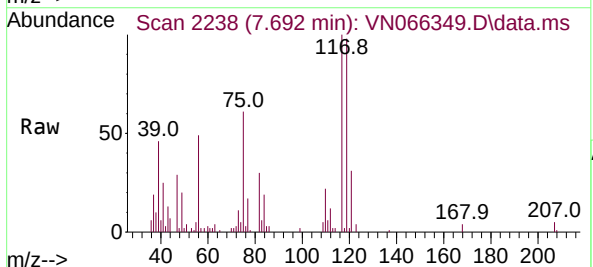
RT: 7.692 min Scan# 2238

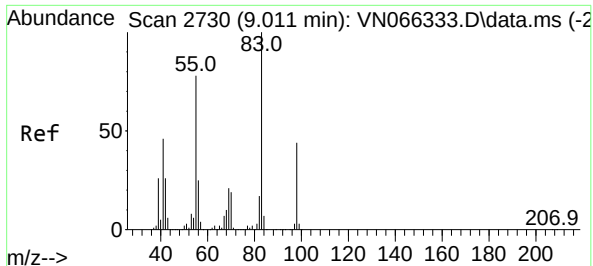
Delta R.T. -0.000 min

Lab File: VN066349.D

Acq: 26 Mar 2021 15:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 36171 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 97.8  | 77.2  | 115.8 |
| 121      | 31.3  | 24.2  | 36.4  |





#39

Methylcyclohexane

Concen: 5.02 ug/l

RT: 9.011 min Scan# 2730

Delta R.T. -0.000 min

Lab File: VN066349.D

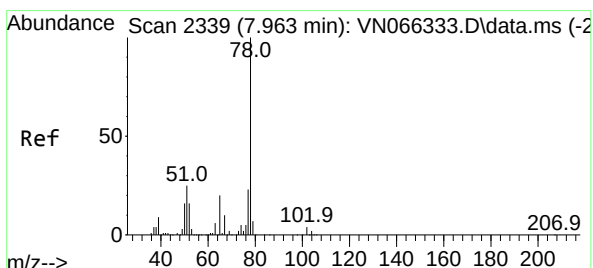
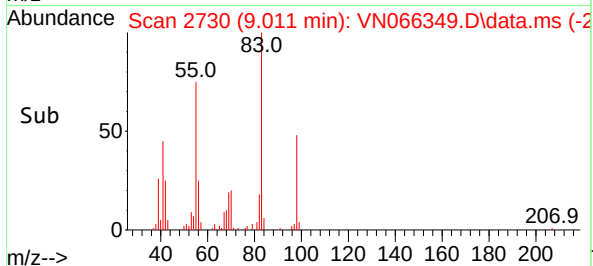
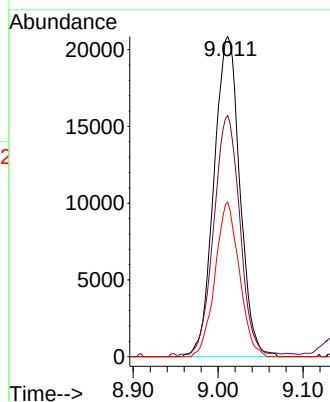
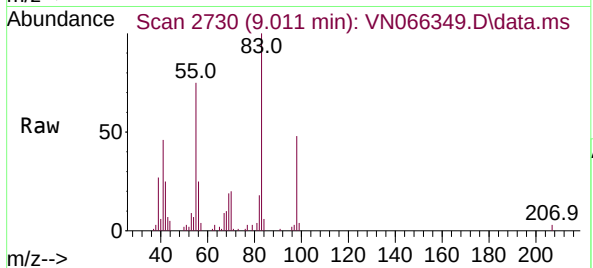
Acq: 26 Mar 2021 15:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 44134 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 74.7  | 62.3  | 93.5  |
| 98       | 48.3  | 35.6  | 53.4  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

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#40

Benzene

Concen: 5.10 ug/l

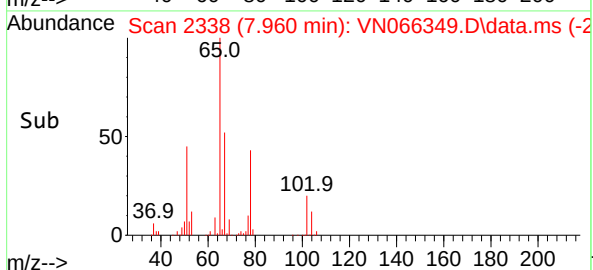
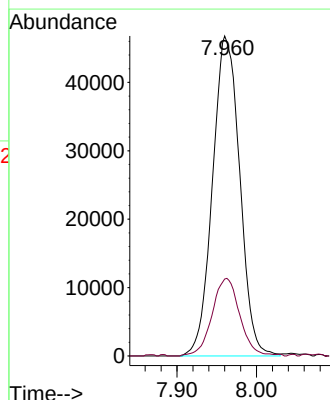
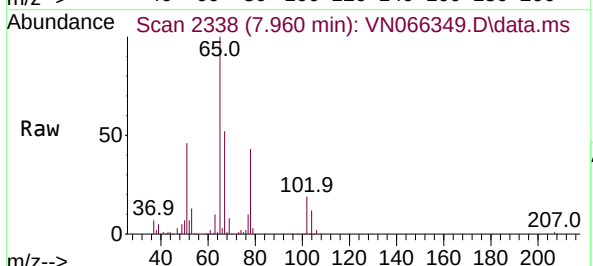
RT: 7.960 min Scan# 2338

Delta R.T. -0.003 min

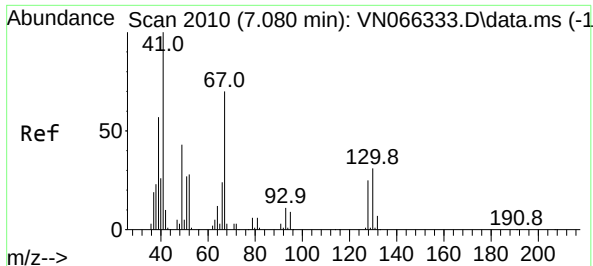
Lab File: VN066349.D

Acq: 26 Mar 2021 15:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 111203 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 24.0  | 18.7  | 28.1   |







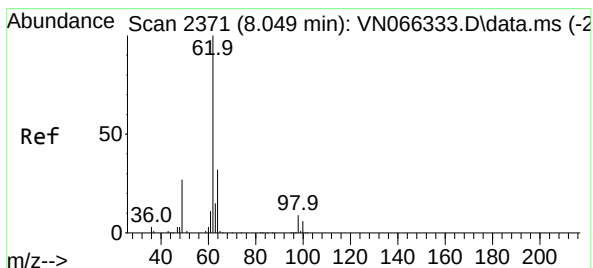
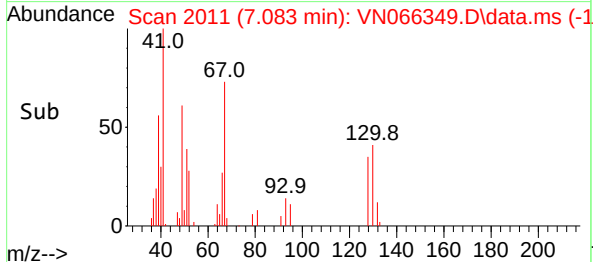
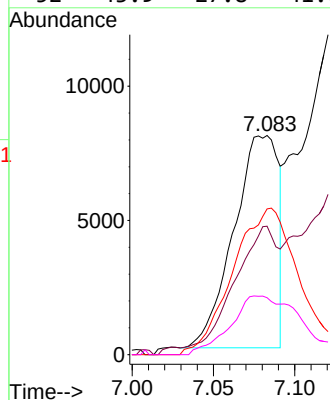
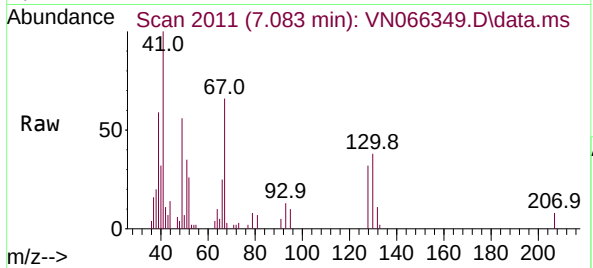
#41  
Methacrylonitrile  
Concen: 3.85 ug/l  
RT: 7.083 min Scan# 2011  
Delta R.T. 0.003 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 15148 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 53.7  | 51.7  | 77.5  |
| 67        | 102.0 | 68.5  | 102.7 |
| 52        | 43.9  | 27.8  | 41.6# |

Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

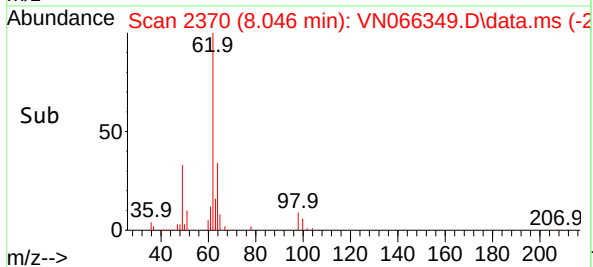
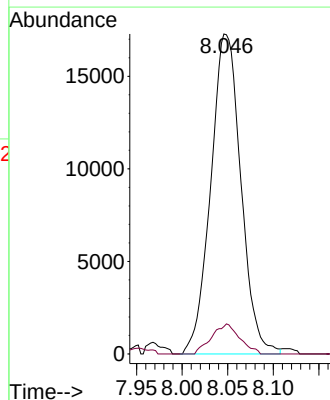
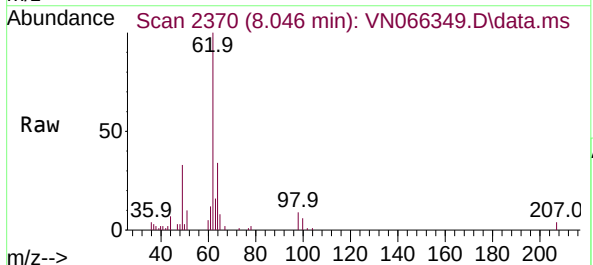
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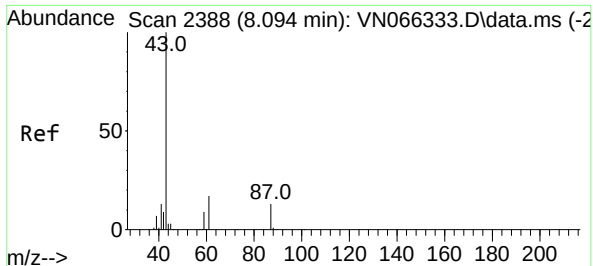
MMDadoda  
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#42  
1,2-Dichloroethane  
Concen: 5.10 ug/l  
RT: 8.046 min Scan# 2370  
Delta R.T. -0.003 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 62    | Resp: | 39769 |
| Ion Ratio | Lower | Upper |       |
| 62        | 100   |       |       |
| 98        | 8.7   | 0.0   | 17.6  |





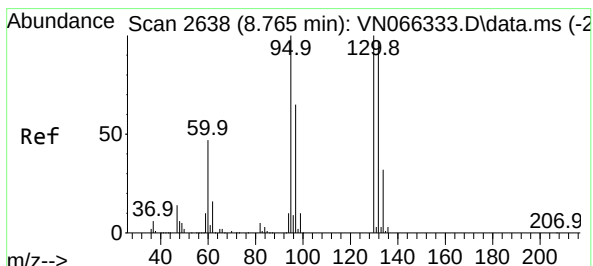
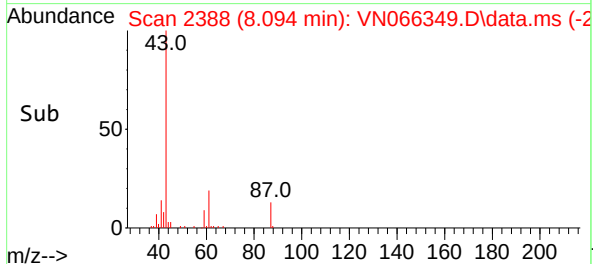
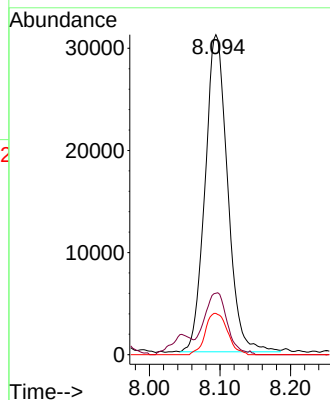
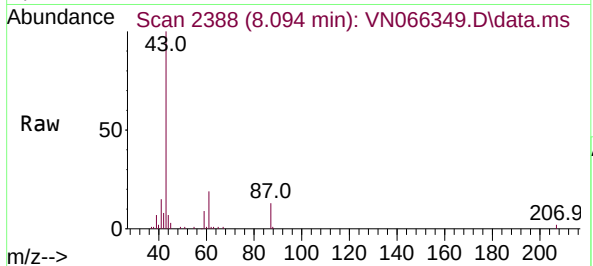
#43  
Isopropyl Acetate  
Concen: 5.08 ug/l  
RT: 8.094 min Scan# 2388  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 68971 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 19.9     | 15.5 23.3   |
| 87 12.9     | 10.5 15.7   |

Instrument :  
MSVOA\_N  
ClientSampleId :  
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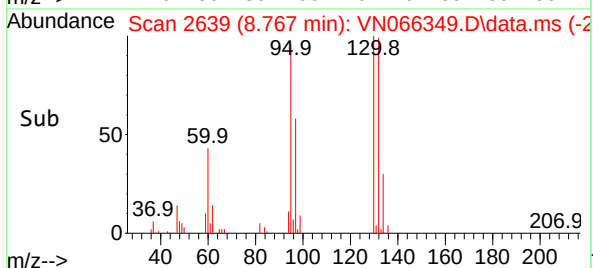
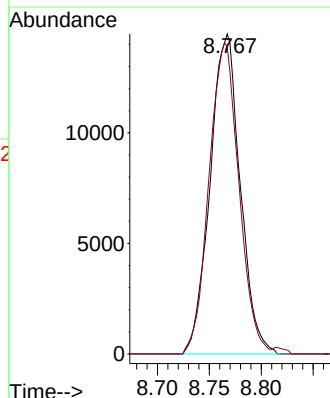
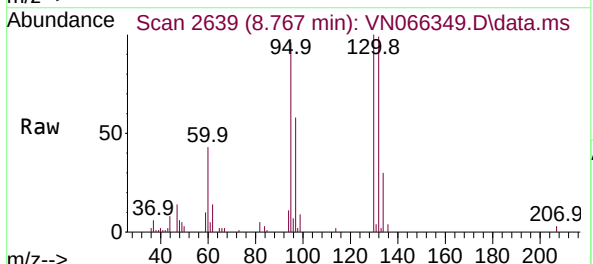
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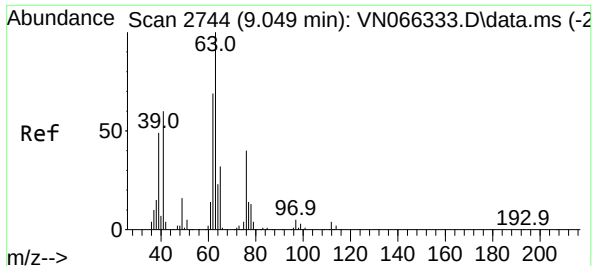
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#44  
Trichloroethene  
Concen: 5.09 ug/l  
RT: 8.767 min Scan# 2639  
Delta R.T. 0.003 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:130 | Resp: | 29166 |       |
| Ion         | Ratio | Lower | Upper |
| 130         | 100   |       |       |
| 95          | 95.9  | 0.0   | 200.6 |





#45

1,2-Dichloropropane

Concen: 5.10 ug/l

RT: 9.049 min Scan# 2744

Delta R.T. -0.000 min

Lab File: VN066349.D

Acq: 26 Mar 2021 15:09

Tgt Ion: 63 Resp: 29621

Ion Ratio Lower Upper

63 100

65 33.0 25.5 38.3

Instrument :

MSVOA\_N

ClientSampleId :

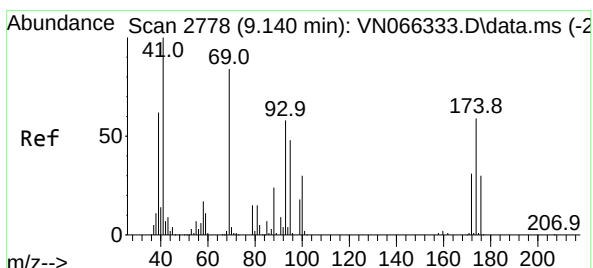
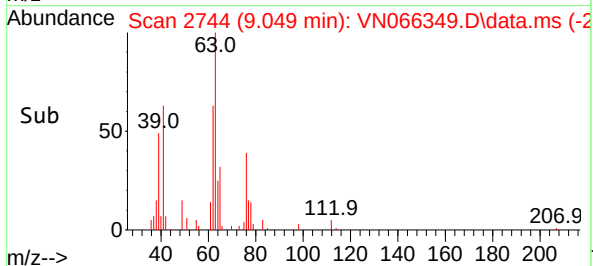
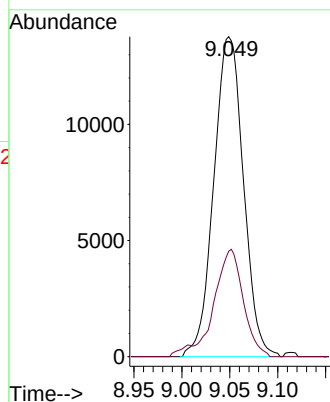
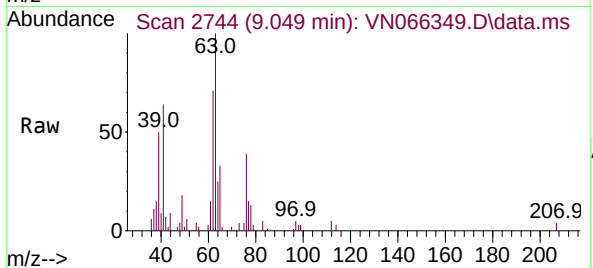
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#46

Dibromomethane

Concen: 5.16 ug/l

RT: 9.140 min Scan# 2778

Delta R.T. -0.000 min

Lab File: VN066349.D

Acq: 26 Mar 2021 15:09

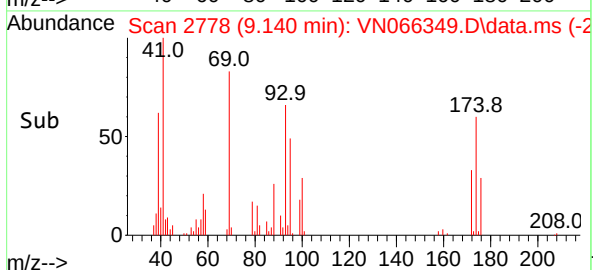
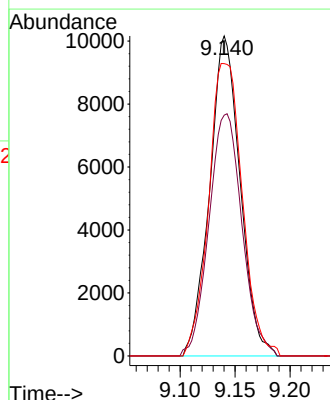
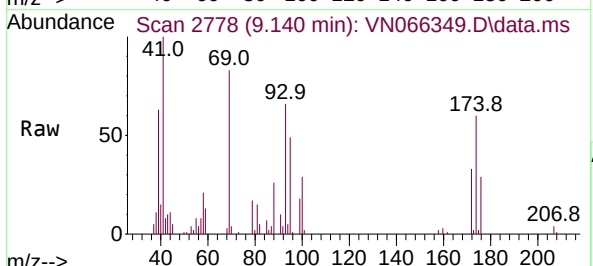
Tgt Ion: 93 Resp: 19628

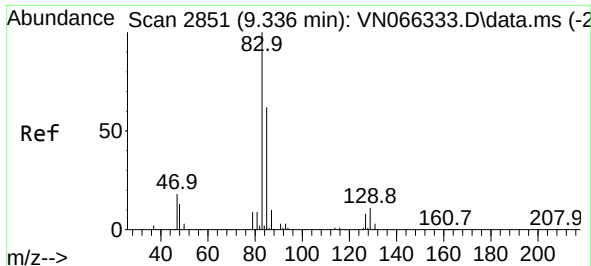
Ion Ratio Lower Upper

93 100

95 81.9 66.8 100.2

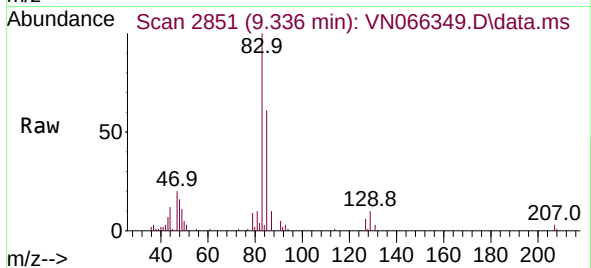
174 100.6 83.2 124.8





#47  
Bromodichloromethane  
Concen: 5.15 ug/l  
RT: 9.336 min Scan# 2851  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

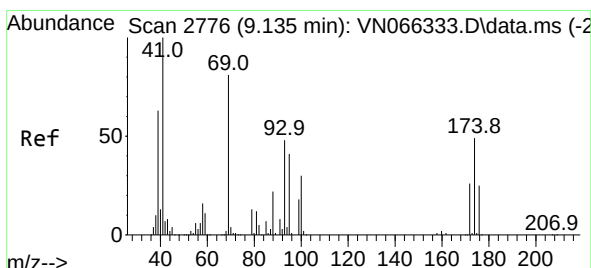
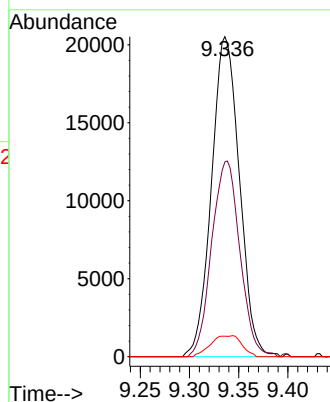
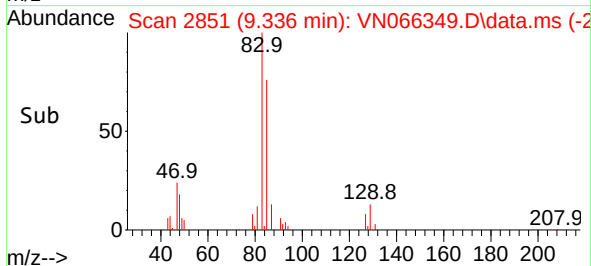
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT1-2021



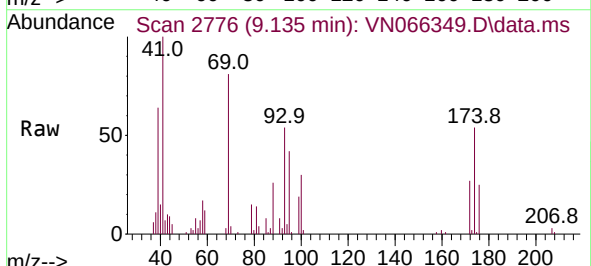
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 60.9  | 49.4  | 74.2  |
| 127     | 6.4   | 6.7   | 10.1# |

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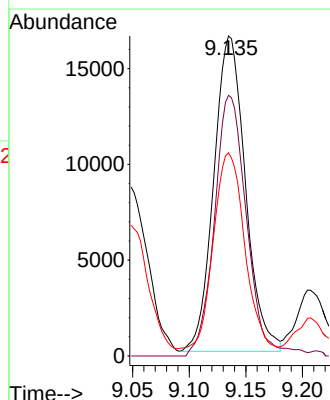
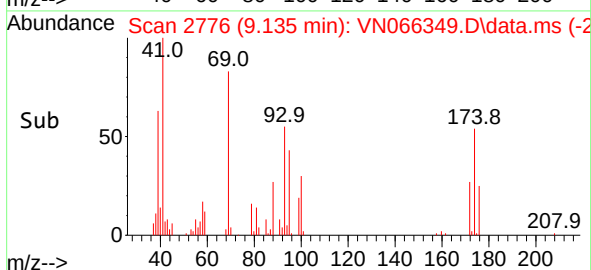
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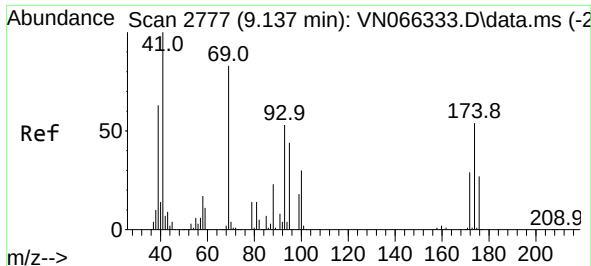


#48  
Methyl methacrylate  
Concen: 4.95 ug/l  
RT: 9.135 min Scan# 2776  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09



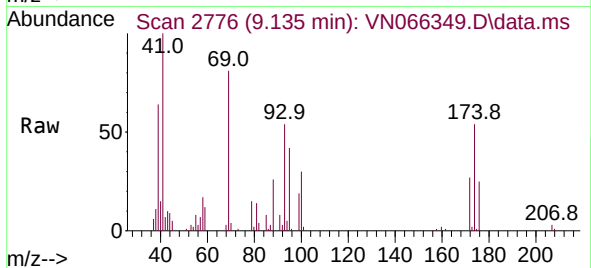
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 83.8  | 66.2  | 99.4  |
| 39      | 60.6  | 51.5  | 77.3  |





#49  
1,4-Dioxane  
Concen: 108.11 ug/l  
RT: 9.135 min Scan# 2776  
Delta R.T. -0.003 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

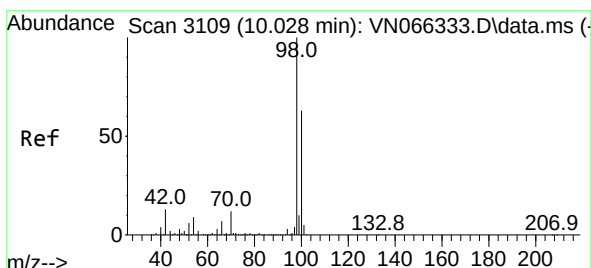
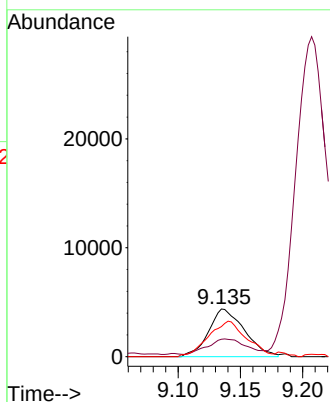
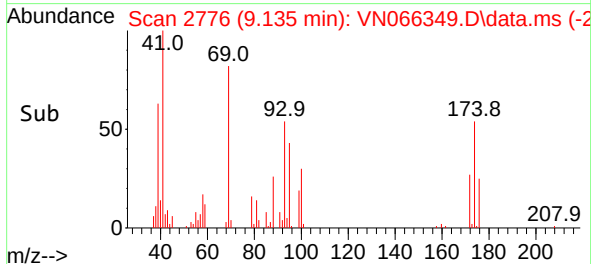
Instrument :  
MSVOA\_N  
ClientSampleId :  
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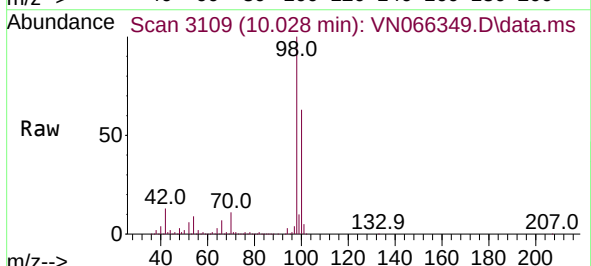
Tgt Ion: 88 Resp: 8773  
Ion Ratio Lower Upper  
88 100  
43 34.0 28.2 42.4  
58 78.9 56.6 84.8

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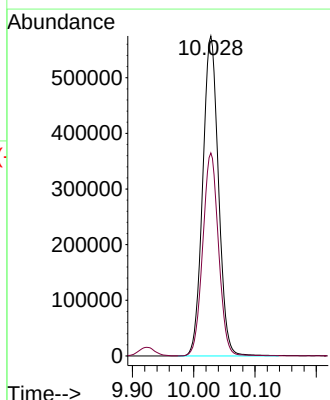
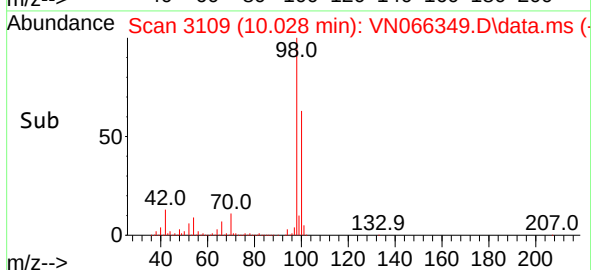
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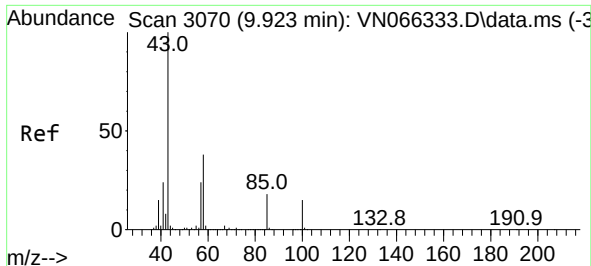


#50  
Toluene-d8  
Concen: 53.21 ug/l  
RT: 10.028 min Scan# 3109  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09



Tgt Ion: 98 Resp: 1027264  
Ion Ratio Lower Upper  
98 100  
100 63.4 50.5 75.7





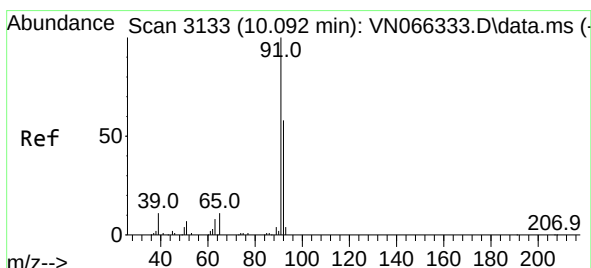
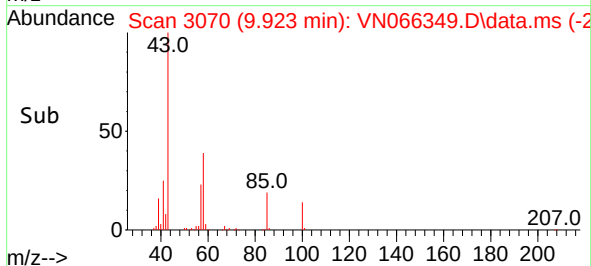
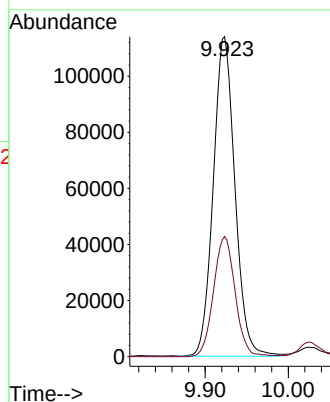
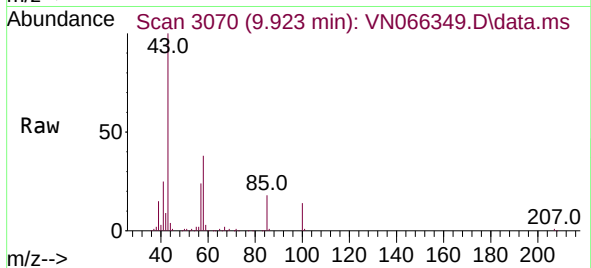
#51  
4-Methyl-2-Pentanone  
Concen: 26.02 ug/l  
RT: 9.923 min Scan# 3070  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

Tgt Ion: 43 Resp: 206342  
Ion Ratio Lower Upper  
43 100  
58 37.7 30.8 46.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
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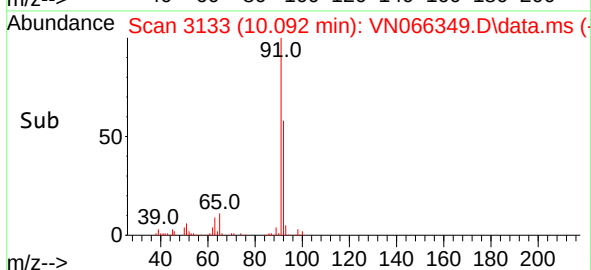
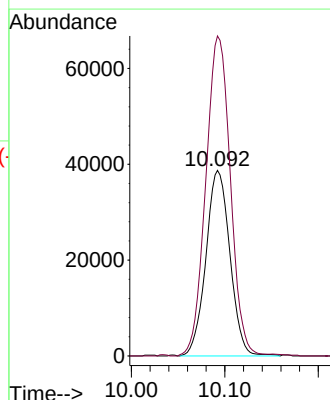
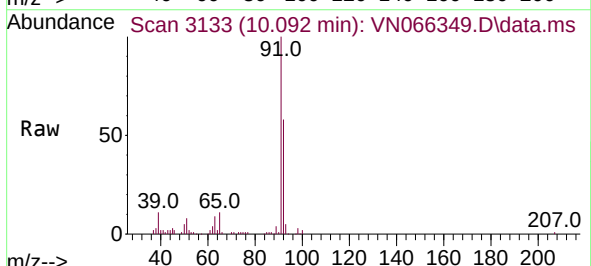
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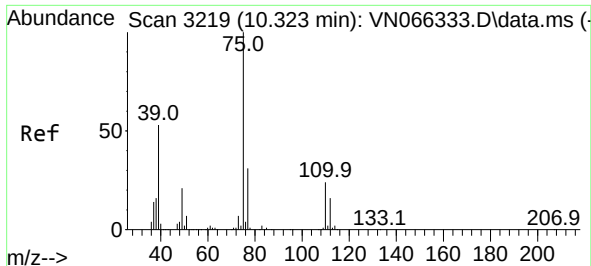
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#52  
Toluene  
Concen: 5.18 ug/l  
RT: 10.092 min Scan# 3133  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

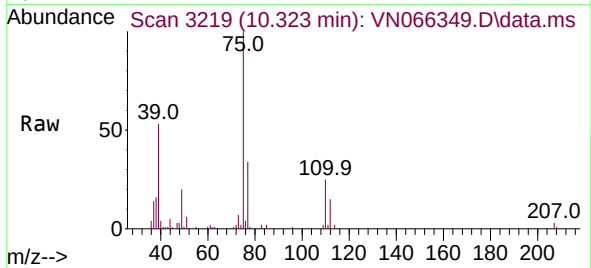
Tgt Ion: 92 Resp: 69270  
Ion Ratio Lower Upper  
92 100  
91 176.3 138.8 208.2





#53  
 t-1,3-Dichloropropene  
 Concen: 5.04 ug/l  
 RT: 10.323 min Scan# 3219  
 Delta R.T. -0.000 min  
 Lab File: VN066349.D  
 Acq: 26 Mar 2021 15:09

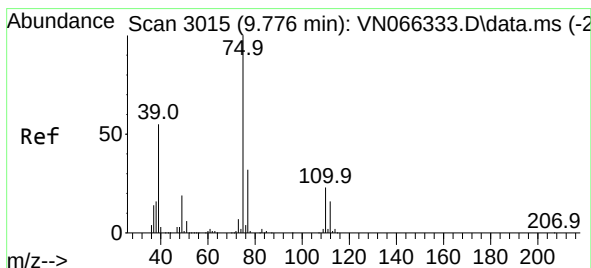
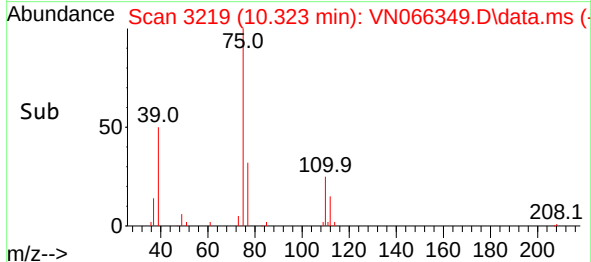
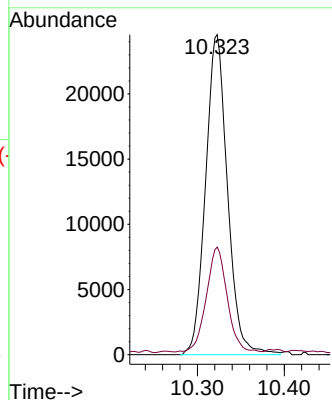
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2021



Tgt Ion: 75 Resp: 42985  
 Ion Ratio Lower Upper  
 75 100  
 77 32.5 25.0 37.6

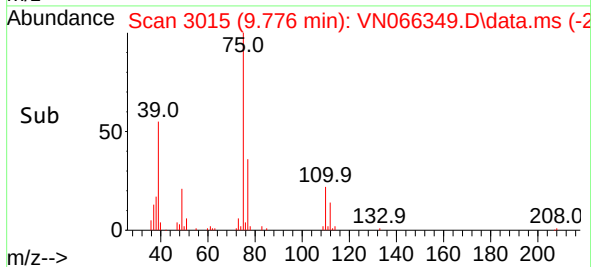
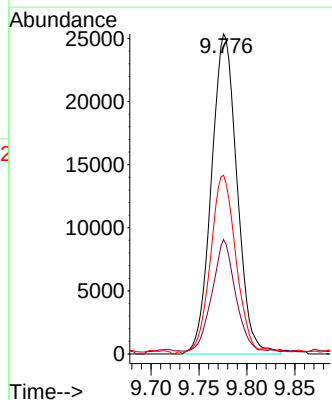
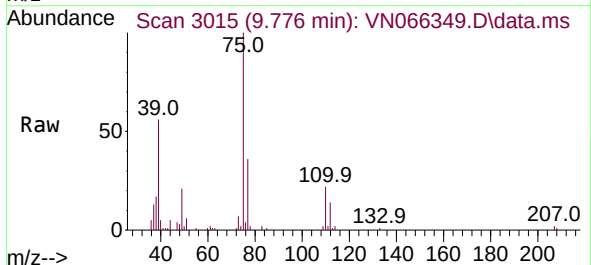
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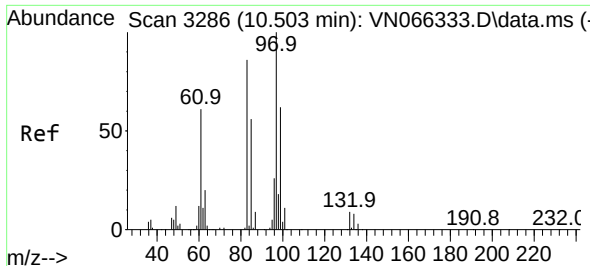
MMDadoda  
 3/31/2021 3:39:33 PM



#54  
 cis-1,3-Dichloropropene  
 Concen: 5.13 ug/l  
 RT: 9.776 min Scan# 3015  
 Delta R.T. -0.000 min  
 Lab File: VN066349.D  
 Acq: 26 Mar 2021 15:09

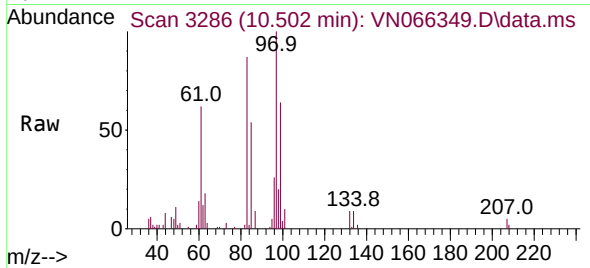
Tgt Ion: 75 Resp: 47029  
 Ion Ratio Lower Upper  
 75 100  
 77 34.8 25.4 38.2  
 39 55.2 44.2 66.4





#55  
1,1,2-Trichloroethane  
Concen: 5.28 ug/l  
RT: 10.502 min Scan# 3286  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

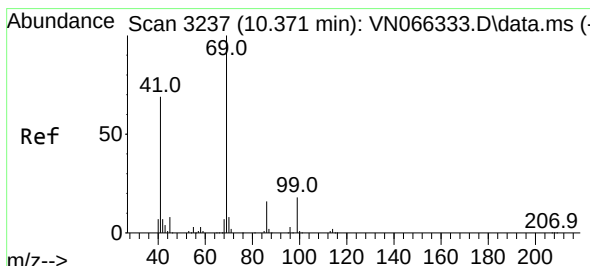
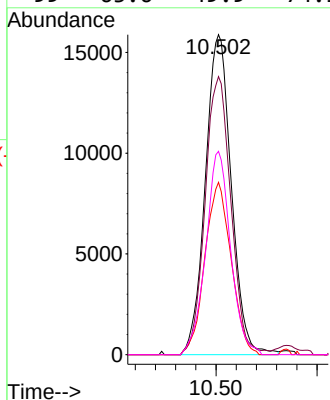
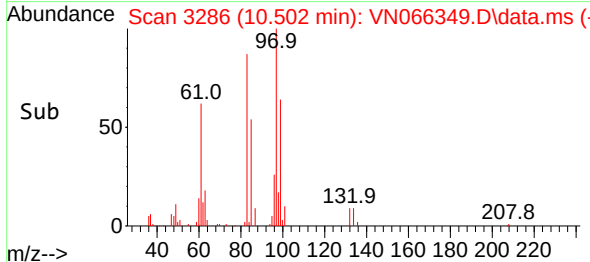
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT1-2021



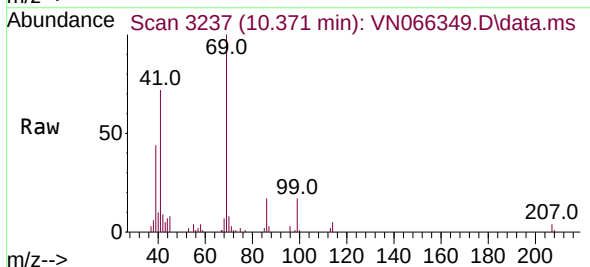
| Tgt Ion: | 97    | Resp: | 28372 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.9  | 68.9  | 103.3 |
| 85       | 53.8  | 45.1  | 67.7  |
| 99       | 63.6  | 49.9  | 74.9  |

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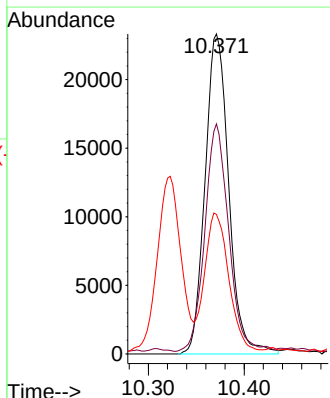
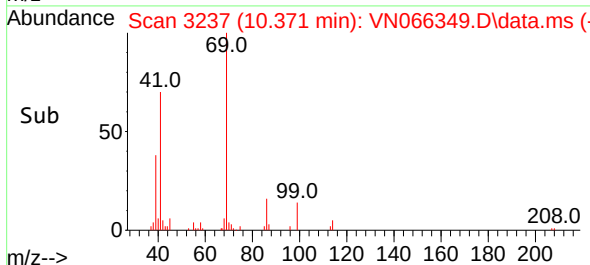
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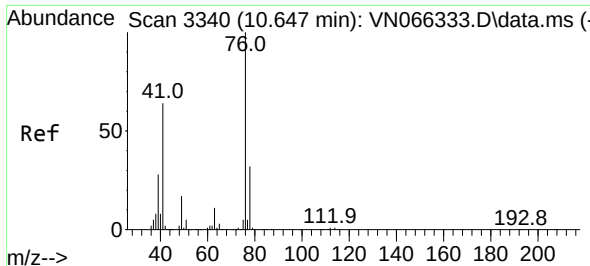
#56  
Ethyl methacrylate  
Concen: 4.86 ug/l  
RT: 10.371 min Scan# 3237  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09



| Tgt Ion: | 69    | Resp: | 40063 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 71.0  | 55.3  | 82.9  |
| 39       | 43.5  | 33.8  | 50.6  |







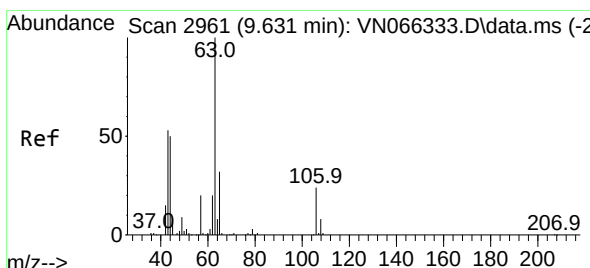
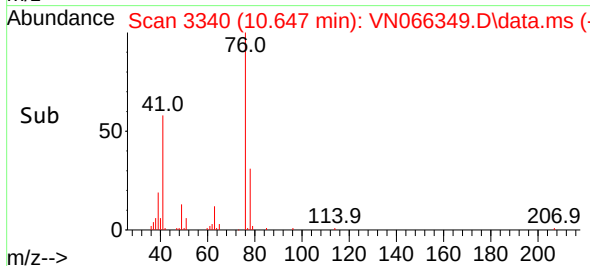
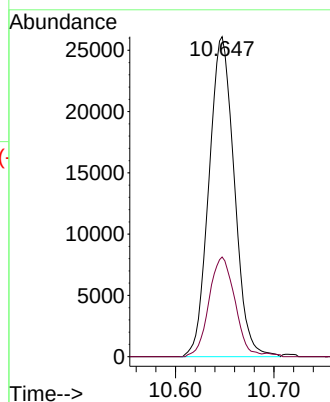
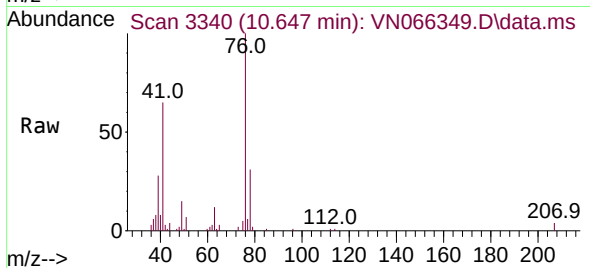
#57  
1,3-Dichloropropane  
Concen: 5.23 ug/l  
RT: 10.647 min Scan# 3340  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

Tgt Ion: 76 Resp: 46684  
Ion Ratio Lower Upper  
76 100  
78 31.7 25.9 38.9

Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

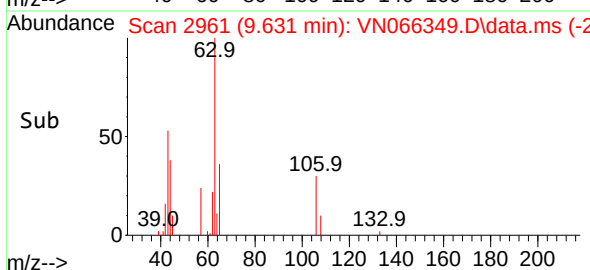
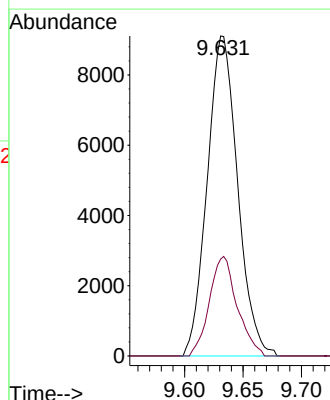
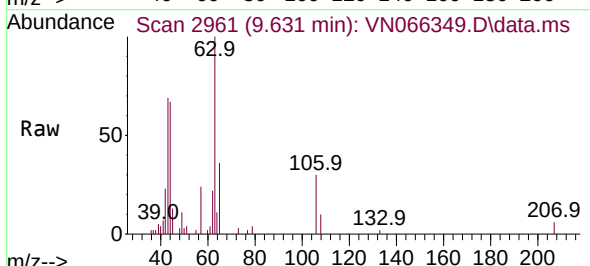
Manual Integrations  
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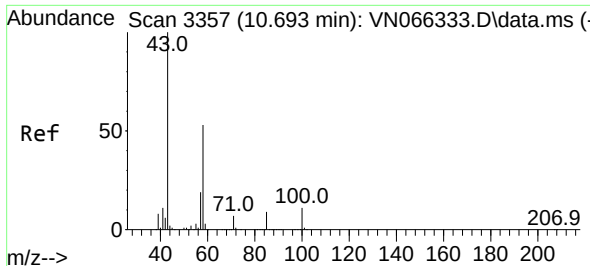
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#58  
2-Chloroethyl Vinyl ether  
Concen: 22.29 ug/l  
RT: 9.631 min Scan# 2961  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

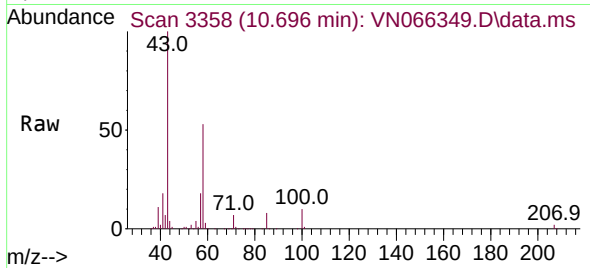
Tgt Ion: 63 Resp: 16516  
Ion Ratio Lower Upper  
63 100  
106 28.4 21.0 31.4





#59  
2-Hexanone  
Concen: 25.09 ug/l  
RT: 10.696 min Scan# 3358  
Delta R.T. 0.003 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

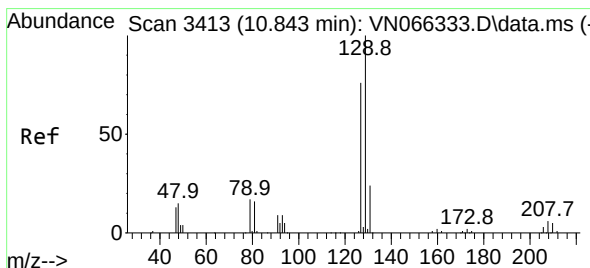
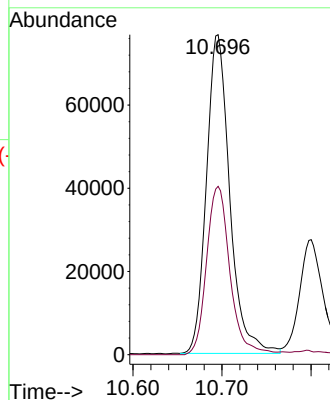
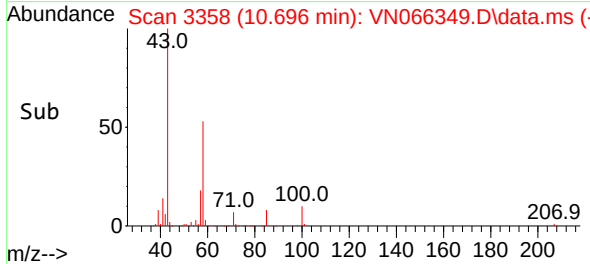
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT1-2021



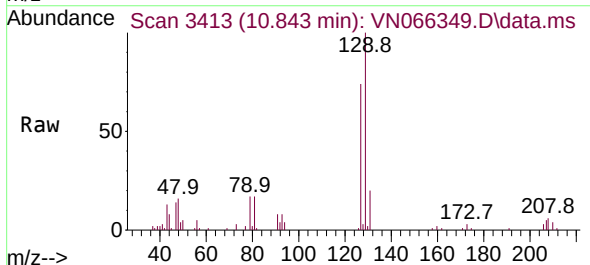
Tgt Ion: 43 Resp: 139407  
Ion Ratio Lower Upper  
43 100  
58 52.9 26.6 79.8

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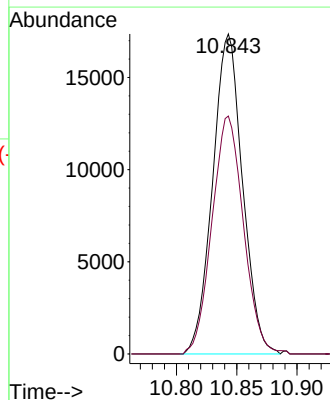
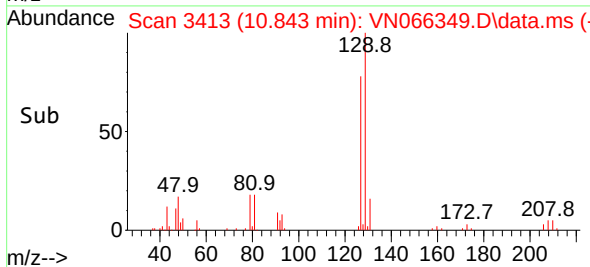
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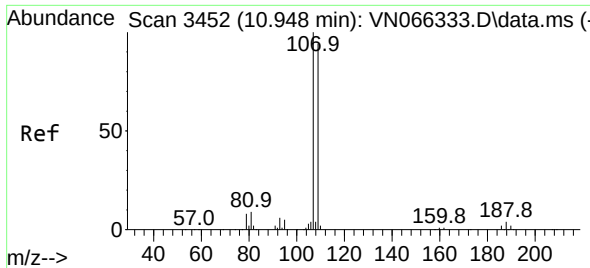


#60  
Dibromochloromethane  
Concen: 5.02 ug/l  
RT: 10.843 min Scan# 3413  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09



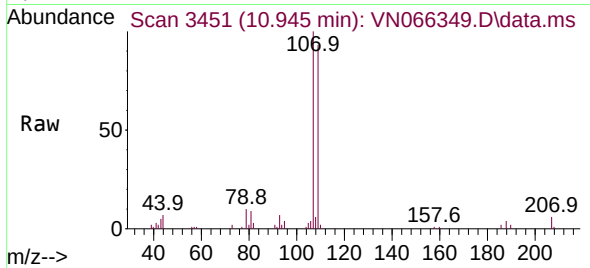
Tgt Ion: 129 Resp: 29955  
Ion Ratio Lower Upper  
129 100  
127 78.2 38.5 115.5





#61  
1,2-Dibromoethane  
Concen: 5.22 ug/l  
RT: 10.945 min Scan# 3451  
Delta R.T. -0.003 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

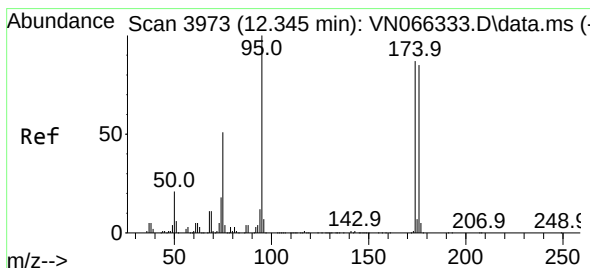
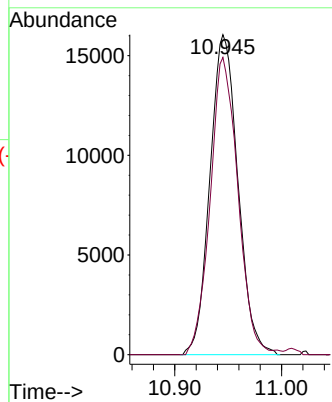
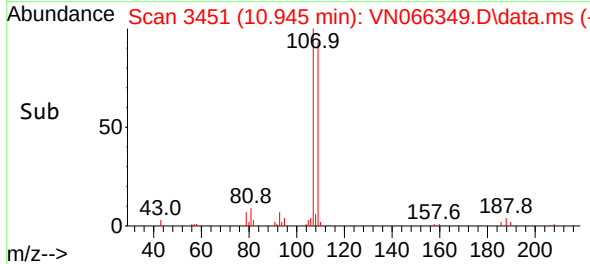
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT1-2021



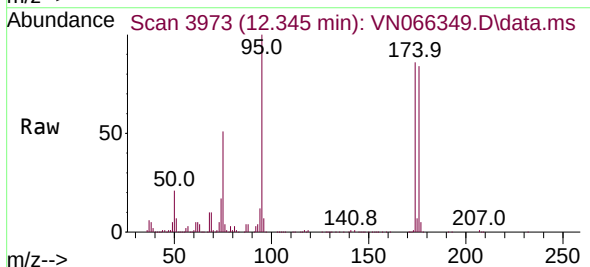
Tgt Ion:107 Resp: 29252  
Ion Ratio Lower Upper  
107 100  
109 91.6 75.4 113.2

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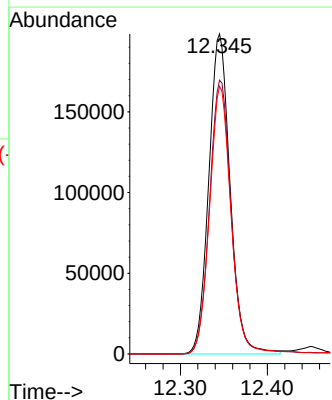
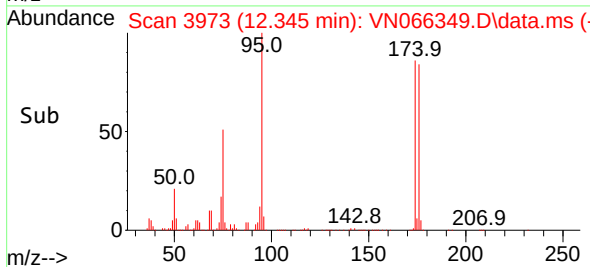
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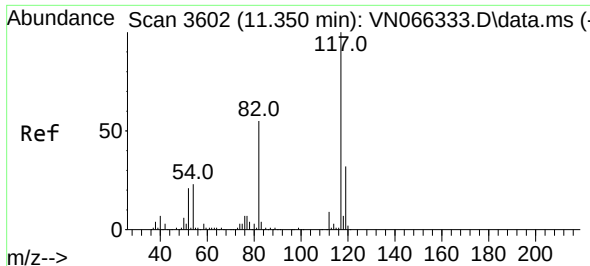


#62  
4-Bromofluorobenzene  
Concen: 50.30 ug/l  
RT: 12.345 min Scan# 3973  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09



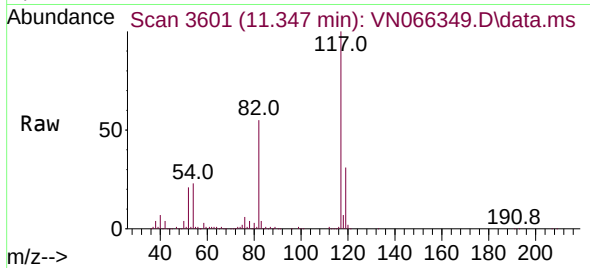
Tgt Ion: 95 Resp: 337282  
Ion Ratio Lower Upper  
95 100  
174 87.4 0.0 172.2  
176 84.8 0.0 167.8





#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.347 min Scan# 3601  
Delta R.T. -0.003 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

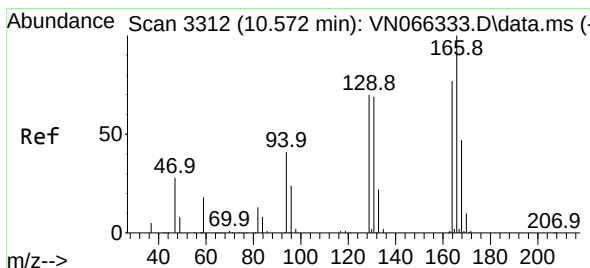
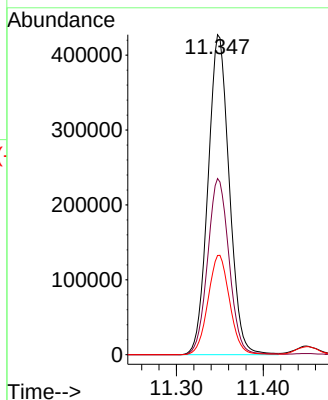
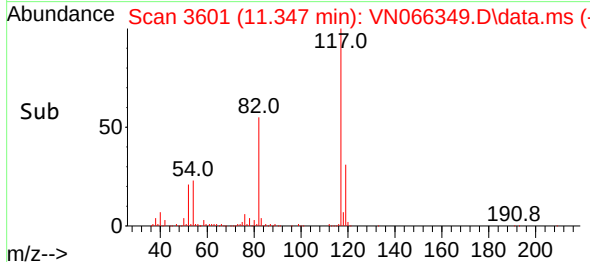
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT1-2021



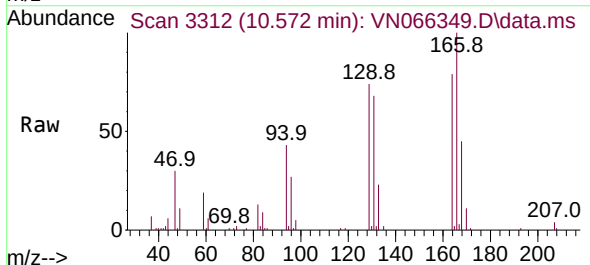
| Tgt Ion:  | 117  | Resp: | 725228 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 82        | 55.0 | 44.2  | 66.4   |
| 119       | 31.0 | 25.8  | 38.6   |

Manual Integrations  
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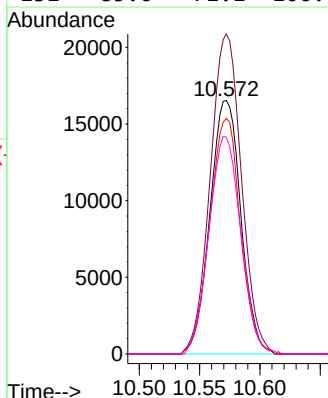
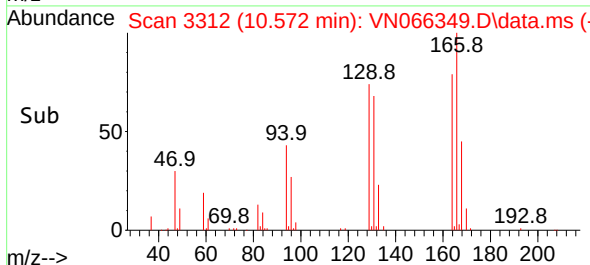
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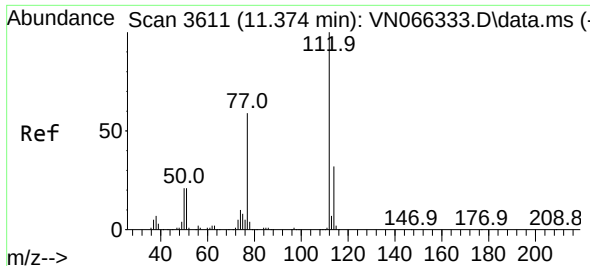


#64  
Tetrachloroethene  
Concen: 4.78 ug/l  
RT: 10.572 min Scan# 3312  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09



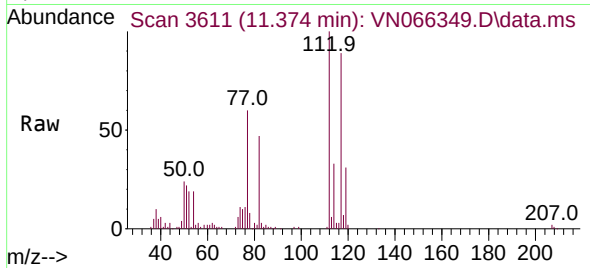
| Tgt Ion:  | 164   | Resp: | 29515 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 166       | 126.3 | 103.3 | 154.9 |
| 129       | 92.9  | 72.5  | 108.7 |
| 131       | 85.6  | 71.1  | 106.7 |





#65  
Chlorobenzene  
Concen: 5.18 ug/l  
RT: 11.374 min Scan# 3611  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

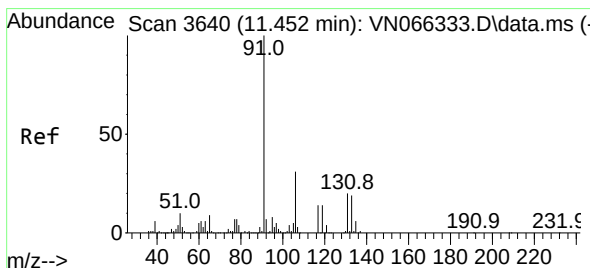
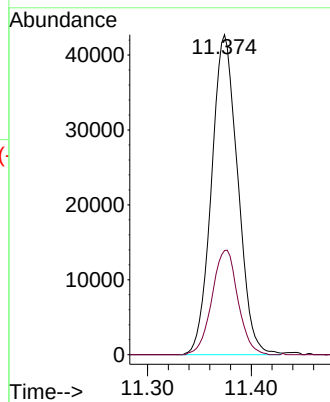
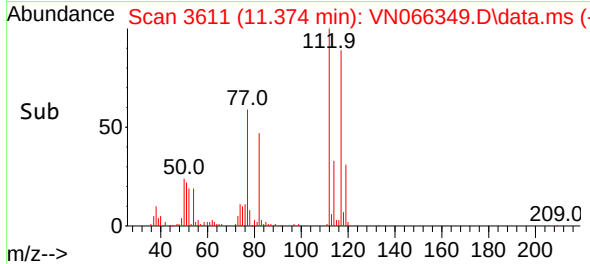
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT1-2021



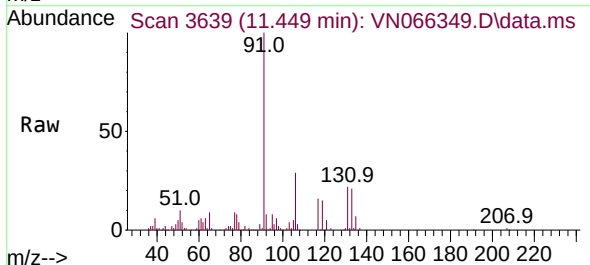
Tgt Ion:112 Resp: 74884  
Ion Ratio Lower Upper  
112 100  
114 32.6 25.7 38.5

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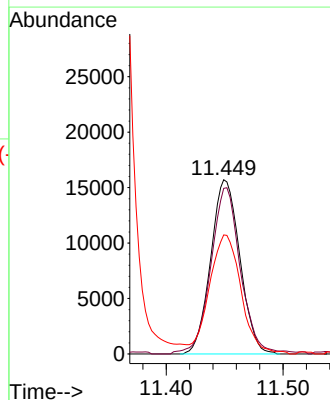
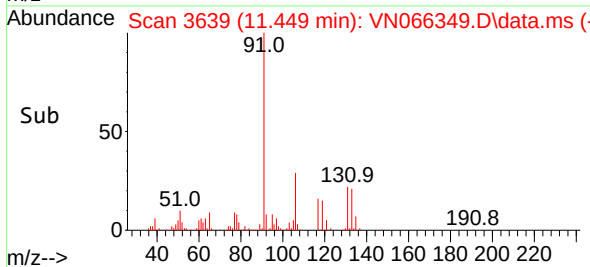
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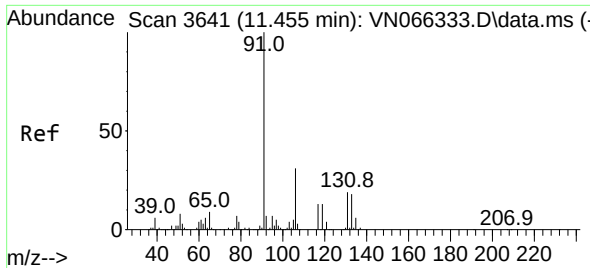


#66  
1,1,1,2-Tetrachloroethane  
Concen: 4.89 ug/l  
RT: 11.449 min Scan# 3639  
Delta R.T. -0.003 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09



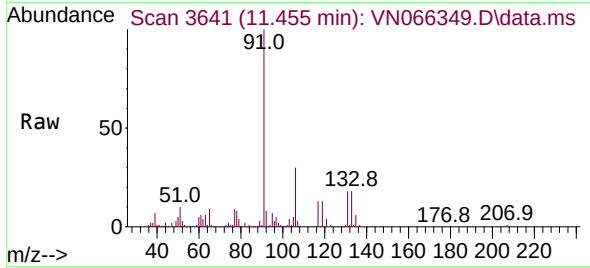
Tgt Ion:131 Resp: 27244  
Ion Ratio Lower Upper  
131 100  
133 97.3 47.6 142.8  
119 74.5 33.6 100.6





#67  
Ethyl Benzene  
Concen: 4.96 ug/l  
RT: 11.455 min Scan# 3641  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

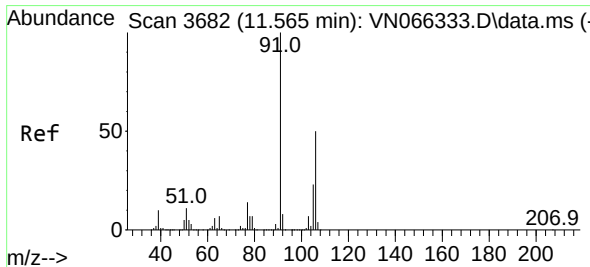
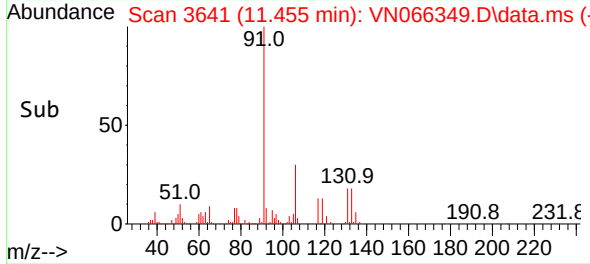
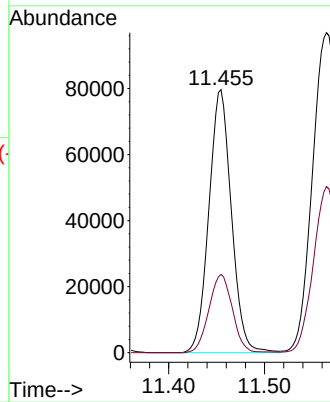
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT1-2021



Tgt Ion: 91 Resp: 130106  
Ion Ratio Lower Upper  
91 100  
106 29.8 24.7 37.1

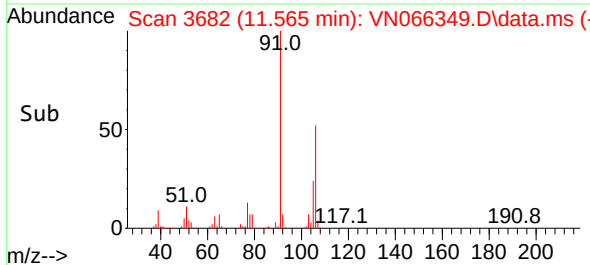
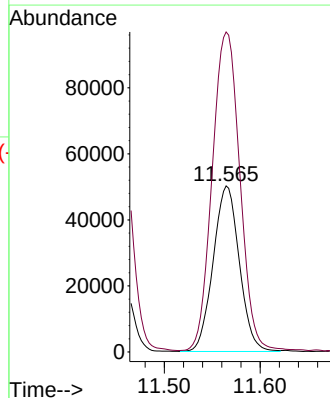
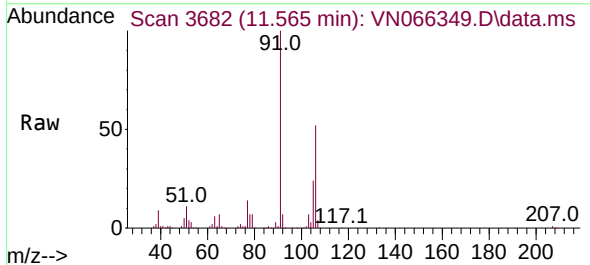
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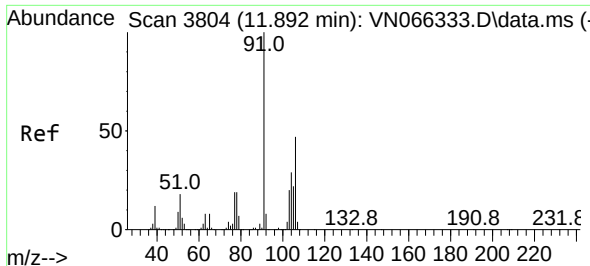
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#68  
m/p-Xylenes  
Concen: 9.51 ug/l  
RT: 11.565 min Scan# 3682  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

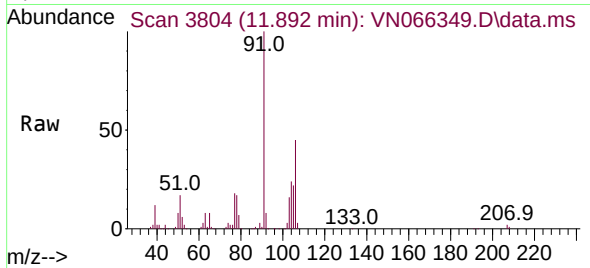
Tgt Ion: 106 Resp: 94837  
Ion Ratio Lower Upper  
106 100  
91 204.2 162.7 244.1





#69  
o-Xylene  
Concen: 4.71 ug/l  
RT: 11.892 min Scan# 3804  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

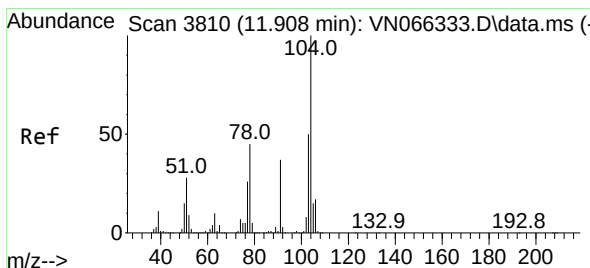
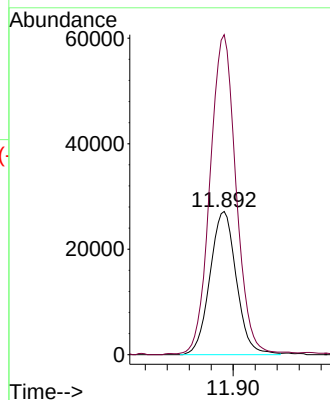
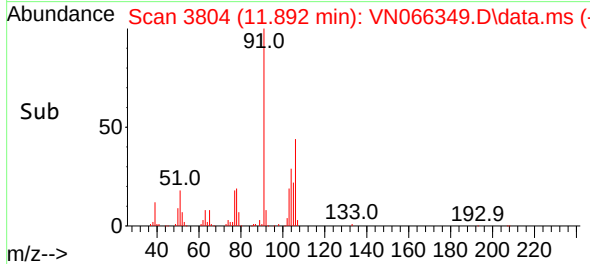
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MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT1-2021



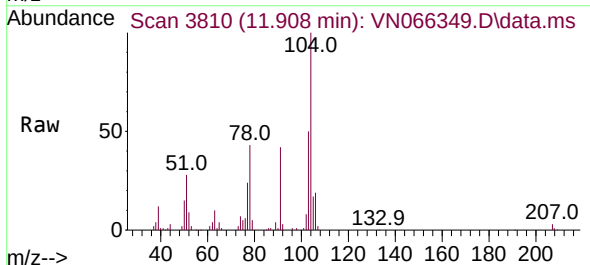
Tgt Ion:106 Resp: 45310  
Ion Ratio Lower Upper  
106 100  
91 217.9 107.1 321.4

Manual Integrations  
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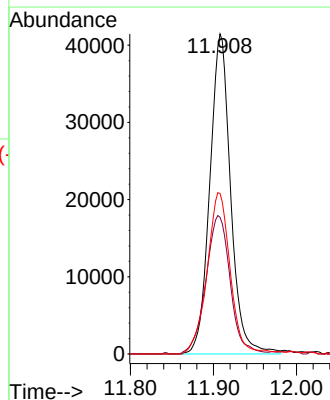
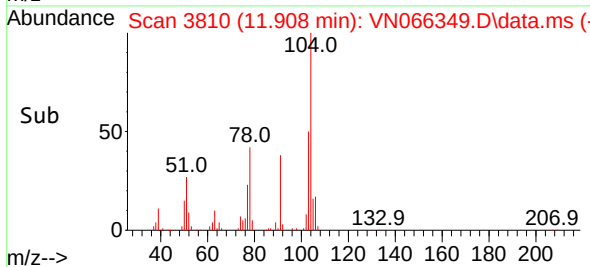
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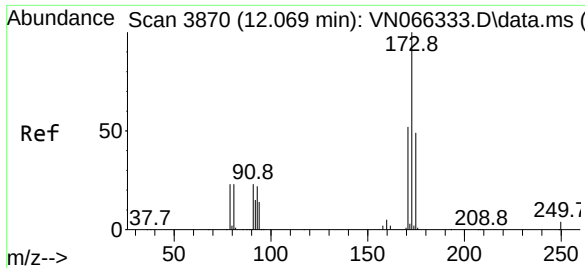


#70  
Styrene  
Concen: 4.64 ug/l  
RT: 11.908 min Scan# 3810  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

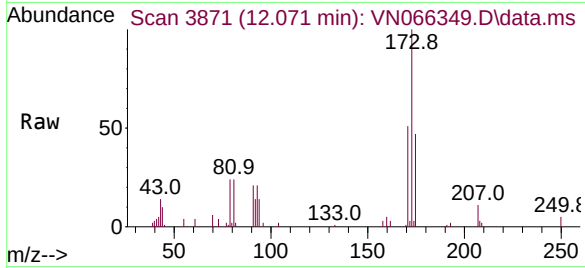


Tgt Ion:104 Resp: 72314  
Ion Ratio Lower Upper  
104 100  
78 50.4 40.7 61.1  
103 55.2 44.2 66.2

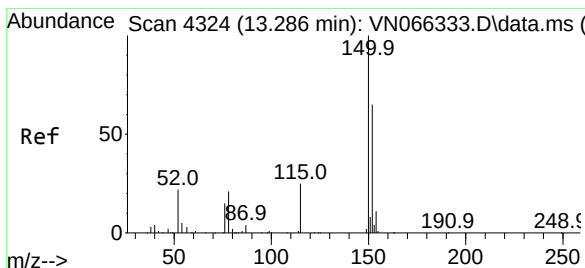
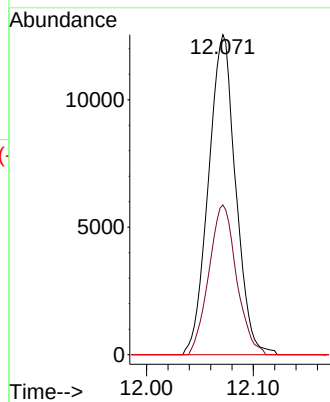
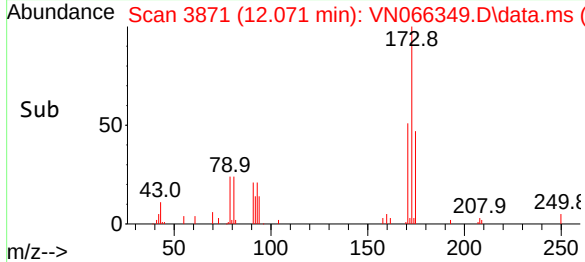




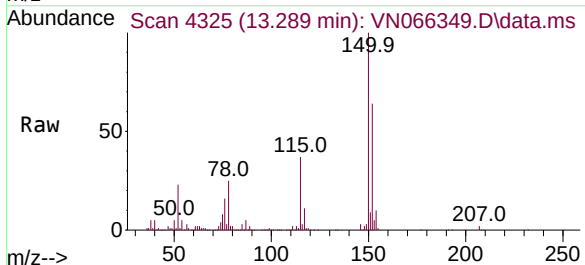
#71  
Bromoform  
Concen: 4.80 ug/l  
RT: 12.071 min Scan# 3871  
Delta R.T. 0.003 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09



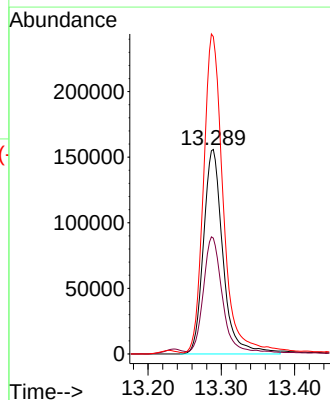
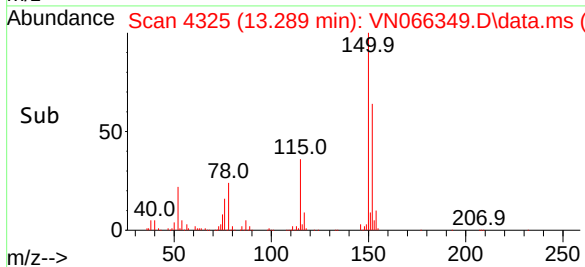
Tgt Ion:173 Resp: 22222  
Ion Ratio Lower Upper  
173 100  
175 47.4 24.3 72.8  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.289 min Scan# 4325  
Delta R.T. 0.003 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09



Tgt Ion:152 Resp: 288196  
Ion Ratio Lower Upper  
152 100  
115 55.4 27.8 83.4  
150 157.4 0.0 348.4

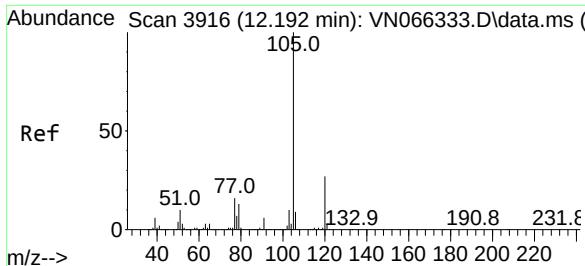


Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

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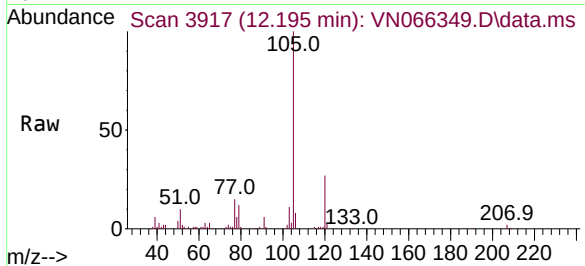
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#73  
Isopropylbenzene  
Concen: 5.65 ug/l  
RT: 12.195 min Scan# 3917  
Delta R.T. 0.003 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

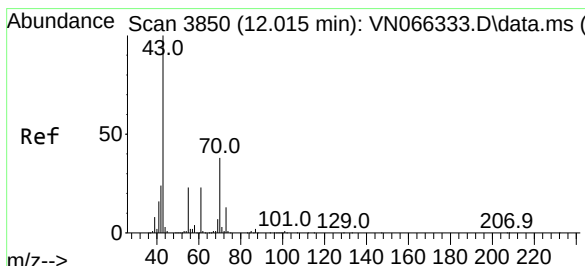
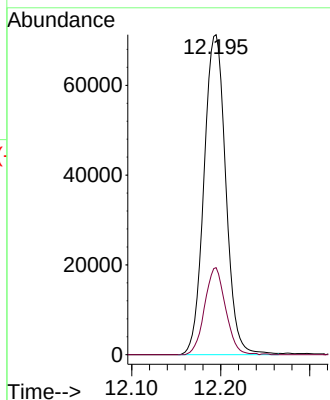
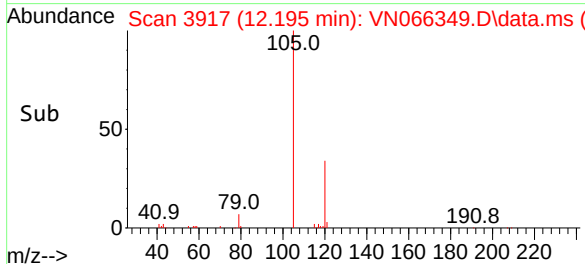
Instrument :  
MSVOA\_N  
ClientSampleId :  
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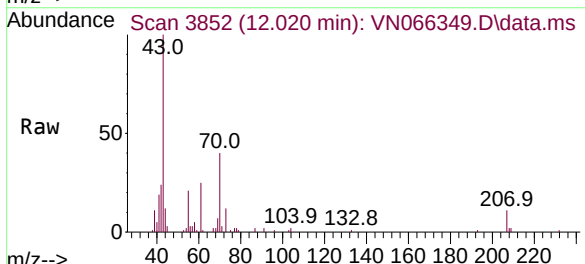
Tgt Ion:105 Resp: 121108  
Ion Ratio Lower Upper  
105 100  
120 26.2 13.3 39.8

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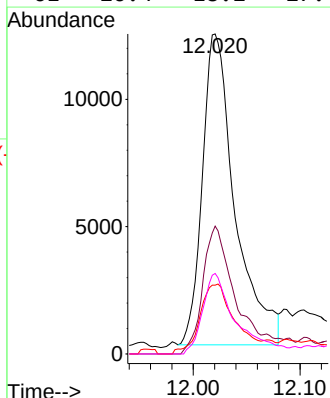
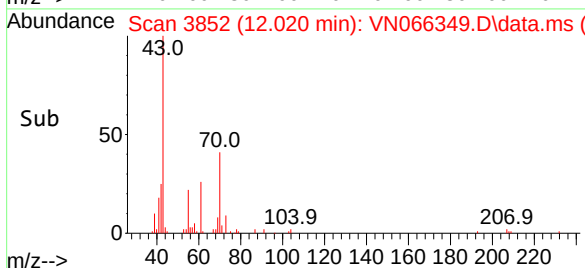
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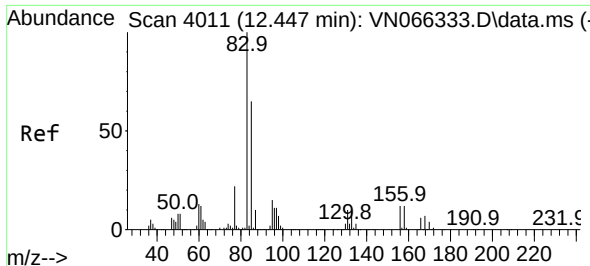


#74  
N-ethyl acetate  
Concen: 3.44 ug/l  
RT: 12.020 min Scan# 3852  
Delta R.T. 0.005 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09



Tgt Ion: 43 Resp: 25905  
Ion Ratio Lower Upper  
43 100  
70 42.4 31.2 46.8  
55 24.1 18.6 28.0  
61 26.4 18.2 27.4





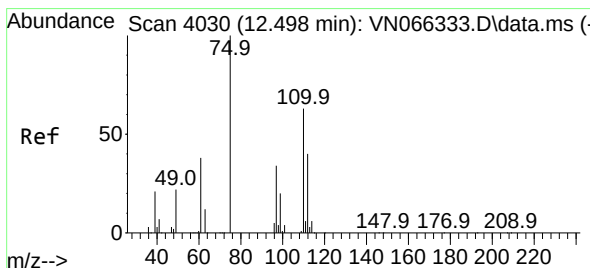
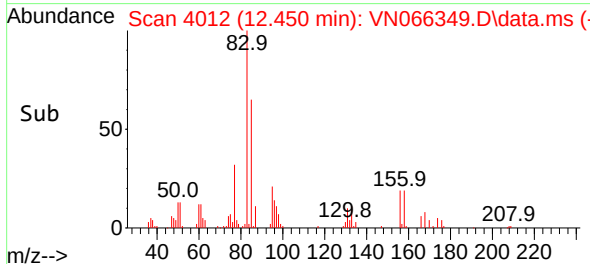
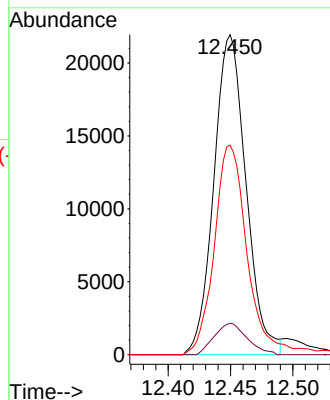
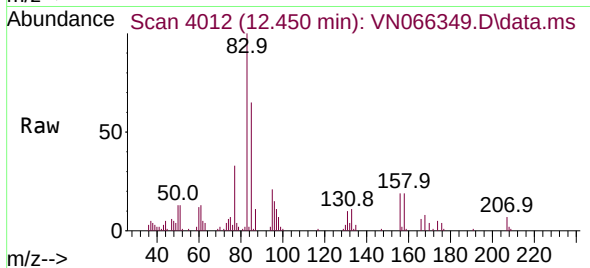
#75  
1,1,2,2-Tetrachloroethane  
Concen: 5.76 ug/l  
RT: 12.450 min Scan# 4012  
Delta R.T. 0.003 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 131     | 10.0  | 5.0   | 15.0  |
| 85      | 66.3  | 33.8  | 101.3 |

Instrument :  
MSVOA\_N  
ClientSampleId :  
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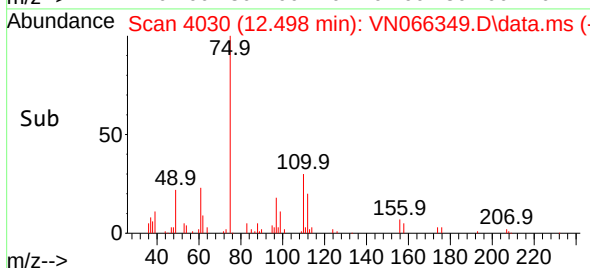
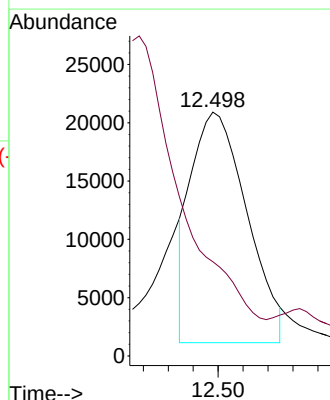
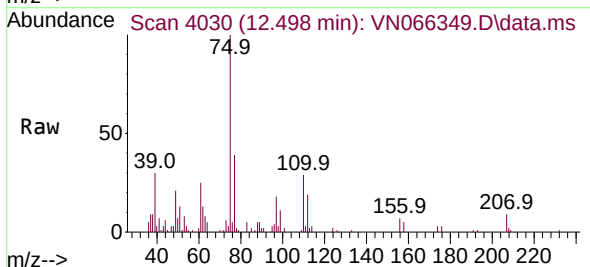
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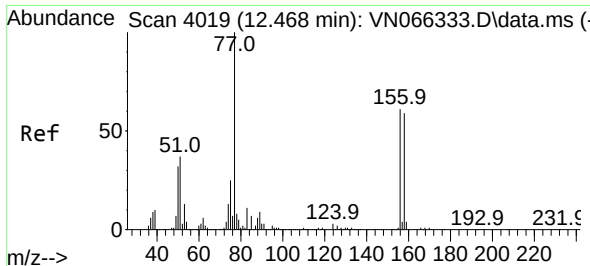
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#76  
1,2,3-Trichloropropane  
Concen: 4.86 ug/l m  
RT: 12.498 min Scan# 4030  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 0.0   | 0.0   | 0.0   |





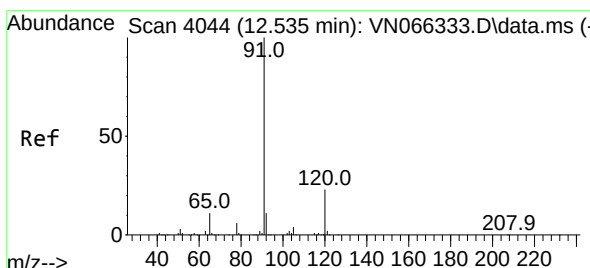
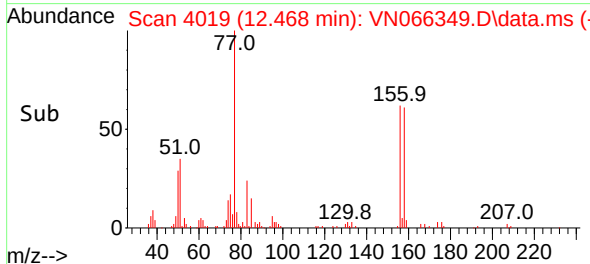
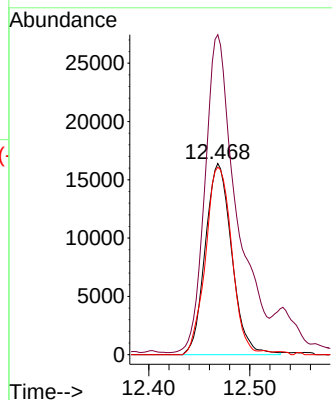
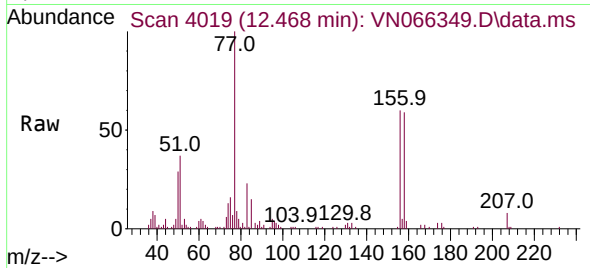
#77  
Bromobenzene  
Concen: 5.52 ug/l  
RT: 12.468 min Scan# 4019  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 29897 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 196.9 | 99.7  | 299.1 |
| 158       | 96.7  | 48.8  | 146.3 |

Instrument :  
MSVOA\_N  
ClientSampleId :  
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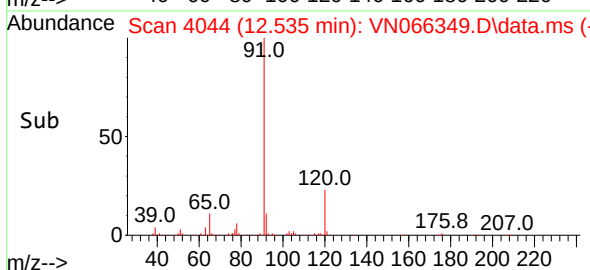
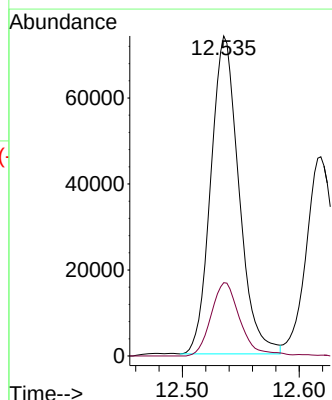
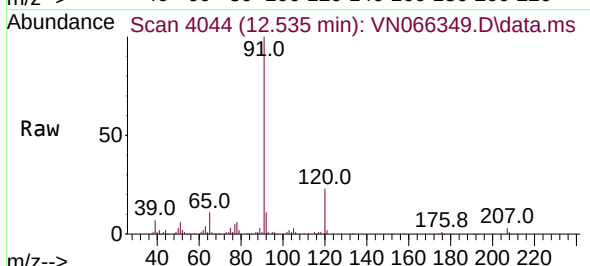
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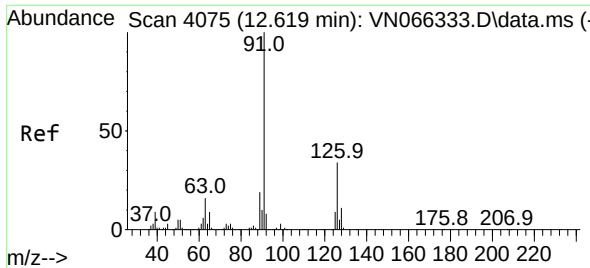
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#78  
n-propylbenzene  
Concen: 5.31 ug/l  
RT: 12.535 min Scan# 4044  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 123828 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.8  | 11.7  | 35.1   |





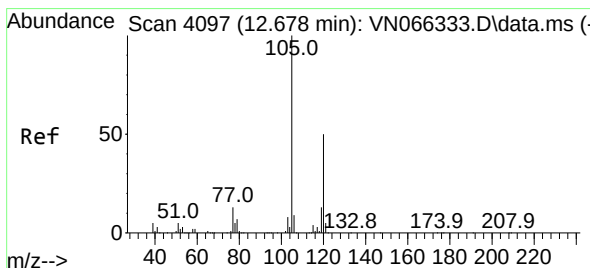
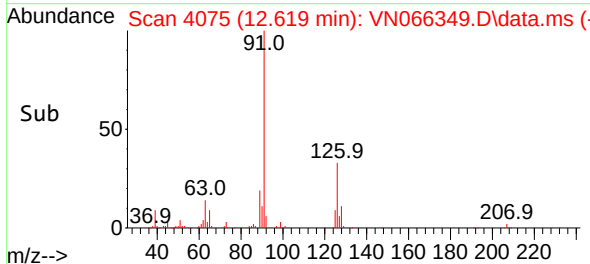
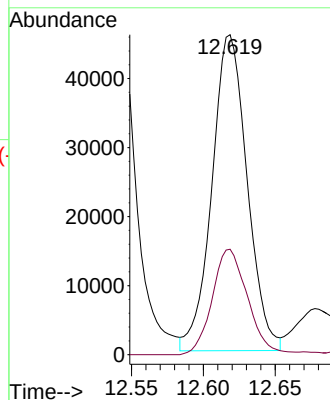
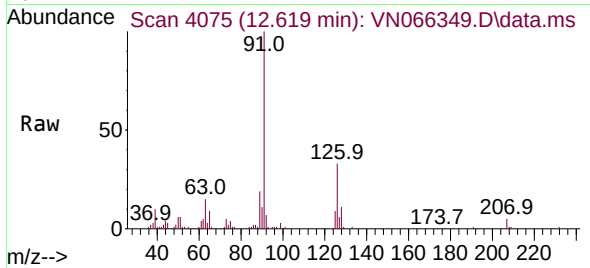
#79  
2-Chlorotoluene  
Concen: 5.44 ug/l  
RT: 12.619 min Scan# 4075  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

Tgt Ion: 91 Resp: 77955  
Ion Ratio Lower Upper  
91 100  
126 33.5 17.2 51.5

Instrument :  
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ClientSampleId :  
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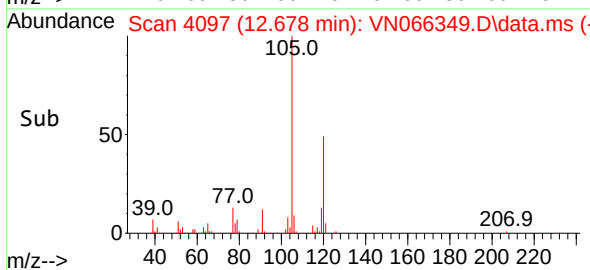
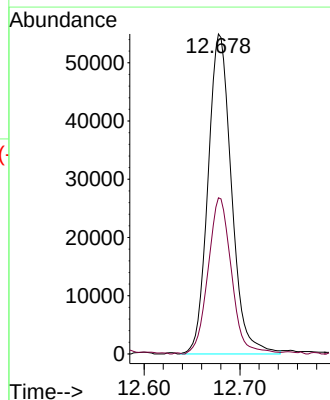
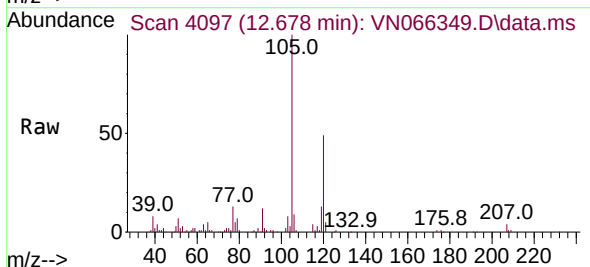
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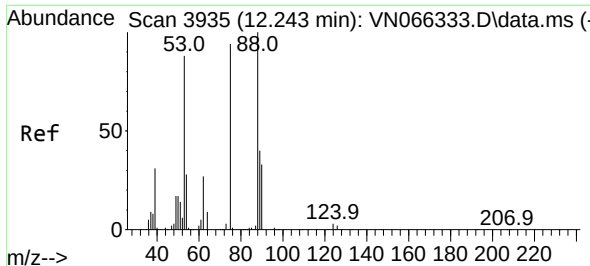
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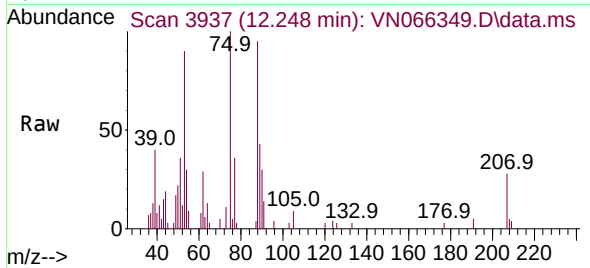
#80  
1,3,5-Trimethylbenzene  
Concen: 5.35 ug/l  
RT: 12.678 min Scan# 4097  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

Tgt Ion:105 Resp: 93759  
Ion Ratio Lower Upper  
105 100  
120 48.5 24.5 73.5

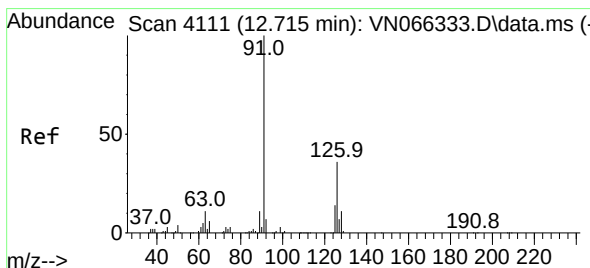
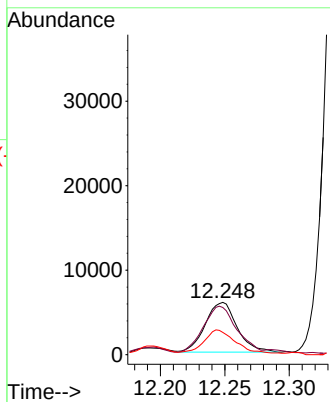
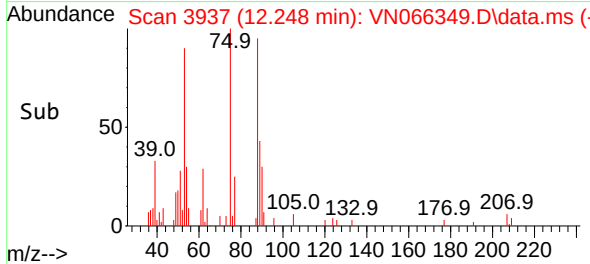




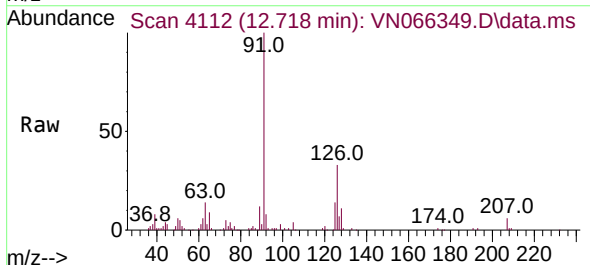
#81  
trans-1,4-Dichloro-2-butene  
Concen: 4.81 ug/l  
RT: 12.248 min Scan# 3937  
Delta R.T. 0.005 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09



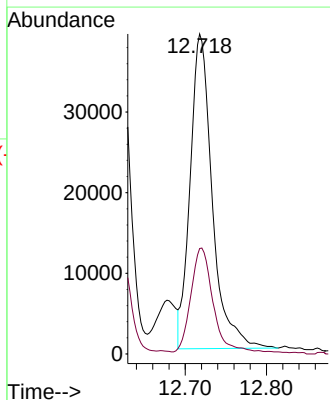
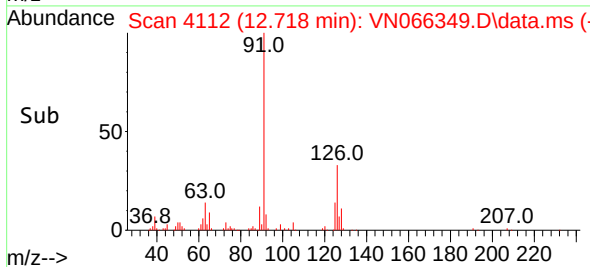
Tgt Ion: 75 Resp: 10115  
Ion Ratio Lower Upper  
75 100  
53 96.8 76.1 114.1  
89 53.4 35.7 53.5



#82  
4-Chlorotoluene  
Concen: 5.17 ug/l  
RT: 12.718 min Scan# 4112  
Delta R.T. 0.003 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09



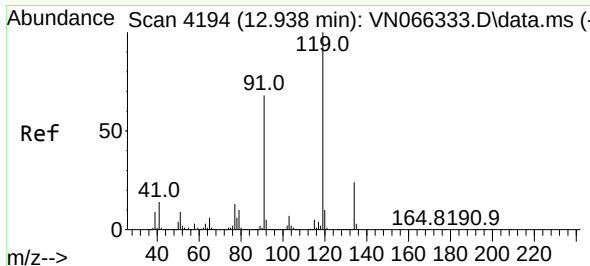
Tgt Ion: 91 Resp: 73721  
Ion Ratio Lower Upper  
91 100  
126 32.6 16.6 49.8



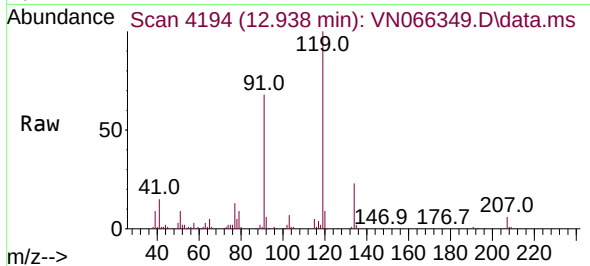
Instrument :  
MSVOA\_N  
ClientSampleId :  
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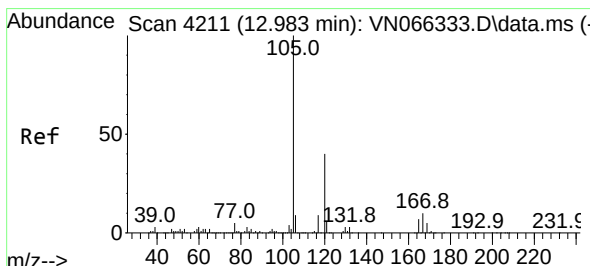
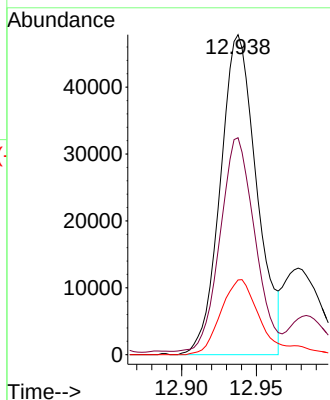
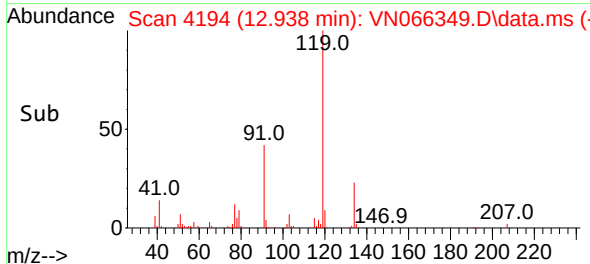
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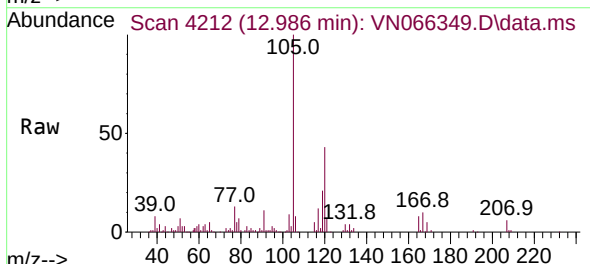
#83  
tert-Butylbenzene  
Concen: 5.37 ug/l  
RT: 12.938 min Scan# 4194  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09



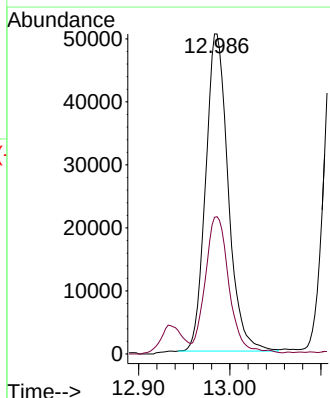
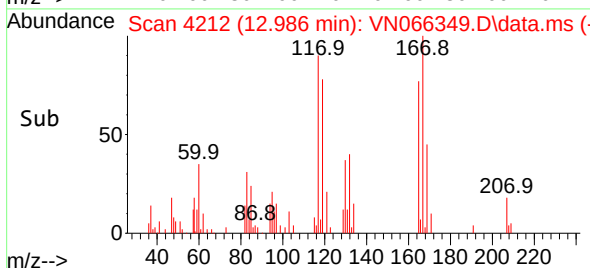
Tgt Ion:119 Resp: 81125  
Ion Ratio Lower Upper  
119 100  
91 63.9 33.3 99.8  
134 26.1 12.9 38.6



#84  
1,2,4-Trimethylbenzene  
Concen: 5.08 ug/l  
RT: 12.986 min Scan# 4212  
Delta R.T. 0.003 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09



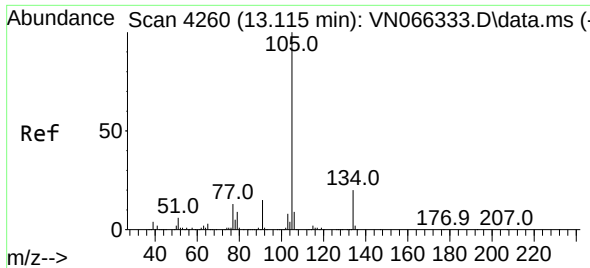
Tgt Ion:105 Resp: 86617  
Ion Ratio Lower Upper  
105 100  
120 43.6 23.1 69.2



Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

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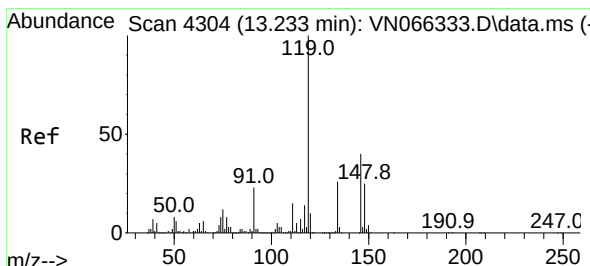
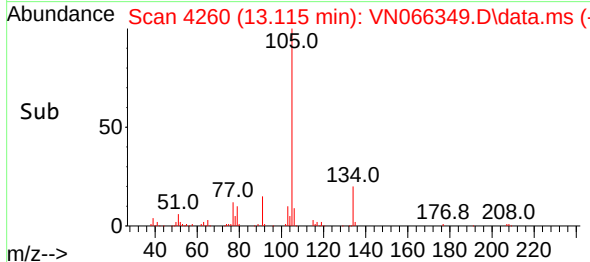
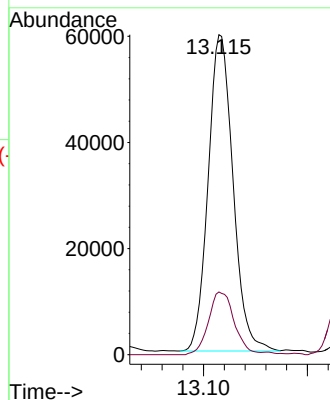
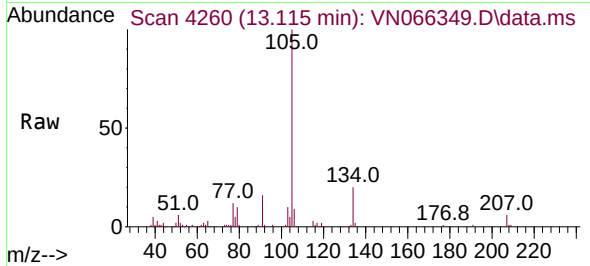
#85  
 sec-Butylbenzene  
 Concen: 5.06 ug/l  
 RT: 13.115 min Scan# 4260  
 Delta R.T. -0.000 min  
 Lab File: VN066349.D  
 Acq: 26 Mar 2021 15:09

Tgt Ion:105 Resp: 99007  
 Ion Ratio Lower Upper  
 105 100  
 134 20.5 9.9 29.7

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2021

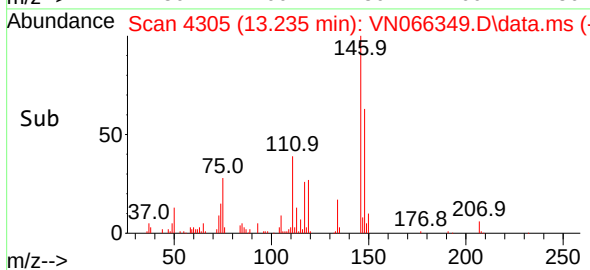
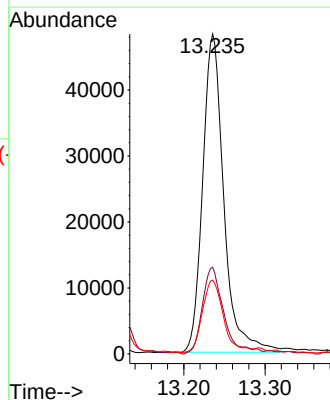
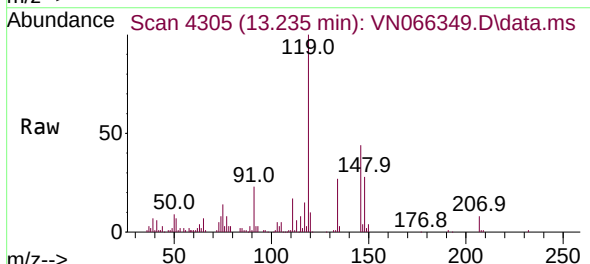
Manual Integrations  
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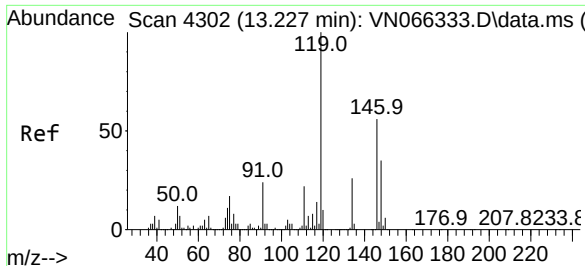
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#86  
 p-Isopropyltoluene  
 Concen: 4.97 ug/l  
 RT: 13.235 min Scan# 4305  
 Delta R.T. 0.003 min  
 Lab File: VN066349.D  
 Acq: 26 Mar 2021 15:09

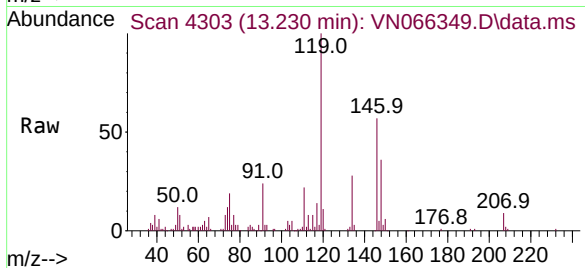
Tgt Ion:119 Resp: 86975  
 Ion Ratio Lower Upper  
 119 100  
 134 27.6 12.9 38.7  
 91 22.6 11.5 34.5





#87  
1,3-Dichlorobenzene  
Concen: 4.84 ug/l  
RT: 13.230 min Scan# 4303  
Delta R.T. 0.003 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

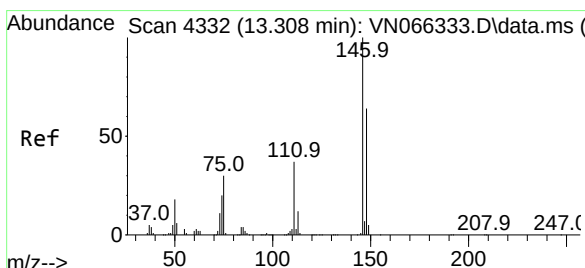
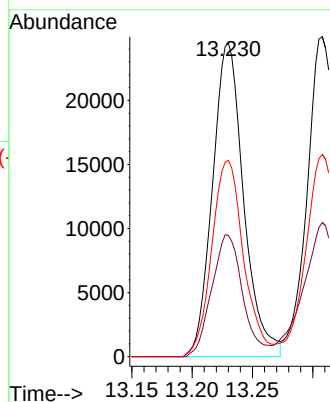
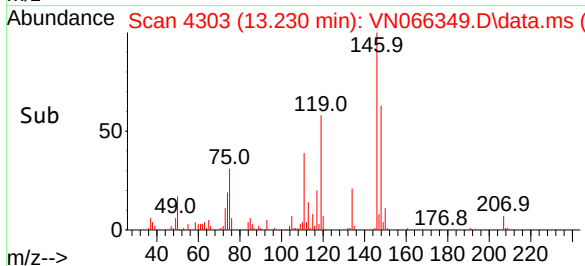
Instrument :  
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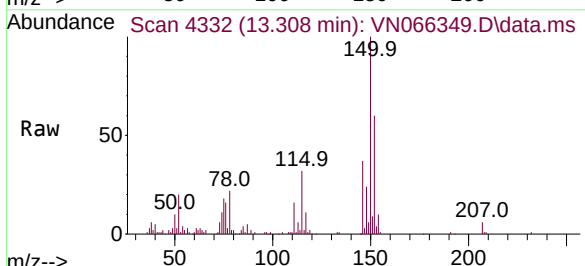
Tgt Ion:146 Resp: 44000  
Ion Ratio Lower Upper  
146 100  
111 38.8 19.4 58.1  
148 64.3 31.8 95.4

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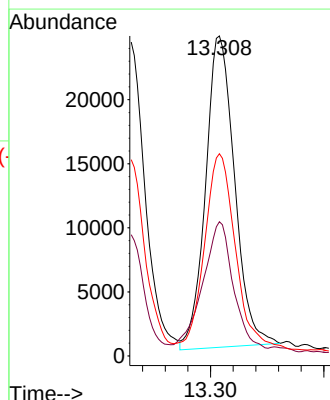
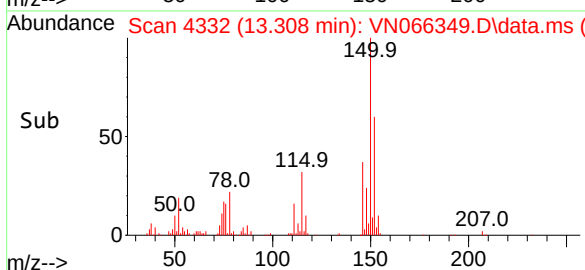
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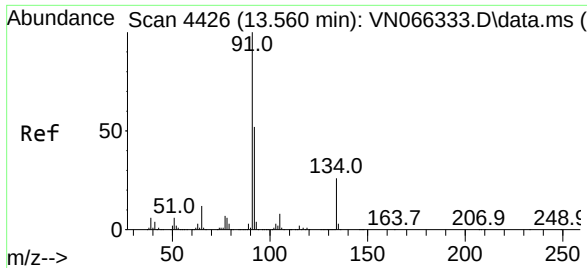
#88  
1,4-Dichlorobenzene  
Concen: 4.58 ug/l  
RT: 13.308 min Scan# 4332  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
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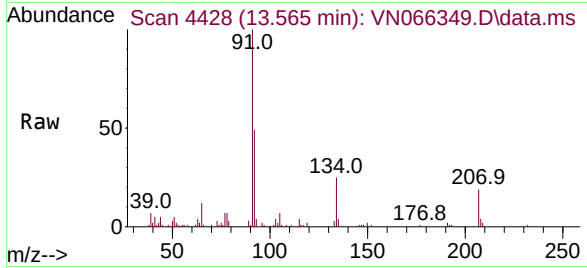
Tgt Ion:146 Resp: 43208  
Ion Ratio Lower Upper  
146 100  
111 44.1 18.3 54.9  
148 69.5 31.9 95.9



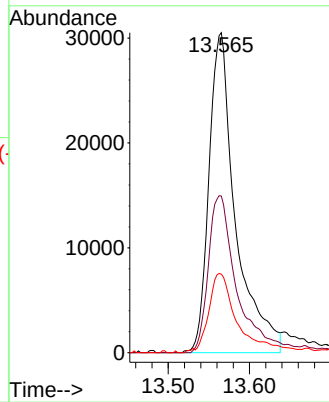
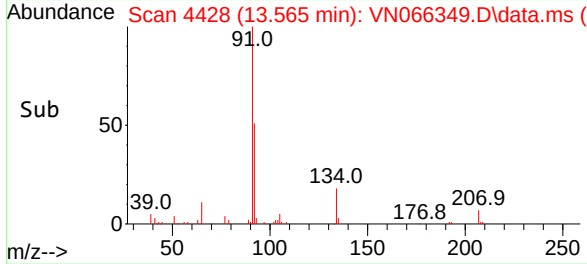




#89  
n-Butylbenzene  
Concen: 4.79 ug/l  
RT: 13.565 min Scan# 4428  
Delta R.T. 0.005 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09



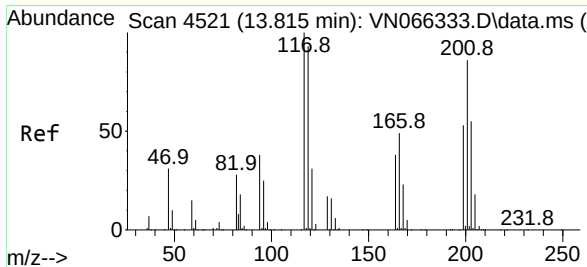
Tgt Ion: 91 Resp: 69291  
Ion Ratio Lower Upper  
91 100  
92 53.1 26.1 78.3  
134 26.8 12.8 38.4



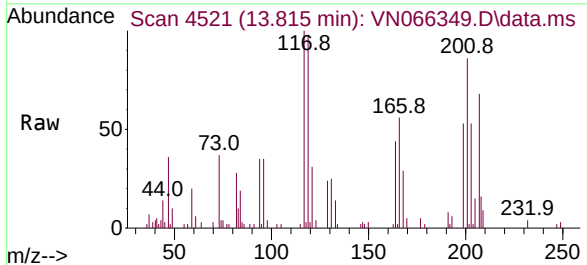
Instrument :  
MSVOA\_N  
ClientSampleId :  
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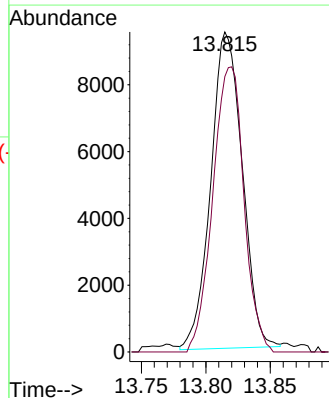
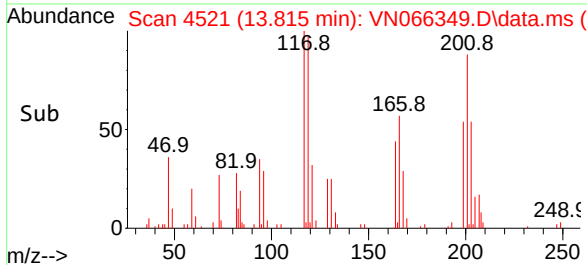
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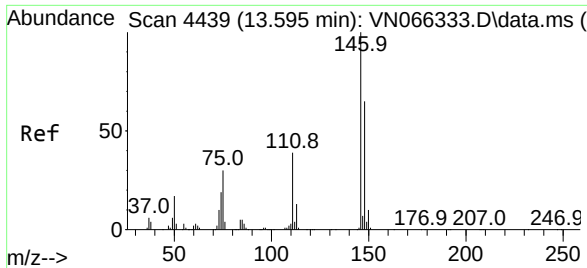


#90  
Hexachloroethane  
Concen: 5.09 ug/l  
RT: 13.815 min Scan# 4521  
Delta R.T. -0.000 min  
Lab File: VN066349.D  
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Tgt Ion: 117 Resp: 16093  
Ion Ratio Lower Upper  
117 100  
201 88.9 44.0 131.8





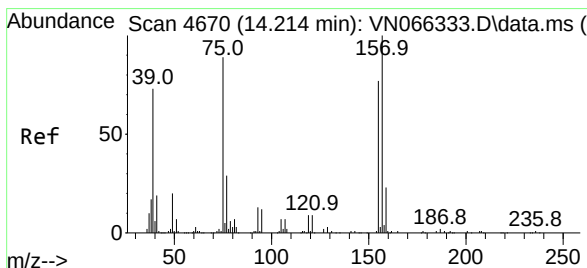
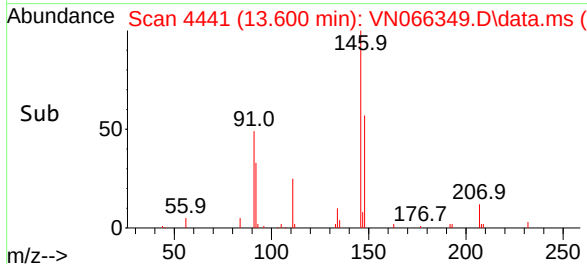
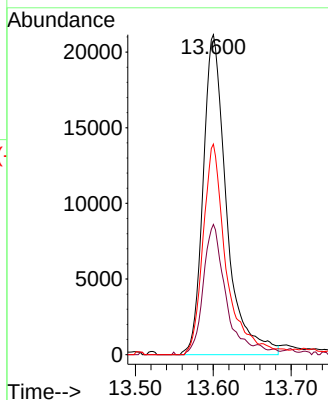
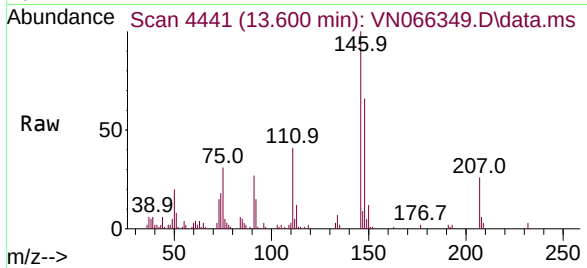
#91  
1,2-Dichlorobenzene  
Concen: 4.95 ug/l  
RT: 13.600 min Scan# 4441  
Delta R.T. 0.005 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.2  | 19.7  | 59.1  |
| 148     | 65.0  | 32.3  | 96.8  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
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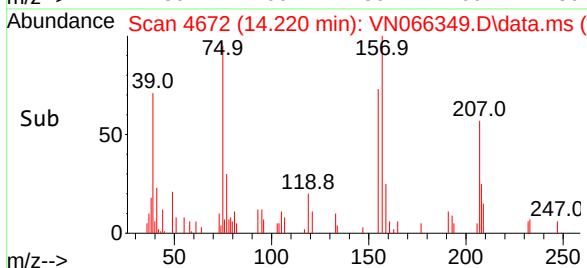
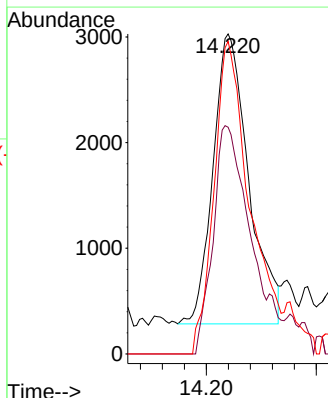
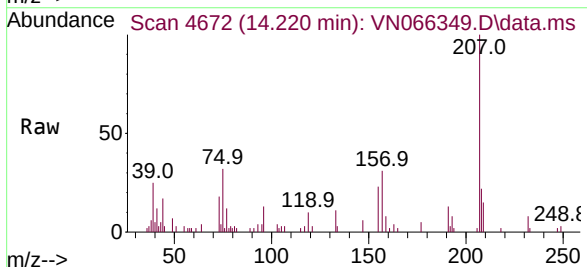
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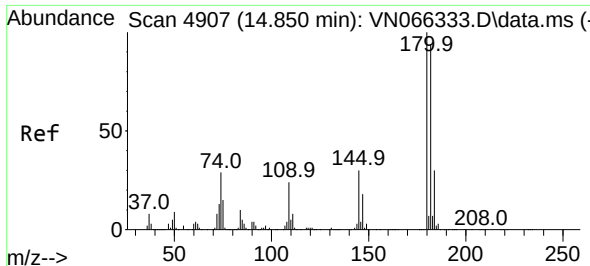
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#92  
1,2-Dibromo-3-Chloropropane  
Concen: 4.71 ug/l  
RT: 14.220 min Scan# 4672  
Delta R.T. 0.005 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 84.0  | 43.8  | 131.3 |
| 157     | 108.6 | 57.6  | 172.8 |





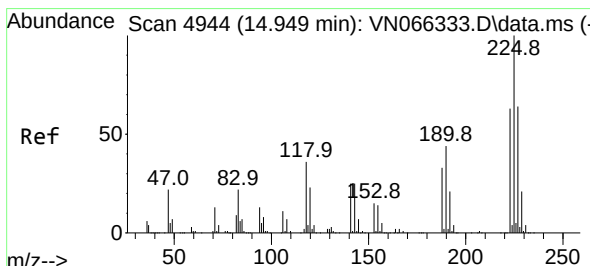
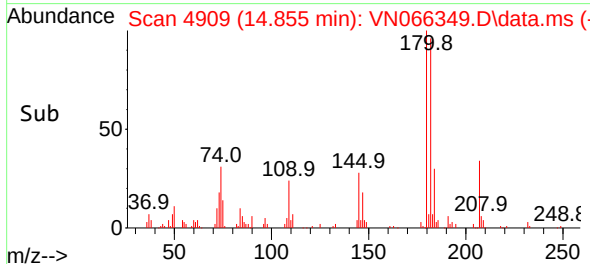
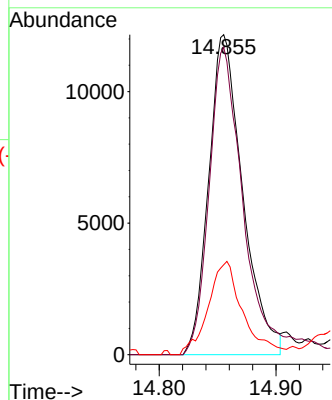
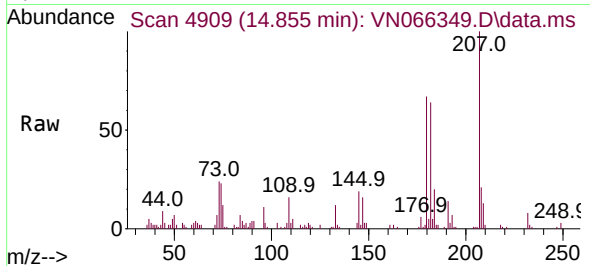
#93  
1,2,4-Trichlorobenzene  
Concen: 4.45 ug/l  
RT: 14.855 min Scan# 4909  
Delta R.T. 0.005 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 24618 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 98.4  | 47.4  | 142.3 |
| 145       | 29.5  | 14.2  | 42.8  |

Instrument :  
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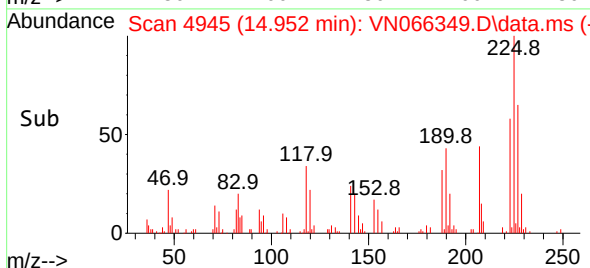
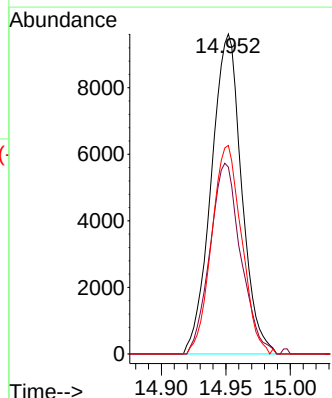
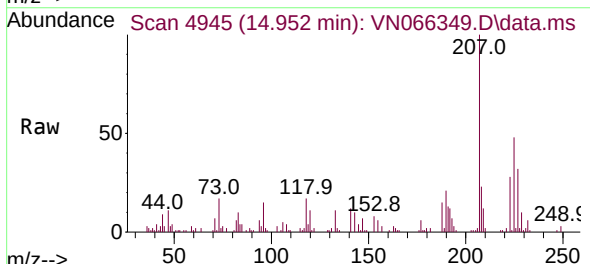
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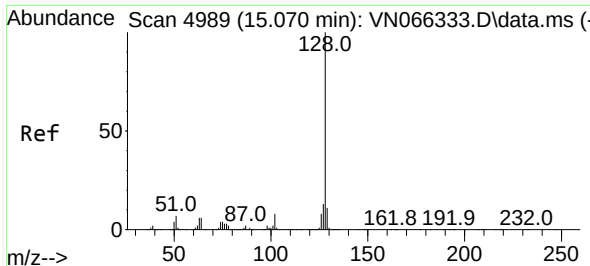
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#94  
Hexachlorobutadiene  
Concen: 5.22 ug/l  
RT: 14.952 min Scan# 4945  
Delta R.T. 0.003 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 15767 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 60.6  | 31.1  | 93.5  |
| 227       | 64.3  | 32.1  | 96.3  |





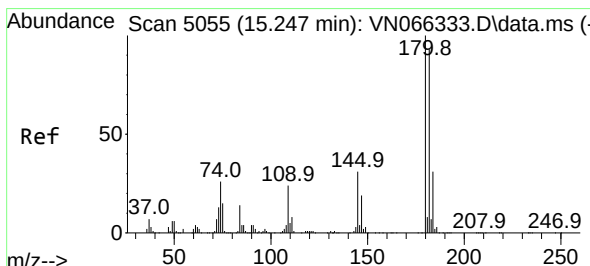
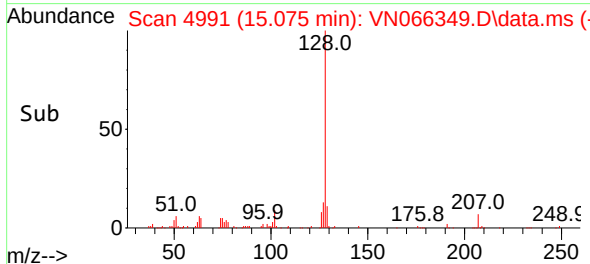
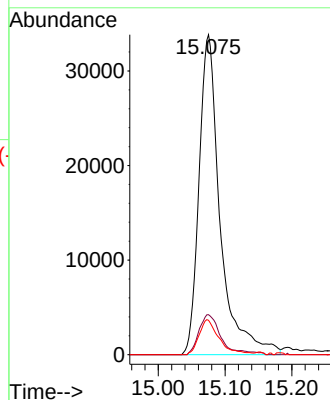
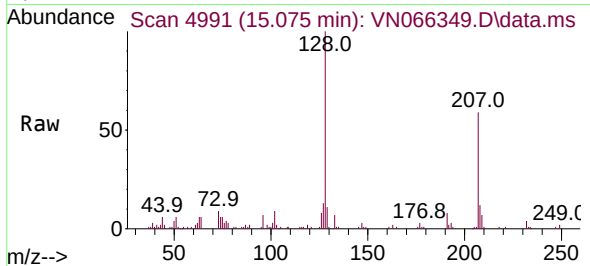
#95  
Naphthalene  
Concen: 4.45 ug/l  
RT: 15.075 min Scan# 4991  
Delta R.T. 0.005 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.2  | 10.5  | 15.7  |
| 129     | 10.4  | 8.5   | 12.7  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
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#96  
1,2,3-Trichlorobenzene  
Concen: 4.46 ug/l  
RT: 15.252 min Scan# 5057  
Delta R.T. 0.005 min  
Lab File: VN066349.D  
Acq: 26 Mar 2021 15:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 98.3  | 47.6  | 142.9 |
| 145     | 28.4  | 15.4  | 46.1  |

