

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN031921\  
 Data File : VN066289.D  
 Acq On : 19 Mar 2021 18:35  
 Operator : JC/MD  
 Sample : M1719-02  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 99-2

Quant Time: Mar 20 05:01:43 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031621W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 17 05:05:15 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.585  | 168  | 289080   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.515  | 114  | 425539   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.350 | 117  | 405502   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.286 | 152  | 152896   | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 7.947  | 65    | 190958   | 45.85    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 91.70%  |
| 35) Dibromofluoromethane    | 7.507  | 113   | 157612   | 58.06    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 116.12% |
| 50) Toluene-d8              | 10.028 | 98    | 575011   | 54.78    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 109.56% |
| 62) 4-Bromofluorobenzene    | 12.345 | 95    | 176309   | 46.60    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 93.20%  |

|                               |        |     |         |         |        |        |
|-------------------------------|--------|-----|---------|---------|--------|--------|
| Target Compounds              |        |     |         |         |        | Qvalue |
| 2) Dichlorodifluoromethane    | 1.818  | 85  | 621     | 0.22    | ug/l # | 42     |
| 4) Vinyl Chloride             | 2.148  | 62  | 478092  | 116.46  | ug/l   | 99     |
| 8) Diethyl Ether              | 3.344  | 74  | 2031    | 1.03    | ug/l # | 40     |
| 12) 1,1-Dichloroethene        | 3.661  | 96  | 45158   | 16.64   | ug/l   | 94     |
| 13) Acrolein                  | 3.524  | 56  | 2081    | Below   | Cal #  | 77     |
| 15) Acrylonitrile             | 4.943  | 53  | 510     | 0.24    | ug/l # | 27     |
| 16) Acetone                   | 3.747  | 43  | 4774    | 2.39    | ug/l   | 95     |
| 19) Methyl tert-butyl Ether   | 4.948  | 73  | 54099   | 5.21    | ug/l   | 96     |
| 20) Methylene Chloride        | 4.452  | 84  | 681     | 0.22    | ug/l # | 38     |
| 21) trans-1,2-Dichloroethene  | 4.937  | 96  | 12790   | 4.25    | ug/l   | 82     |
| 24) 1,1-Dichloroethane        | 5.747  | 63  | 5811    | 0.88    | ug/l # | 90     |
| 27) cis-1,2-Dichloroethene    | 6.732  | 96  | 2275974 | 656.55  | ug/l   | 75     |
| 29) Tetrahydrofuran           | 7.134  | 42  | 904     | 0.42    | ug/l # | 45     |
| 31) Cyclohexane               | 7.585  | 56  | 4617    | 0.74    | ug/l # | 1      |
| 36) 1,1-Dichloropropene       | 7.585  | 75  | 19444   | 4.51    | ug/l # | 46     |
| 38) Carbon Tetrachloride      | 7.587  | 117 | 24303   | 6.29    | ug/l # | 18     |
| 39) Methylcyclohexane         | 8.765  | 83  | 70911   | 15.32   | ug/l # | 1      |
| 40) Benzene                   | 7.960  | 78  | 15118   | 1.17    | ug/l # | 89     |
| 42) 1,2-Dichloroethane        | 8.048  | 62  | 43289   | 9.22    | ug/l   | 99     |
| 44) Trichloroethene           | 8.767  | 130 | 6242337 | 1985.04 | ug/l   | 91     |
| 45) 1,2-Dichloropropane       | 9.049  | 63  | 149309  | 39.88   | ug/l   | 100    |
| 48) Methyl methacrylate       | 9.052  | 41  | 76378   | 16.92   | ug/l # | 41     |
| 49) 1,4-Dioxane               | 9.140  | 88  | 167     | 3.41    | ug/l # | 16     |
| 55) 1,1,2-Trichloroethane     | 10.505 | 97  | 870     | 0.28    | ug/l # | 78     |
| 59) 2-Hexanone                | 10.706 | 43  | 1378    | 1.64    | ug/l   | 74     |
| 60) Dibromochloromethane      | 10.570 | 129 | 35451   | 11.02   | ug/l # | 10     |
| 64) Tetrachloroethene         | 10.572 | 164 | 43147   | 12.83   | ug/l   | 97     |
| 65) Chlorobenzene             | 11.374 | 112 | 2152943 | 264.61  | ug/l   | 100    |
| 71) Bromoform                 | 12.337 | 173 | 599     | 0.25    | ug/l # | 29     |
| 74) N-amyl acetate            | 12.007 | 43  | 129     | 2.18    | ug/l # | 49     |
| 76) 1,2,3-Trichloropropane    | 12.345 | 75  | 80043   | 20.27   | ug/l # | 100    |
| 81) trans-1,4-Dichloro-2-b... | 12.345 | 75  | 80043   | 60.66   | ug/l # | 11     |
| 82) 4-Chlorotoluene           | 12.737 | 91  | 24      | 0.47    | ug/l # | 43     |
| 87) 1,3-Dichlorobenzene       | 13.230 | 146 | 13750   | 2.89    | ug/l   | 94     |
| 88) 1,4-Dichlorobenzene       | 13.308 | 146 | 30673   | 6.15    | ug/l   | 96     |
| 89) n-Butylbenzene            | 13.563 | 91  | 104     | 2.25    | ug/l # | 34     |

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Sample : M1719-02  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
99-2

Quant Time: Mar 20 05:01:43 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031621W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 17 05:05:15 2021  
Response via : Initial Calibration

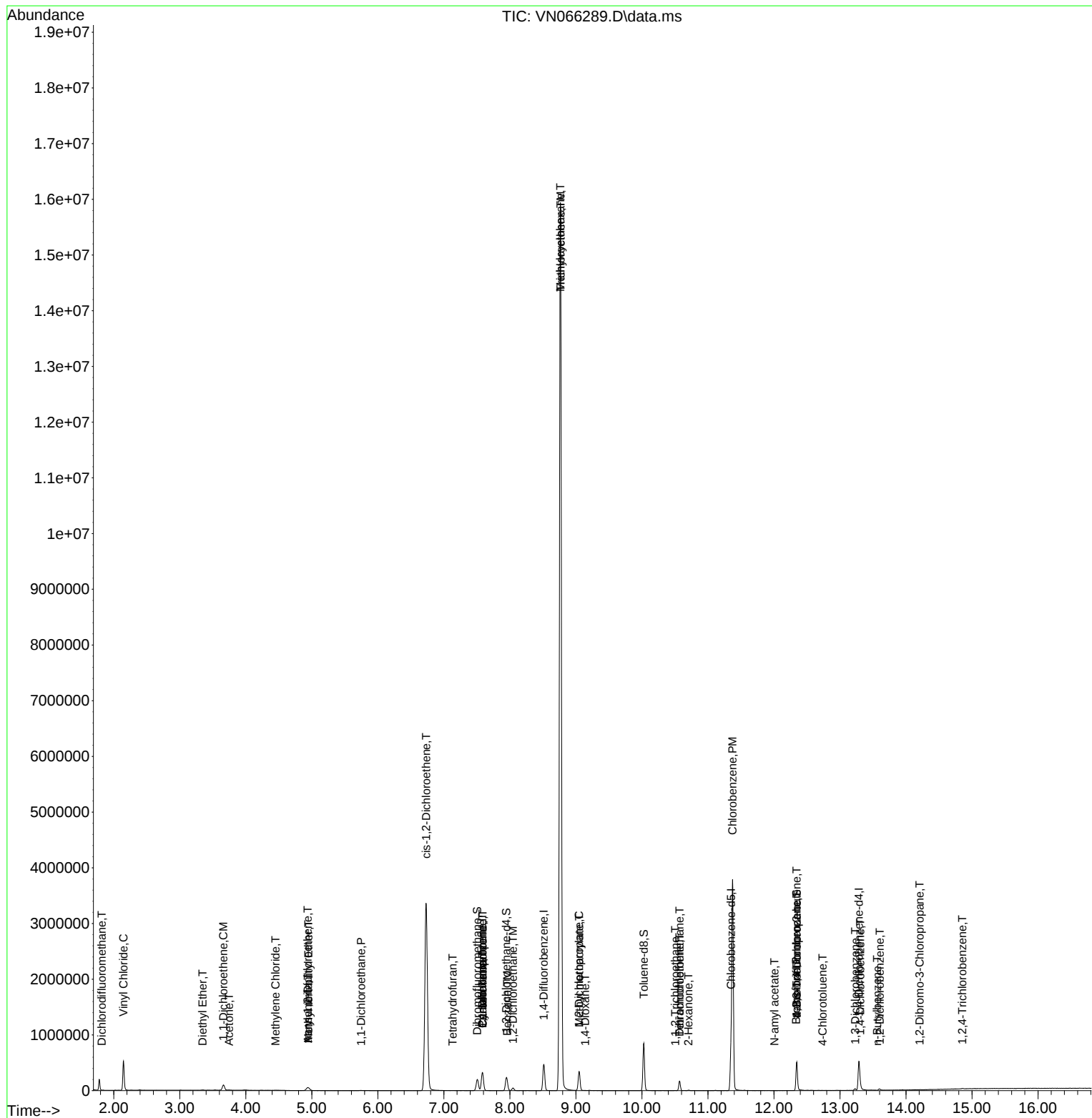
| Compound                      | R.T.   | QIon | Response | Conc | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|------|--------|----------|
| 91) 1,2-Dichlorobenzene       | 13.603 | 146  | 10712    | 2.28 | ug/l   | 92       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.209 | 75   | 126      | 0.98 | ug/l # | 8        |
| 93) 1,2,4-Trichlorobenzene    | 14.853 | 180  | 2502     | 0.82 | ug/l   | 95       |

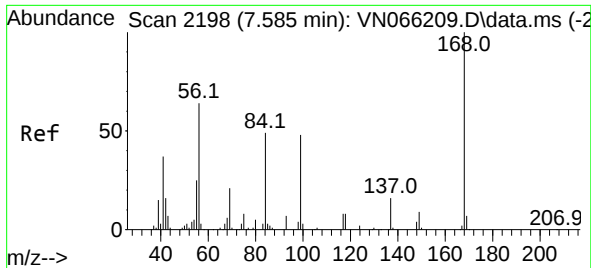
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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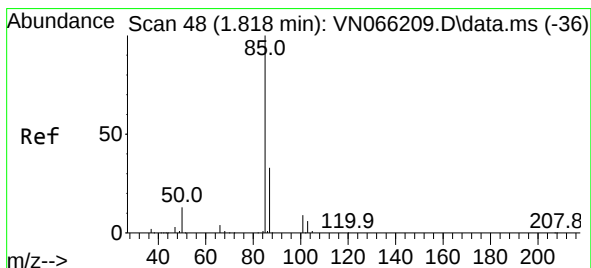
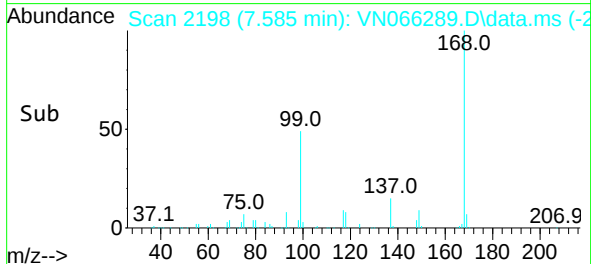
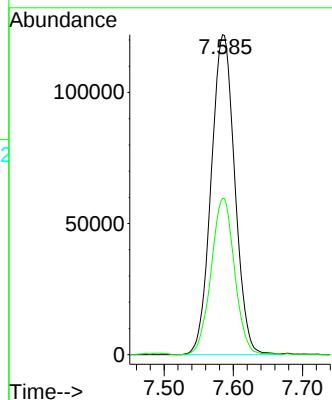
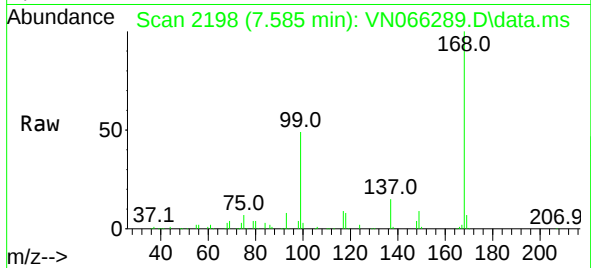




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.585 min Scan# 2198  
Delta R.T. -0.000 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

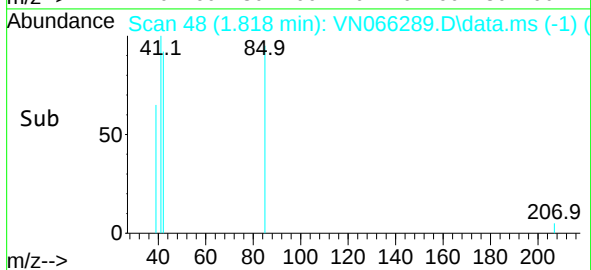
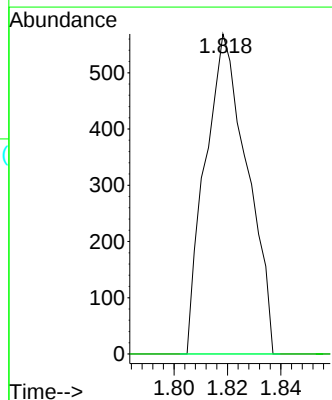
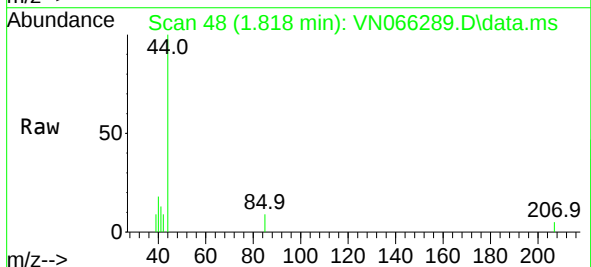
Instrument :  
MSVOA\_N  
ClientSampled :  
99-2

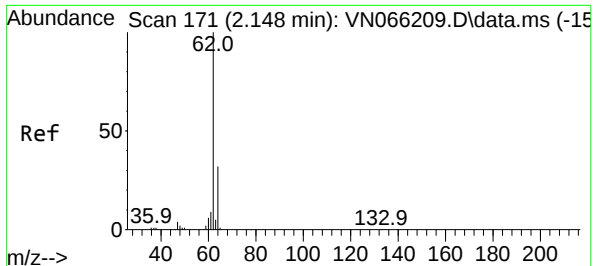
Tgt Ion:168 Resp: 289080  
Ion Ratio Lower Upper  
168 100  
99 48.9 45.4 68.0



#2  
Dichlorodifluoromethane  
Concen: 0.22 ug/l  
RT: 1.818 min Scan# 48  
Delta R.T. 0.000 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

Tgt Ion: 85 Resp: 621  
Ion Ratio Lower Upper  
85 100  
87 0.0 16.4 49.2#

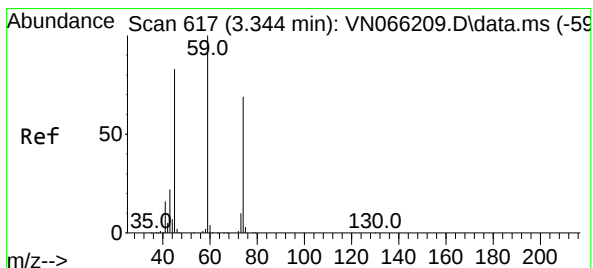
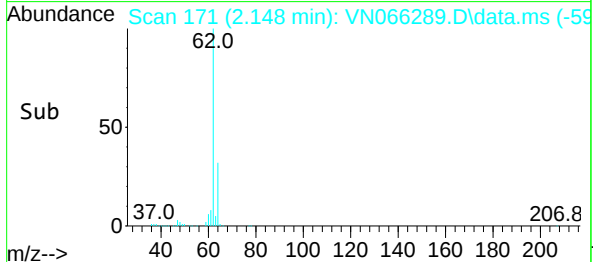
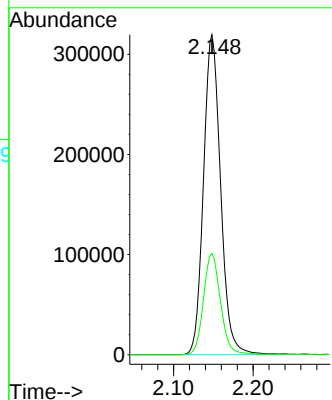
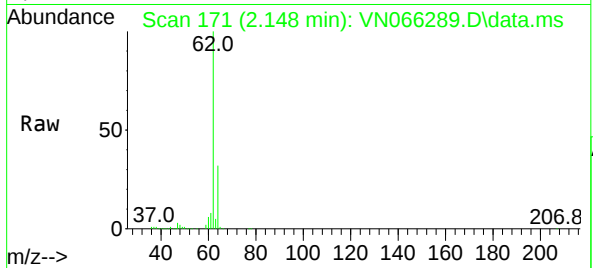




#4  
 Vinyl Chloride  
 Concen: 116.46 ug/l  
 RT: 2.148 min Scan# 171  
 Delta R.T. 0.000 min  
 Lab File: VN066289.D  
 Acq: 19 Mar 2021 18:35

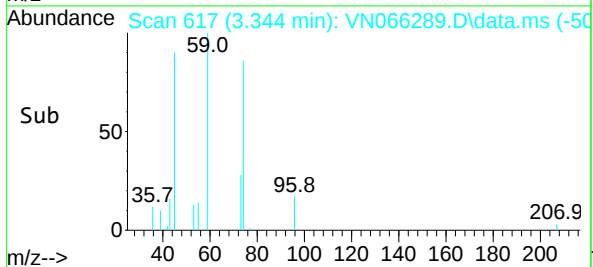
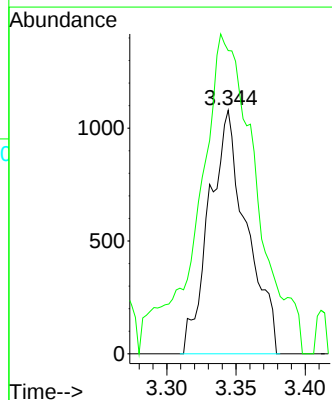
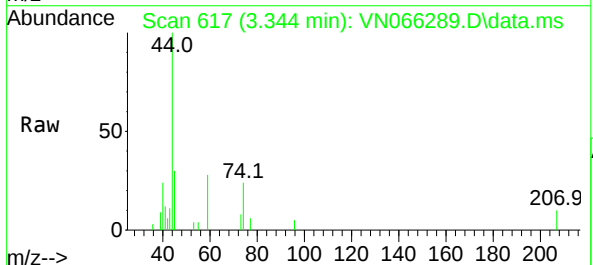
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 99-2

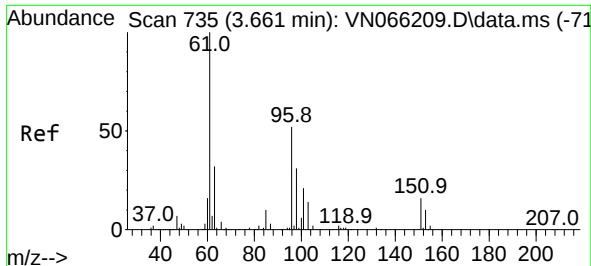
Tgt Ion: 62 Resp: 478092  
 Ion Ratio Lower Upper  
 62 100  
 64 31.6 24.9 37.3



#8  
 Diethyl Ether  
 Concen: 1.03 ug/l  
 RT: 3.344 min Scan# 617  
 Delta R.T. 0.000 min  
 Lab File: VN066289.D  
 Acq: 19 Mar 2021 18:35

Tgt Ion: 74 Resp: 2031  
 Ion Ratio Lower Upper  
 74 100  
 45 203.2 66.1 198.4#

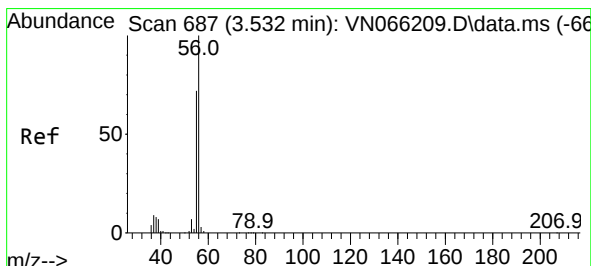
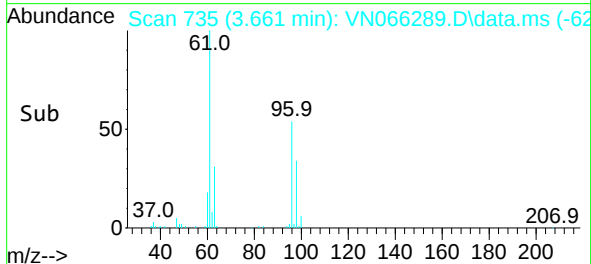
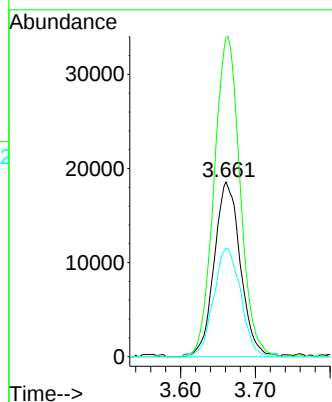
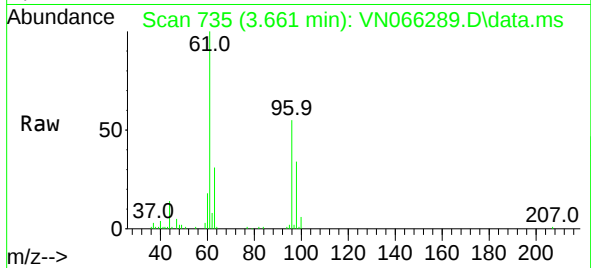




#12  
1,1-Dichloroethene  
Concen: 16.64 ug/l  
RT: 3.661 min Scan# 735  
Delta R.T. -0.000 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

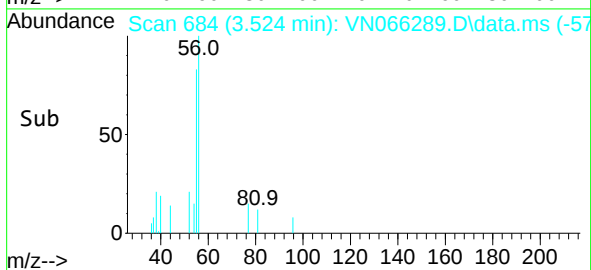
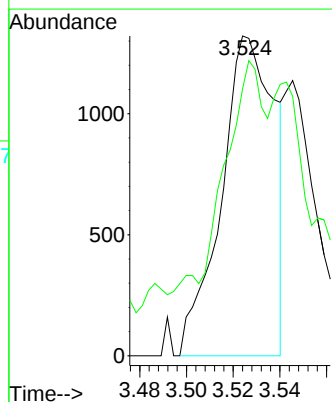
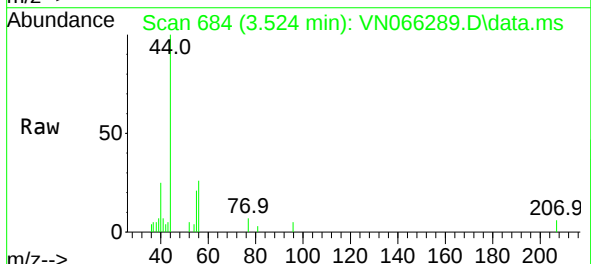
Instrument :  
MSVOA\_N  
ClientSampled :  
99-2

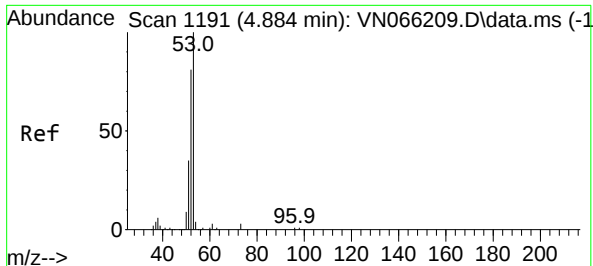
Tgt Ion: 96 Resp: 45158  
Ion Ratio Lower Upper  
96 100  
61 182.5 155.4 233.2  
98 61.9 50.8 76.2



#13  
Acrolein  
Concen: Below Cal  
RT: 3.524 min Scan# 684  
Delta R.T. -0.008 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

Tgt Ion: 56 Resp: 2081  
Ion Ratio Lower Upper  
56 100  
55 53.4 58.0 87.0#

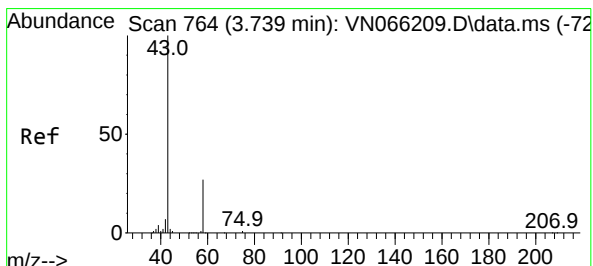
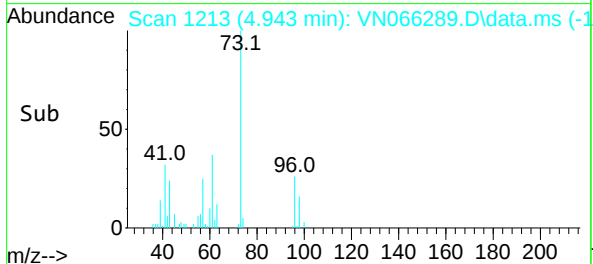
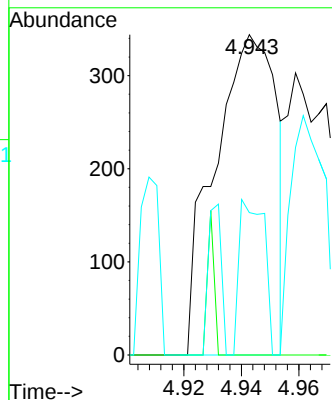
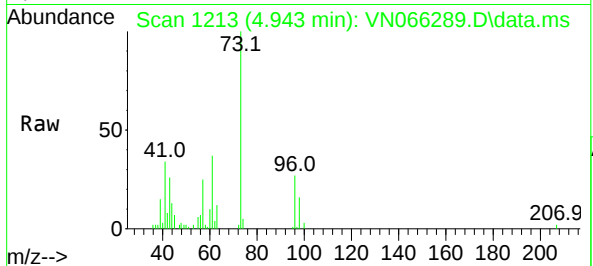




#15  
Acrylonitrile  
Concen: 0.24 ug/l  
RT: 4.943 min Scan# 1213  
Delta R.T. 0.059 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

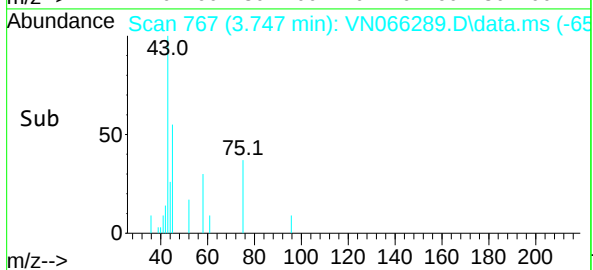
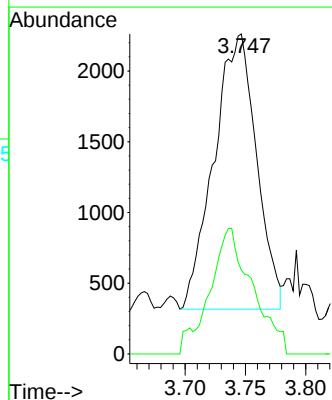
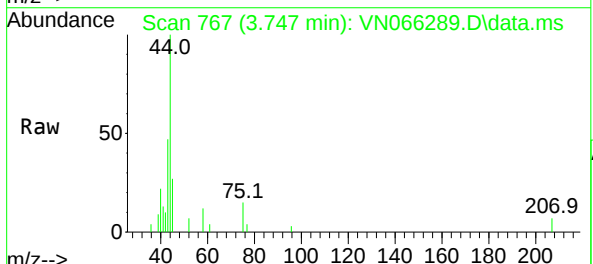
Instrument :  
MSVOA\_N  
ClientSampled :  
99-2

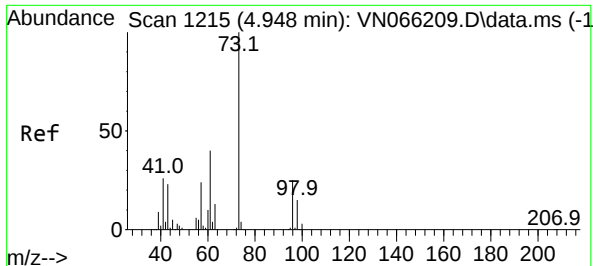
Tgt Ion: 53 Resp: 510  
Ion Ratio Lower Upper  
53 100  
52 0.0 66.2 99.2#  
51 19.6 28.5 42.7#



#16  
Acetone  
Concen: 2.39 ug/l  
RT: 3.747 min Scan# 767  
Delta R.T. 0.008 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

Tgt Ion: 43 Resp: 4774  
Ion Ratio Lower Upper  
43 100  
58 30.5 22.3 33.5



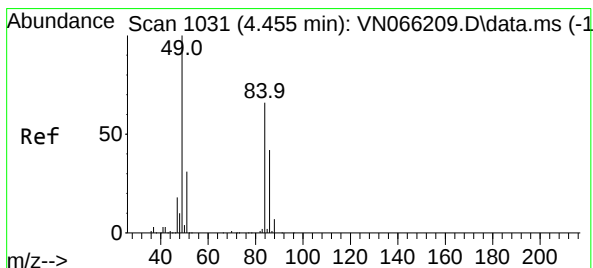
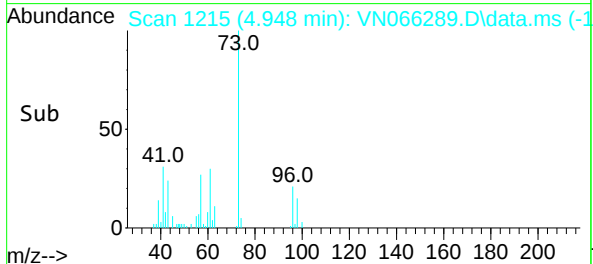
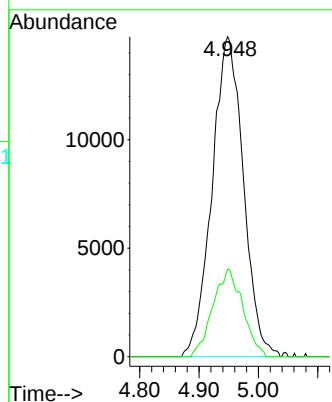
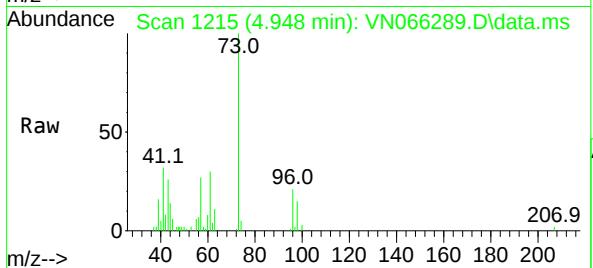


#19

Methyl tert-butyl Ether  
Concen: 5.21 ug/l  
RT: 4.948 min Scan# 1215  
Delta R.T. 0.000 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

Instrument :  
MSVOA\_N  
ClientSampled :  
99-2

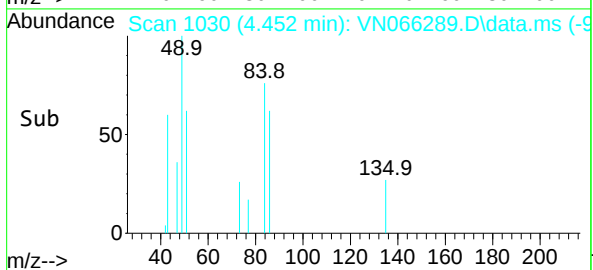
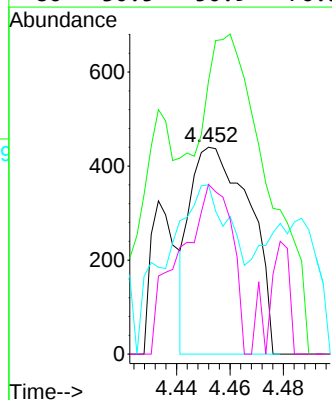
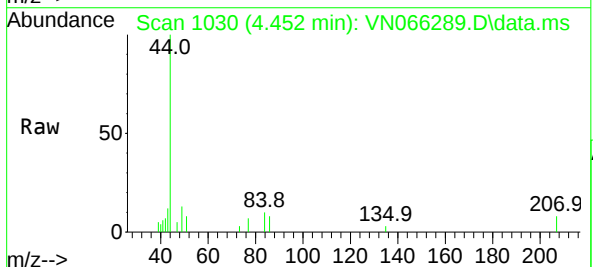
Tgt Ion: 73 Resp: 54099  
Ion Ratio Lower Upper  
73 100  
57 27.3 20.3 30.5

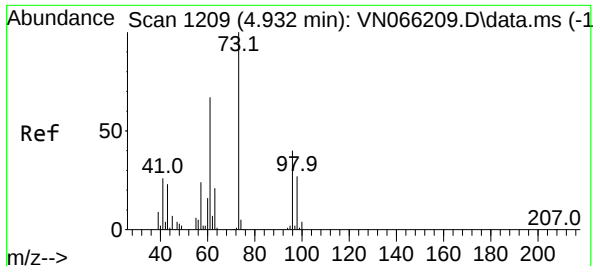


#20

Methylene Chloride  
Concen: 0.22 ug/l  
RT: 4.452 min Scan# 1030  
Delta R.T. -0.003 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

Tgt Ion: 84 Resp: 681  
Ion Ratio Lower Upper  
84 100  
49 62.3 130.0 195.0#  
51 18.6 39.1 58.7#  
86 30.5 50.9 76.3#

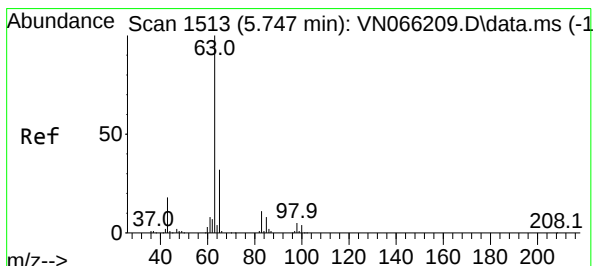
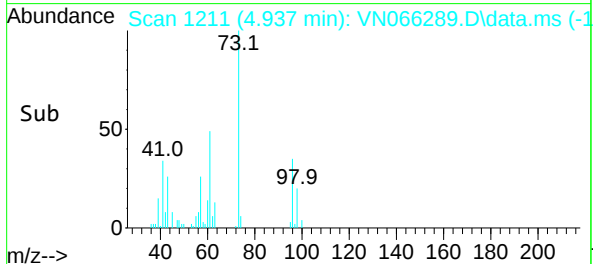
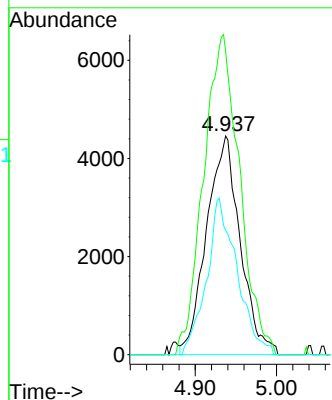
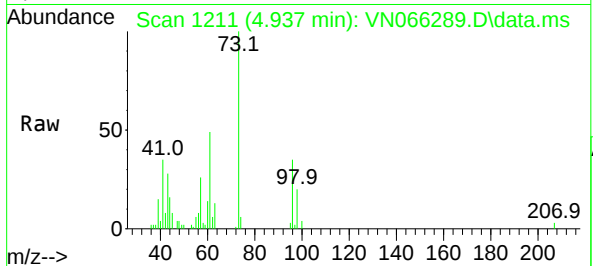




#21  
trans-1,2-Dichloroethene  
Concen: 4.25 ug/l  
RT: 4.937 min Scan# 1211  
Delta R.T. 0.005 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

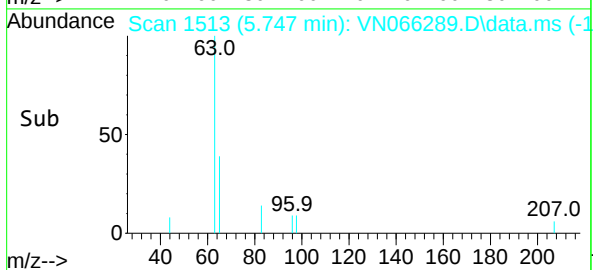
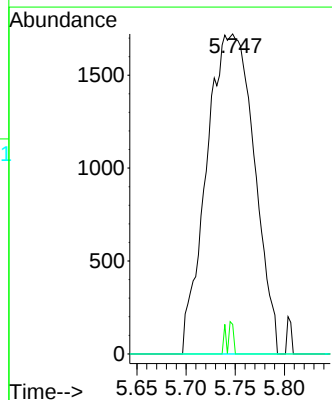
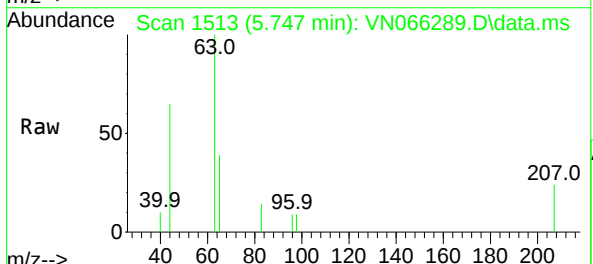
Instrument :  
MSVOA\_N  
ClientSampled :  
99-2

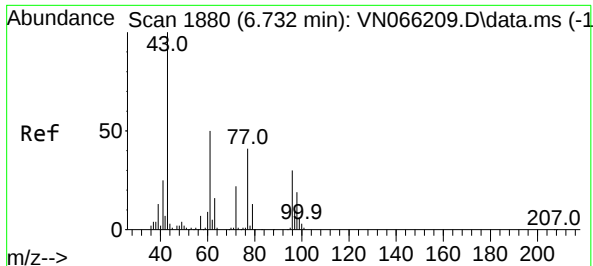
Tgt Ion: 96 Resp: 12790  
Ion Ratio Lower Upper  
96 100  
61 138.7 133.2 199.8  
98 56.7 52.0 78.0



#24  
1,1-Dichloroethane  
Concen: 0.88 ug/l  
RT: 5.747 min Scan# 1513  
Delta R.T. 0.000 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

Tgt Ion: 63 Resp: 5811  
Ion Ratio Lower Upper  
63 100  
98 9.2 2.9 8.6#  
100 0.0 1.7 5.0#

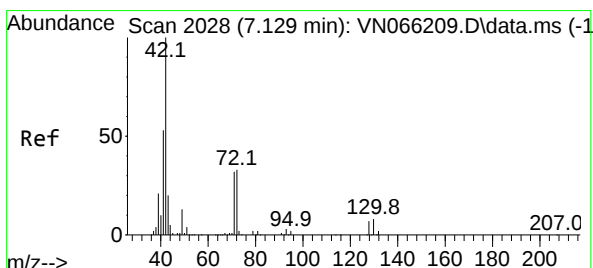
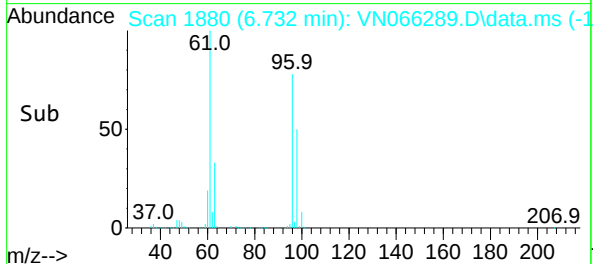
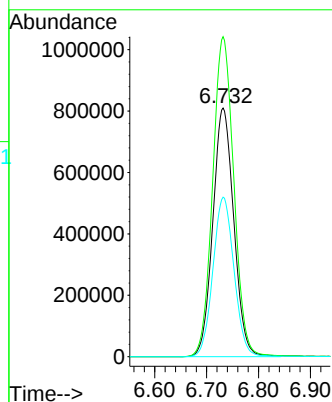
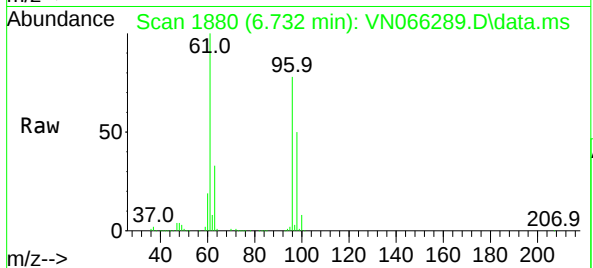




#27  
cis-1,2-Dichloroethene  
Concen: 656.55 ug/l  
RT: 6.732 min Scan# 1880  
Delta R.T. -0.000 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

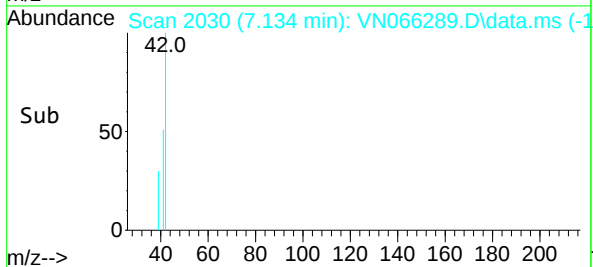
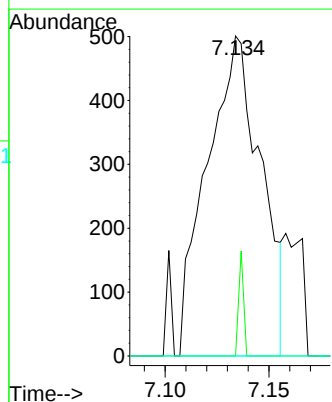
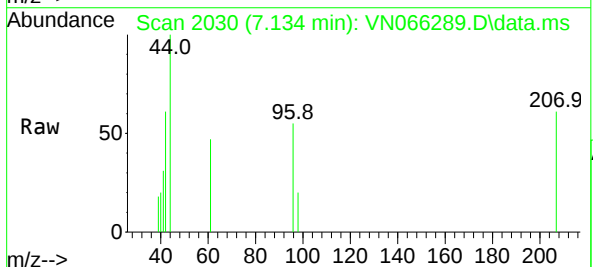
Instrument :  
MSVOA\_N  
ClientSampled :  
99-2

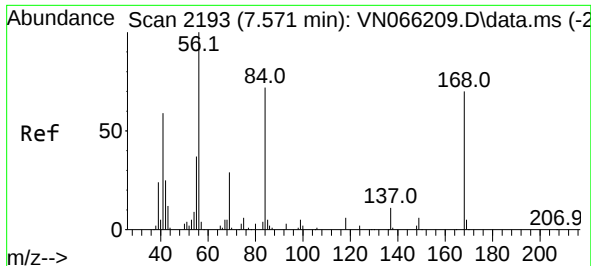
Tgt Ion: 96 Resp: 2275974  
Ion Ratio Lower Upper  
96 100  
61 129.8 0.0 350.8  
98 64.4 0.0 125.0



#29  
Tetrahydrofuran  
Concen: 0.42 ug/l  
RT: 7.134 min Scan# 2030  
Delta R.T. 0.005 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

Tgt Ion: 42 Resp: 904  
Ion Ratio Lower Upper  
42 100  
72 2.9 26.2 39.4#  
71 0.0 25.4 38.2#

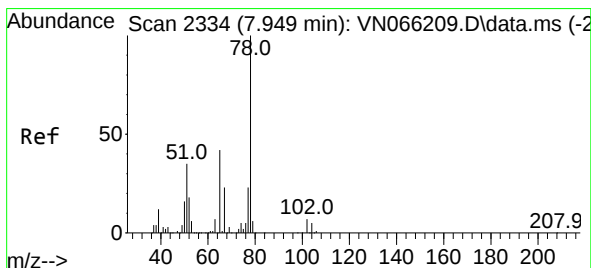
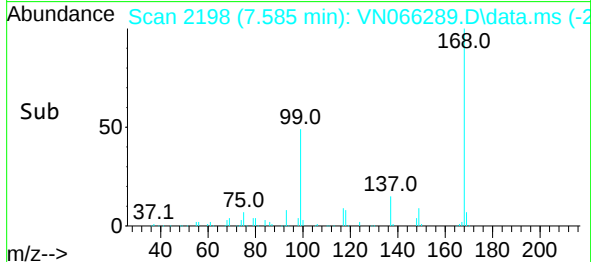
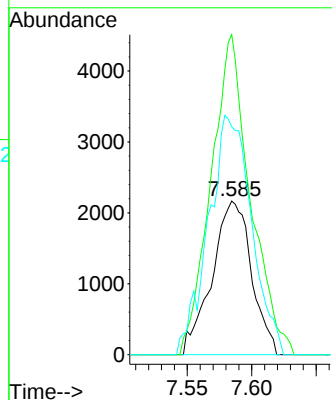
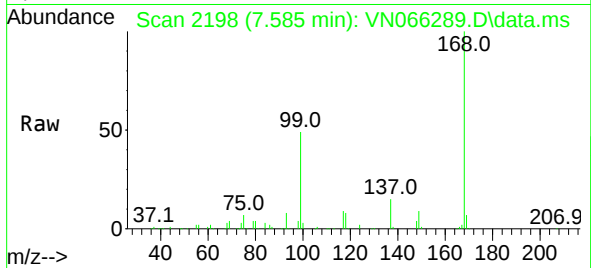




#31  
Cyclohexane  
Concen: 0.74 ug/l  
RT: 7.585 min Scan# 2198  
Delta R.T. 0.014 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

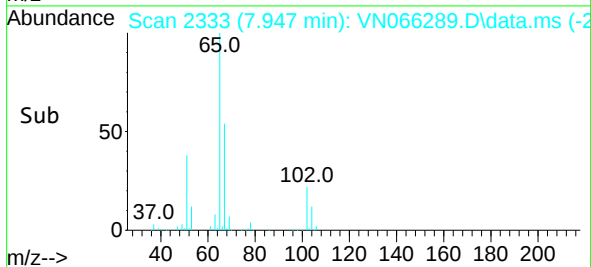
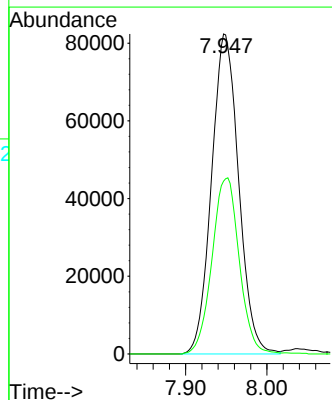
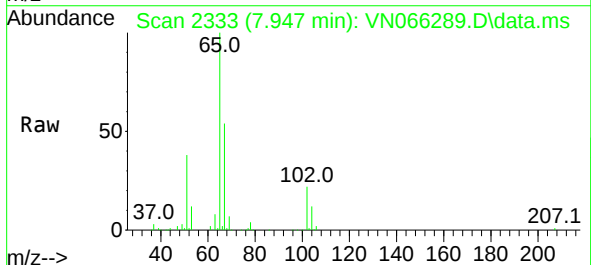
Instrument :  
MSVOA\_N  
ClientSampled :  
99-2

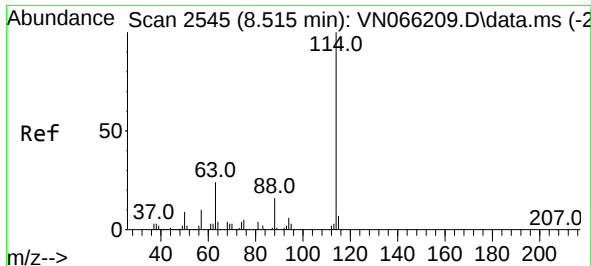
Tgt Ion: 56 Resp: 4617  
Ion Ratio Lower Upper  
56 100  
69 208.4 23.4 35.0#  
84 139.9 57.8 86.6#



#33  
1,2-Dichloroethane-d4  
Concen: 45.85 ug/l  
RT: 7.947 min Scan# 2333  
Delta R.T. -0.002 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

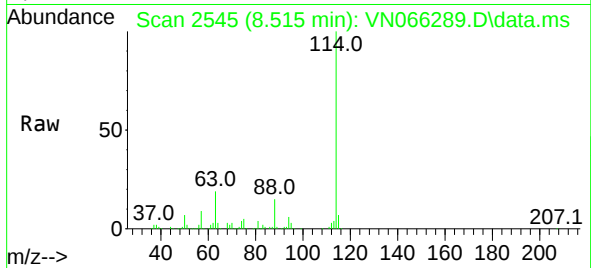
Tgt Ion: 65 Resp: 190958  
Ion Ratio Lower Upper  
65 100  
67 55.3 0.0 107.2



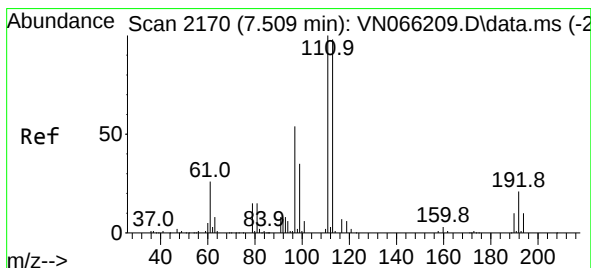
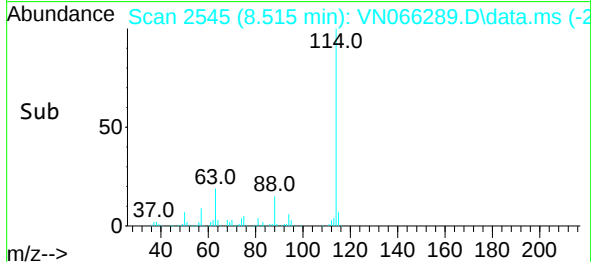
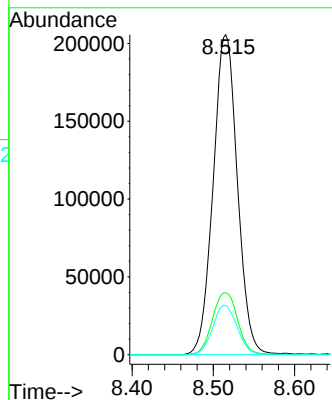


#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.515 min Scan# 2545  
Delta R.T. 0.000 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

Instrument :  
MSVOA\_N  
ClientSampled :  
99-2

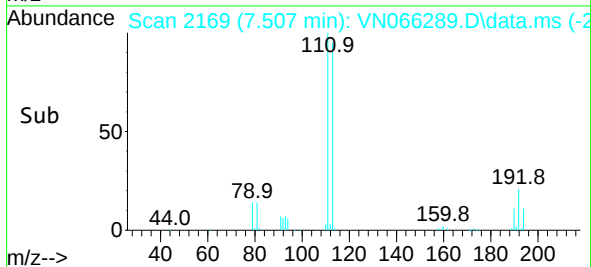
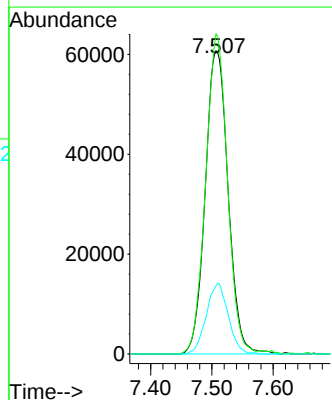
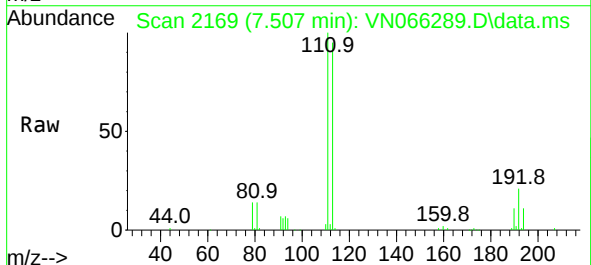


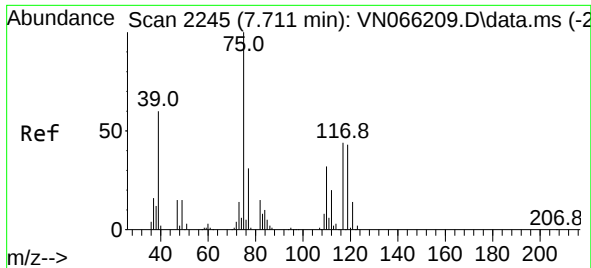
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 19.3  | 0.0   | 49.2  |
| 88      | 15.5  | 0.0   | 33.8  |



#35  
Dibromofluoromethane  
Concen: 58.06 ug/l  
RT: 7.507 min Scan# 2169  
Delta R.T. -0.002 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

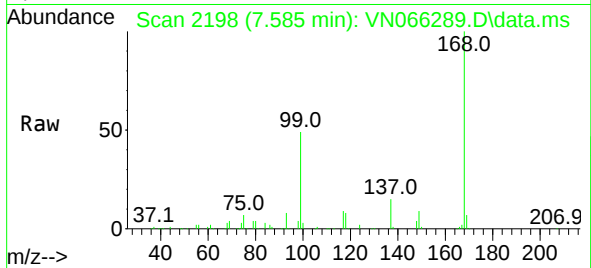
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 100.5 | 84.0  | 126.0 |
| 192     | 22.2  | 16.7  | 25.1  |



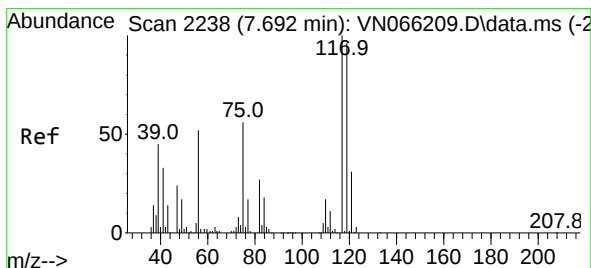
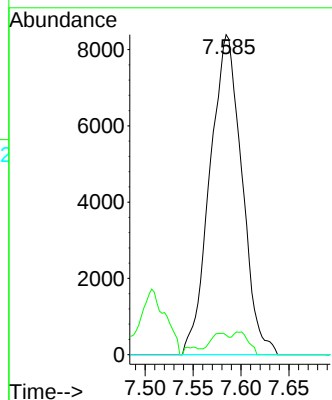
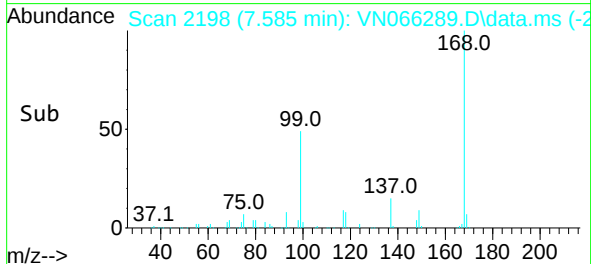


#36  
 1,1-Dichloropropene  
 Concen: 4.51 ug/l  
 RT: 7.585 min Scan# 2198  
 Delta R.T. -0.127 min  
 Lab File: VN066289.D  
 Acq: 19 Mar 2021 18:35

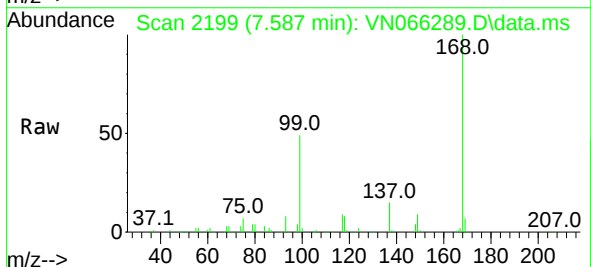
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 99-2



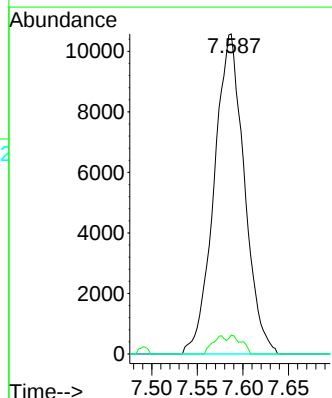
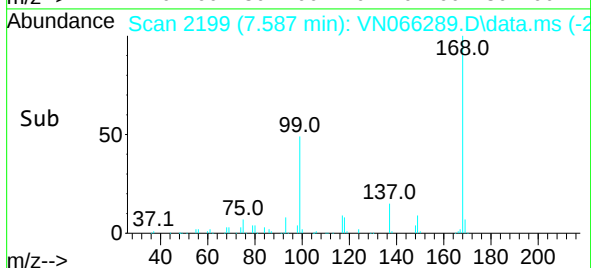
Tgt Ion: 75 Resp: 19444  
 Ion Ratio Lower Upper  
 75 100  
 110 3.7 16.0 48.0#  
 77 0.0 24.9 37.3#

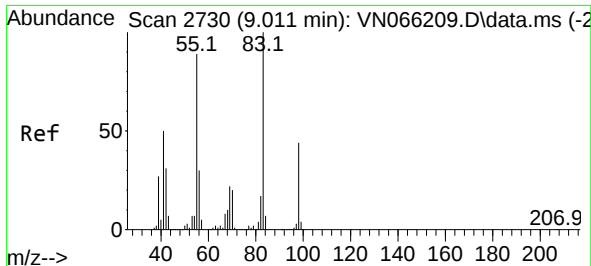


#38  
 Carbon Tetrachloride  
 Concen: 6.29 ug/l  
 RT: 7.587 min Scan# 2199  
 Delta R.T. -0.105 min  
 Lab File: VN066289.D  
 Acq: 19 Mar 2021 18:35



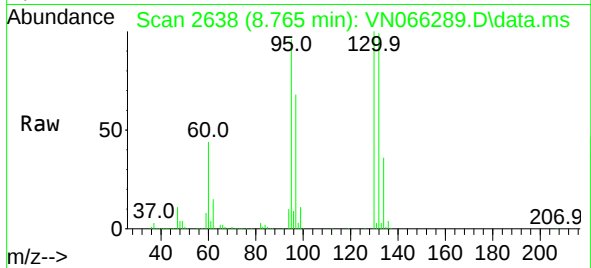
Tgt Ion: 117 Resp: 24303  
 Ion Ratio Lower Upper  
 117 100  
 119 5.9 74.6 111.8#  
 121 0.0 23.9 35.9#



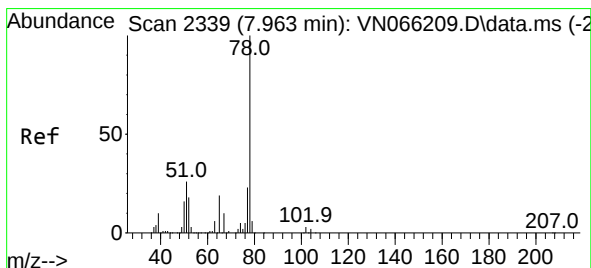
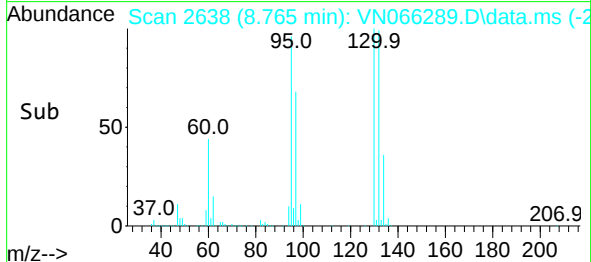
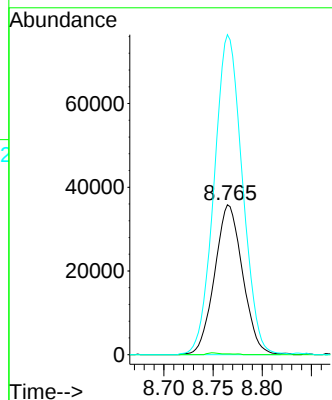


#39  
Methylcyclohexane  
Concen: 15.32 ug/l  
RT: 8.765 min Scan# 2638  
Delta R.T. -0.246 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

Instrument :  
MSVOA\_N  
ClientSampleId :  
99-2

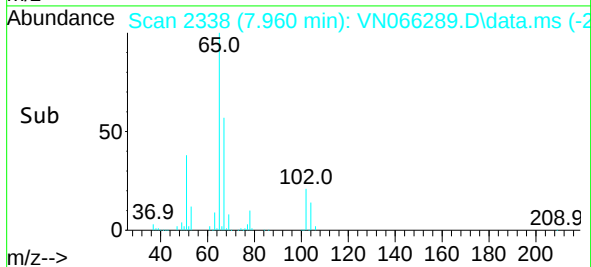
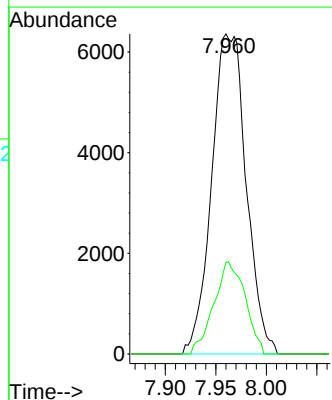
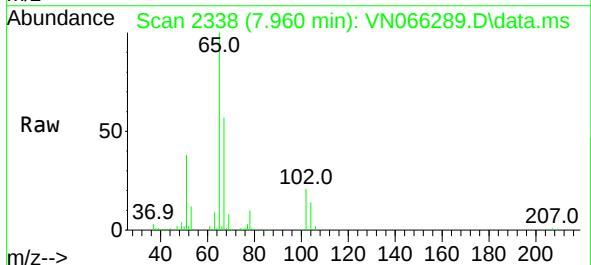


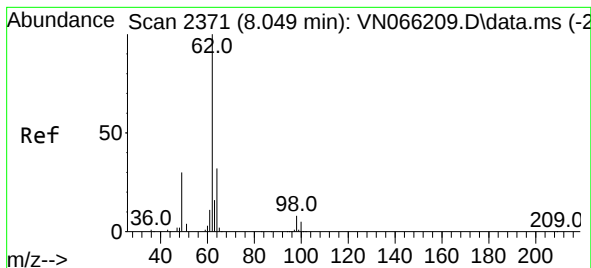
Tgt Ion: 83 Resp: 70911  
Ion Ratio Lower Upper  
83 100  
55 0.6 72.8 109.2#  
98 212.7 33.7 50.5#



#40  
Benzene  
Concen: 1.17 ug/l  
RT: 7.960 min Scan# 2338  
Delta R.T. -0.003 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

Tgt Ion: 78 Resp: 15118  
Ion Ratio Lower Upper  
78 100  
77 28.6 18.5 27.7#





#42

1,2-Dichloroethane

Concen: 9.22 ug/l

RT: 8.048 min Scan# 2371

Delta R.T. -0.001 min

Lab File: VN066289.D

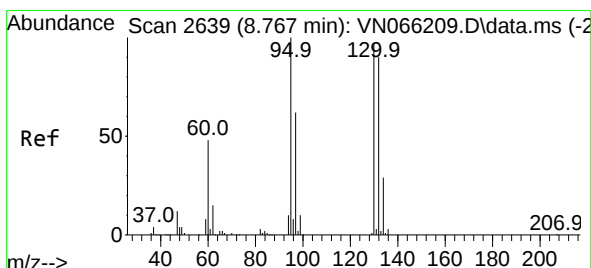
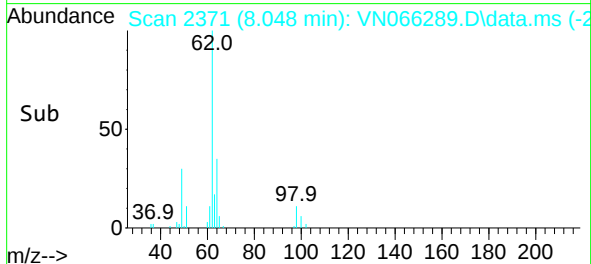
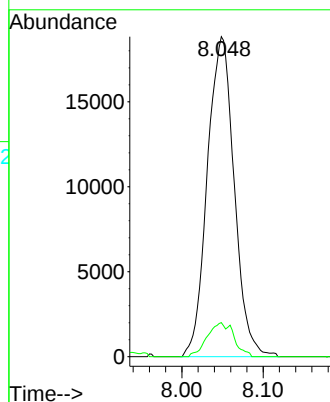
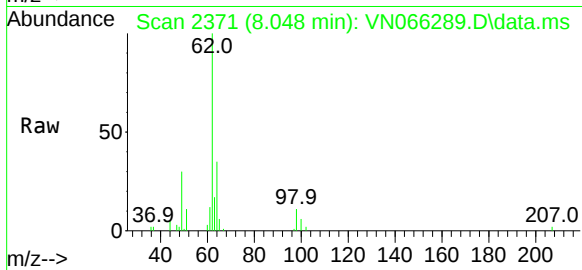
Acq: 19 Mar 2021 18:35

Tgt Ion: 62 Resp: 43289

Ion Ratio Lower Upper

62 100

98 7.2 0.0 14.8



#44

Trichloroethene

Concen: 1985.04 ug/l

RT: 8.767 min Scan# 2639

Delta R.T. 0.000 min

Lab File: VN066289.D

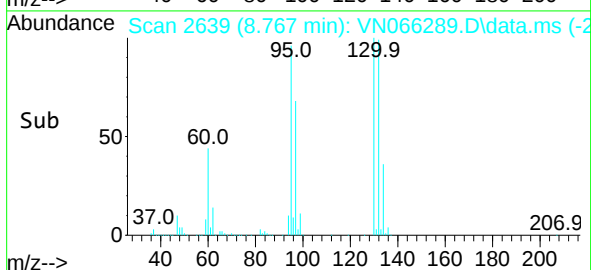
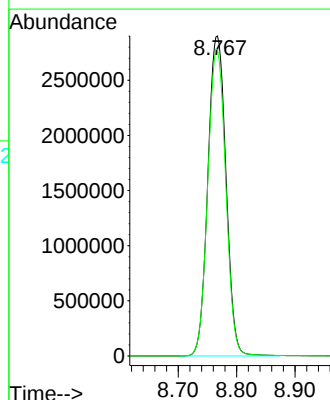
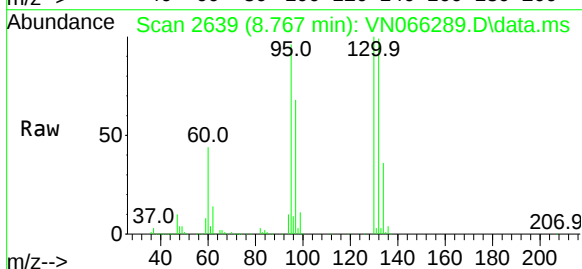
Acq: 19 Mar 2021 18:35

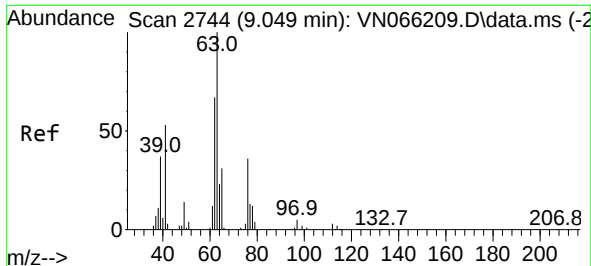
Tgt Ion: 130 Resp: 6242337

Ion Ratio Lower Upper

130 100

95 95.6 0.0 210.2



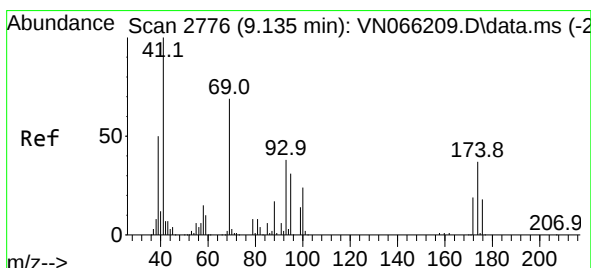
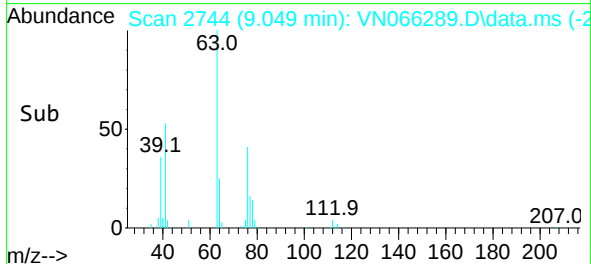
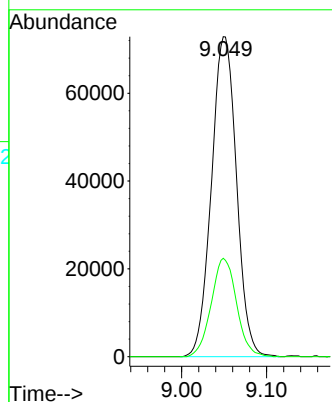
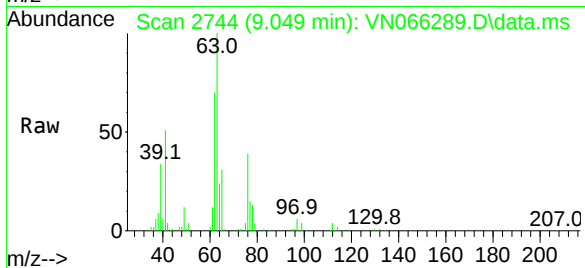


#45

1,2-Dichloropropane  
Concen: 39.88 ug/l  
RT: 9.049 min Scan# 2744  
Delta R.T. -0.000 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

Instrument :  
MSVOA\_N  
ClientSampled :  
99-2

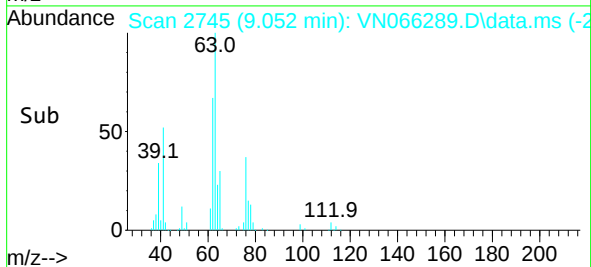
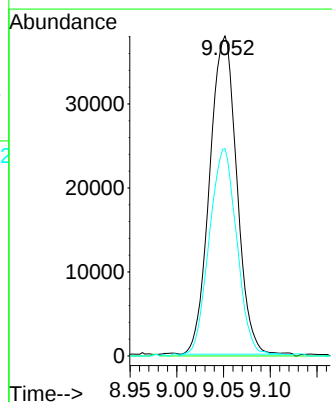
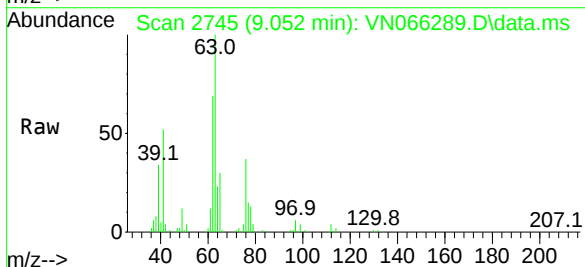
Tgt Ion: 63 Resp: 149309  
Ion Ratio Lower Upper  
63 100  
65 30.8 24.6 37.0

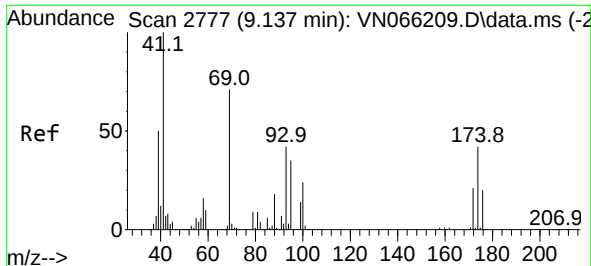


#48

Methyl methacrylate  
Concen: 16.92 ug/l  
RT: 9.052 min Scan# 2745  
Delta R.T. -0.083 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

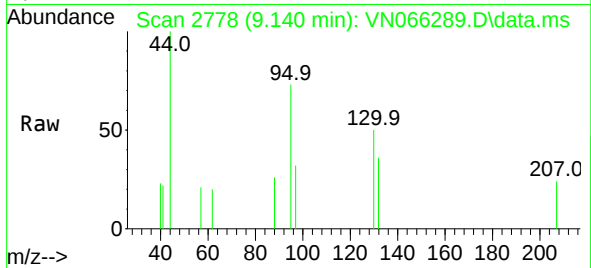
Tgt Ion: 41 Resp: 76378  
Ion Ratio Lower Upper  
41 100  
69 0.0 54.7 82.1#  
39 66.8 40.2 60.2#



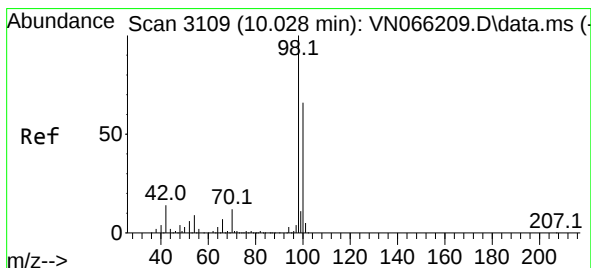
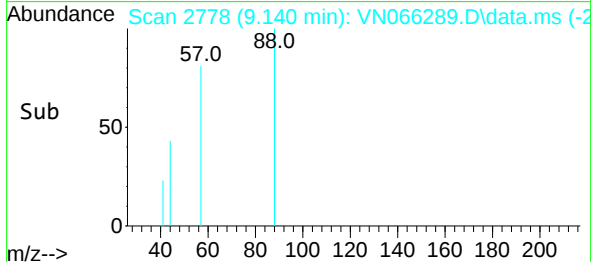
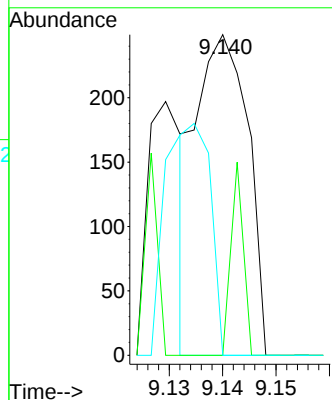


#49  
1,4-Dioxane  
Concen: 3.41 ug/l  
RT: 9.140 min Scan# 2778  
Delta R.T. 0.003 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

Instrument :  
MSVOA\_N  
ClientSampled :  
99-2

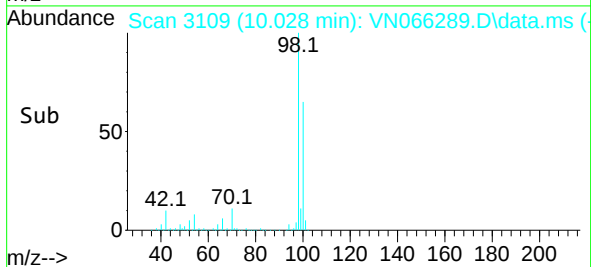
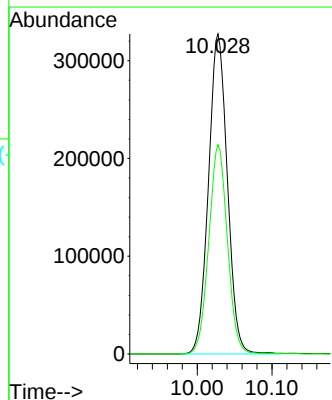
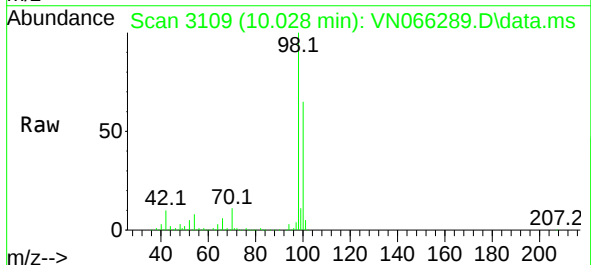


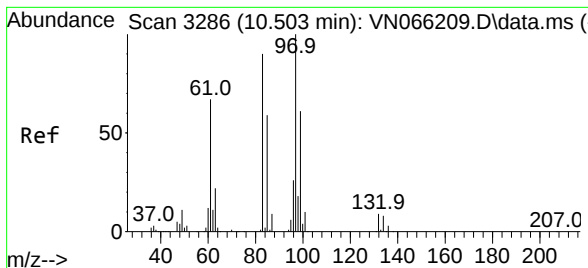
Tgt Ion: 88 Resp: 167  
Ion Ratio Lower Upper  
88 100  
43 0.0 34.4 51.6#  
58 0.0 67.3 100.9#



#50  
Toluene-d8  
Concen: 54.78 ug/l  
RT: 10.028 min Scan# 3109  
Delta R.T. -0.000 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

Tgt Ion: 98 Resp: 575011  
Ion Ratio Lower Upper  
98 100  
100 64.5 51.0 76.6



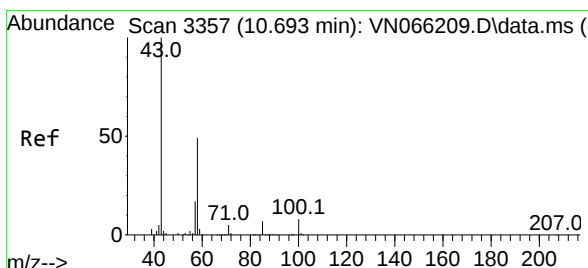
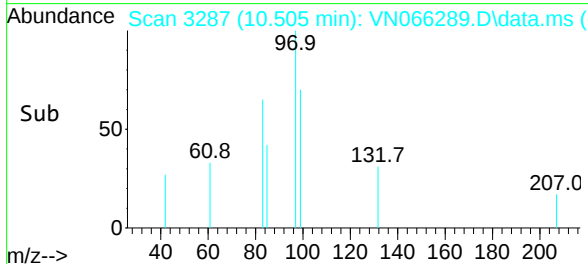
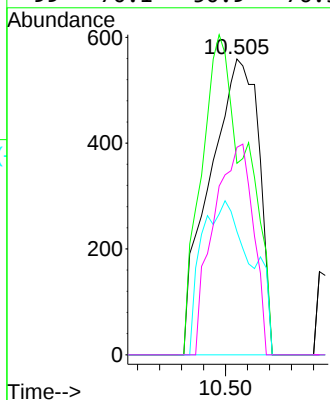
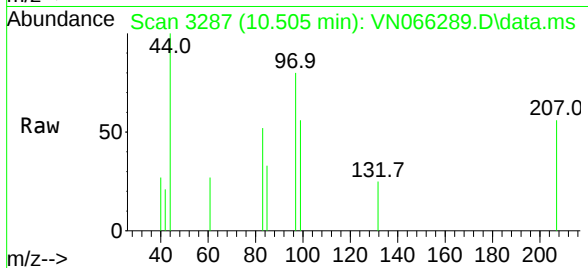


#55  
1,1,2-Trichloroethane  
Concen: 0.28 ug/l  
RT: 10.505 min Scan# 3287  
Delta R.T. 0.002 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

Instrument :  
MSVOA\_N  
ClientSampled :  
99-2

Tgt Ion: 97 Resp: 870

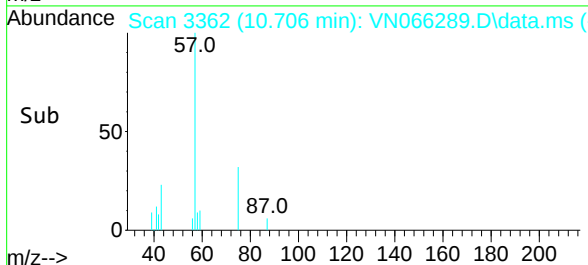
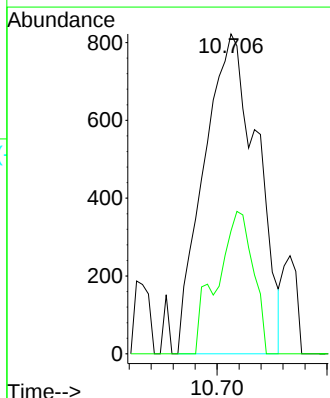
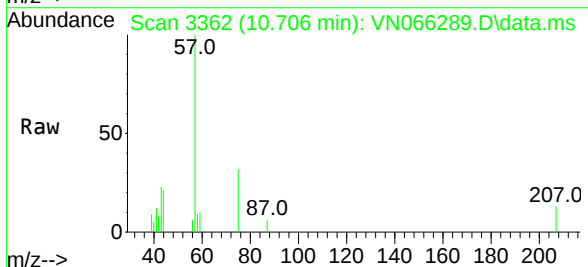
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 97  | 100   |       |        |
| 83  | 64.8  | 73.3  | 109.9# |
| 85  | 41.7  | 49.8  | 74.8#  |
| 99  | 70.1  | 50.9  | 76.3   |

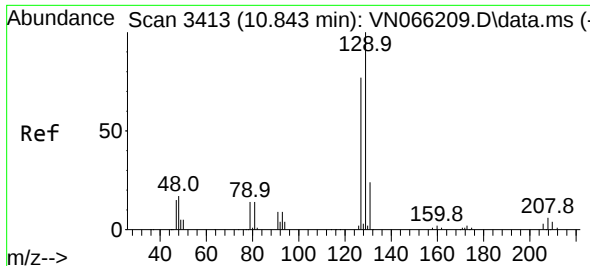


#59  
2-Hexanone  
Concen: 1.64 ug/l  
RT: 10.706 min Scan# 3362  
Delta R.T. 0.013 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

Tgt Ion: 43 Resp: 1378

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 30.3  | 23.8  | 71.5  |

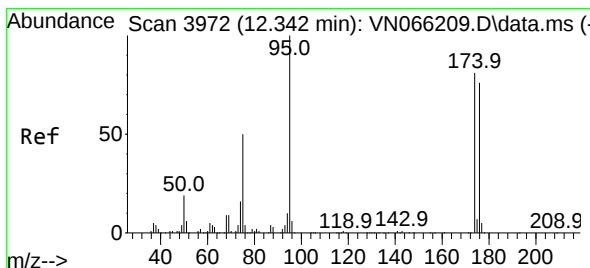
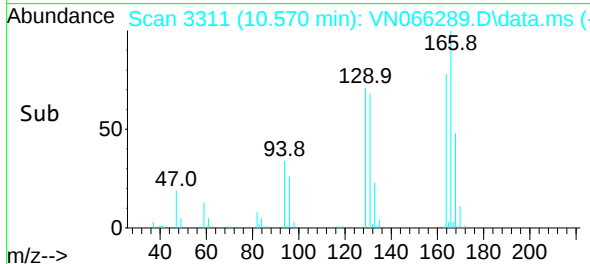
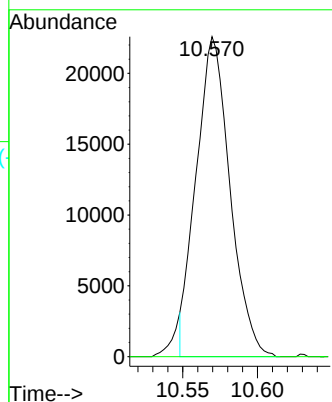
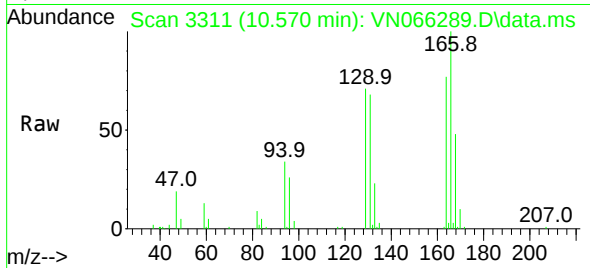




#60  
Dibromochloromethane  
Concen: 11.02 ug/l  
RT: 10.570 min Scan# 3311  
Delta R.T. -0.273 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

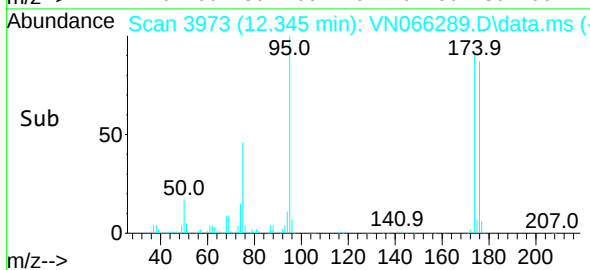
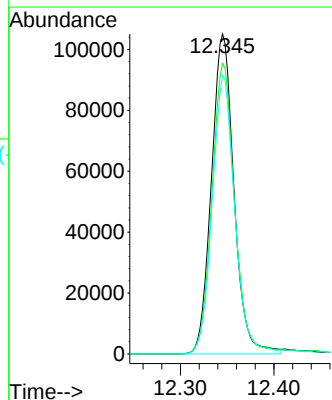
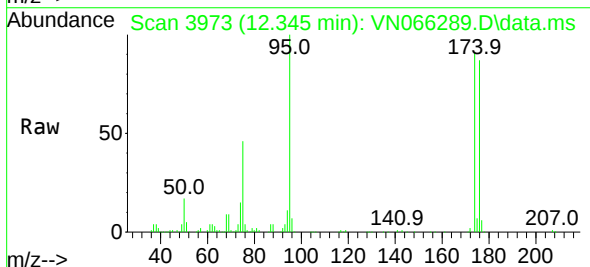
Instrument :  
MSVOA\_N  
ClientSampled :  
99-2

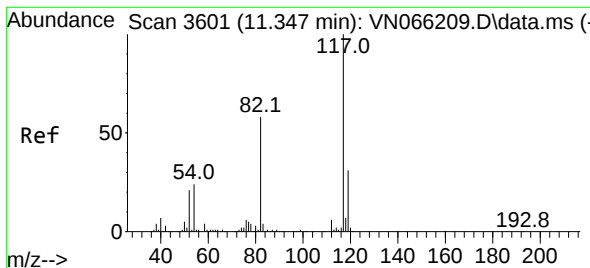
Tgt Ion:129 Resp: 35451  
Ion Ratio Lower Upper  
129 100  
127 0.0 39.2 117.6#



#62  
4-Bromofluorobenzene  
Concen: 46.60 ug/l  
RT: 12.345 min Scan# 3973  
Delta R.T. 0.003 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

Tgt Ion: 95 Resp: 176309  
Ion Ratio Lower Upper  
95 100  
174 91.3 0.0 162.4  
176 87.1 0.0 156.2

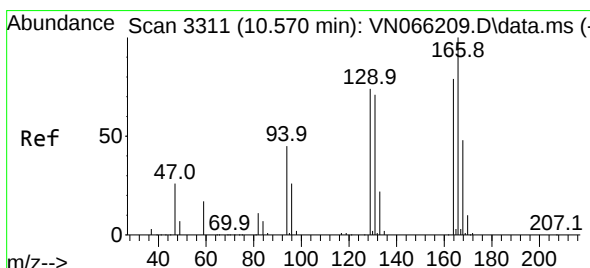
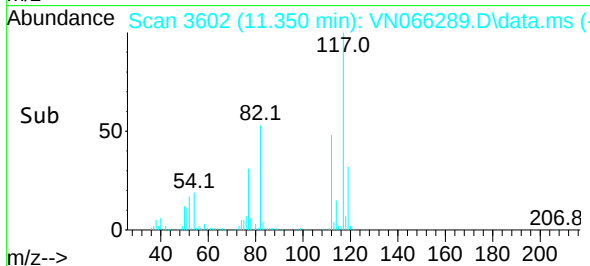
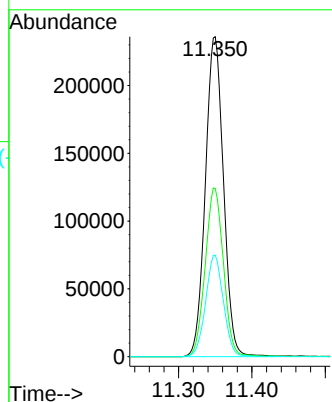
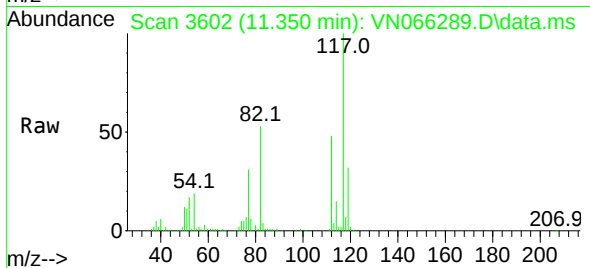




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.350 min Scan# 3602  
Delta R.T. 0.003 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

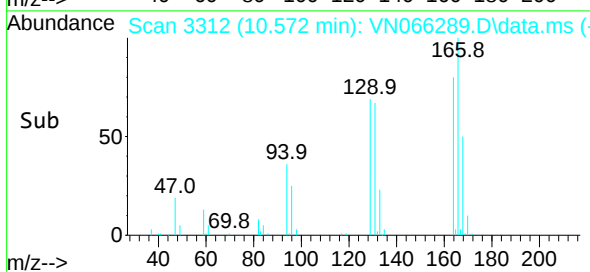
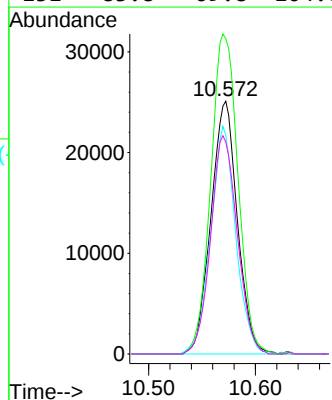
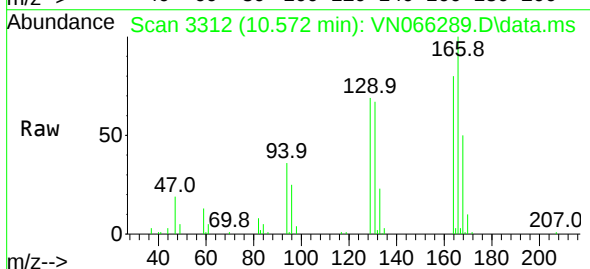
Instrument :  
MSVOA\_N  
ClientSampled :  
99-2

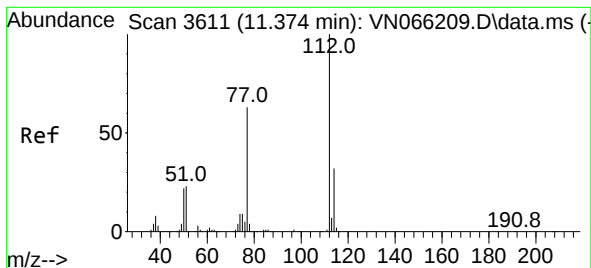
Tgt Ion:117 Resp: 405502  
Ion Ratio Lower Upper  
117 100  
82 52.6 49.0 73.6  
119 31.7 25.7 38.5



#64  
Tetrachloroethene  
Concen: 12.83 ug/l  
RT: 10.572 min Scan# 3312  
Delta R.T. 0.002 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

Tgt Ion:164 Resp: 43147  
Ion Ratio Lower Upper  
164 100  
166 124.7 98.9 148.3  
129 86.5 73.2 109.8  
131 83.8 69.8 104.6

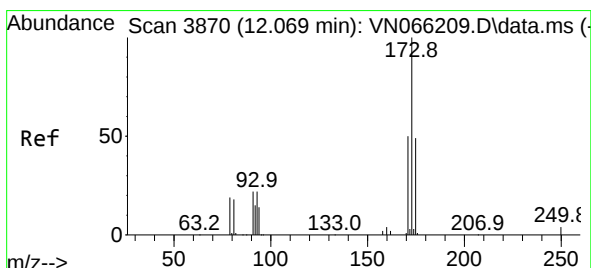
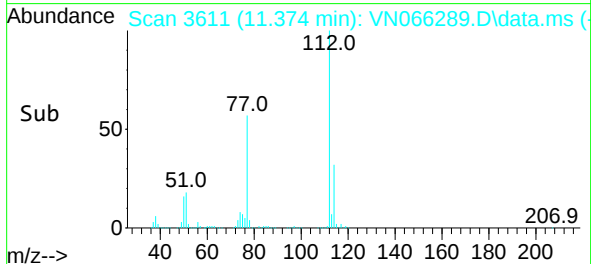
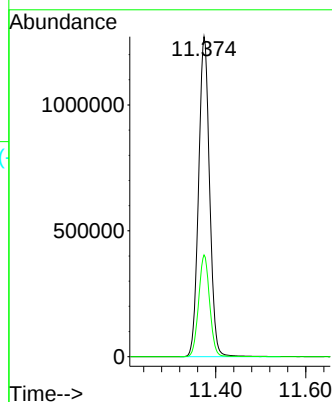
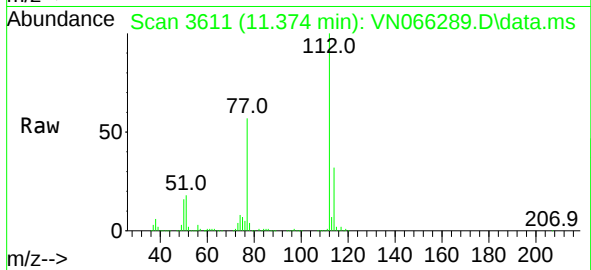




#65  
Chlorobenzene  
Concen: 264.61 ug/l  
RT: 11.374 min Scan# 3611  
Delta R.T. 0.000 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

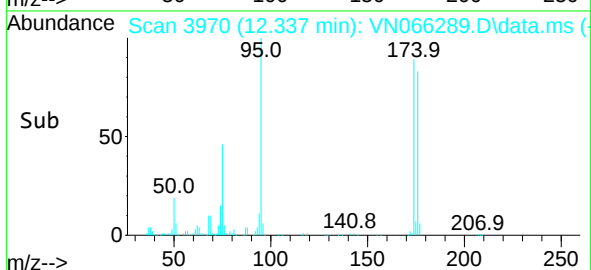
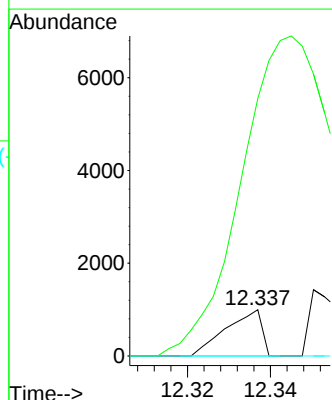
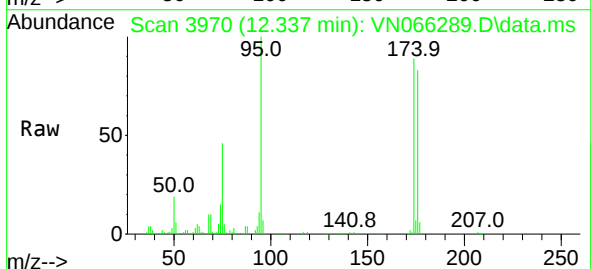
Instrument :  
MSVOA\_N  
ClientSampled :  
99-2

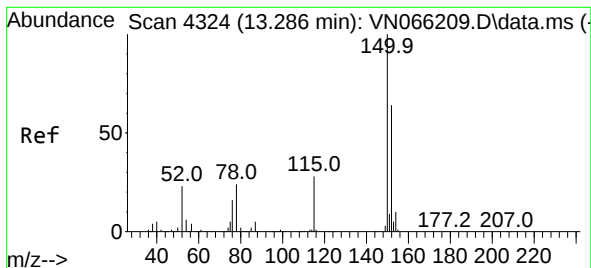
Tgt Ion:112 Resp: 2152943  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.4 38.0



#71  
Bromoform  
Concen: 0.25 ug/l  
RT: 12.337 min Scan# 3970  
Delta R.T. 0.268 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

Tgt Ion:173 Resp: 599  
Ion Ratio Lower Upper  
173 100  
175 0.0 23.9 71.8#  
254 0.0 0.0 0.0

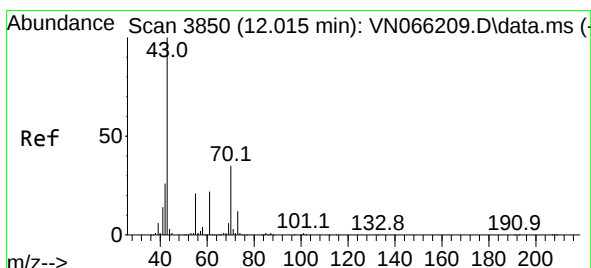
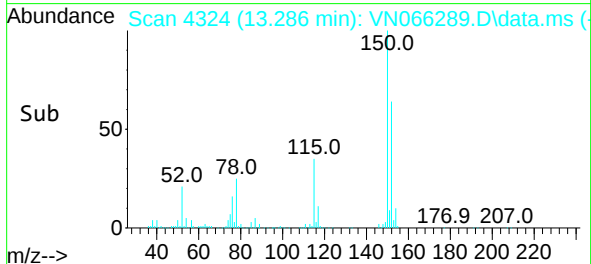
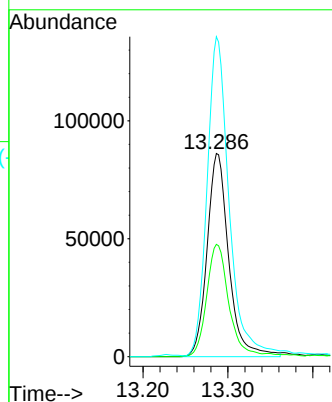
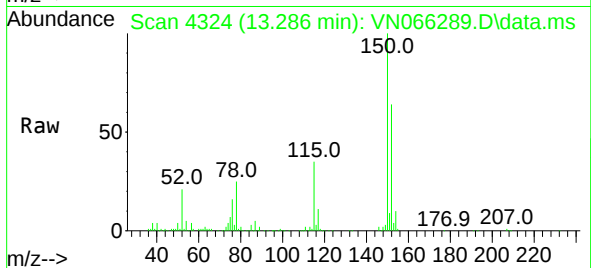




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.286 min Scan# 4324  
Delta R.T. 0.000 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

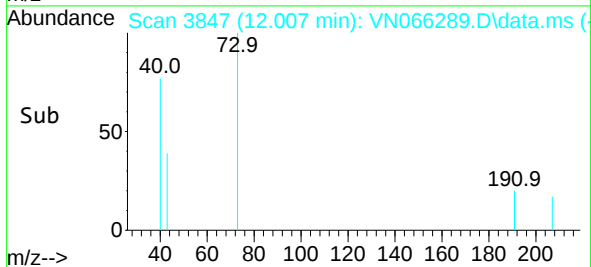
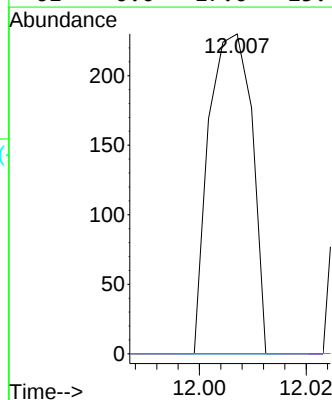
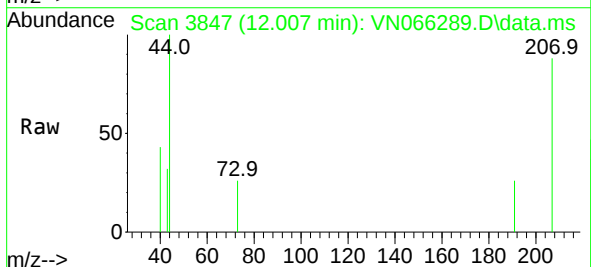
Instrument :  
MSVOA\_N  
ClientSampled :  
99-2

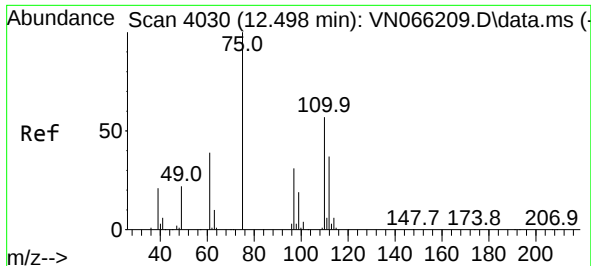
Tgt Ion:152 Resp: 152896  
Ion Ratio Lower Upper  
152 100  
115 55.9 29.4 88.3  
150 159.8 0.0 352.2



#74  
N-ethyl acetate  
Concen: 2.18 ug/l  
RT: 12.007 min Scan# 3847  
Delta R.T. -0.008 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

Tgt Ion: 43 Resp: 129  
Ion Ratio Lower Upper  
43 100  
70 0.0 26.2 39.4#  
55 0.0 17.2 25.8#  
61 0.0 17.0 25.4#

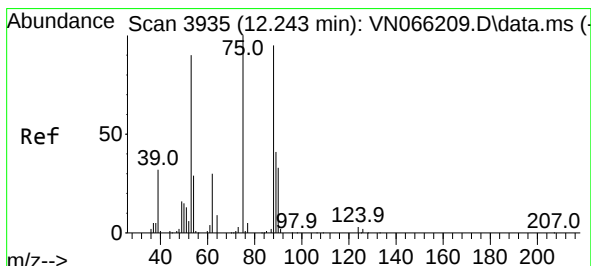
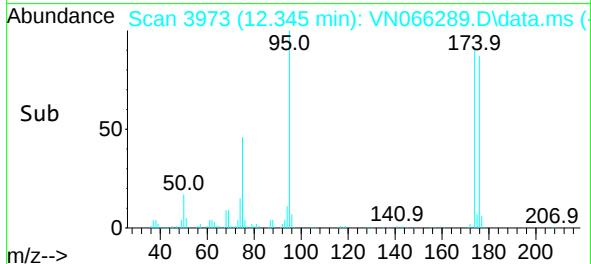
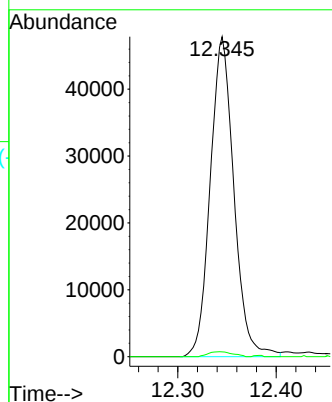
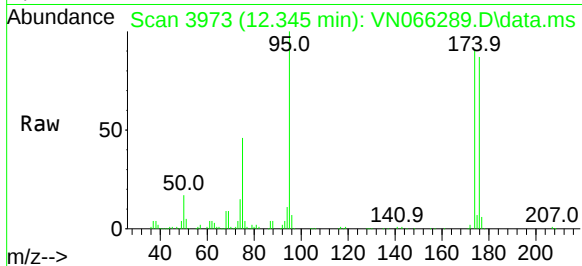




#76  
1,2,3-Trichloropropane  
Concen: 20.27 ug/l  
RT: 12.345 min Scan# 3973  
Delta R.T. -0.153 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

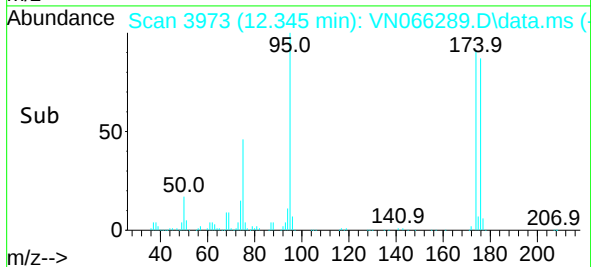
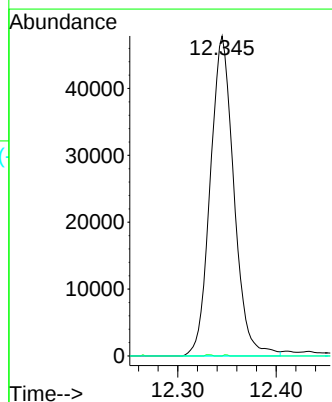
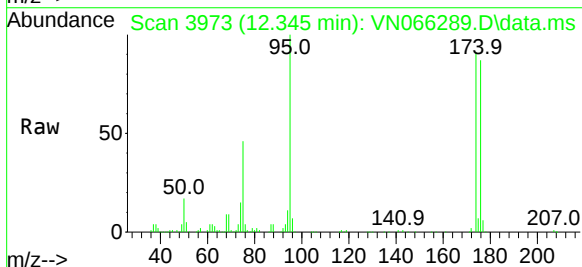
Instrument :  
MSVOA\_N  
ClientSampled :  
99-2

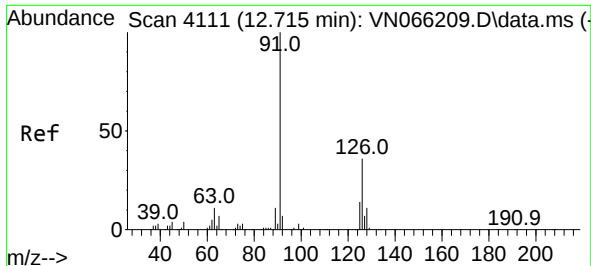
Tgt Ion: 75 Resp: 80043  
Ion Ratio Lower Upper  
75 100  
77 1.6 0.0 0.0#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 60.66 ug/l  
RT: 12.345 min Scan# 3973  
Delta R.T. 0.102 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

Tgt Ion: 75 Resp: 80043  
Ion Ratio Lower Upper  
75 100  
53 0.1 77.8 116.6#  
89 0.0 33.7 50.5#

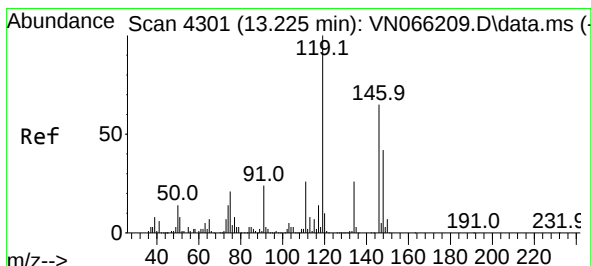
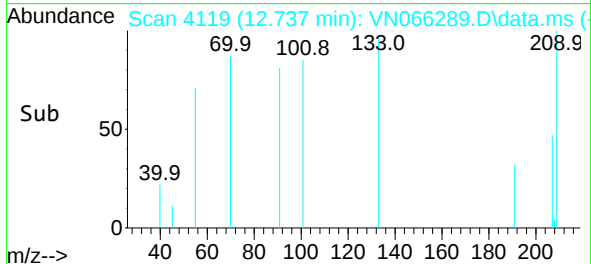
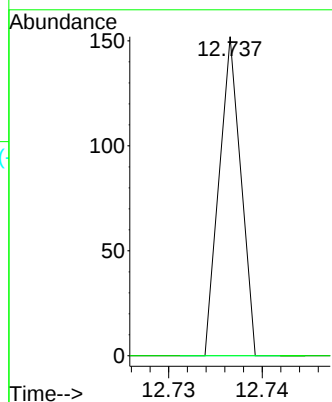
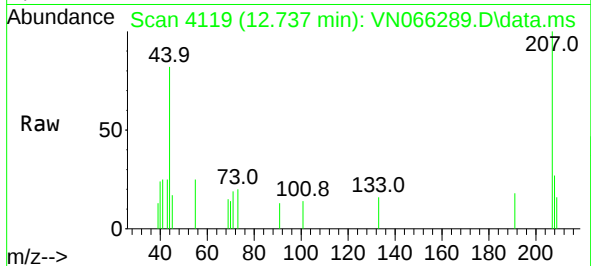




#82  
4-Chlorotoluene  
Concen: 0.47 ug/l  
RT: 12.737 min Scan# 4119  
Delta R.T. 0.022 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

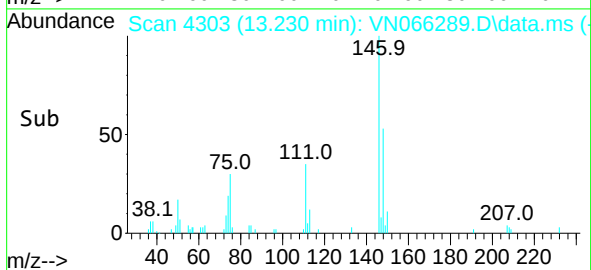
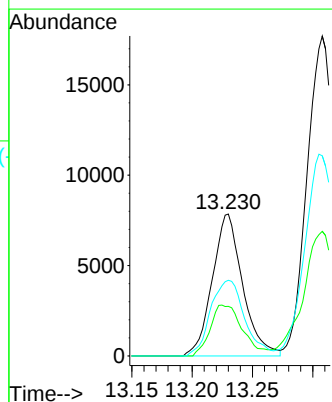
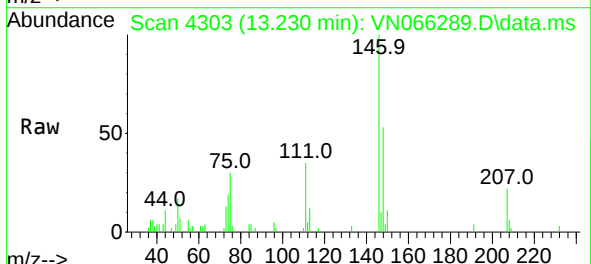
Instrument :  
MSVOA\_N  
ClientSampled :  
99-2

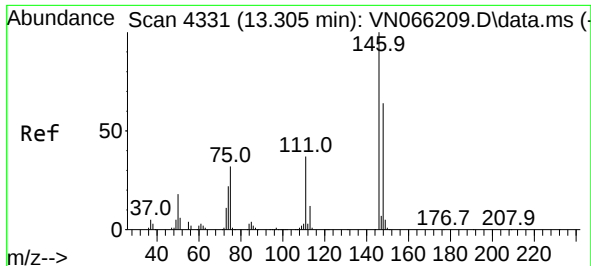
Tgt Ion: 91 Resp: 24  
Ion Ratio Lower Upper  
91 100  
126 0.0 15.7 47.1#



#87  
1,3-Dichlorobenzene  
Concen: 2.89 ug/l  
RT: 13.230 min Scan# 4303  
Delta R.T. 0.005 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

Tgt Ion: 146 Resp: 13750  
Ion Ratio Lower Upper  
146 100  
111 38.1 20.3 61.0  
148 59.8 32.4 97.2

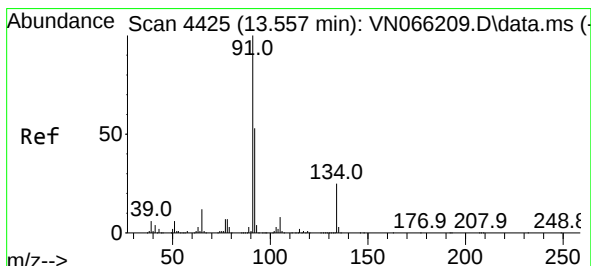
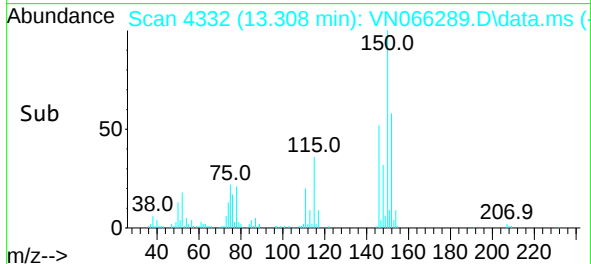
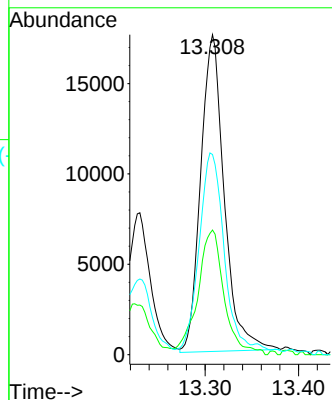
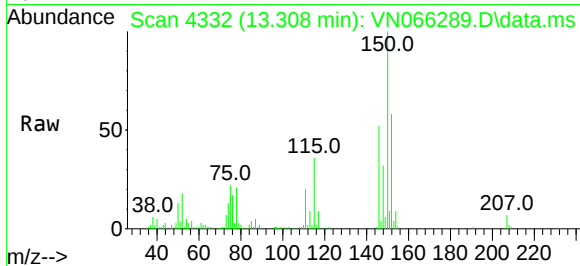




#88  
1,4-Dichlorobenzene  
Concen: 6.15 ug/l  
RT: 13.308 min Scan# 4332  
Delta R.T. 0.003 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

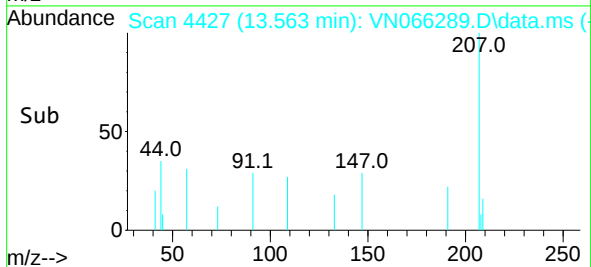
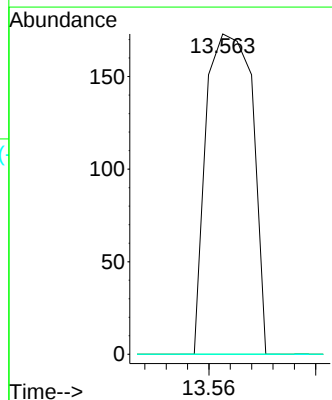
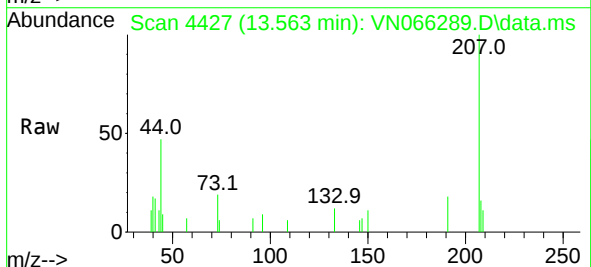
Instrument :  
MSVOA\_N  
ClientSampled :  
99-2

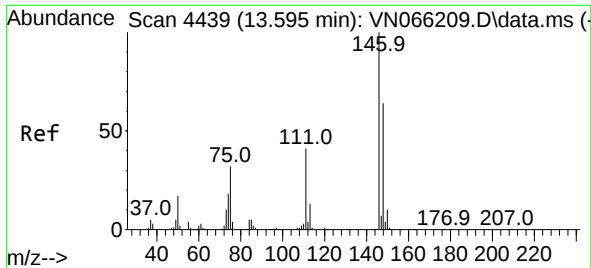
Tgt Ion:146 Resp: 30673  
Ion Ratio Lower Upper  
146 100  
111 44.2 19.9 59.7  
148 64.2 33.2 99.6



#89  
n-Butylbenzene  
Concen: 2.25 ug/l  
RT: 13.563 min Scan# 4427  
Delta R.T. 0.006 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

Tgt Ion: 91 Resp: 104  
Ion Ratio Lower Upper  
91 100  
92 0.0 25.7 77.0#  
134 0.0 11.8 35.4#

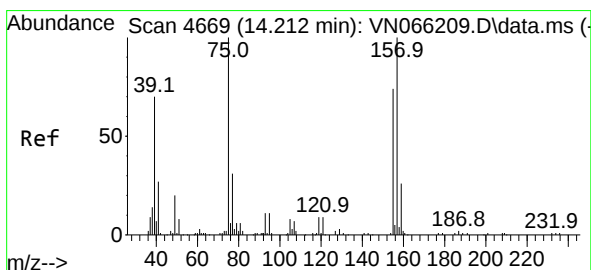
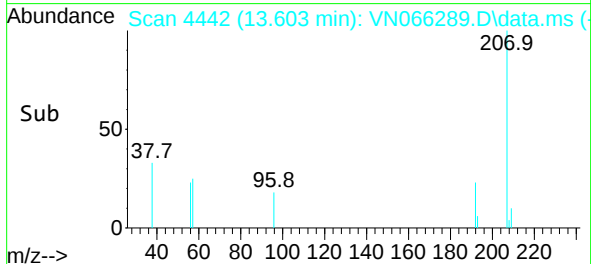
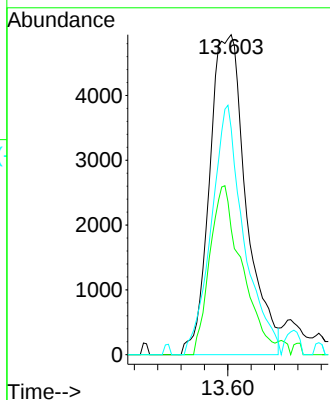
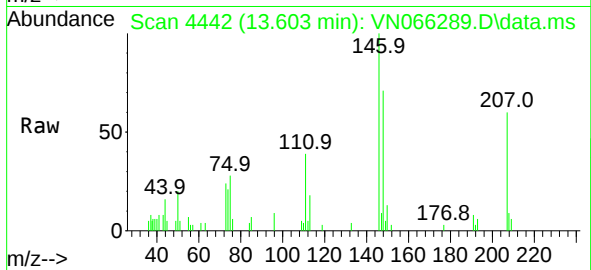




#91  
1,2-Dichlorobenzene  
Concen: 2.28 ug/l  
RT: 13.603 min Scan# 4442  
Delta R.T. 0.008 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

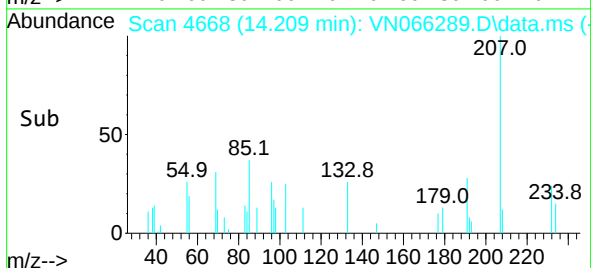
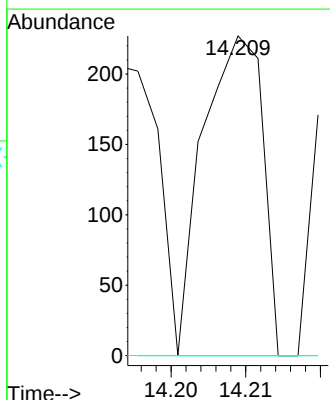
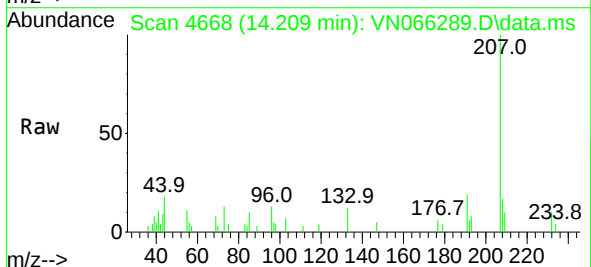
Instrument :  
MSVOA\_N  
ClientSampled :  
99-2

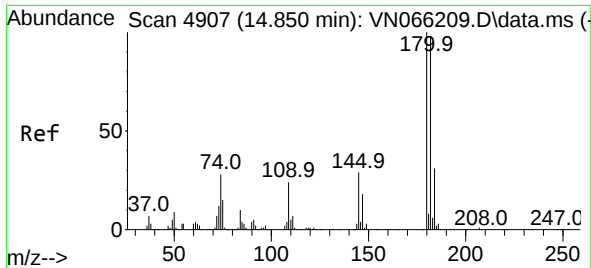
Tgt Ion:146 Resp: 10712  
Ion Ratio Lower Upper  
146 100  
111 46.6 20.9 62.7  
148 69.4 31.2 93.6



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.98 ug/l  
RT: 14.209 min Scan# 4668  
Delta R.T. -0.003 min  
Lab File: VN066289.D  
Acq: 19 Mar 2021 18:35

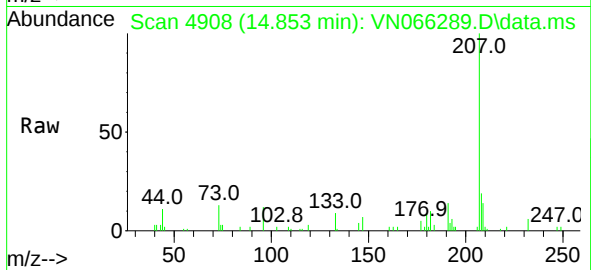
Tgt Ion: 75 Resp: 126  
Ion Ratio Lower Upper  
75 100  
155 0.0 36.5 109.7#  
157 0.0 46.3 138.8#





#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.82 ug/l  
 RT: 14.853 min Scan# 4908  
 Delta R.T. 0.003 min  
 Lab File: VN066289.D  
 Acq: 19 Mar 2021 18:35

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 99-2



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 2502  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 91.8  | 47.4  | 142.2 |
| 145      | 34.2  | 14.1  | 42.3  |

