

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN022421\  
 Data File : VN065992.D  
 Acq On : 24 Feb 2021 10:03  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Feb 25 02:09:42 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021721W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 17 15:48:13 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.624  | 168  | 110583   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.547  | 114  | 186830   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.376 | 117  | 172573   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.315 | 152  | 81887    | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 7.988  | 65    | 78371    | 50.68    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 101.36% |
| 35) Dibromofluoromethane    | 7.550  | 113   | 57441    | 49.68    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 99.36%  |
| 50) Toluene-d8              | 10.058 | 98    | 226810   | 47.79    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 95.58%  |
| 62) 4-Bromofluorobenzene    | 12.373 | 95    | 89947    | 50.48    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 100.96% |

|                              |       |     |        |        |          |
|------------------------------|-------|-----|--------|--------|----------|
| Target Compounds             |       |     |        |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.850 | 85  | 65415  | 45.18  | ug/l 100 |
| 3) Chloromethane             | 2.055 | 50  | 74225  | 40.92  | ug/l 98  |
| 4) Vinyl Chloride            | 2.184 | 62  | 77160  | 43.18  | ug/l 98  |
| 5) Bromomethane              | 2.544 | 94  | 49973  | 45.65  | ug/l 96  |
| 6) Chloroethane              | 2.689 | 64  | 42249  | 41.90  | ug/l 96  |
| 7) Trichlorofluoromethane    | 3.004 | 101 | 107629 | 48.37  | ug/l 99  |
| 8) Diethyl Ether             | 3.390 | 74  | 37708  | 46.18  | ug/l 94  |
| 9) 1,1,2-Trichlorotrifluo... | 3.731 | 101 | 53542  | 45.49  | ug/l 99  |
| 10) Methyl Iodide            | 3.923 | 142 | 77641  | 42.24  | ug/l 96  |
| 11) Tert butyl alcohol       | 4.743 | 59  | 58258  | 270.94 | ug/l 99  |
| 12) 1,1-Dichloroethene       | 3.711 | 96  | 55413  | 44.62  | ug/l 94  |
| 13) Acrolein                 | 3.579 | 56  | 43545  | 221.29 | ug/l 98  |
| 14) Allyl chloride           | 4.287 | 41  | 96393  | 45.46  | ug/l 100 |
| 15) Acrylonitrile            | 4.939 | 53  | 140097 | 234.96 | ug/l 97  |
| 16) Acetone                  | 3.785 | 43  | 132524 | 272.96 | ug/l 96  |
| 17) Carbon Disulfide         | 4.023 | 76  | 156135 | 44.14  | ug/l 100 |
| 18) Methyl Acetate           | 4.290 | 43  | 60208  | 47.12  | ug/l 97  |
| 19) Methyl tert-butyl Ether  | 5.001 | 73  | 203789 | 51.00  | ug/l 99  |
| 20) Methylene Chloride       | 4.515 | 84  | 63247  | 44.11  | ug/l 98  |
| 21) trans-1,2-Dichloroethene | 5.001 | 96  | 62921  | 48.20  | ug/l 97  |
| 22) Diisopropyl ether        | 5.907 | 45  | 189213 | 44.62  | ug/l 98  |
| 23) Vinyl Acetate            | 5.849 | 43  | 789705 | 237.39 | ug/l 99  |
| 24) 1,1-Dichloroethane       | 5.804 | 63  | 113594 | 46.36  | ug/l 98  |
| 25) 2-Butanone               | 6.788 | 43  | 181900 | 237.63 | ug/l 100 |
| 26) 2,2-Dichloropropane      | 6.779 | 77  | 109677 | 57.06  | ug/l 96  |
| 27) cis-1,2-Dichloroethene   | 6.782 | 96  | 73034  | 49.12  | ug/l 96  |
| 28) Bromochloromethane       | 7.152 | 49  | 48901  | 43.30  | ug/l 98  |
| 29) Tetrahydrofuran          | 7.168 | 42  | 113206 | 214.81 | ug/l 96  |
| 30) Chloroform               | 7.332 | 83  | 120017 | 49.58  | ug/l 99  |
| 31) Cyclohexane              | 7.615 | 56  | 98048  | 42.52  | ug/l 97  |
| 32) 1,1,1-Trichloroethane    | 7.528 | 97  | 108905 | 53.64  | ug/l 99  |
| 36) 1,1-Dichloropropene      | 7.753 | 75  | 88864  | 48.24  | ug/l 99  |
| 37) Ethyl Acetate            | 6.882 | 43  | 74532  | 44.80  | ug/l 96  |
| 38) Carbon Tetrachloride     | 7.734 | 117 | 91272  | 53.31  | ug/l 99  |
| 39) Methylcyclohexane        | 9.045 | 83  | 99567  | 48.10  | ug/l 98  |
| 40) Benzene                  | 8.004 | 78  | 265171 | 46.91  | ug/l 100 |

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Feb 25 02:09:42 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021721W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 17 15:48:13 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.123  | 41   | 33149    | 41.16   | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.084  | 62   | 98212    | 52.87   | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.126  | 43   | 134463   | 50.72   | ug/l   | 100      |
| 44) Trichloroethene           | 8.801  | 130  | 72078    | 51.56   | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.081  | 63   | 68761    | 47.51   | ug/l   | 99       |
| 46) Dibromomethane            | 9.171  | 93   | 44800    | 50.81   | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.367  | 83   | 98299    | 54.76   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.161  | 41   | 64127    | 47.74   | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.161  | 88   | 24250    | 1059.49 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone      | 9.949  | 43   | 370211   | 229.48  | ug/l   | 99       |
| 52) Toluene                   | 10.123 | 92   | 171644   | 49.45   | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 10.348 | 75   | 117011   | 52.59   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 9.804  | 75   | 120286   | 54.04   | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.531 | 97   | 64712    | 49.81   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.396 | 69   | 98629    | 50.49   | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.676 | 76   | 111586   | 48.73   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.660  | 63   | 199363   | 213.79  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.721 | 43   | 266742   | 232.13  | ug/l   | 98       |
| 60) Dibromochloromethane      | 10.872 | 129  | 74098    | 55.81   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 10.975 | 107  | 67784    | 51.36   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.598 | 164  | 71105    | 53.37   | ug/l   | 96       |
| 65) Chlorobenzene             | 11.402 | 112  | 182723   | 50.63   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.479 | 131  | 69537    | 56.10   | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.479 | 91   | 330751   | 50.64   | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.592 | 106  | 252453   | 103.58  | ug/l   | 96       |
| 69) o-Xylene                  | 11.917 | 106  | 122229   | 52.01   | ug/l   | 97       |
| 70) Styrene                   | 11.933 | 104  | 206769   | 53.44   | ug/l   | 96       |
| 71) Bromoform                 | 12.097 | 173  | 48643    | 51.40   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.219 | 105  | 319931   | 47.87   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.042 | 43   | 104092   | 44.90   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.476 | 83   | 87281    | 44.26   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.524 | 75   | 120120   | 61.06   | ug/l # | 100      |
| 77) Bromobenzene              | 12.495 | 156  | 75968    | 49.68   | ug/l   | 89       |
| 78) n-propylbenzene           | 12.563 | 91   | 361478   | 47.56   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.643 | 91   | 225892   | 47.42   | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.704 | 105  | 280679   | 49.43   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.270 | 75   | 32055    | 51.93   | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 12.743 | 91   | 236167   | 49.10   | ug/l   | 97       |
| 83) tert-Butylbenzene         | 12.965 | 119  | 230602   | 49.16   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.010 | 105  | 279683   | 49.07   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.142 | 105  | 293325   | 48.16   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.261 | 119  | 274788   | 49.69   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.254 | 146  | 135619   | 50.11   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.335 | 146  | 141022   | 51.01   | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.585 | 91   | 236297   | 50.68   | ug/l   | 99       |
| 90) Hexachloroethane          | 13.846 | 117  | 39437    | 42.12   | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.624 | 146  | 135534   | 49.94   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.241 | 75   | 20749    | 53.33   | ug/l   | 84       |
| 93) 1,2,4-Trichlorobenzene    | 14.878 | 180  | 81093    | 55.11   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 14.978 | 225  | 32900    | 52.23   | ug/l   | 98       |
| 95) Naphthalene               | 15.100 | 128  | 252564   | 52.98   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.280 | 180  | 80285    | 54.68   | ug/l   | 98       |

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QLast Update : Wed Feb 17 15:48:13 2021  
Response via : Initial Calibration

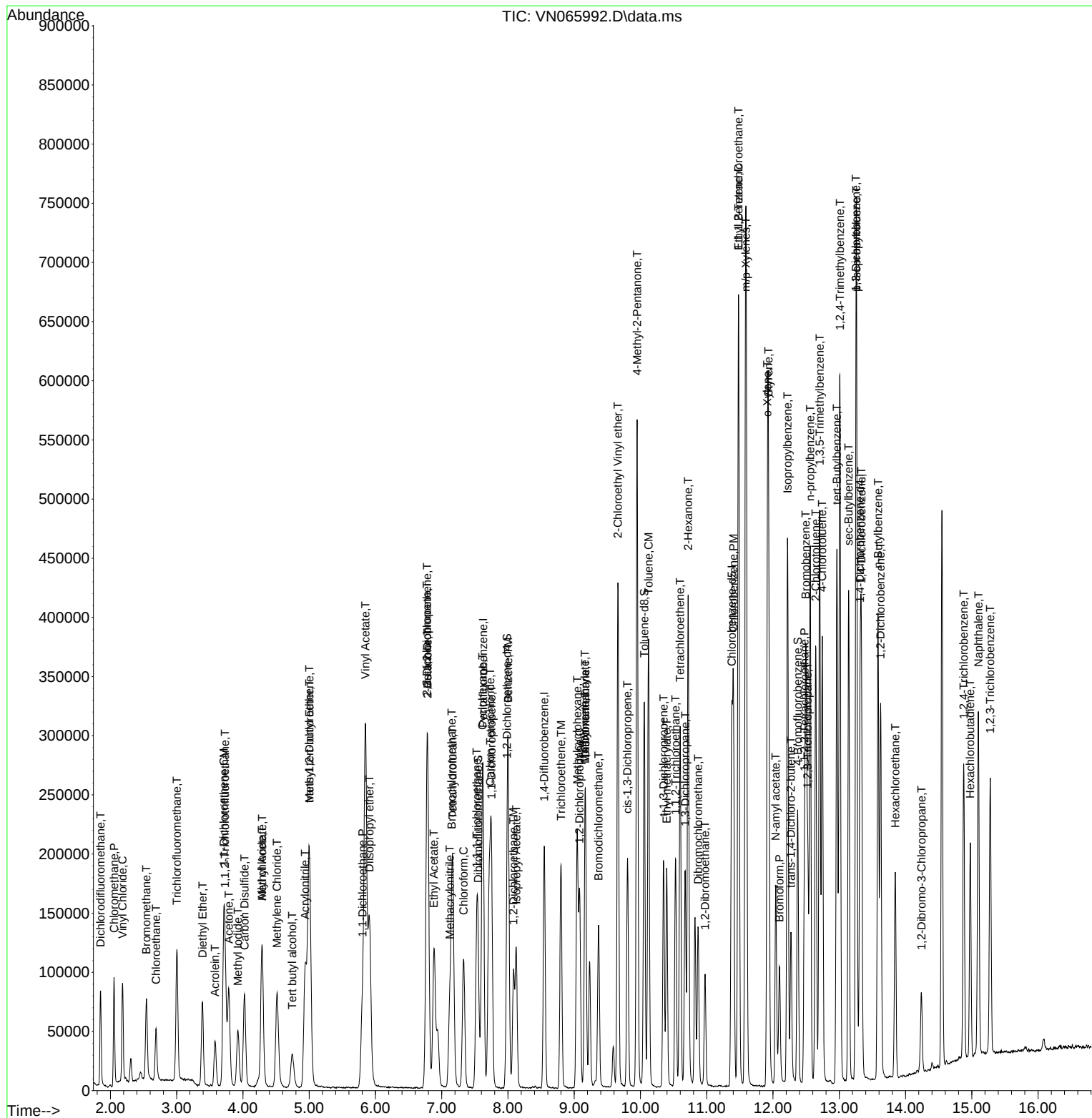
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

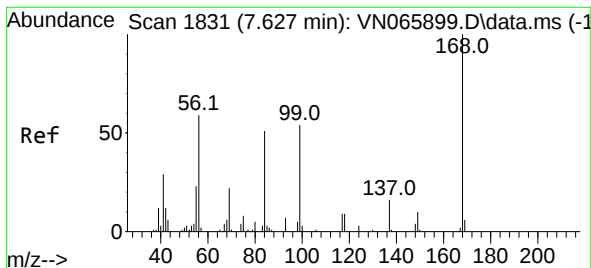
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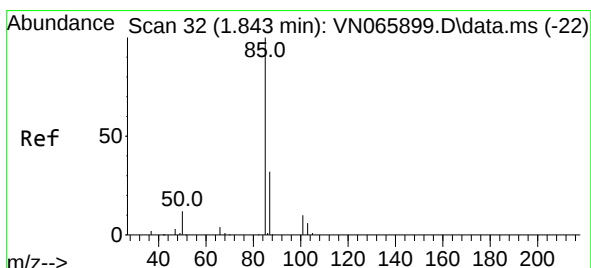
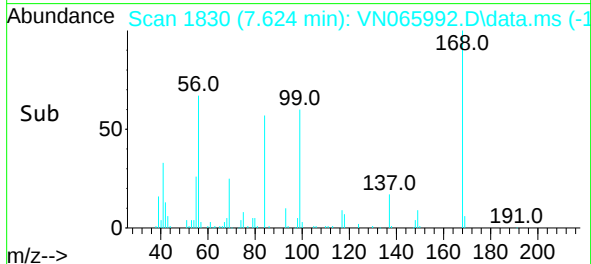
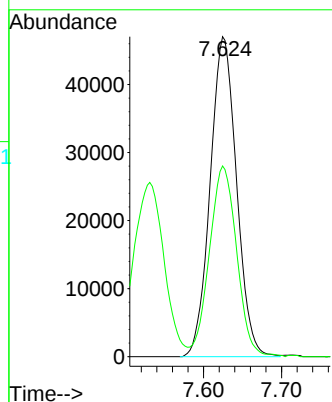
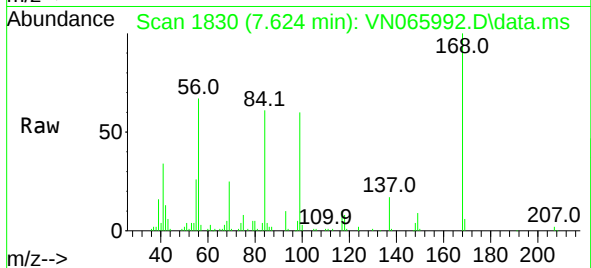




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.624 min Scan# 1830  
Delta R.T. -0.003 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

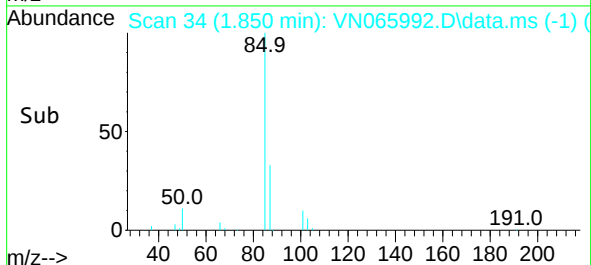
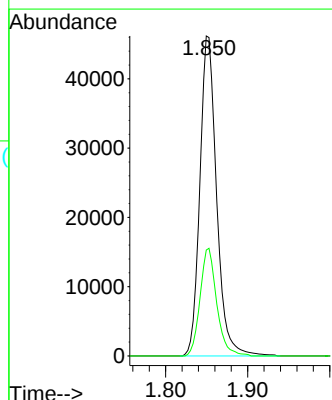
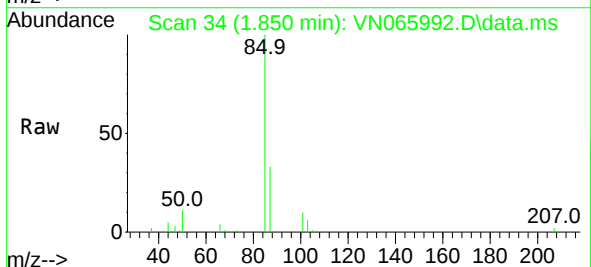
Instrument :  
MSVOA\_N  
ClientSampled :

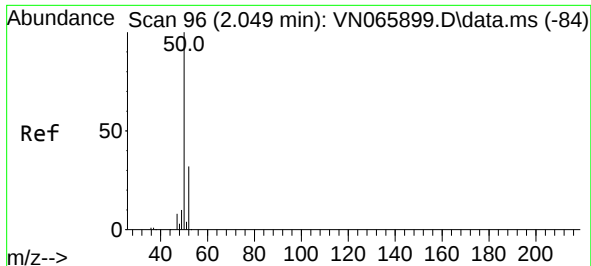
Tgt Ion:168 Resp: 110583  
Ion Ratio Lower Upper  
168 100  
99 59.2 42.6 63.8



#2  
Dichlorodifluoromethane  
Concen: 45.18 ug/l  
RT: 1.850 min Scan# 34  
Delta R.T. 0.007 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion: 85 Resp: 65415  
Ion Ratio Lower Upper  
85 100  
87 33.1 16.6 49.8

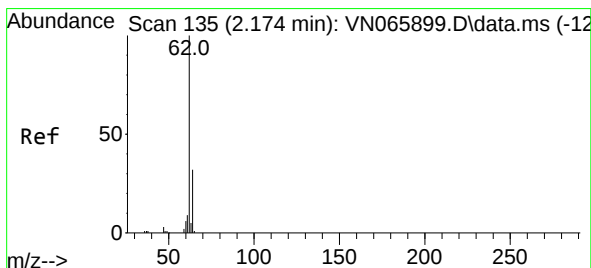
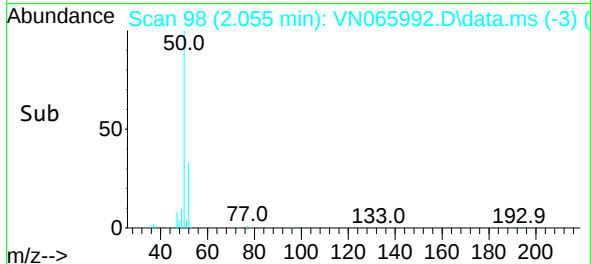
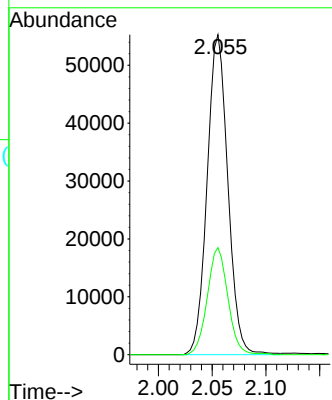
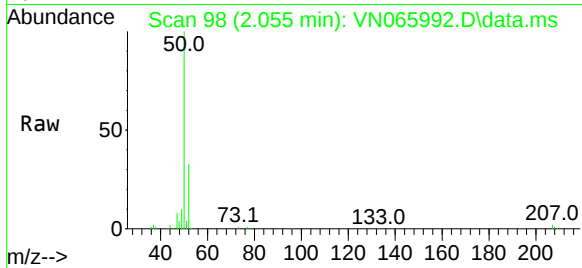




#3  
Chloromethane  
Concen: 40.92 ug/l  
RT: 2.055 min Scan# 98  
Delta R.T. 0.006 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

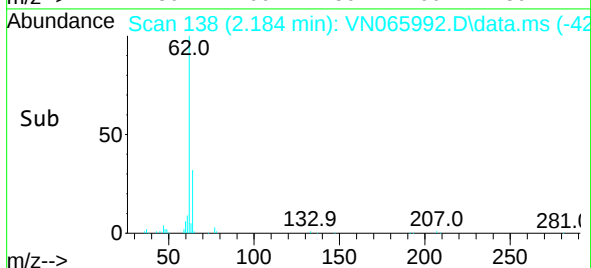
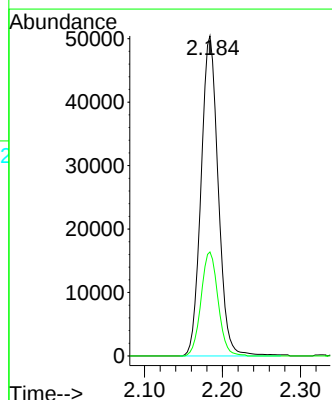
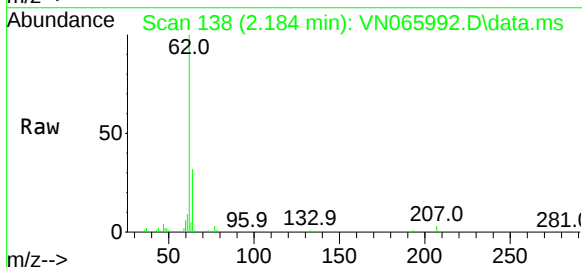
Instrument :  
MSVOA\_N  
ClientSampled :

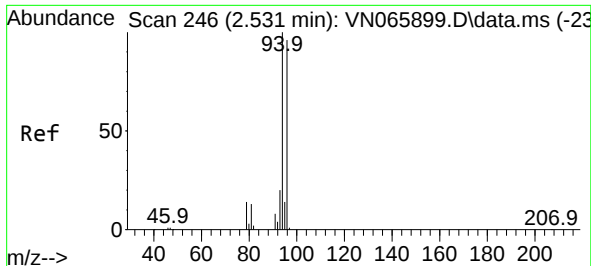
Tgt Ion: 50 Resp: 74225  
Ion Ratio Lower Upper  
50 100  
52 33.5 25.8 38.8



#4  
Vinyl Chloride  
Concen: 43.18 ug/l  
RT: 2.184 min Scan# 138  
Delta R.T. 0.010 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

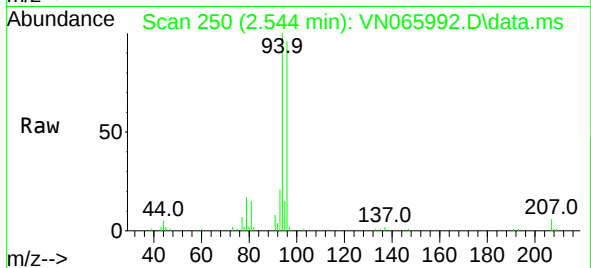
Tgt Ion: 62 Resp: 77160  
Ion Ratio Lower Upper  
62 100  
64 32.5 25.1 37.7



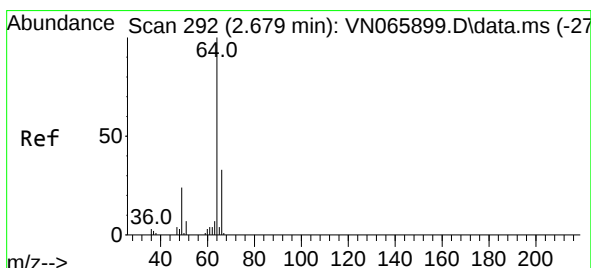
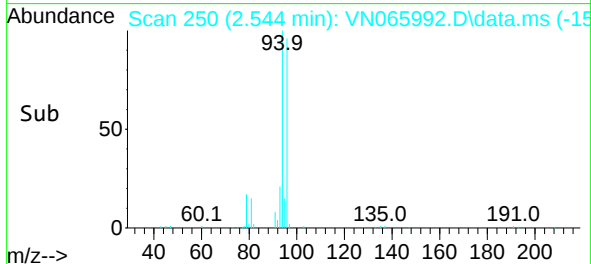
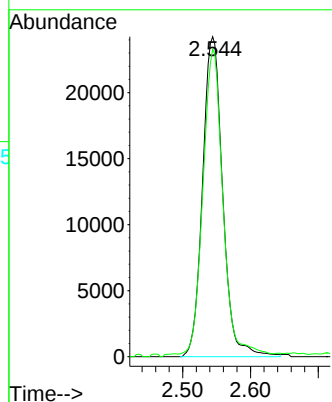


#5  
Bromomethane  
Concen: 45.65 ug/l  
RT: 2.544 min Scan# 250  
Delta R.T. 0.013 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Instrument :  
MSVOA\_N  
ClientSampled :

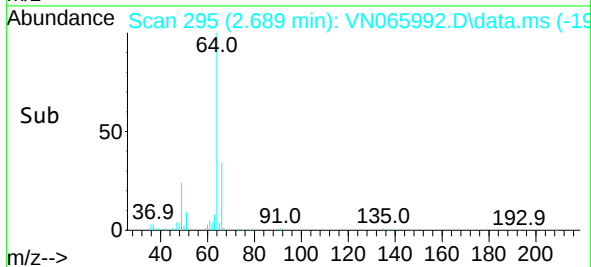
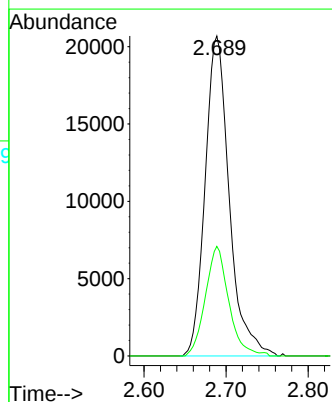
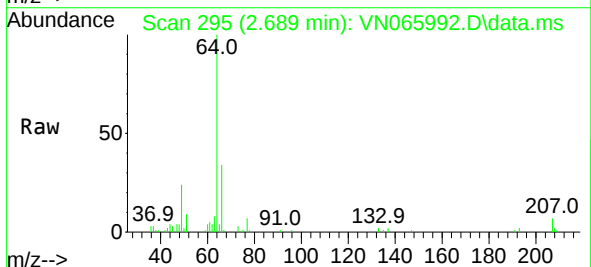


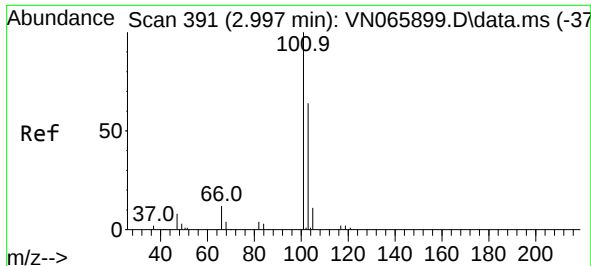
Tgt Ion: 94 Resp: 49973  
Ion Ratio Lower Upper  
94 100  
96 95.2 73.0 109.4



#6  
Chloroethane  
Concen: 41.90 ug/l  
RT: 2.689 min Scan# 295  
Delta R.T. 0.010 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion: 64 Resp: 42249  
Ion Ratio Lower Upper  
64 100  
66 34.2 25.4 38.2

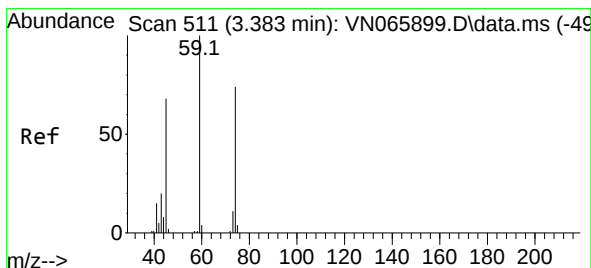
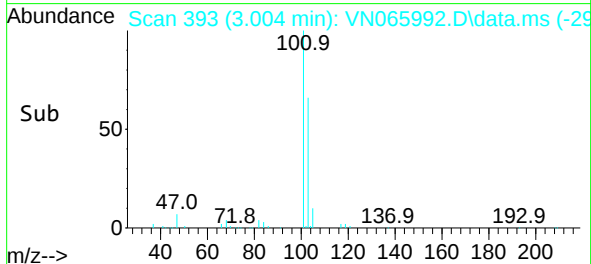
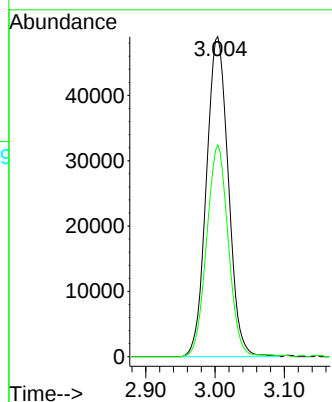
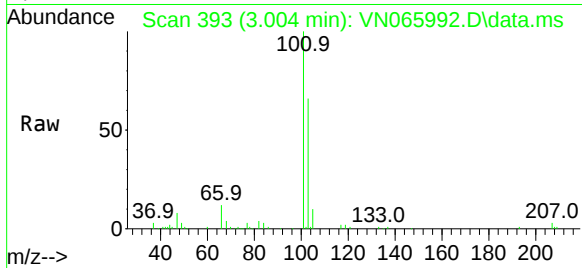




#7  
Trichlorofluoromethane  
Concen: 48.37 ug/l  
RT: 3.004 min Scan# 393  
Delta R.T. 0.007 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

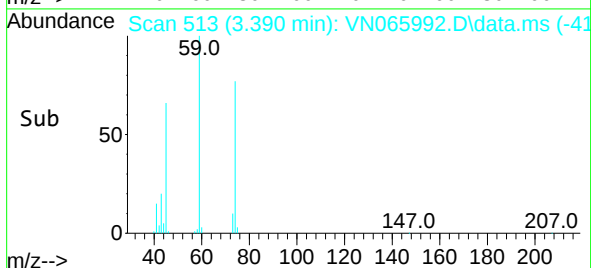
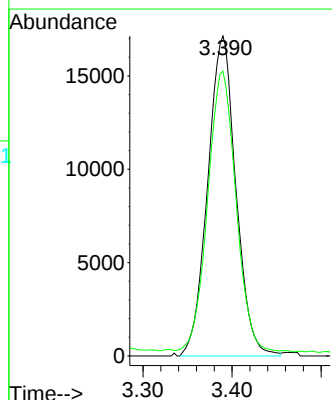
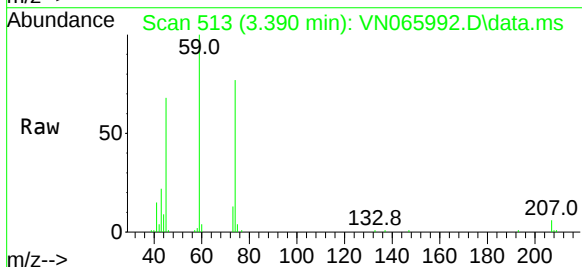
Instrument :  
MSVOA\_N  
ClientSampleId :

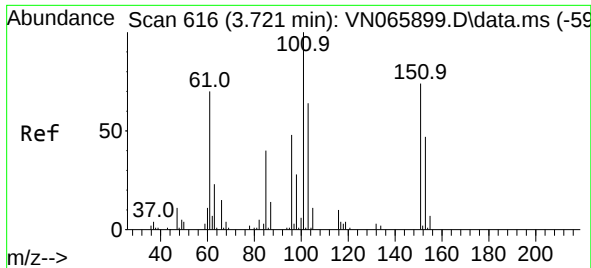
Tgt Ion:101 Resp: 107629  
Ion Ratio Lower Upper  
101 100  
103 66.2 52.1 78.1



#8  
Diethyl Ether  
Concen: 46.18 ug/l  
RT: 3.390 min Scan# 513  
Delta R.T. 0.007 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion: 74 Resp: 37708  
Ion Ratio Lower Upper  
74 100  
45 86.7 46.4 139.1

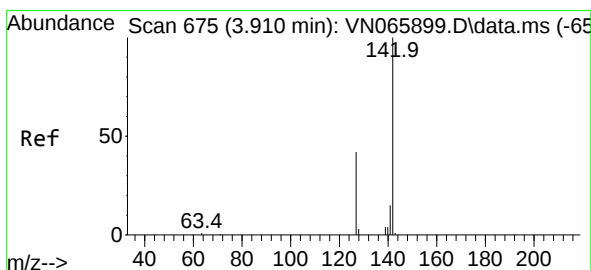
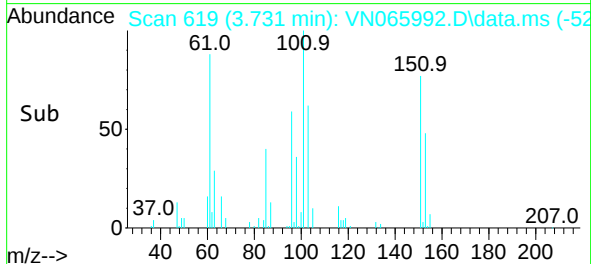
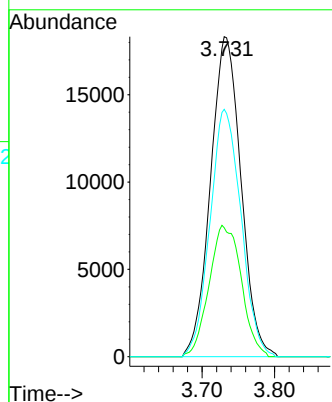
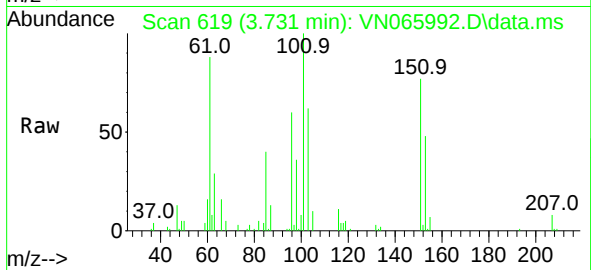




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 45.49 ug/l  
RT: 3.731 min Scan# 619  
Delta R.T. 0.010 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

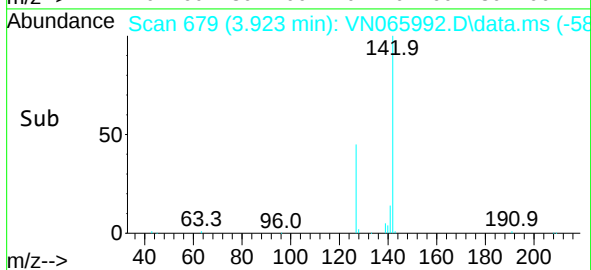
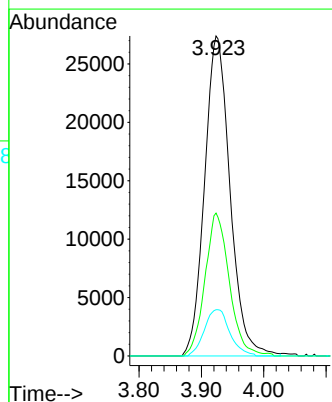
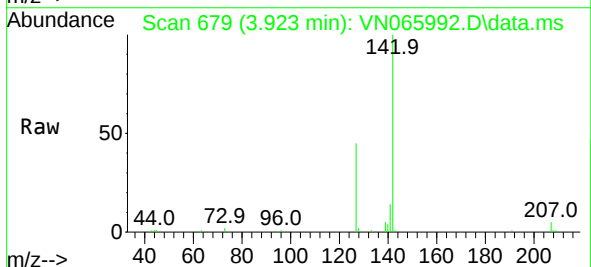
Instrument :  
MSVOA\_N  
ClientSampled :

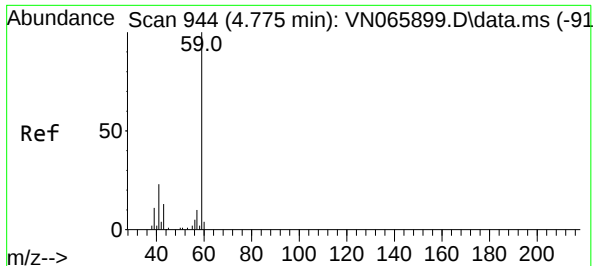
Tgt Ion:101 Resp: 53542  
Ion Ratio Lower Upper  
101 100  
85 43.3 34.6 51.8  
151 78.7 63.5 95.3



#10  
Methyl Iodide  
Concen: 42.24 ug/l  
RT: 3.923 min Scan# 679  
Delta R.T. 0.013 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion:142 Resp: 77641  
Ion Ratio Lower Upper  
142 100  
127 42.6 31.7 47.5  
141 14.5 10.9 16.3

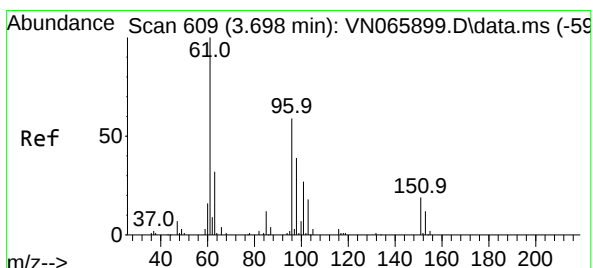
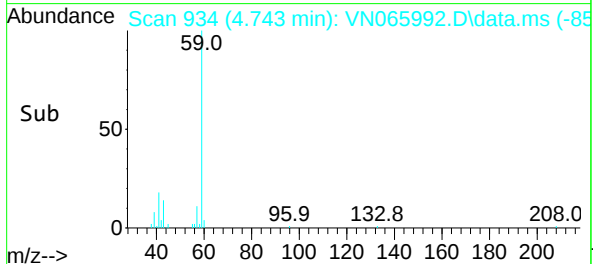
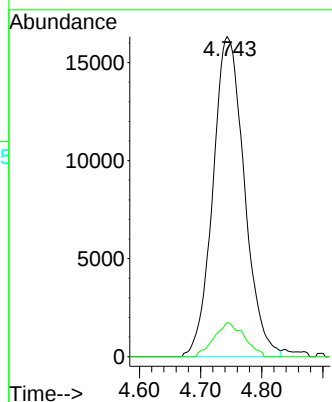
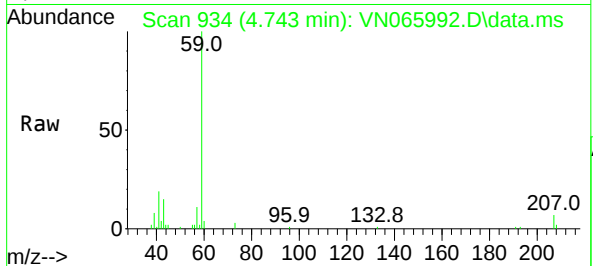




#11  
Tert butyl alcohol  
Concen: 270.94 ug/l  
RT: 4.743 min Scan# 934  
Delta R.T. -0.032 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

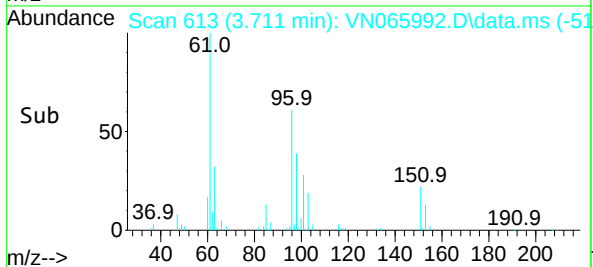
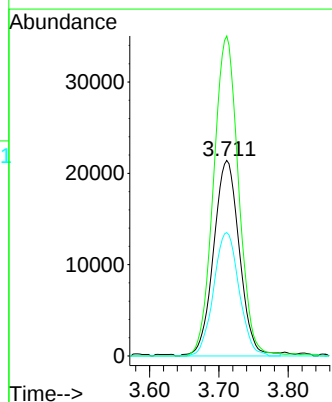
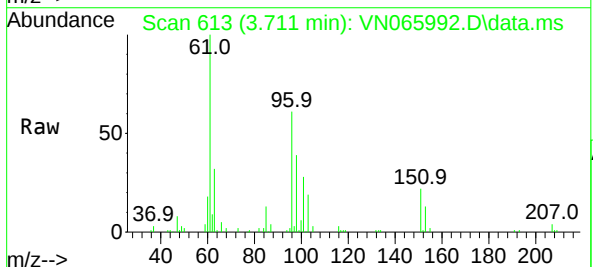
Instrument :  
MSVOA\_N  
ClientSampled :

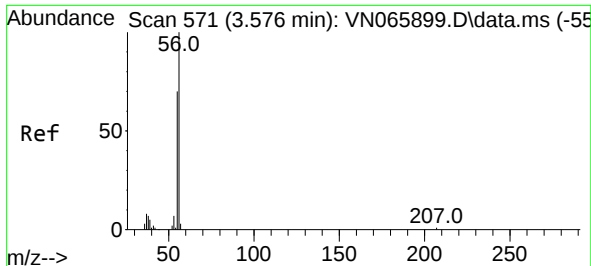
Tgt Ion: 59 Resp: 58258  
Ion Ratio Lower Upper  
59 100  
57 10.2 8.0 12.0



#12  
1,1-Dichloroethene  
Concen: 44.62 ug/l  
RT: 3.711 min Scan# 613  
Delta R.T. 0.013 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion: 96 Resp: 55413  
Ion Ratio Lower Upper  
96 100  
61 163.7 122.5 183.7  
98 63.1 50.8 76.2

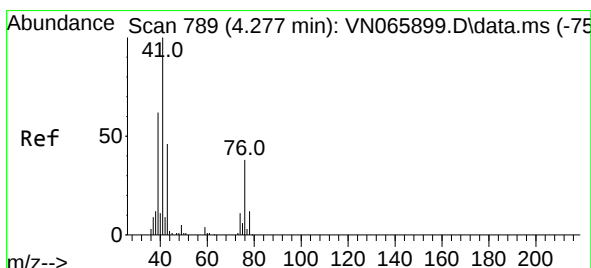
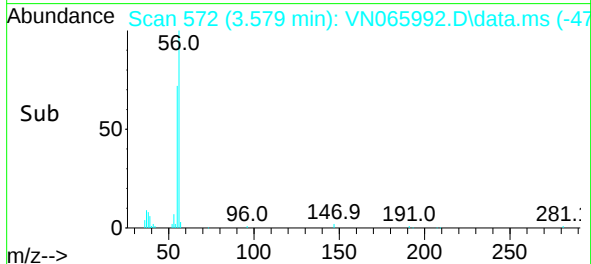
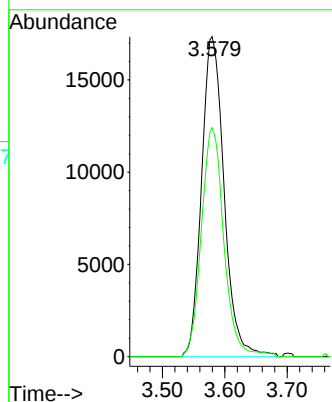
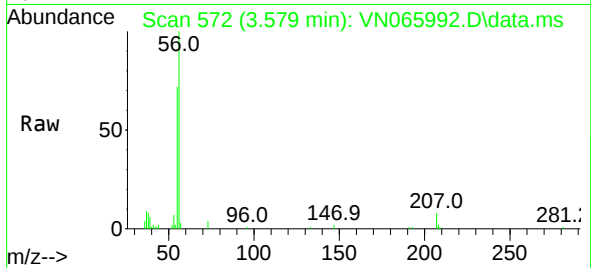




#13  
Acrolein  
Concen: 221.29 ug/l  
RT: 3.579 min Scan# 572  
Delta R.T. 0.003 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

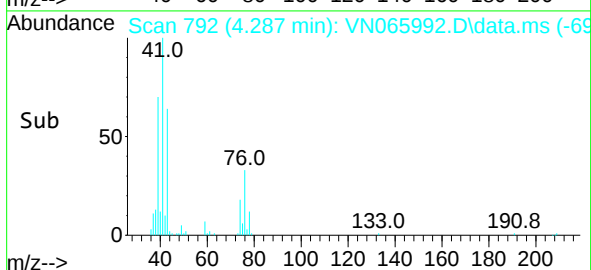
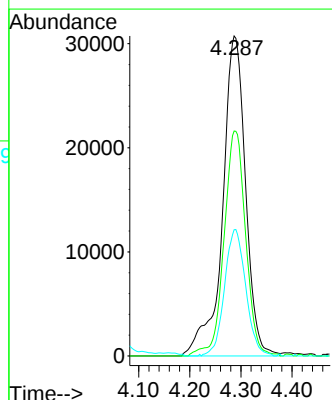
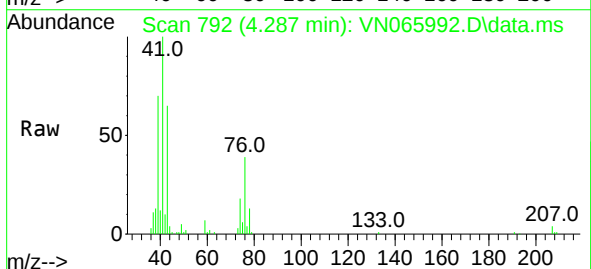
Instrument :  
MSVOA\_N  
ClientSampled :

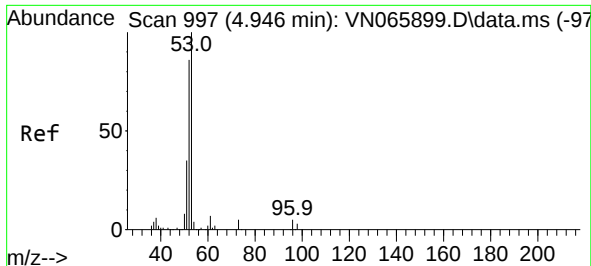
Tgt Ion: 56 Resp: 43545  
Ion Ratio Lower Upper  
56 100  
55 71.6 56.0 84.0



#14  
Allyl chloride  
Concen: 45.46 ug/l  
RT: 4.287 min Scan# 792  
Delta R.T. 0.010 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion: 41 Resp: 96393  
Ion Ratio Lower Upper  
41 100  
39 65.8 53.0 79.4  
76 36.4 28.9 43.3

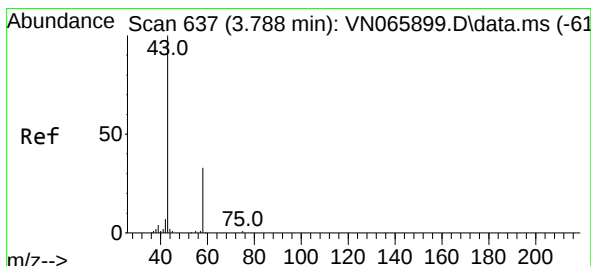
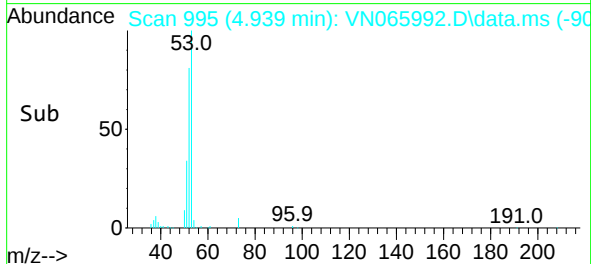
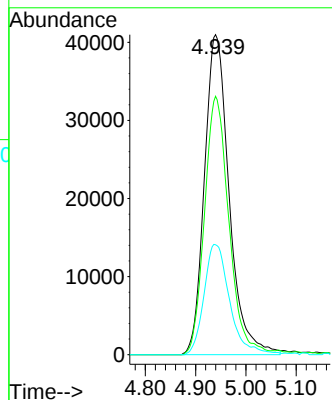
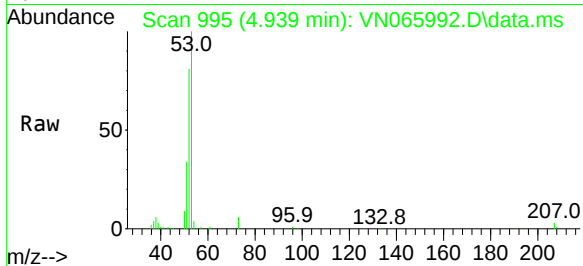




#15  
Acrylonitrile  
Concen: 234.96 ug/l  
RT: 4.939 min Scan# 995  
Delta R.T. -0.007 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

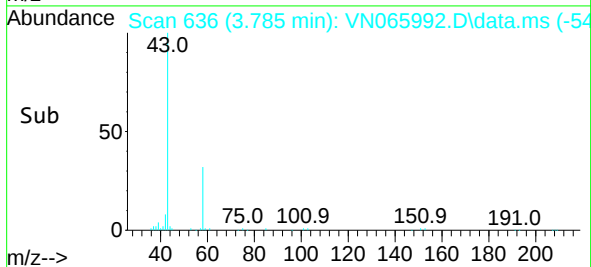
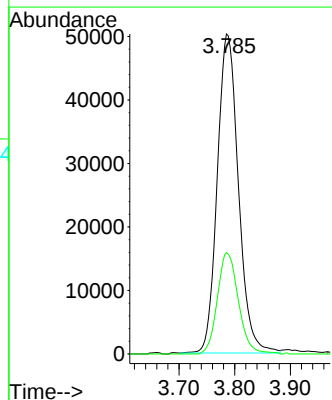
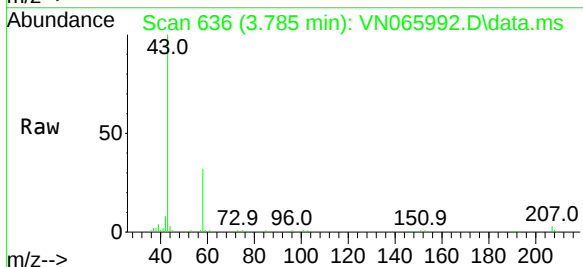
Instrument :  
MSVOA\_N  
ClientSampled :

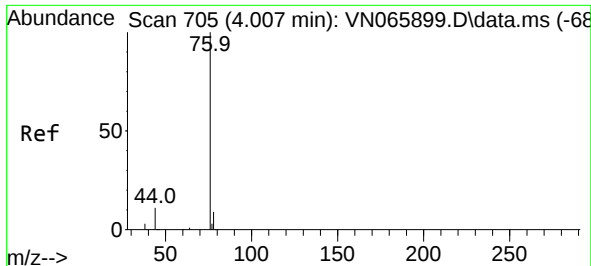
Tgt Ion: 53 Resp: 140097  
Ion Ratio Lower Upper  
53 100  
52 79.4 66.1 99.1  
51 35.7 27.9 41.9



#16  
Acetone  
Concen: 272.96 ug/l  
RT: 3.785 min Scan# 636  
Delta R.T. -0.003 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion: 43 Resp: 132524  
Ion Ratio Lower Upper  
43 100  
58 31.8 27.0 40.6

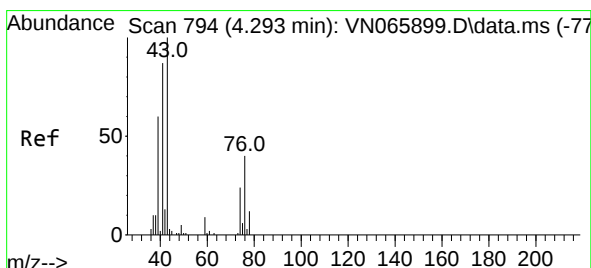
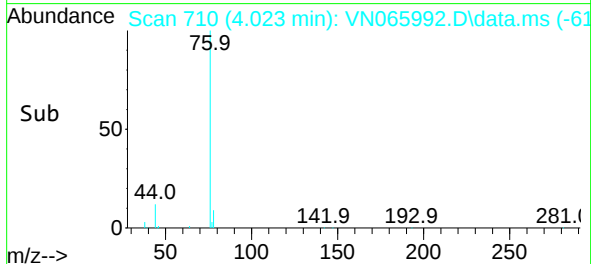
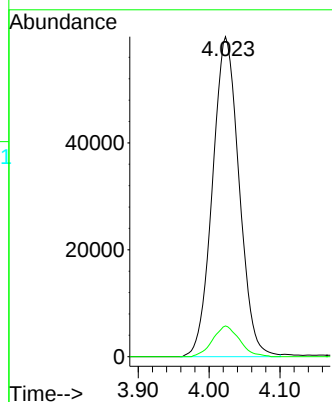
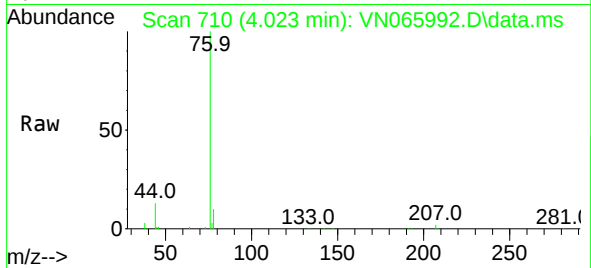




#17  
Carbon Disulfide  
Concen: 44.14 ug/l  
RT: 4.023 min Scan# 710  
Delta R.T. 0.016 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

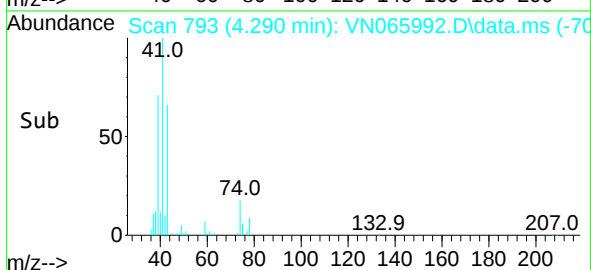
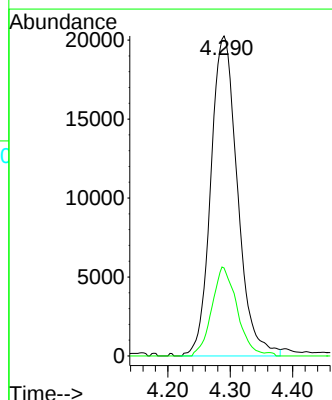
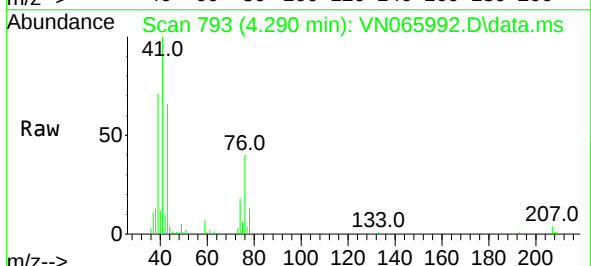
Instrument :  
MSVOA\_N  
ClientSampled :

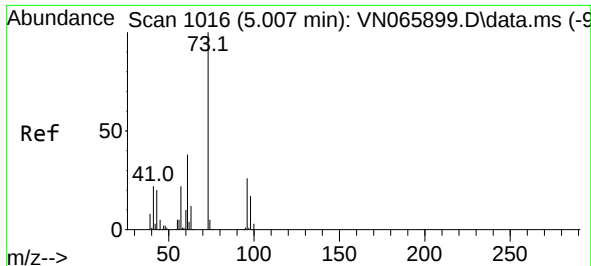
Tgt Ion: 76 Resp: 156135  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.8 11.6



#18  
Methyl Acetate  
Concen: 47.12 ug/l  
RT: 4.290 min Scan# 793  
Delta R.T. -0.003 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion: 43 Resp: 60208  
Ion Ratio Lower Upper  
43 100  
74 26.1 19.5 29.3

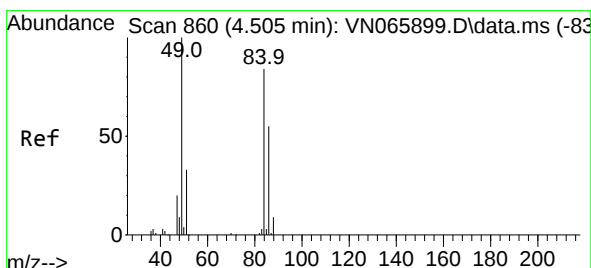
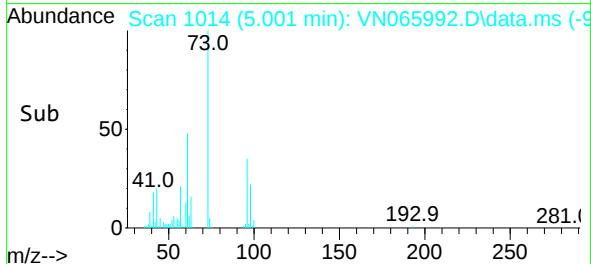
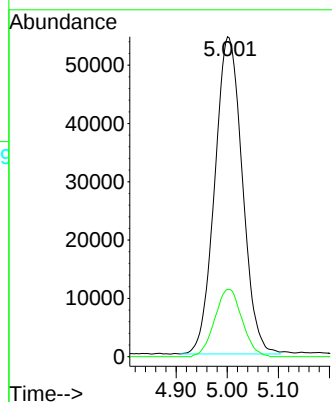
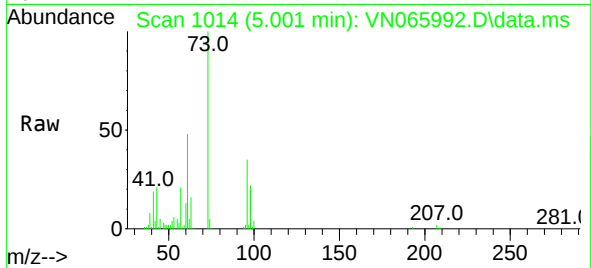




#19  
Methyl tert-butyl Ether  
Concen: 51.00 ug/l  
RT: 5.001 min Scan# 1014  
Delta R.T. -0.006 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

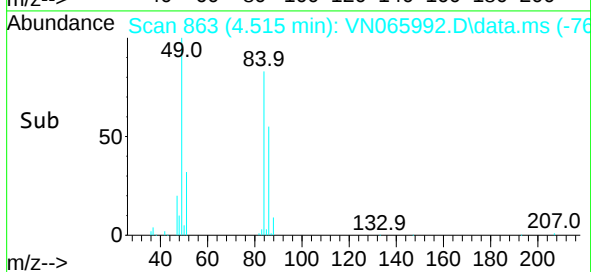
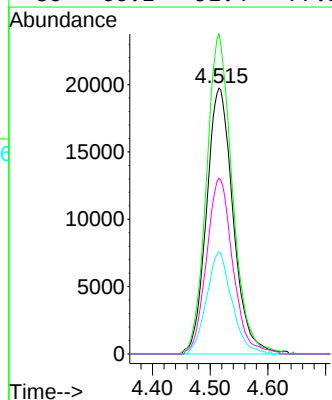
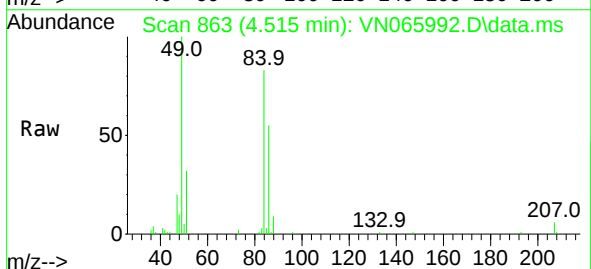
Instrument :  
MSVOA\_N  
ClientSampled :

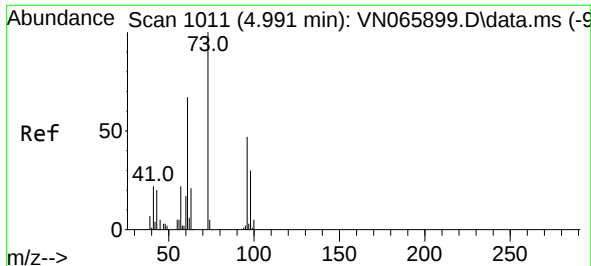
Tgt Ion: 73 Resp: 203789  
Ion Ratio Lower Upper  
73 100  
57 21.3 17.3 25.9



#20  
Methylene Chloride  
Concen: 44.11 ug/l  
RT: 4.515 min Scan# 863  
Delta R.T. 0.010 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion: 84 Resp: 63247  
Ion Ratio Lower Upper  
84 100  
49 120.4 94.6 141.8  
51 38.4 29.9 44.9  
86 66.1 51.4 77.2

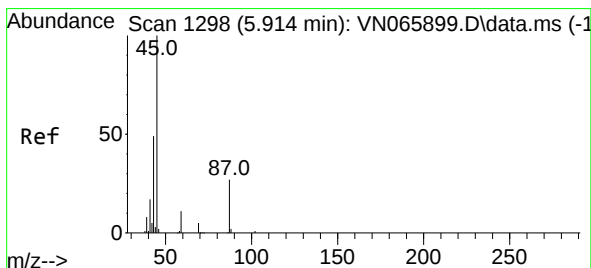
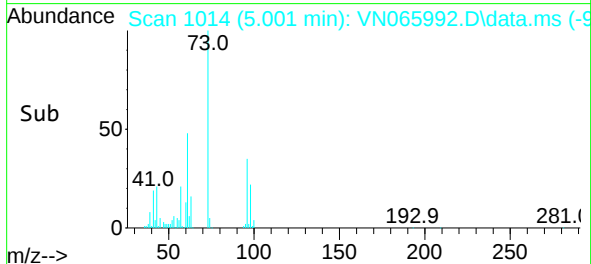
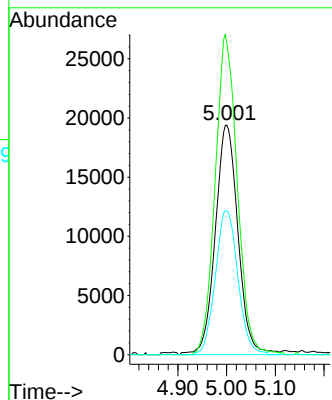
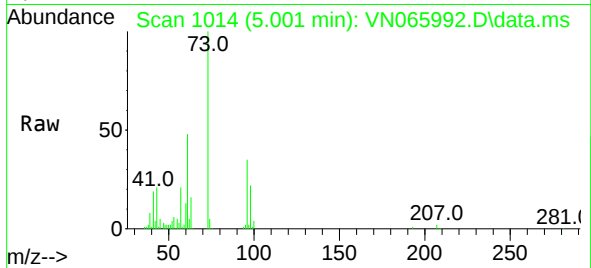




#21  
trans-1,2-Dichloroethene  
Concen: 48.20 ug/l  
RT: 5.001 min Scan# 1014  
Delta R.T. 0.010 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

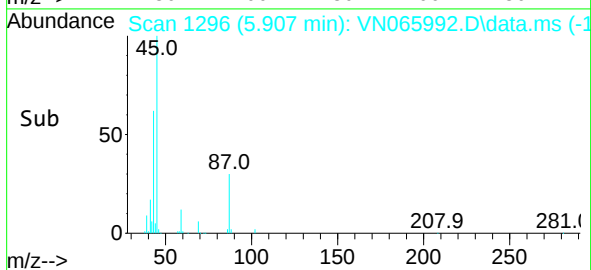
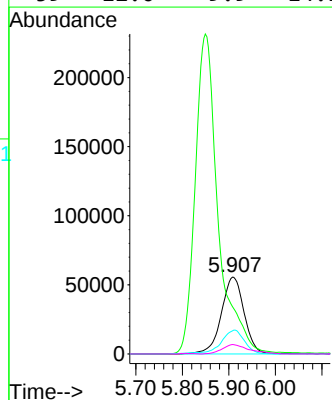
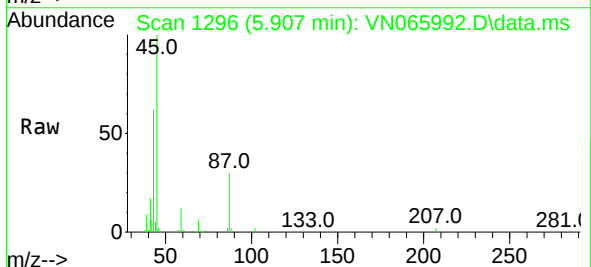
Instrument :  
MSVOA\_N  
ClientSampled :

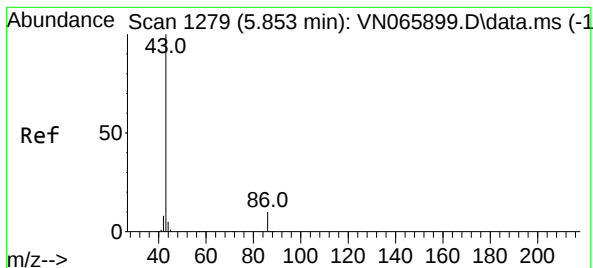
Tgt Ion: 96 Resp: 62921  
Ion Ratio Lower Upper  
96 100  
61 135.6 104.9 157.3  
98 62.7 51.8 77.8



#22  
Diisopropyl ether  
Concen: 44.62 ug/l  
RT: 5.907 min Scan# 1296  
Delta R.T. -0.007 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion: 45 Resp: 189213  
Ion Ratio Lower Upper  
45 100  
43 59.6 48.9 73.3  
87 30.0 23.7 35.5  
59 12.0 9.9 14.9





#23

Vinyl Acetate

Concen: 237.39 ug/l

RT: 5.849 min Scan# 1278

Delta R.T. -0.004 min

Lab File: VN065992.D

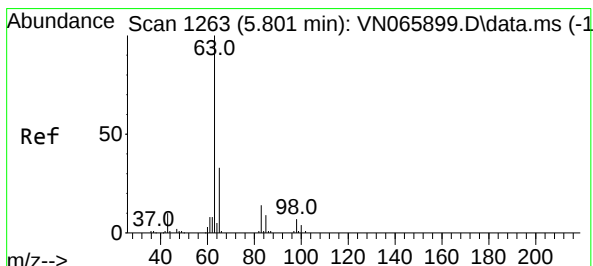
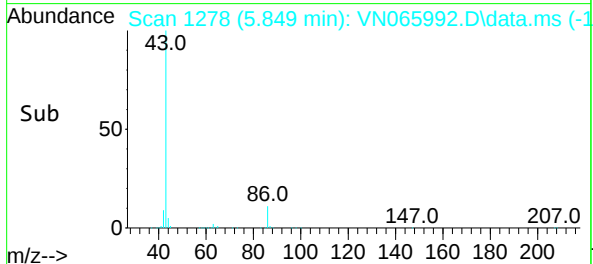
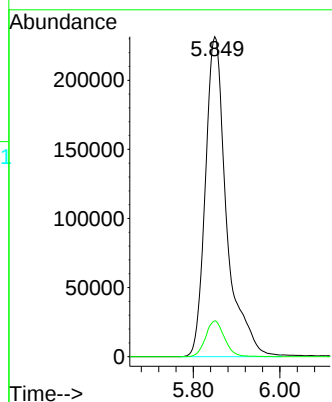
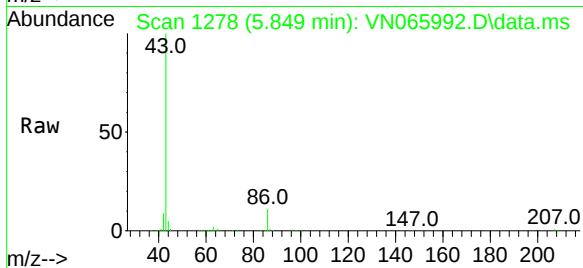
Acq: 24 Feb 2021 10:03

Tgt Ion: 43 Resp: 789705

Ion Ratio Lower Upper

43 100

86 11.2 8.6 13.0



#24

1,1-Dichloroethane

Concen: 46.36 ug/l

RT: 5.804 min Scan# 1264

Delta R.T. 0.003 min

Lab File: VN065992.D

Acq: 24 Feb 2021 10:03

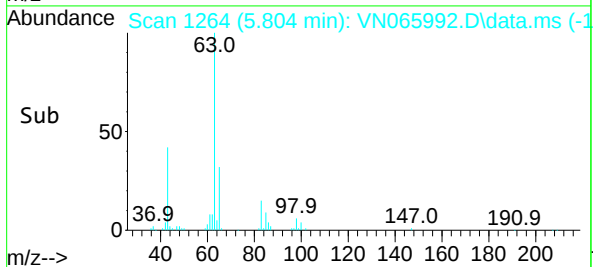
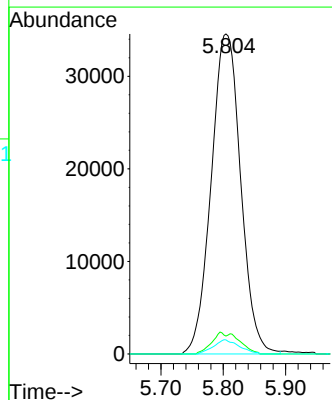
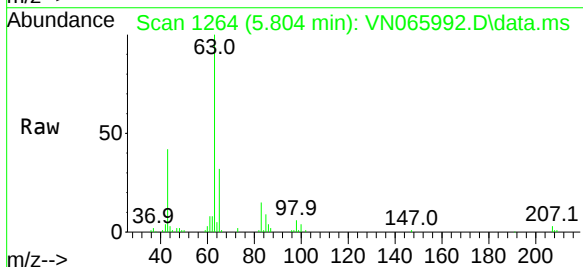
Tgt Ion: 63 Resp: 113594

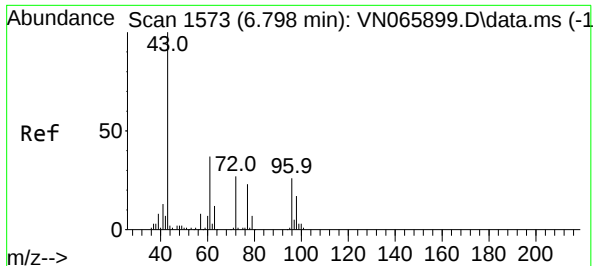
Ion Ratio Lower Upper

63 100

98 5.6 3.5 10.4

100 4.4 2.3 6.9

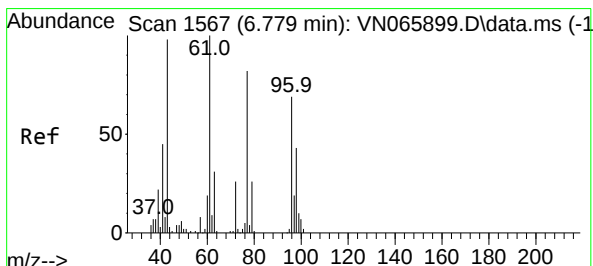
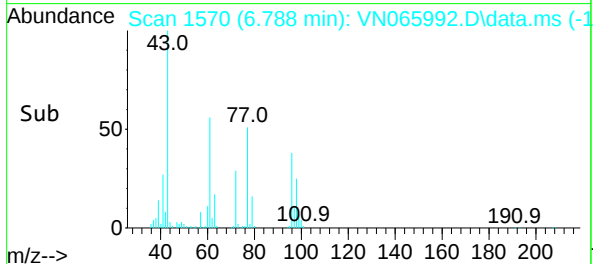
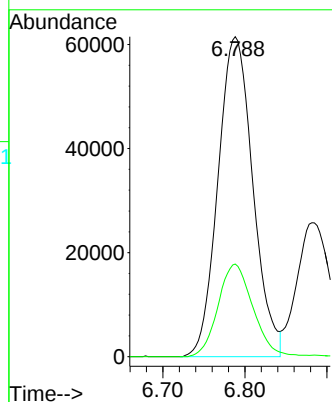
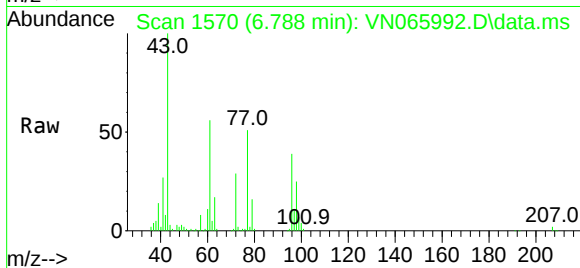




#25  
2-Butanone  
Concen: 237.63 ug/l  
RT: 6.788 min Scan# 1570  
Delta R.T. -0.010 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

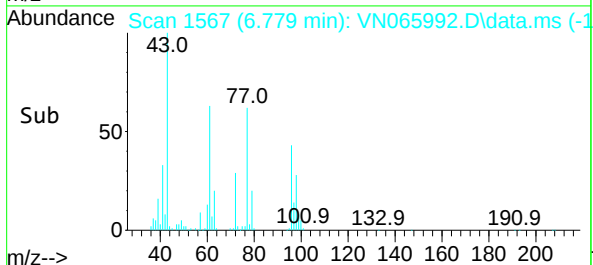
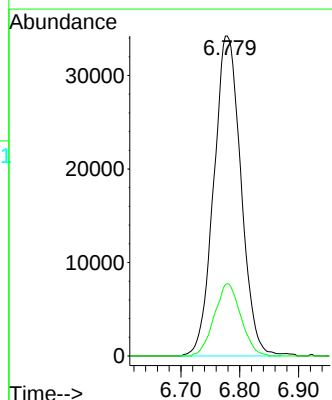
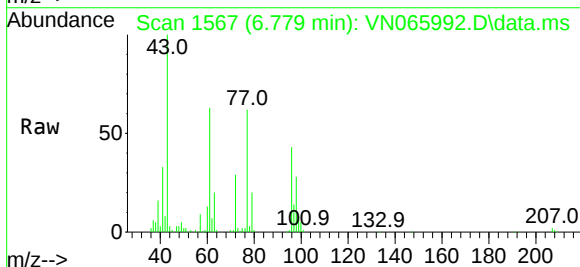
Instrument :  
MSVOA\_N  
ClientSampled :

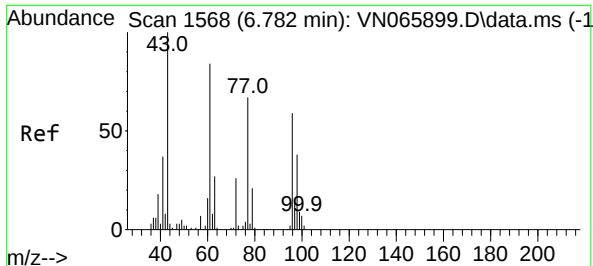
Tgt Ion: 43 Resp: 181900  
Ion Ratio Lower Upper  
43 100  
72 28.9 23.1 34.7



#26  
2,2-Dichloropropane  
Concen: 57.06 ug/l  
RT: 6.779 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion: 77 Resp: 109677  
Ion Ratio Lower Upper  
77 100  
97 22.1 11.9 35.9

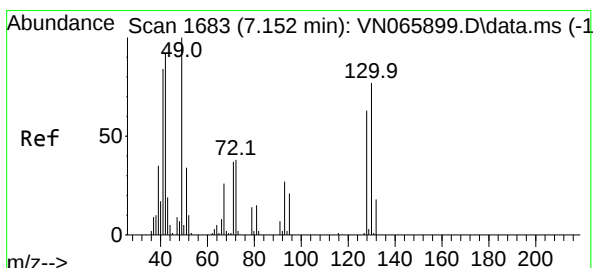
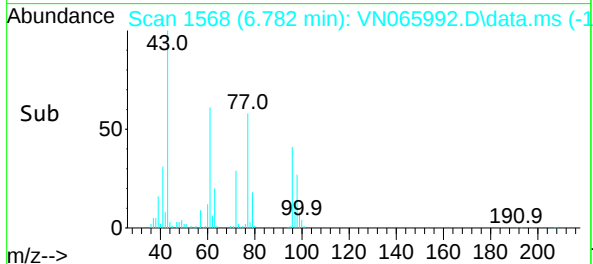
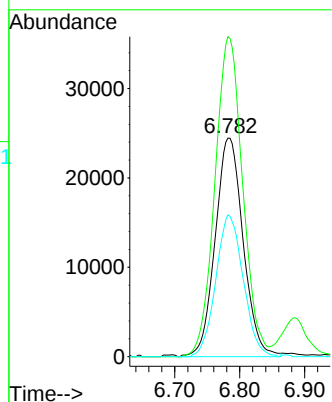
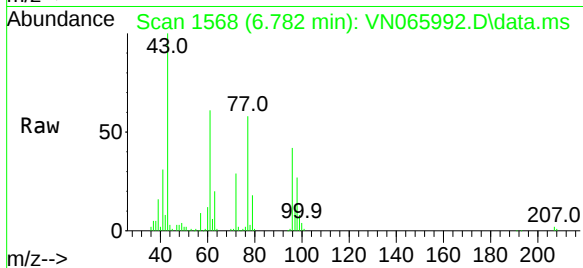




#27  
cis-1,2-Dichloroethene  
Concen: 49.12 ug/l  
RT: 6.782 min Scan# 1568  
Delta R.T. -0.000 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

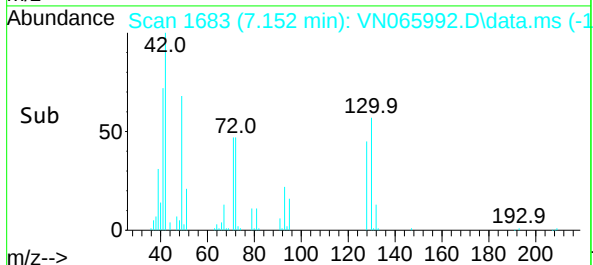
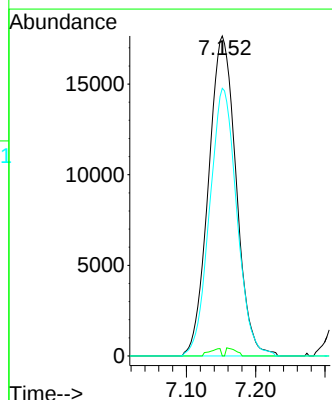
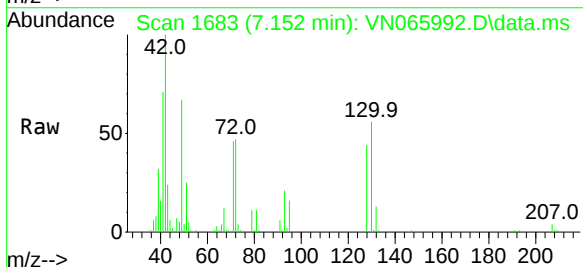
Instrument :  
MSVOA\_N  
ClientSampleId :

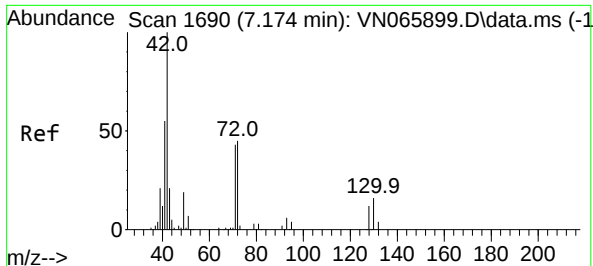
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 73034 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 145.3 | 0.0   | 276.8 |
| 98       | 63.5  | 0.0   | 129.4 |



#28  
Bromochloromethane  
Concen: 43.30 ug/l  
RT: 7.152 min Scan# 1683  
Delta R.T. -0.000 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 48901 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 0.9   | 0.0   | 3.6   |
| 130      | 82.4  | 67.8  | 101.6 |





#29

Tetrahydrofuran

Concen: 214.81 ug/l

RT: 7.168 min Scan# 1688

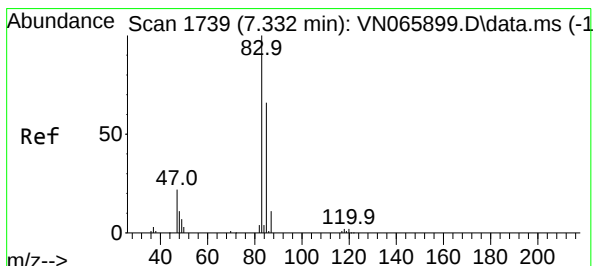
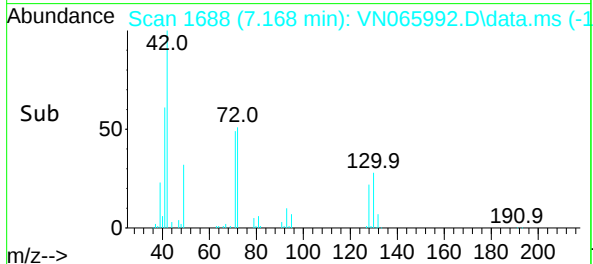
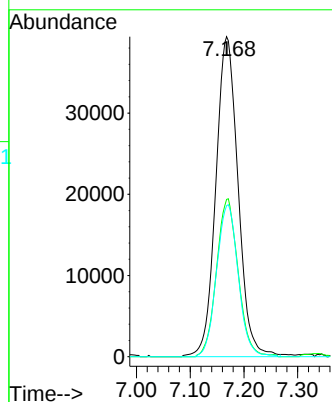
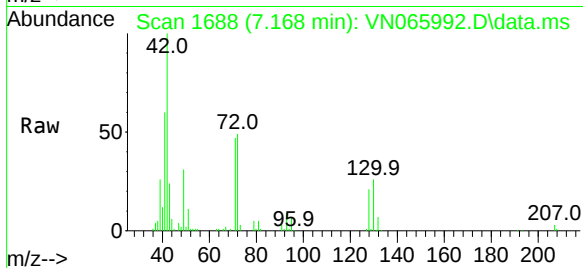
Delta R.T. -0.006 min

Lab File: VN065992.D

Acq: 24 Feb 2021 10:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 113206 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 47.9  | 36.6  | 55.0   |
| 71       | 46.4  | 34.3  | 51.5   |

Instrument :  
MSVOA\_N  
ClientSampleId :



#30

Chloroform

Concen: 49.58 ug/l

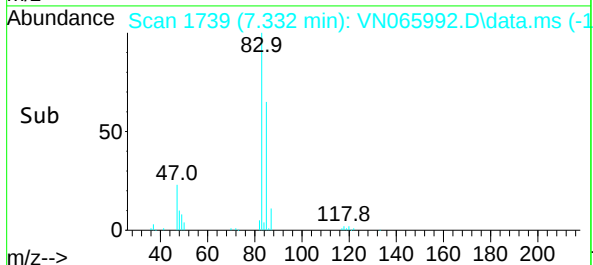
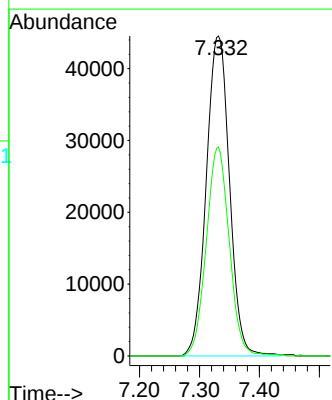
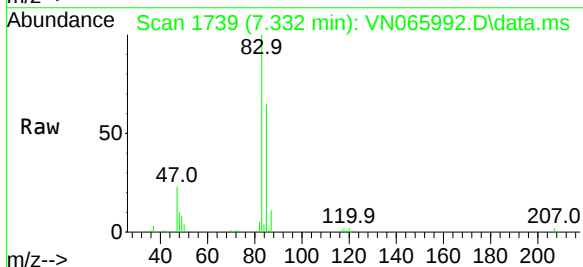
RT: 7.332 min Scan# 1739

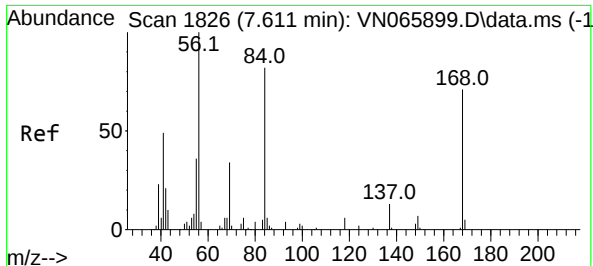
Delta R.T. -0.000 min

Lab File: VN065992.D

Acq: 24 Feb 2021 10:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 120017 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 65.3  | 52.6  | 78.8   |

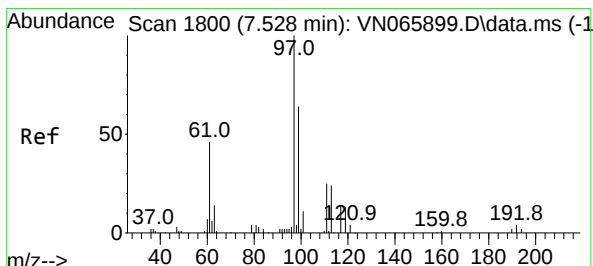
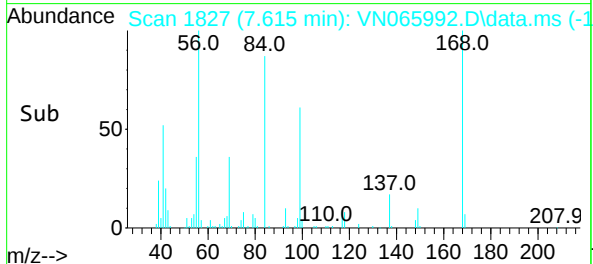
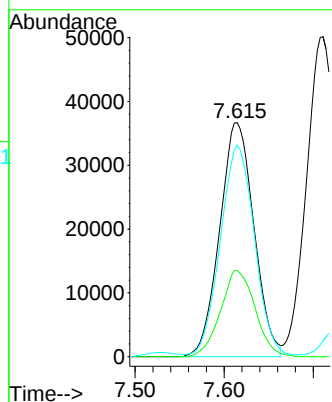
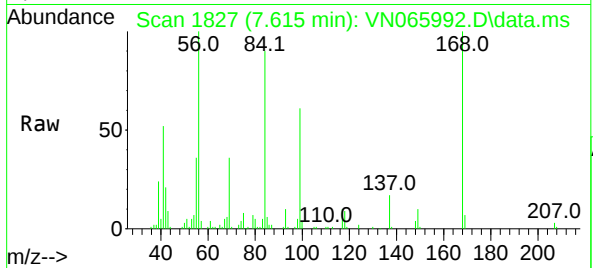




#31  
Cyclohexane  
Concen: 42.52 ug/l  
RT: 7.615 min Scan# 1827  
Delta R.T. 0.004 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

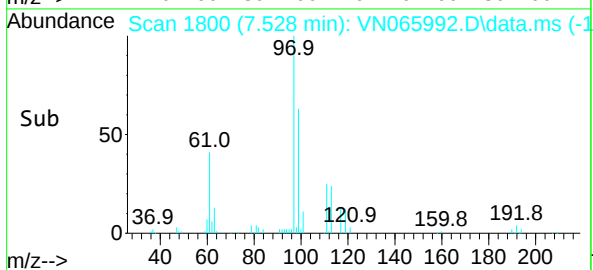
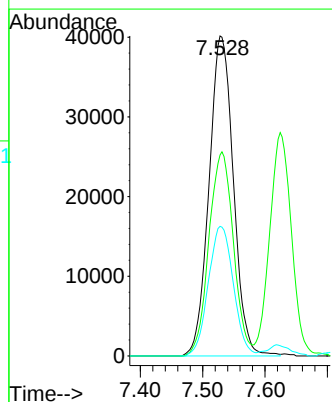
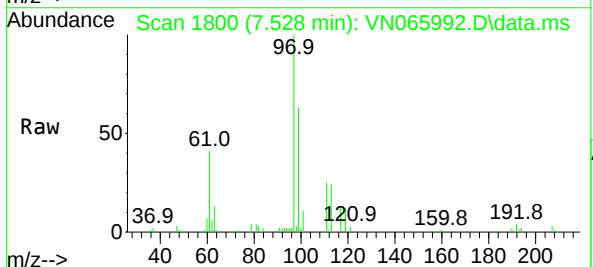
Instrument :  
MSVOA\_N  
ClientSampled :

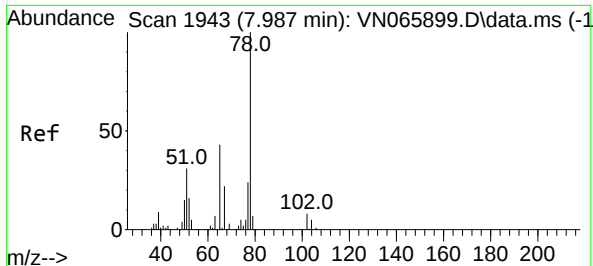
Tgt Ion: 56 Resp: 98048  
Ion Ratio Lower Upper  
56 100  
69 36.7 26.6 39.8  
84 89.4 70.4 105.6



#32  
1,1,1-Trichloroethane  
Concen: 53.64 ug/l  
RT: 7.528 min Scan# 1800  
Delta R.T. -0.000 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion: 97 Resp: 108905  
Ion Ratio Lower Upper  
97 100  
99 64.1 50.8 76.2  
61 41.6 34.3 51.5

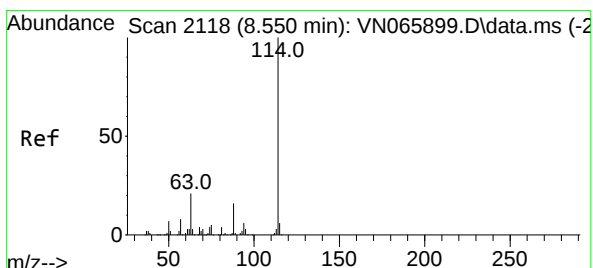
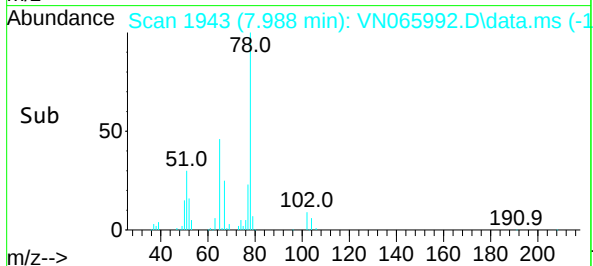
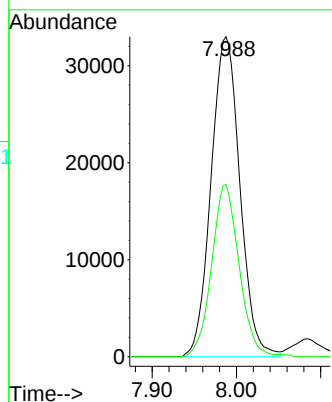
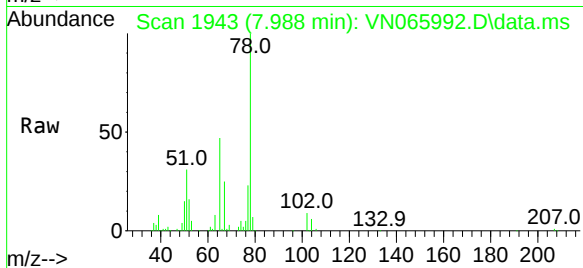




#33  
1,2-Dichloroethane-d4  
Concen: 50.68 ug/l  
RT: 7.988 min Scan# 1943  
Delta R.T. 0.001 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

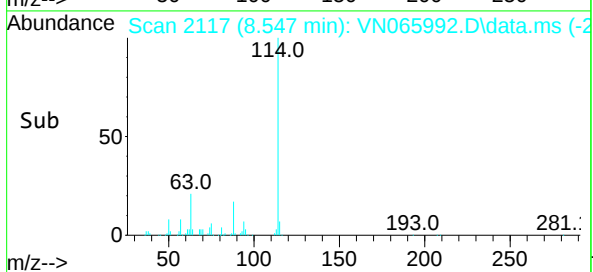
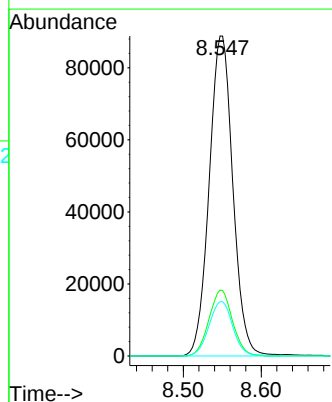
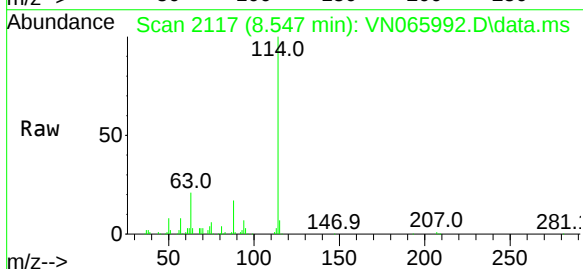
Instrument :  
MSVOA\_N  
ClientSampled :

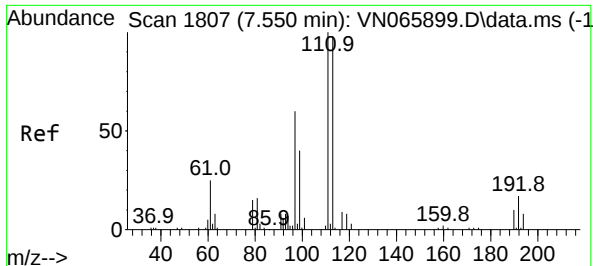
Tgt Ion: 65 Resp: 78371  
Ion Ratio Lower Upper  
65 100  
67 51.3 0.0 107.2



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.547 min Scan# 2117  
Delta R.T. -0.003 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion: 114 Resp: 186830  
Ion Ratio Lower Upper  
114 100  
63 20.6 0.0 38.6  
88 17.0 0.0 30.6

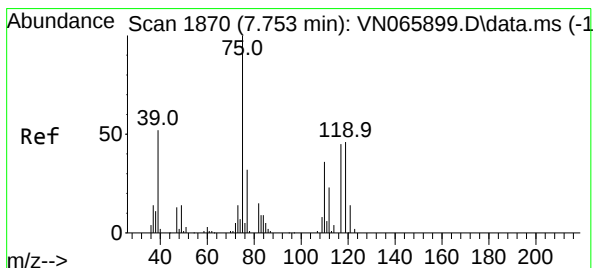
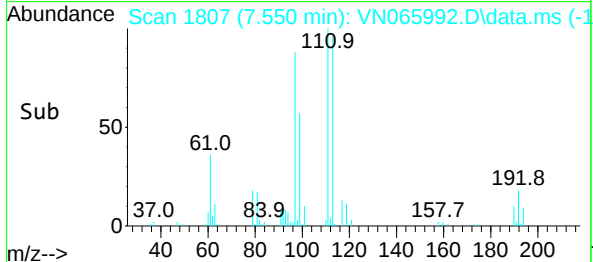
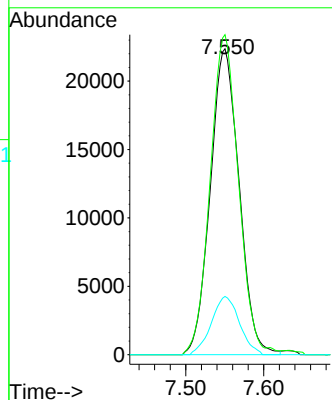
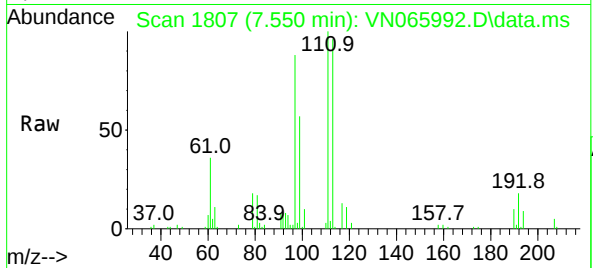




#35  
Dibromofluoromethane  
Concen: 49.68 ug/l  
RT: 7.550 min Scan# 1807  
Delta R.T. 0.000 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

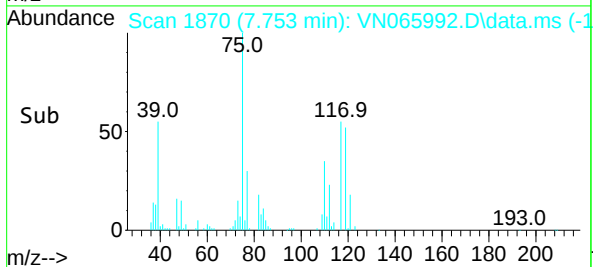
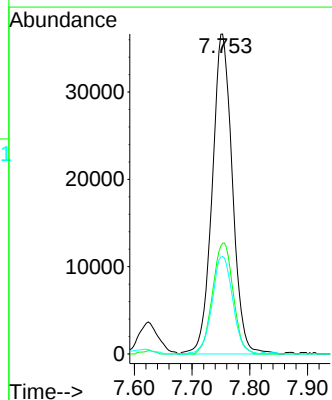
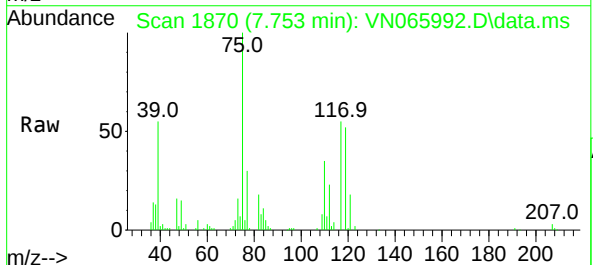
Instrument :  
MSVOA\_N  
ClientSampleId :

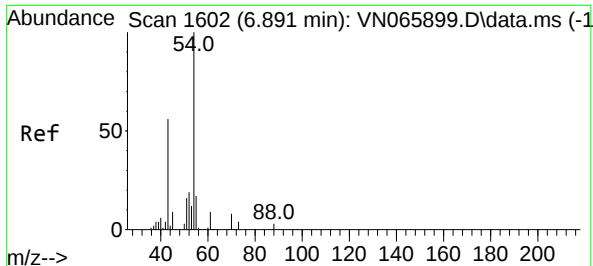
Tgt Ion:113 Resp: 57441  
Ion Ratio Lower Upper  
113 100  
111 102.8 82.2 123.2  
192 18.6 15.4 23.0



#36  
1,1-Dichloropropene  
Concen: 48.24 ug/l  
RT: 7.753 min Scan# 1870  
Delta R.T. -0.000 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion: 75 Resp: 88864  
Ion Ratio Lower Upper  
75 100  
110 35.3 18.2 54.6  
77 31.3 24.9 37.3





#37

Ethyl Acetate

Concen: 44.80 ug/l

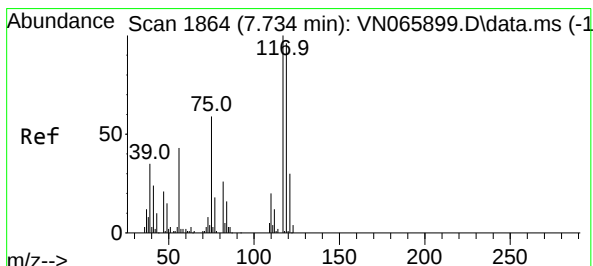
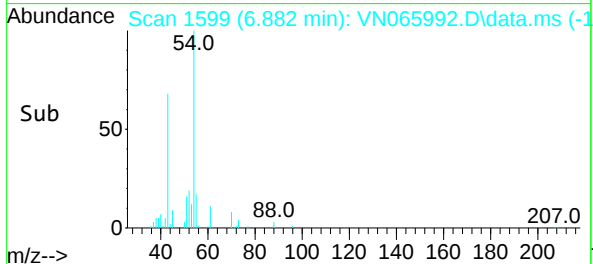
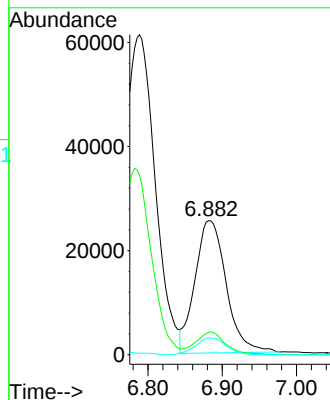
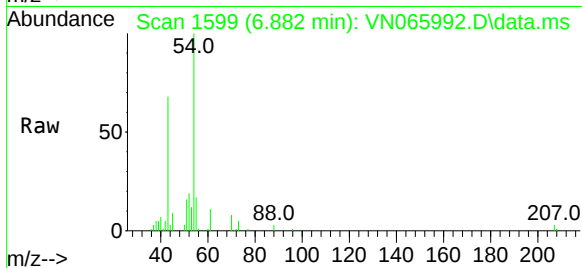
RT: 6.882 min Scan# 1599

Delta R.T. -0.010 min

Lab File: VN065992.D

Acq: 24 Feb 2021 10:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 74532 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 16.3  | 11.6  | 17.4  |
| 70       | 12.1  | 8.6   | 13.0  |



#38

Carbon Tetrachloride

Concen: 53.31 ug/l

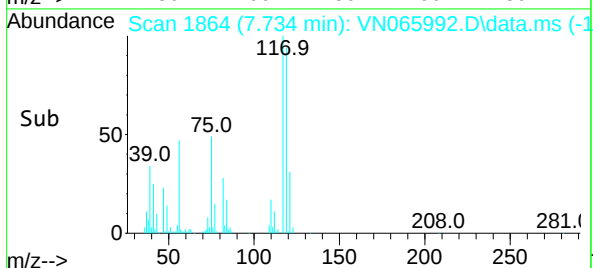
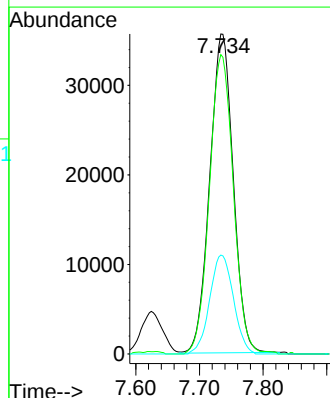
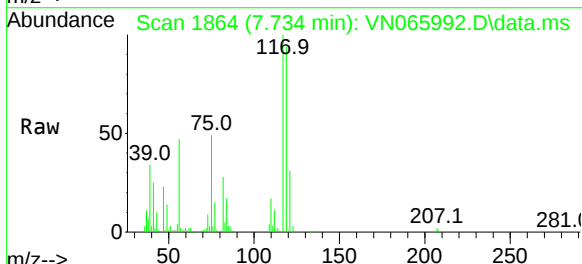
RT: 7.734 min Scan# 1864

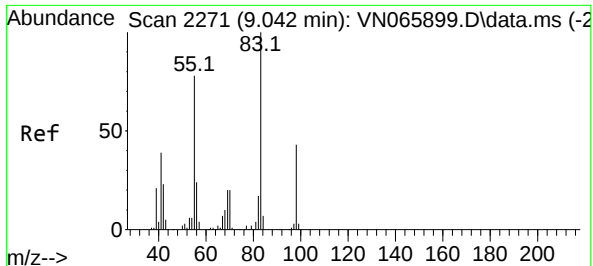
Delta R.T. -0.000 min

Lab File: VN065992.D

Acq: 24 Feb 2021 10:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 91272 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 94.0  | 76.0  | 114.0 |
| 121      | 31.1  | 24.5  | 36.7  |





#39

Methylcyclohexane

Concen: 48.10 ug/l

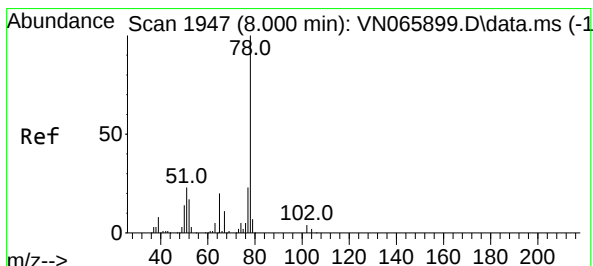
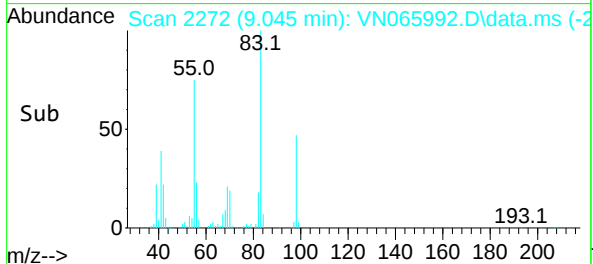
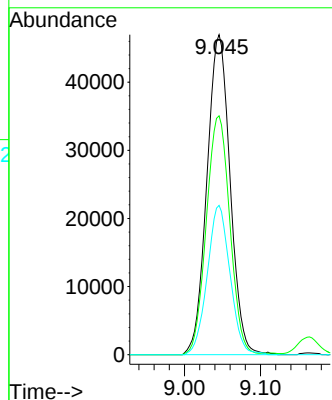
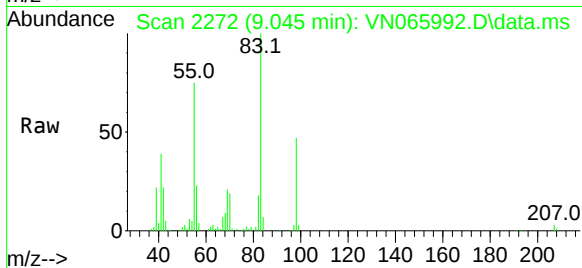
RT: 9.045 min Scan# 2272

Delta R.T. 0.003 min

Lab File: VN065992.D

Acq: 24 Feb 2021 10:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 99567 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 74.6  | 58.9  | 88.3  |
| 98       | 46.7  | 35.9  | 53.9  |



#40

Benzene

Concen: 46.91 ug/l

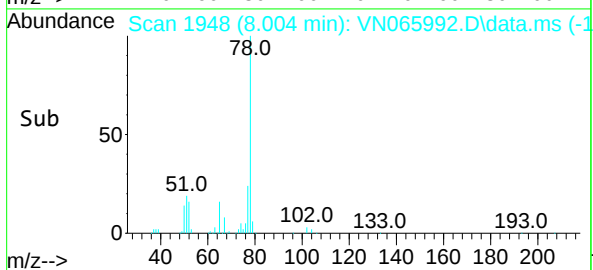
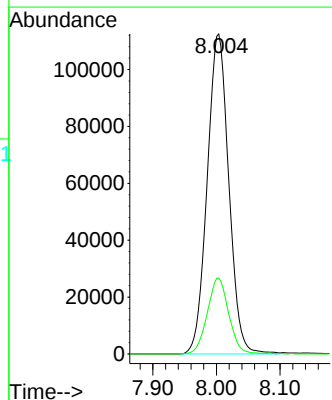
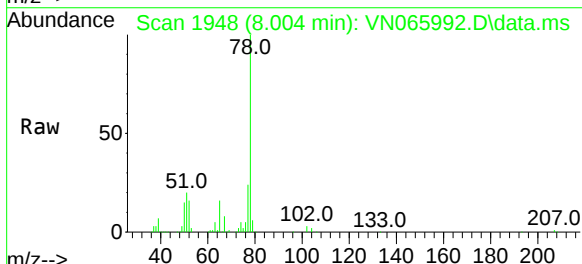
RT: 8.004 min Scan# 1948

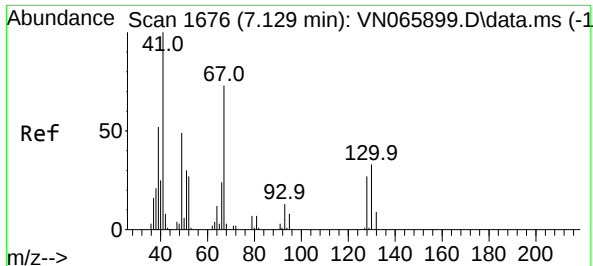
Delta R.T. 0.004 min

Lab File: VN065992.D

Acq: 24 Feb 2021 10:03

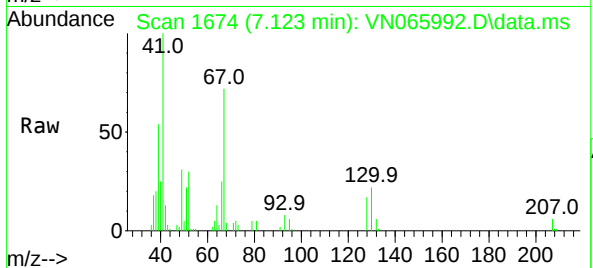
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 265171 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 23.7  | 19.0  | 28.4   |



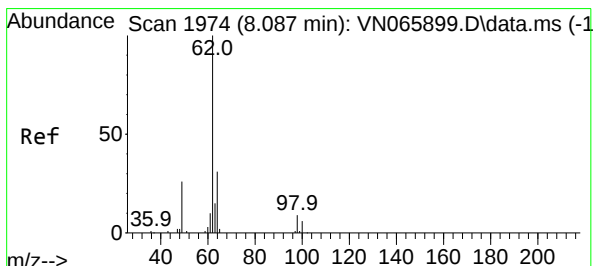
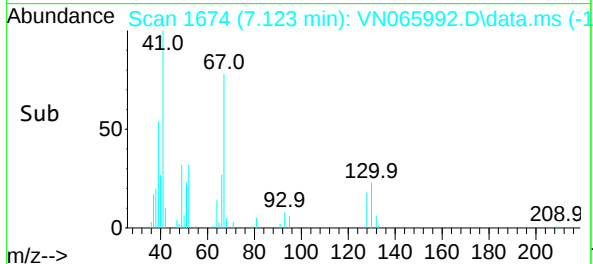
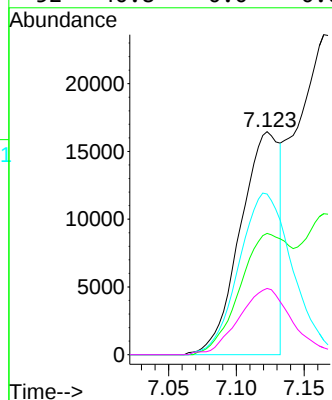


#41  
Methacrylonitrile  
Concen: 41.16 ug/l  
RT: 7.123 min Scan# 1674  
Delta R.T. -0.006 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Instrument :  
MSVOA\_N  
ClientSampled :

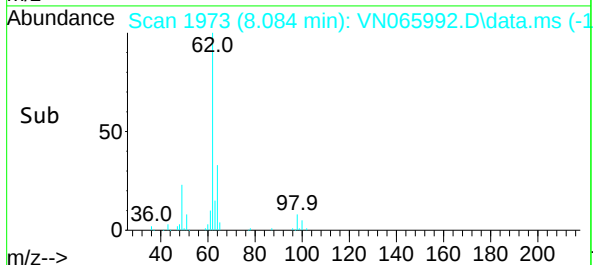
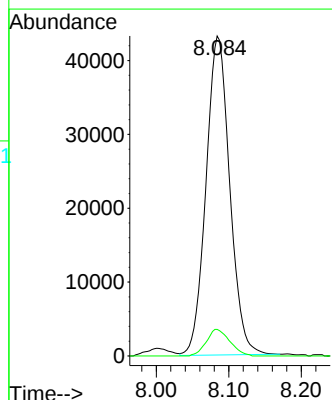
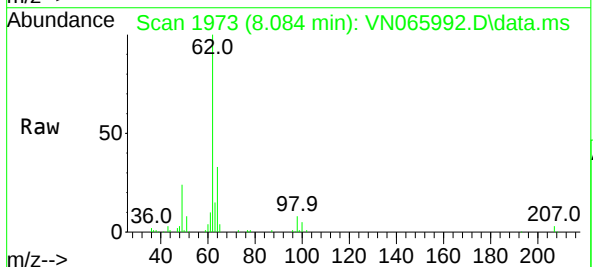


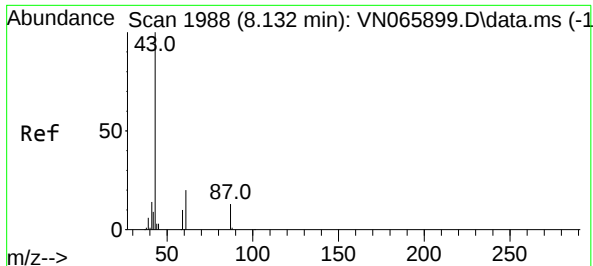
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 33149 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 69.2  | 0.0   | 0.0#  |
| 67        | 100.1 | 0.0   | 0.0#  |
| 52        | 40.8  | 0.0   | 0.0#  |



#42  
1,2-Dichloroethane  
Concen: 52.87 ug/l  
RT: 8.084 min Scan# 1973  
Delta R.T. -0.003 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 62    | Resp: | 98212 |
| Ion Ratio | Lower | Upper |       |
| 62        | 100   |       |       |
| 98        | 8.3   | 0.0   | 18.6  |

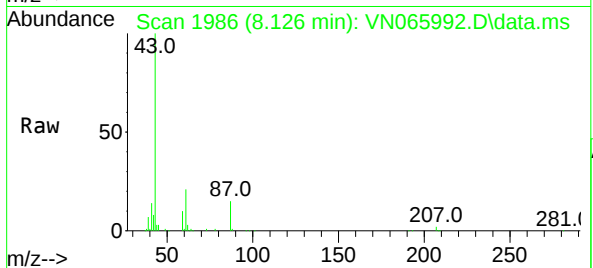




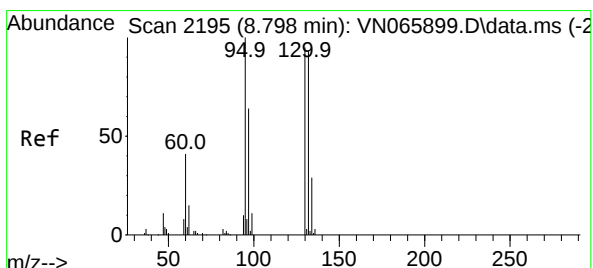
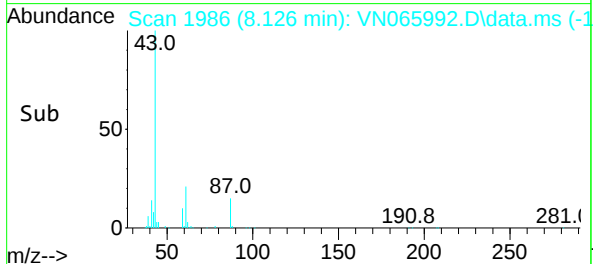
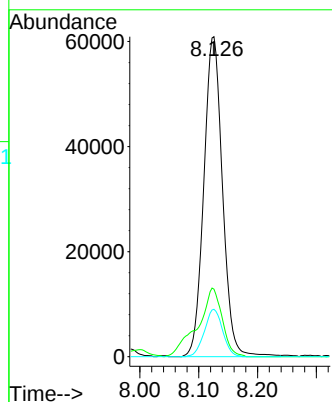
#43

Isopropyl Acetate  
 Concen: 50.72 ug/l  
 RT: 8.126 min Scan# 1986  
 Delta R.T. -0.006 min  
 Lab File: VN065992.D  
 Acq: 24 Feb 2021 10:03

Instrument :  
 MSVOA\_N  
 ClientSampled :



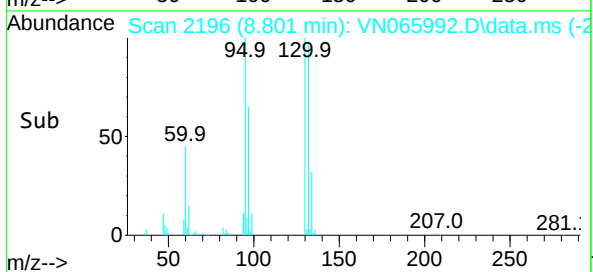
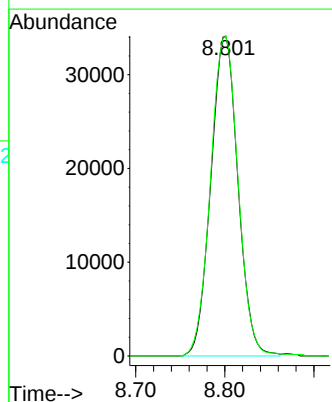
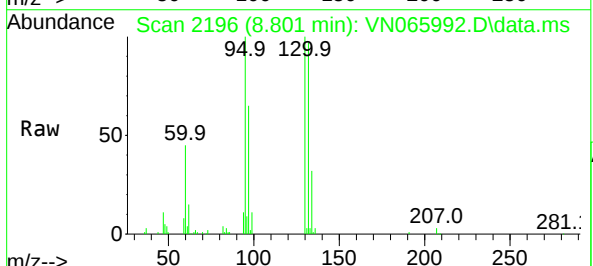
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 134463 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 28.1  | 22.5  | 33.7   |
| 87       | 14.5  | 11.1  | 16.7   |

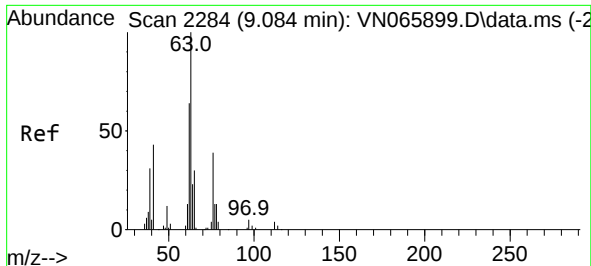


#44

Trichloroethene  
 Concen: 51.56 ug/l  
 RT: 8.801 min Scan# 2196  
 Delta R.T. 0.003 min  
 Lab File: VN065992.D  
 Acq: 24 Feb 2021 10:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 72078 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 100.0 | 0.0   | 199.6 |





#45

1,2-Dichloropropane

Concen: 47.51 ug/l

RT: 9.081 min Scan# 2283

Delta R.T. -0.003 min

Lab File: VN065992.D

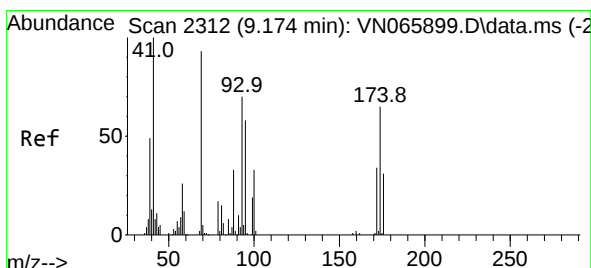
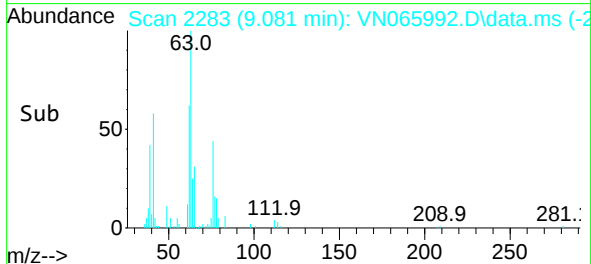
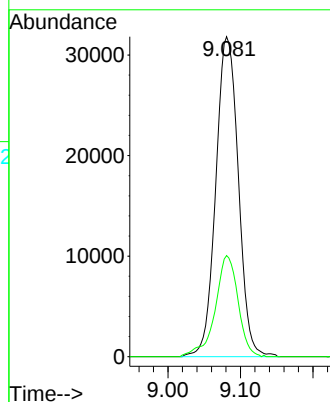
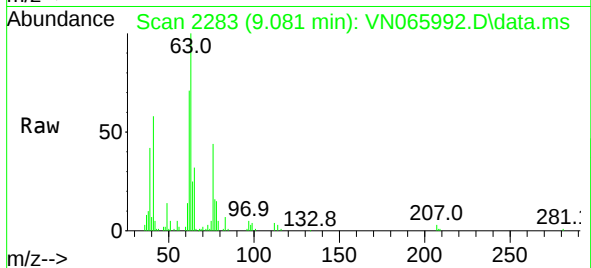
Acq: 24 Feb 2021 10:03

Tgt Ion: 63 Resp: 68761

Ion Ratio Lower Upper

63 100

65 31.6 24.9 37.3



#46

Dibromomethane

Concen: 50.81 ug/l

RT: 9.171 min Scan# 2311

Delta R.T. -0.003 min

Lab File: VN065992.D

Acq: 24 Feb 2021 10:03

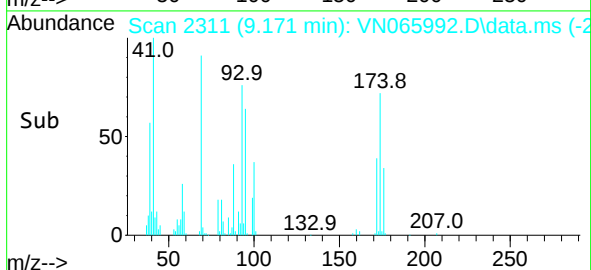
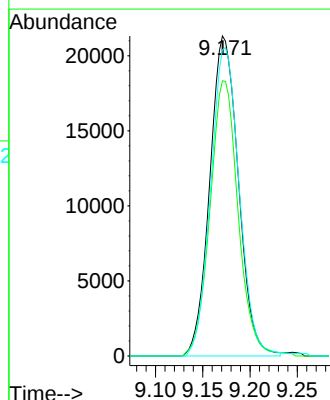
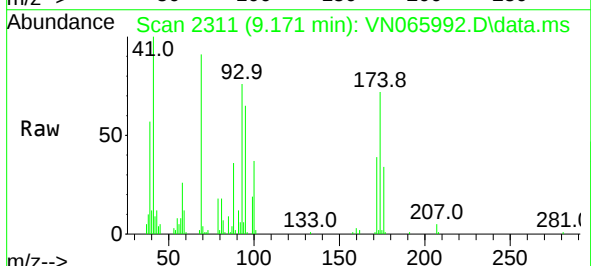
Tgt Ion: 93 Resp: 44800

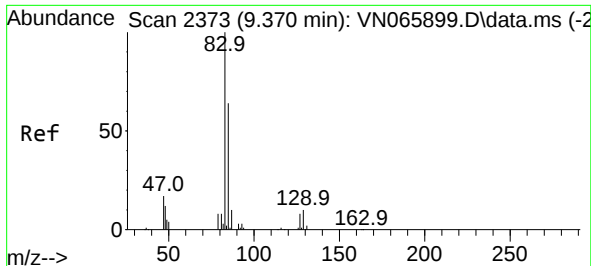
Ion Ratio Lower Upper

93 100

95 84.5 67.0 100.6

174 96.6 83.2 124.8

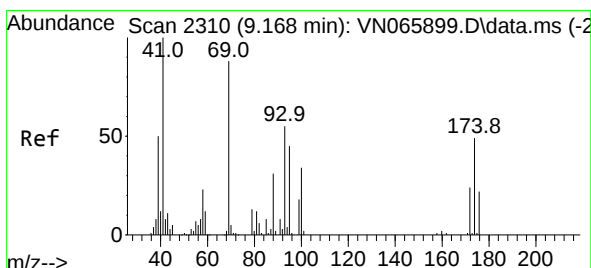
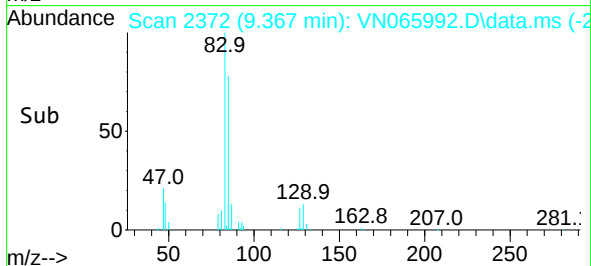
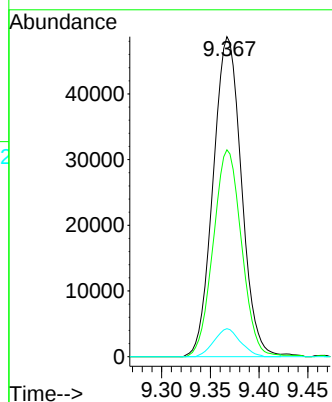
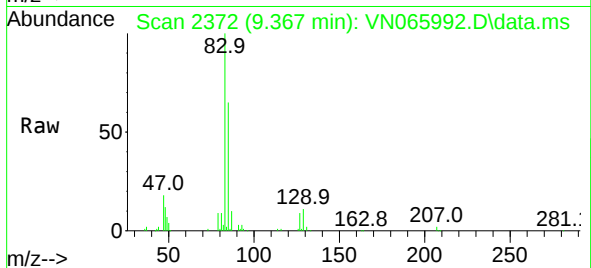




#47  
Bromodichloromethane  
Concen: 54.76 ug/l  
RT: 9.367 min Scan# 2372  
Delta R.T. -0.003 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

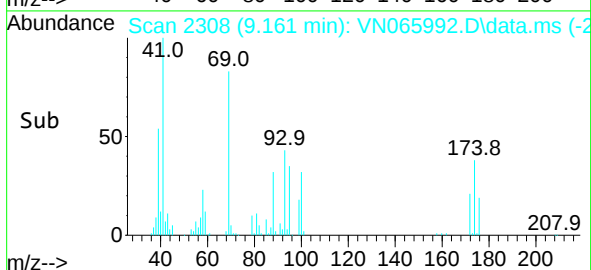
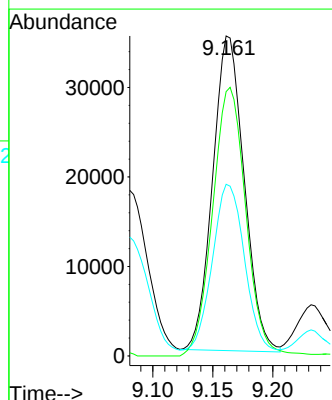
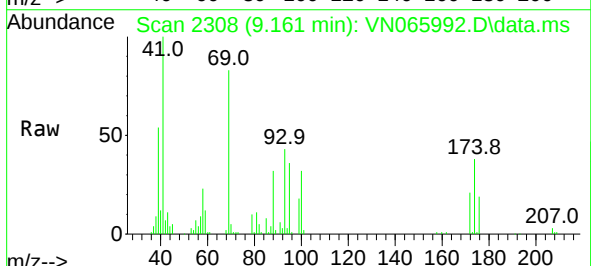
Instrument :  
MSVOA\_N  
ClientSampled :

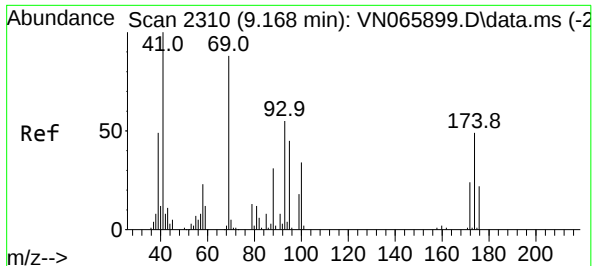
Tgt Ion: 83 Resp: 98299  
Ion Ratio Lower Upper  
83 100  
85 64.6 51.0 76.4  
127 8.7 7.0 10.6



#48  
Methyl methacrylate  
Concen: 47.74 ug/l  
RT: 9.161 min Scan# 2308  
Delta R.T. -0.007 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion: 41 Resp: 64127  
Ion Ratio Lower Upper  
41 100  
69 90.3 75.9 113.9  
39 58.1 46.6 69.8





#49

1,4-Dioxane

Concen: 1059.49 ug/l

RT: 9.161 min Scan# 2308

Delta R.T. -0.007 min

Lab File: VN065992.D

Acq: 24 Feb 2021 10:03

Tgt Ion: 88 Resp: 24250

Ion Ratio Lower Upper

88 100

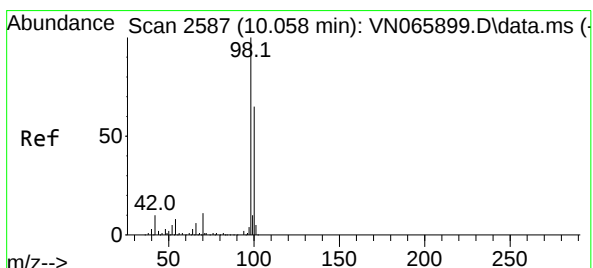
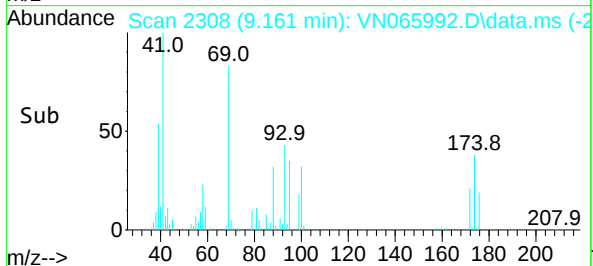
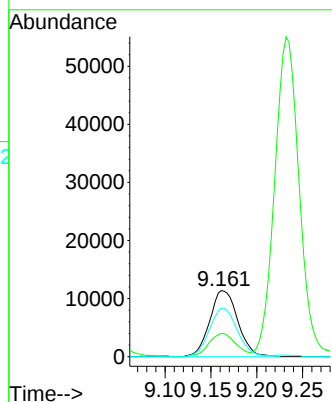
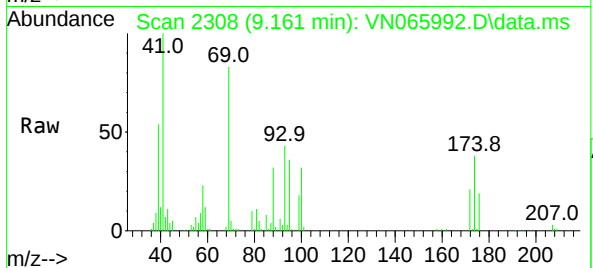
43 34.2 24.7 37.1

58 73.1 52.6 78.8

Instrument :

MSVOA\_N

ClientSampleId :



#50

Toluene-d8

Concen: 47.79 ug/l

RT: 10.058 min Scan# 2587

Delta R.T. 0.000 min

Lab File: VN065992.D

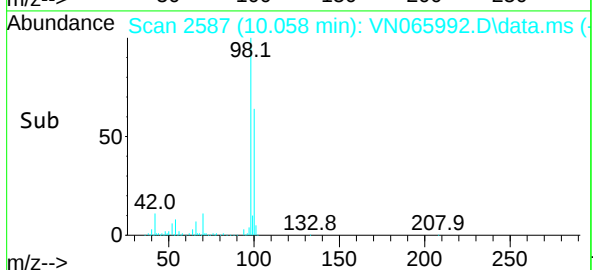
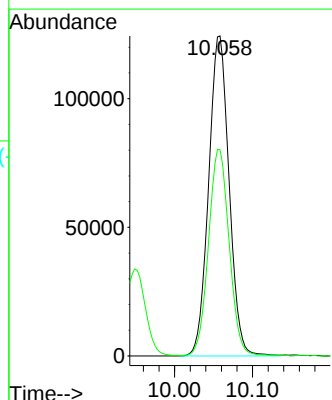
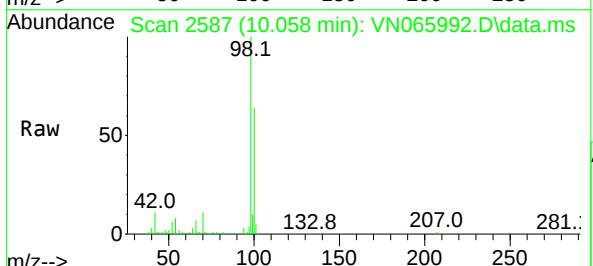
Acq: 24 Feb 2021 10:03

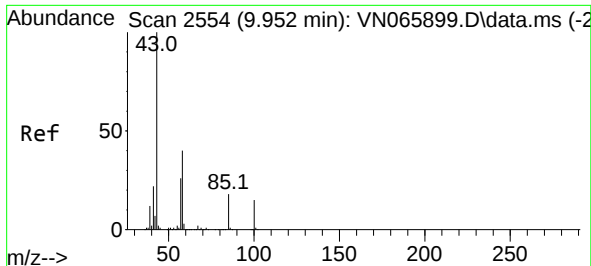
Tgt Ion: 98 Resp: 226810

Ion Ratio Lower Upper

98 100

100 64.9 50.5 75.7

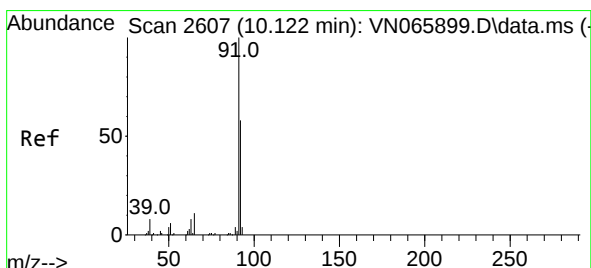
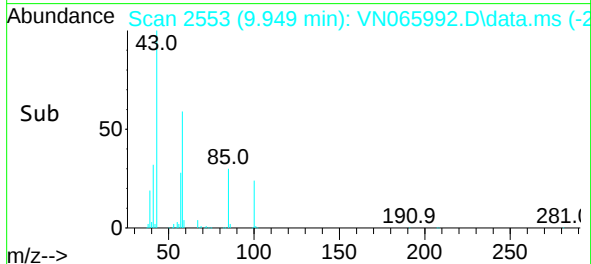
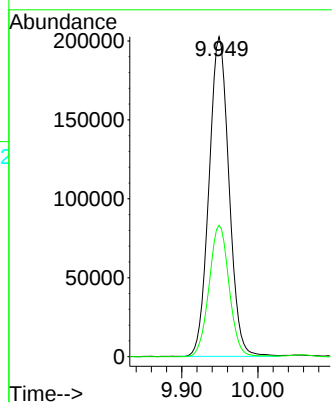
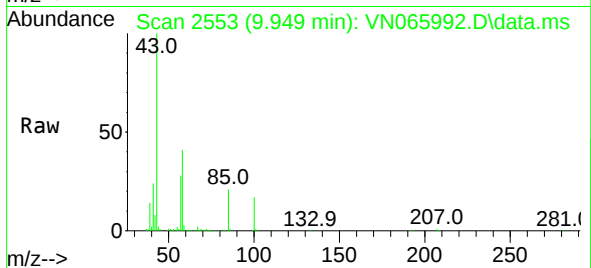




#51  
4-Methyl-2-Pentanone  
Concen: 229.48 ug/l  
RT: 9.949 min Scan# 2553  
Delta R.T. -0.003 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

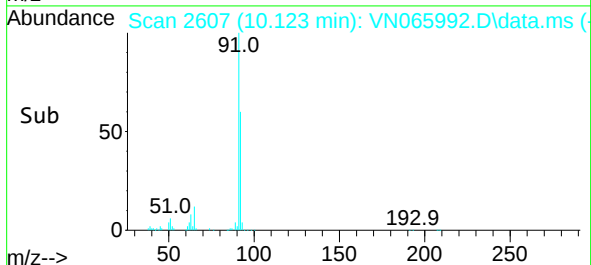
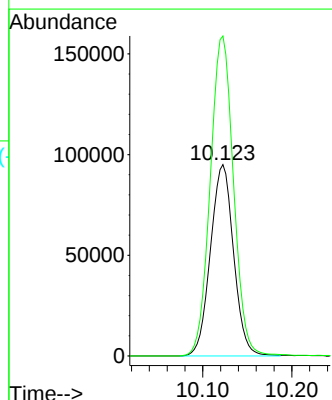
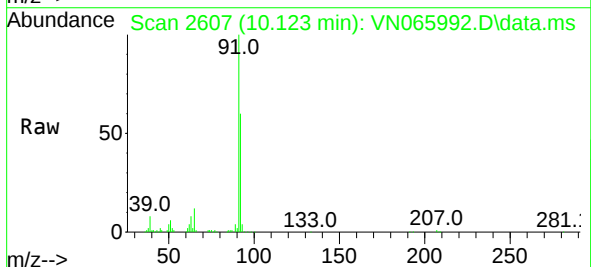
Instrument :  
MSVOA\_N  
ClientSampleId :

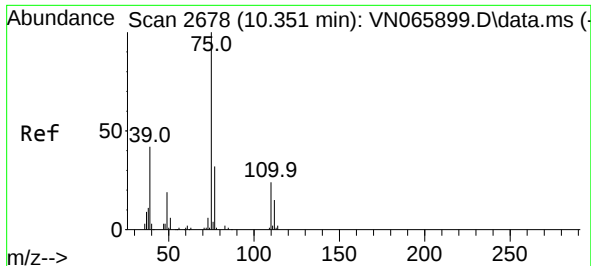
Tgt Ion: 43 Resp: 370211  
Ion Ratio Lower Upper  
43 100  
58 41.2 32.5 48.7



#52  
Toluene  
Concen: 49.45 ug/l  
RT: 10.123 min Scan# 2607  
Delta R.T. 0.001 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion: 92 Resp: 171644  
Ion Ratio Lower Upper  
92 100  
91 168.6 140.7 211.1

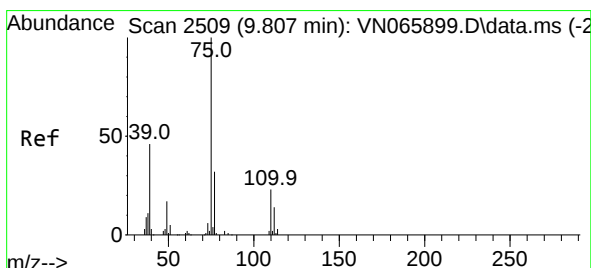
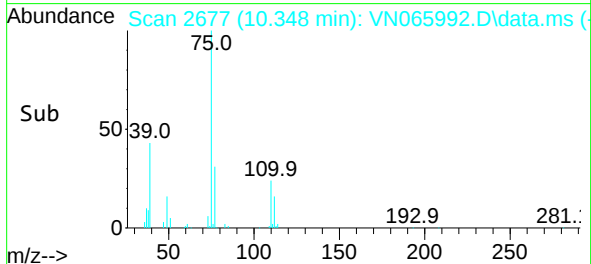
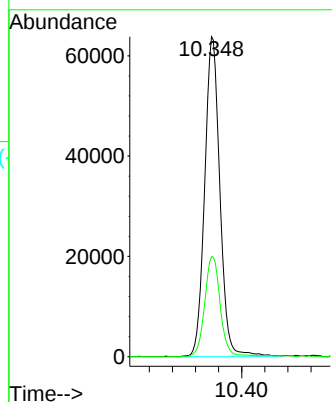
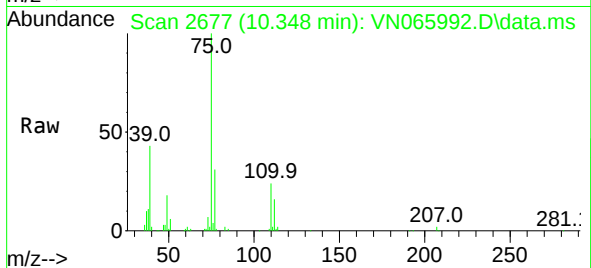




#53  
t-1,3-Dichloropropene  
Concen: 52.59 ug/l  
RT: 10.348 min Scan# 2677  
Delta R.T. -0.003 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

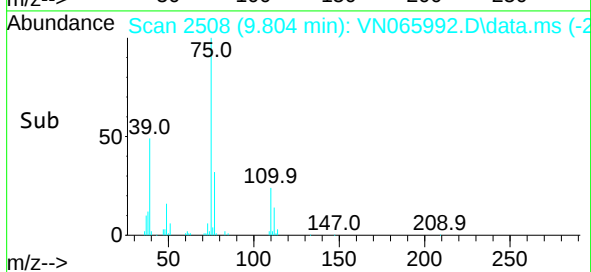
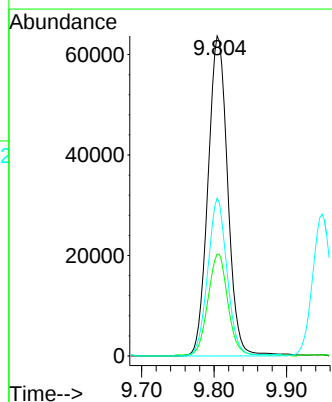
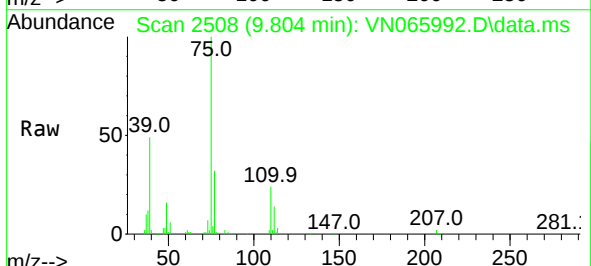
Instrument :  
MSVOA\_N  
ClientSampleId :

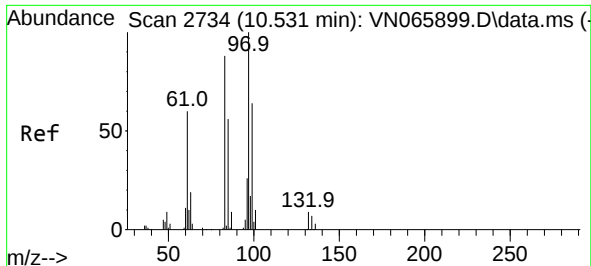
Tgt Ion: 75 Resp: 117011  
Ion Ratio Lower Upper  
75 100  
77 31.3 26.2 39.4



#54  
cis-1,3-Dichloropropene  
Concen: 54.04 ug/l  
RT: 9.804 min Scan# 2508  
Delta R.T. -0.003 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion: 75 Resp: 120286  
Ion Ratio Lower Upper  
75 100  
77 31.6 24.9 37.3  
39 49.3 36.2 54.4

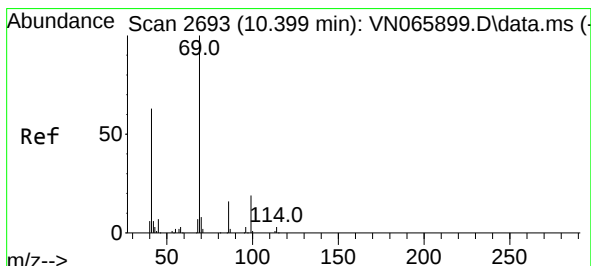
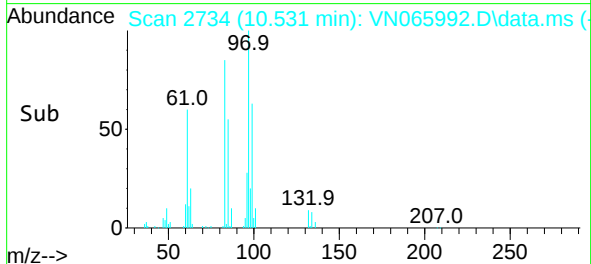
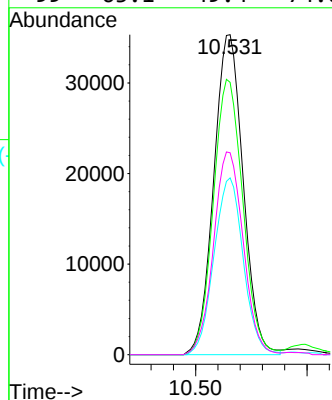
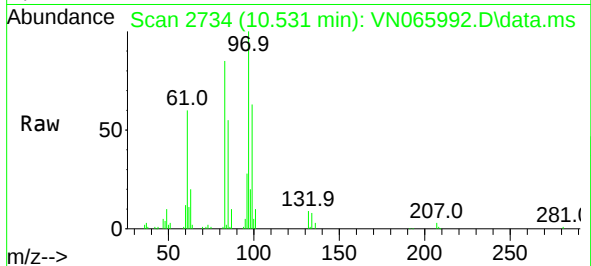




#55  
1,1,2-Trichloroethane  
Concen: 49.81 ug/l  
RT: 10.531 min Scan# 2734  
Delta R.T. -0.000 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

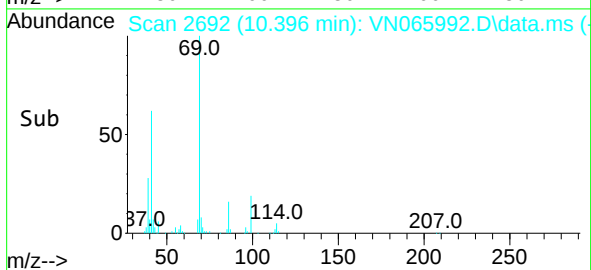
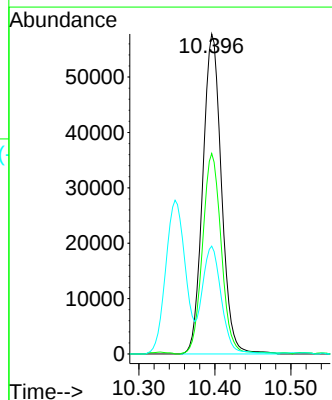
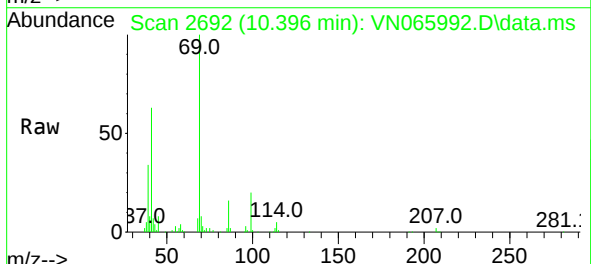
Instrument :  
MSVOA\_N  
ClientSampleId :

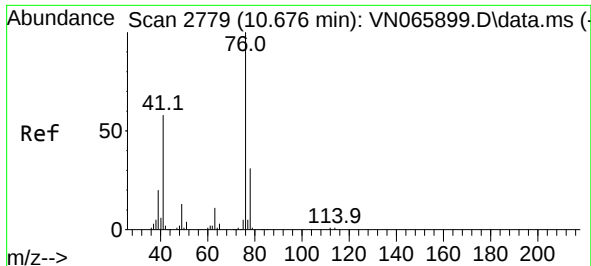
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 64712 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 85.1  | 67.7  | 101.5 |
| 85       | 55.3  | 44.5  | 66.7  |
| 99       | 63.1  | 49.4  | 74.0  |



#56  
Ethyl methacrylate  
Concen: 50.49 ug/l  
RT: 10.396 min Scan# 2692  
Delta R.T. -0.003 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 98629 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 62.9  | 49.6  | 74.4  |
| 39       | 34.1  | 28.0  | 42.0  |

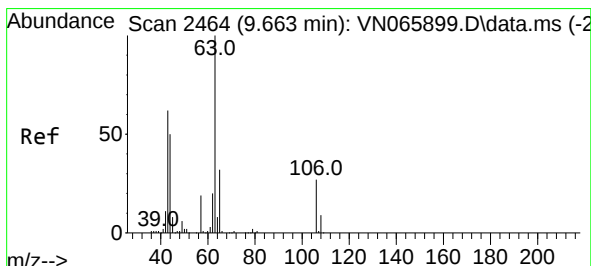
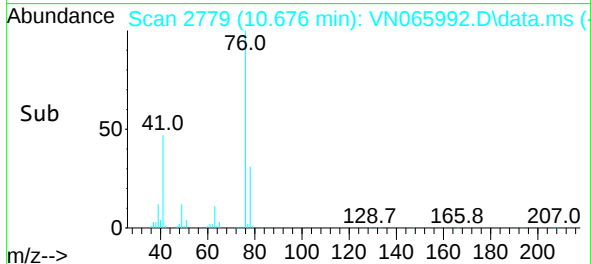
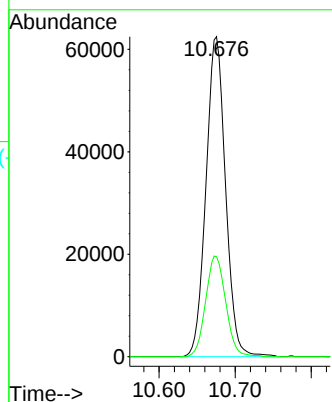
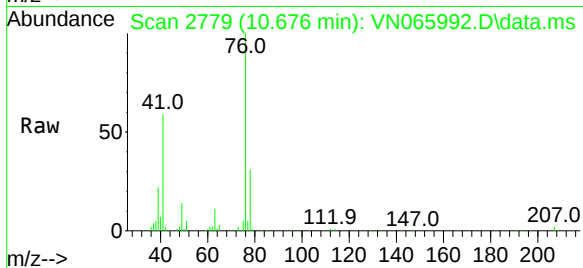




#57  
1,3-Dichloropropane  
Concen: 48.73 ug/l  
RT: 10.676 min Scan# 2779  
Delta R.T. -0.000 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

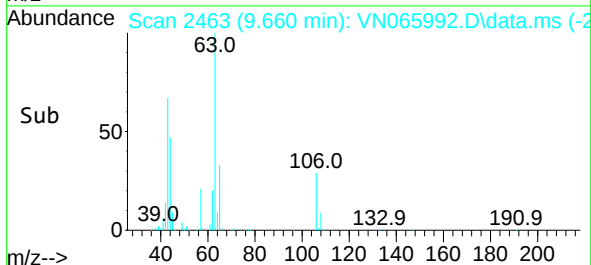
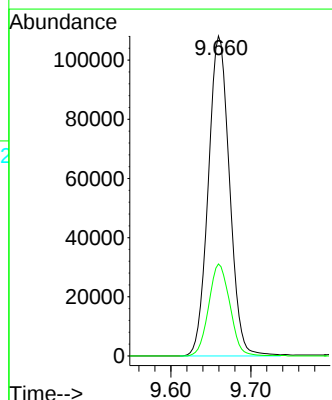
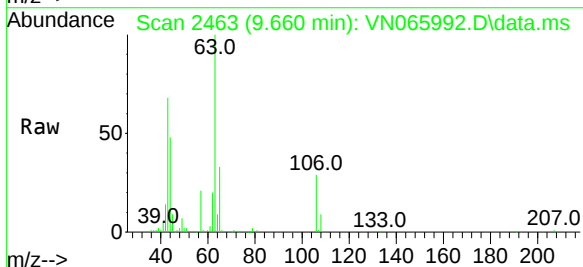
Instrument :  
MSVOA\_N  
ClientSampleId :

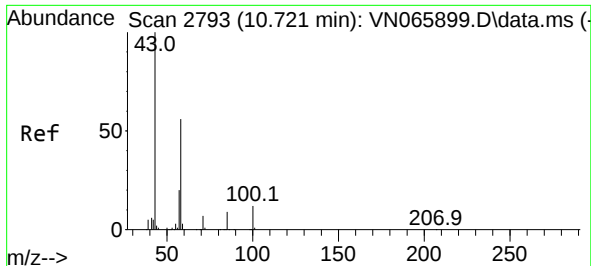
Tgt Ion: 76 Resp: 111586  
Ion Ratio Lower Upper  
76 100  
78 32.3 25.7 38.5



#58  
2-Chloroethyl Vinyl ether  
Concen: 213.79 ug/l  
RT: 9.660 min Scan# 2463  
Delta R.T. -0.003 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion: 63 Resp: 199363  
Ion Ratio Lower Upper  
63 100  
106 28.6 22.6 33.8

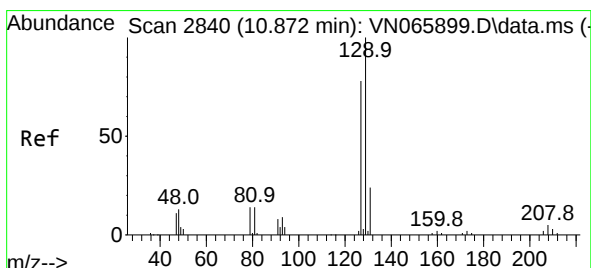
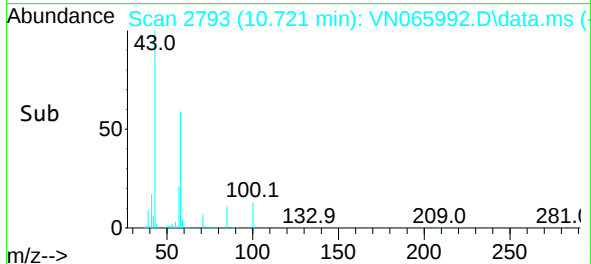
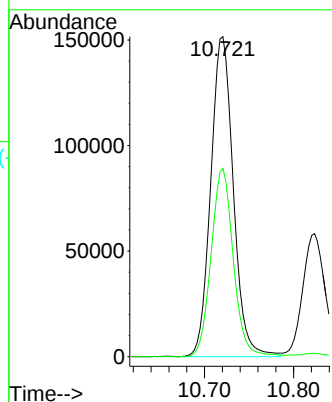
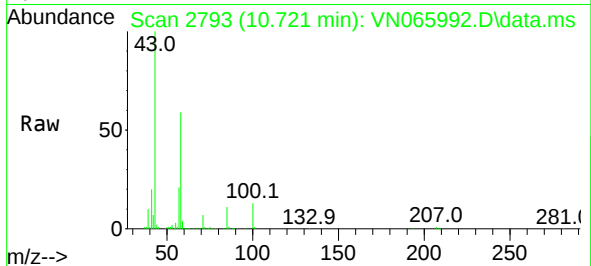




#59  
2-Hexanone  
Concen: 232.13 ug/l  
RT: 10.721 min Scan# 2793  
Delta R.T. -0.000 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

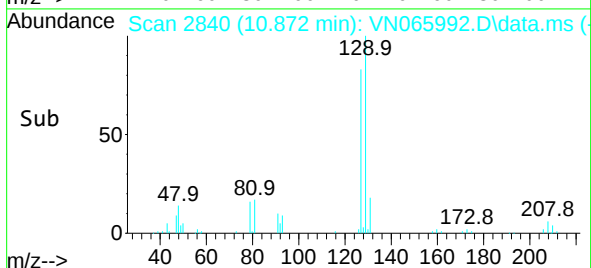
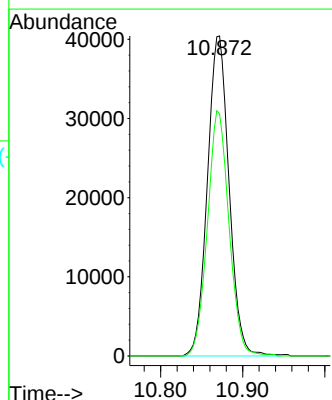
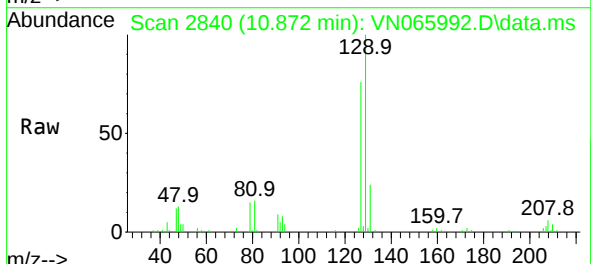
Instrument :  
MSVOA\_N  
ClientSampled :

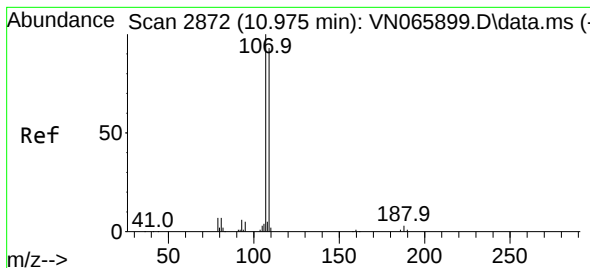
Tgt Ion: 43 Resp: 266742  
Ion Ratio Lower Upper  
43 100  
58 57.7 28.1 84.3



#60  
Dibromochloromethane  
Concen: 55.81 ug/l  
RT: 10.872 min Scan# 2840  
Delta R.T. -0.000 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion: 129 Resp: 74098  
Ion Ratio Lower Upper  
129 100  
127 76.4 38.5 115.5

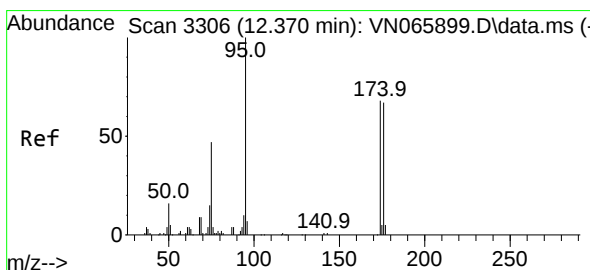
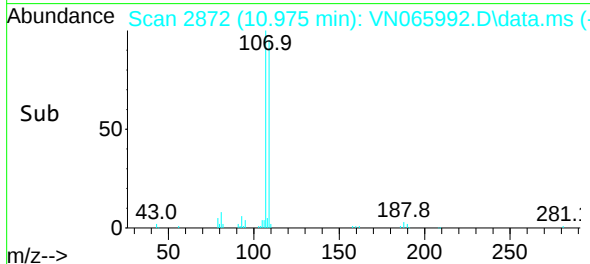
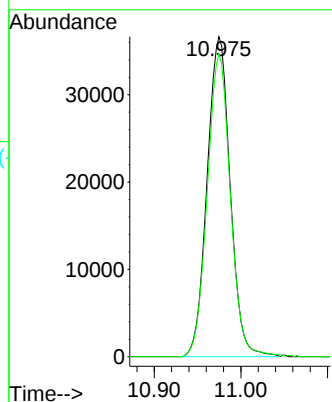
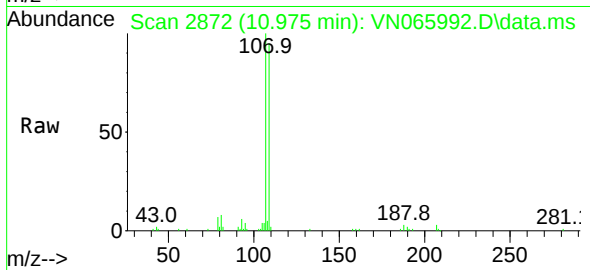




#61  
1,2-Dibromoethane  
Concen: 51.36 ug/l  
RT: 10.975 min Scan# 2872  
Delta R.T. -0.000 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

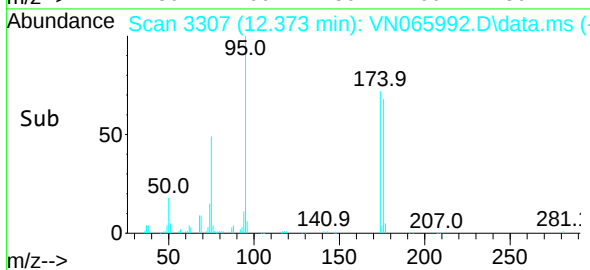
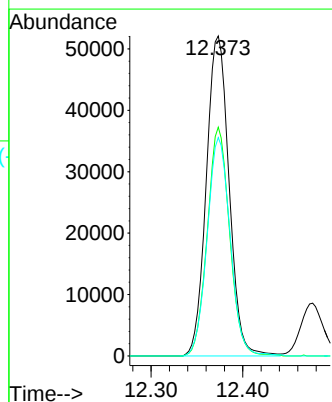
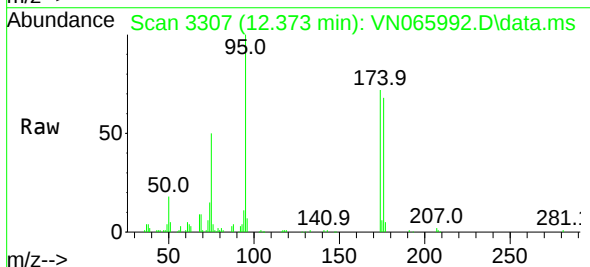
Instrument :  
MSVOA\_N  
ClientSampled :

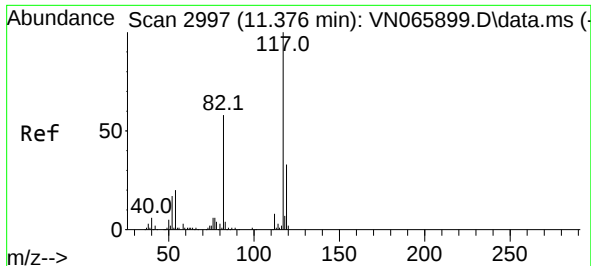
Tgt Ion:107 Resp: 67784  
Ion Ratio Lower Upper  
107 100  
109 94.8 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 50.48 ug/l  
RT: 12.373 min Scan# 3307  
Delta R.T. 0.003 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion: 95 Resp: 89947  
Ion Ratio Lower Upper  
95 100  
174 70.1 0.0 169.0  
176 68.9 0.0 162.4

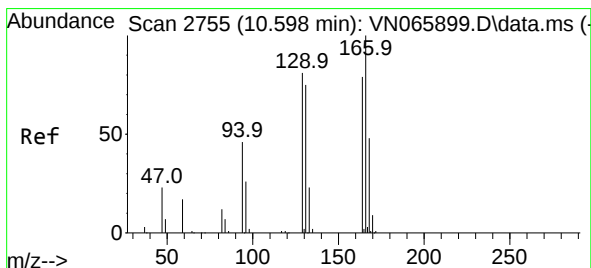
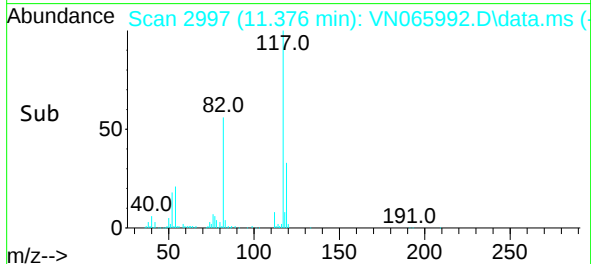
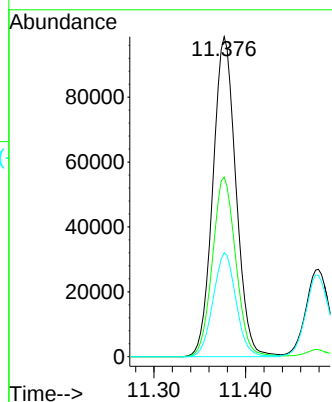
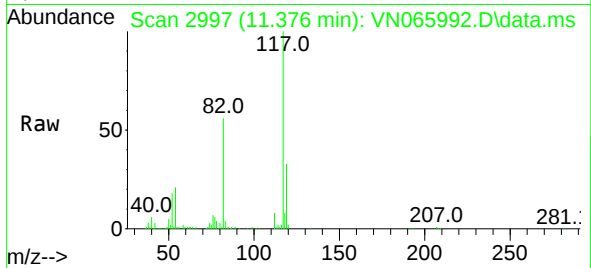




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.376 min Scan# 2997  
Delta R.T. 0.000 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

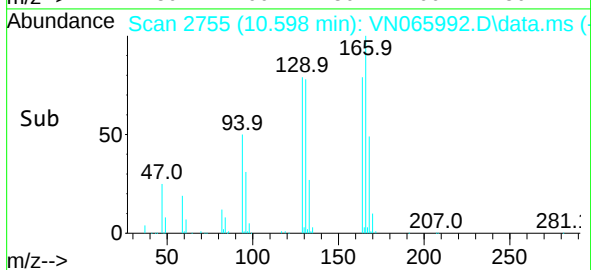
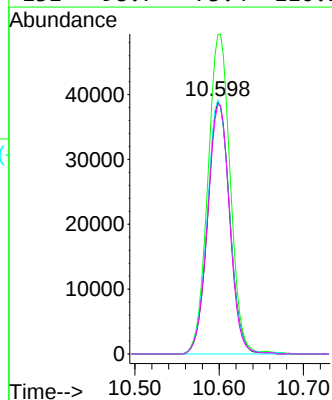
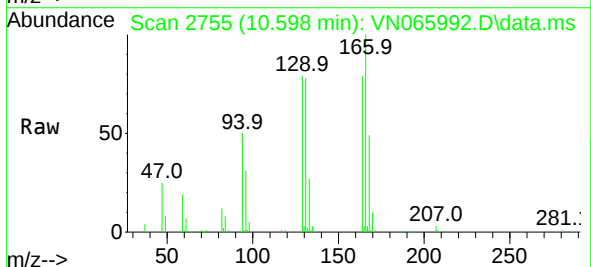
Instrument :  
MSVOA\_N  
ClientSampled :

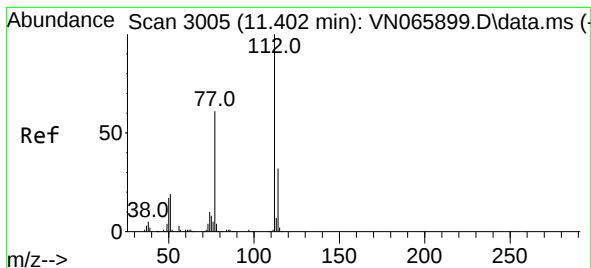
Tgt Ion:117 Resp: 172573  
Ion Ratio Lower Upper  
117 100  
82 56.1 43.7 65.5  
119 32.5 26.1 39.1



#64  
Tetrachloroethene  
Concen: 53.37 ug/l  
RT: 10.598 min Scan# 2755  
Delta R.T. 0.000 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion:164 Resp: 71105  
Ion Ratio Lower Upper  
164 100  
166 126.3 102.6 154.0  
129 100.4 76.2 114.4  
131 98.7 73.4 110.2

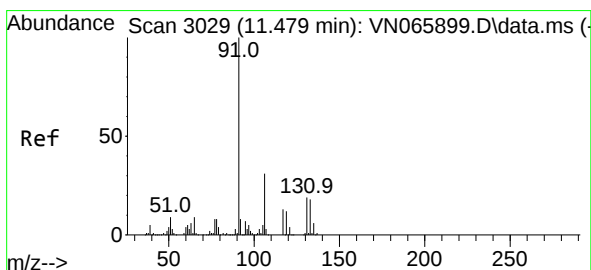
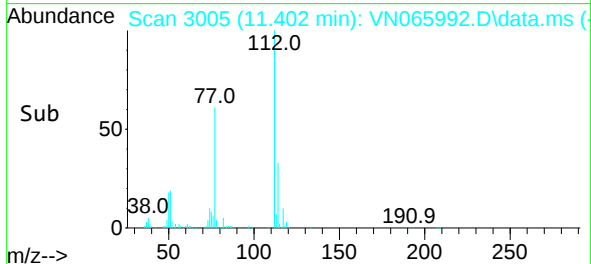
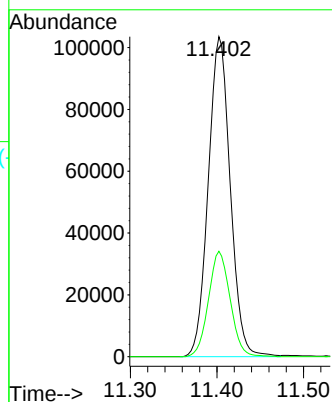
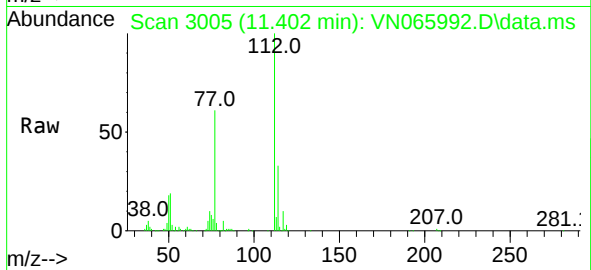




#65  
Chlorobenzene  
Concen: 50.63 ug/l  
RT: 11.402 min Scan# 3005  
Delta R.T. 0.000 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

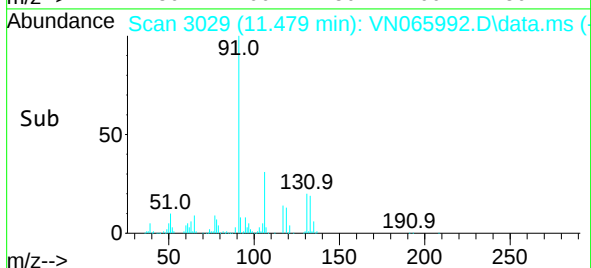
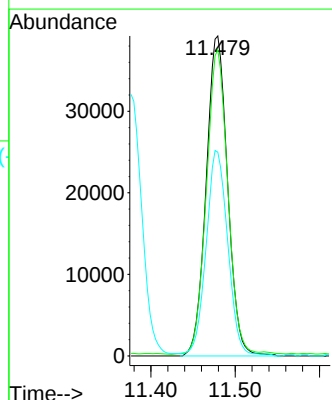
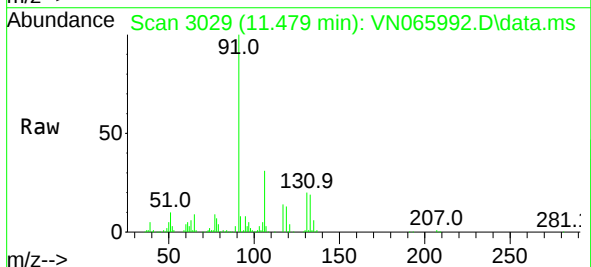
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MSVOA\_N  
ClientSampleId :

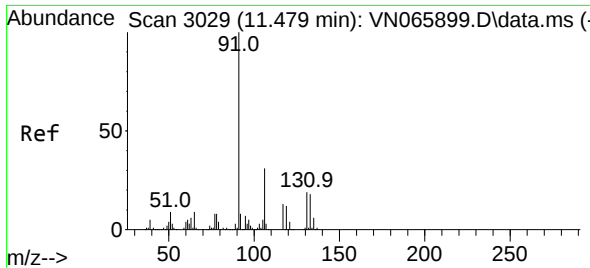
Tgt Ion:112 Resp: 182723  
Ion Ratio Lower Upper  
112 100  
114 33.0 26.1 39.1



#66  
1,1,1,2-Tetrachloroethane  
Concen: 56.10 ug/l  
RT: 11.479 min Scan# 3029  
Delta R.T. 0.000 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion:131 Resp: 69537  
Ion Ratio Lower Upper  
131 100  
133 94.5 48.0 144.0  
119 63.5 34.1 102.2

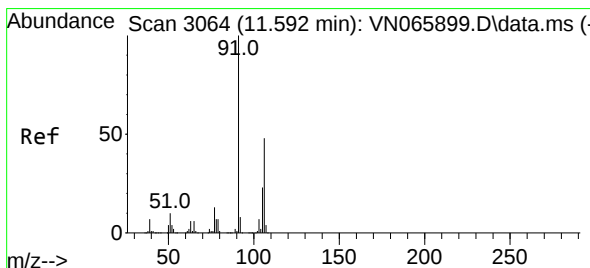
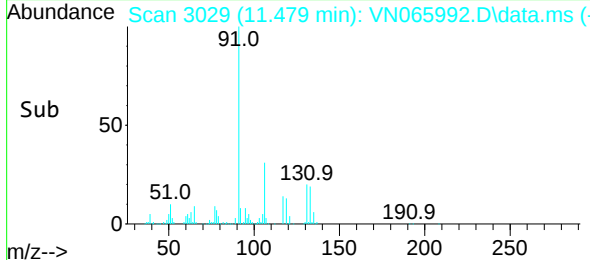
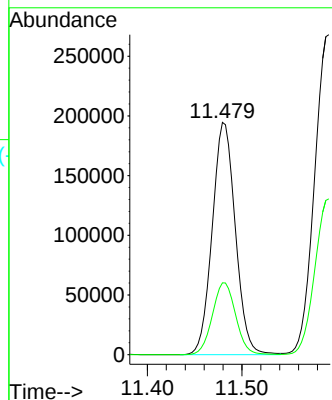
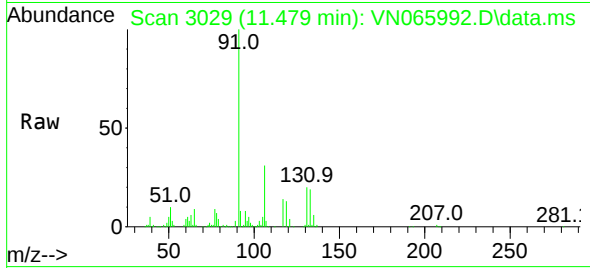




#67  
Ethyl Benzene  
Concen: 50.64 ug/l  
RT: 11.479 min Scan# 3029  
Delta R.T. 0.000 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

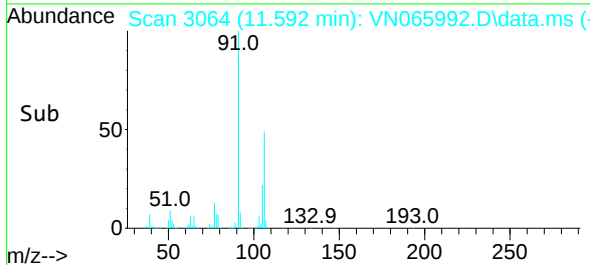
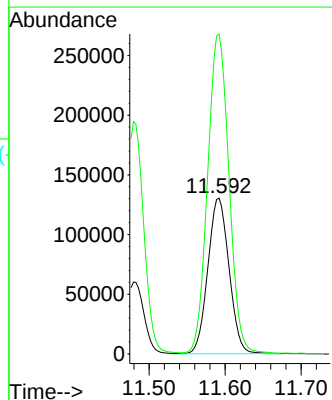
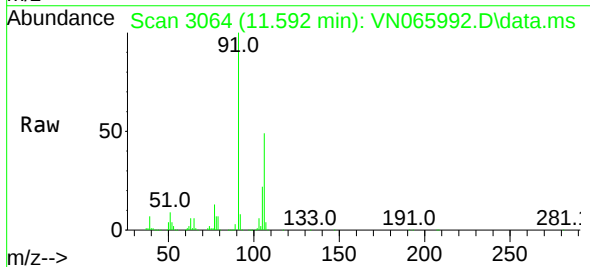
Instrument :  
MSVOA\_N  
ClientSampled :

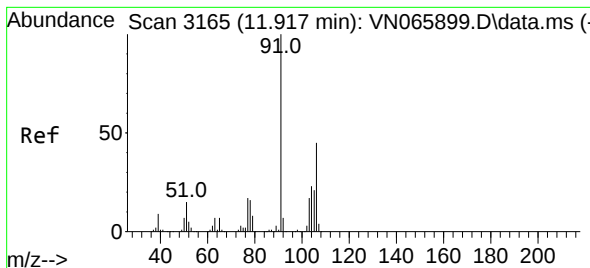
Tgt Ion: 91 Resp: 330751  
Ion Ratio Lower Upper  
91 100  
106 30.9 25.5 38.3



#68  
m/p-Xylenes  
Concen: 103.58 ug/l  
RT: 11.592 min Scan# 3064  
Delta R.T. -0.000 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion: 106 Resp: 252453  
Ion Ratio Lower Upper  
106 100  
91 207.0 161.4 242.0

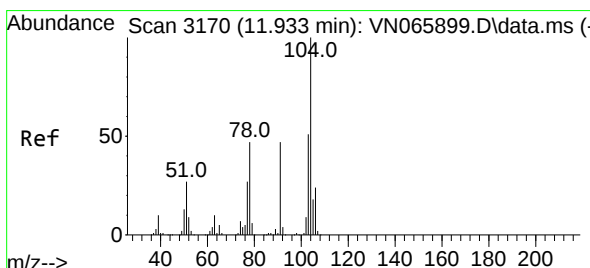
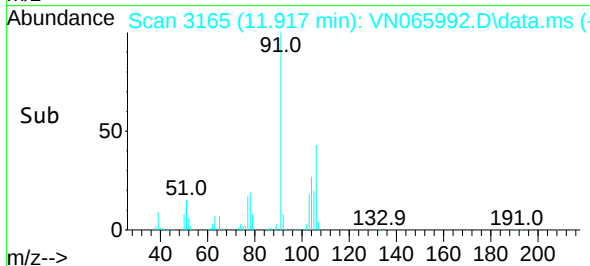
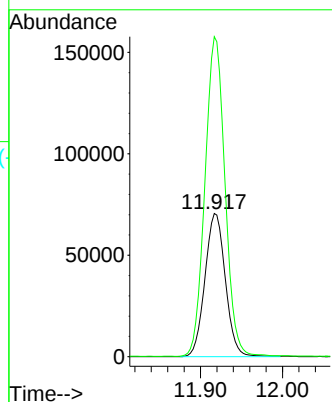
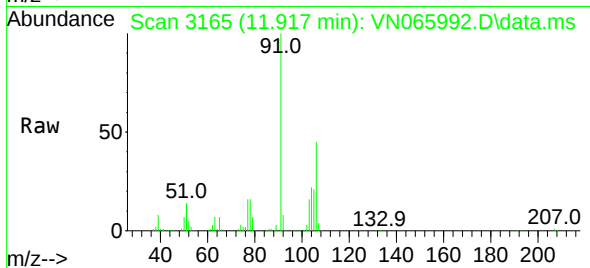




#69  
o-Xylene  
Concen: 52.01 ug/l  
RT: 11.917 min Scan# 3165  
Delta R.T. -0.000 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

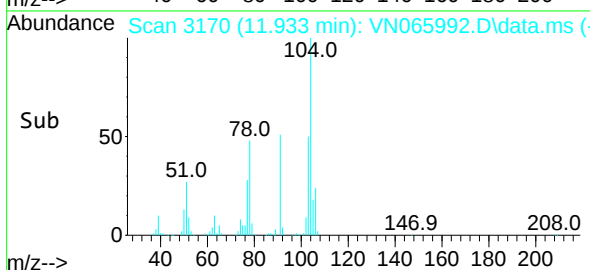
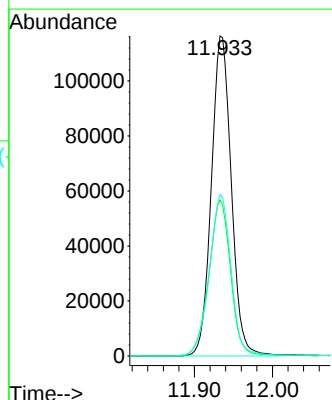
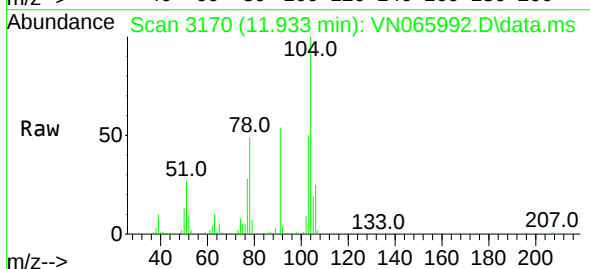
Instrument :  
MSVOA\_N  
ClientSampled :

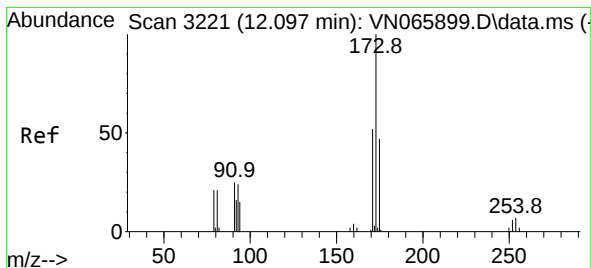
Tgt Ion:106 Resp: 122229  
Ion Ratio Lower Upper  
106 100  
91 219.0 106.8 320.4



#70  
Styrene  
Concen: 53.44 ug/l  
RT: 11.933 min Scan# 3170  
Delta R.T. -0.000 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion:104 Resp: 206769  
Ion Ratio Lower Upper  
104 100  
78 53.2 39.0 58.4  
103 54.8 44.5 66.7

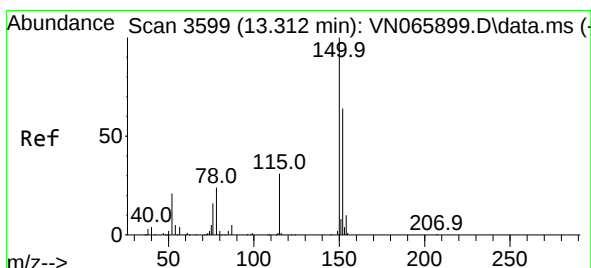
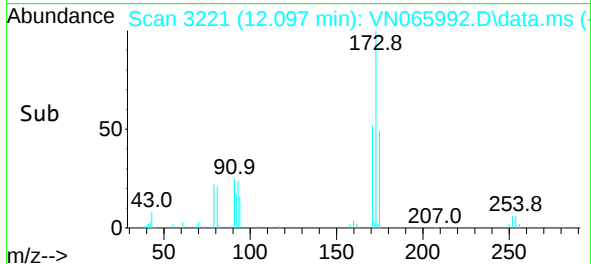
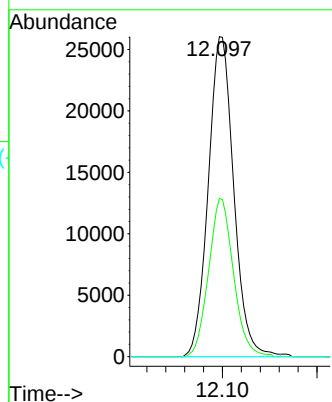
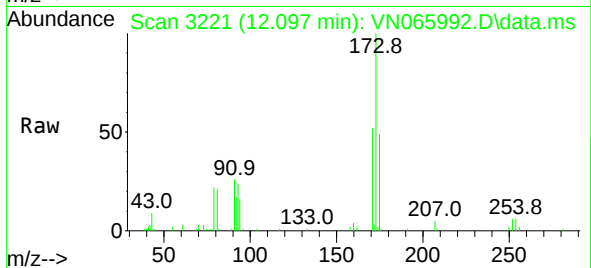




#71  
Bromoform  
Concen: 51.40 ug/l  
RT: 12.097 min Scan# 3221  
Delta R.T. -0.000 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

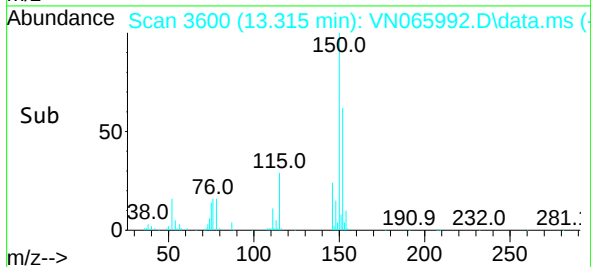
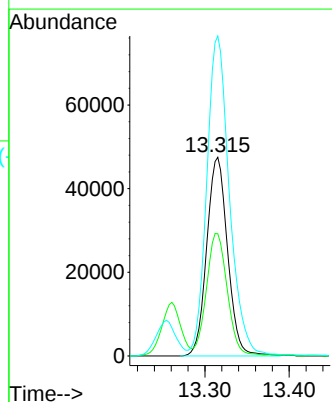
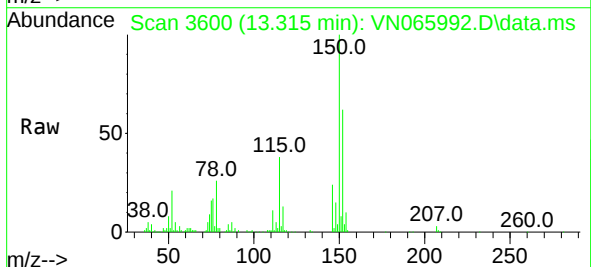
Instrument :  
MSVOA\_N  
ClientSampled :

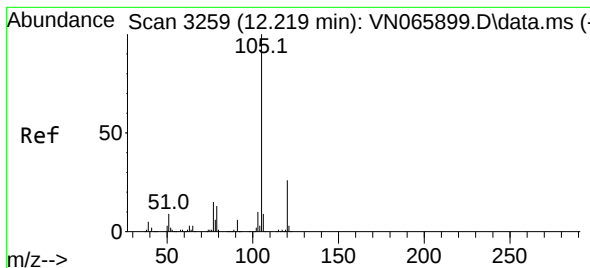
Tgt Ion:173 Resp: 48643  
Ion Ratio Lower Upper  
173 100  
175 48.4 23.8 71.2  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.315 min Scan# 3600  
Delta R.T. 0.003 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion:152 Resp: 81887  
Ion Ratio Lower Upper  
152 100  
115 60.8 28.5 85.6  
150 173.0 0.0 347.6

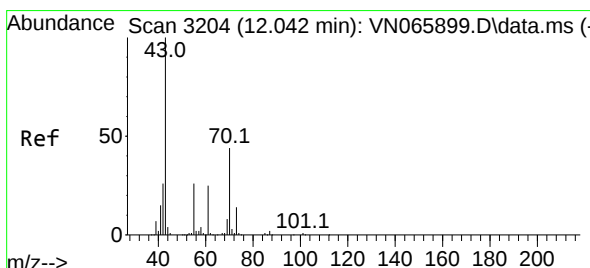
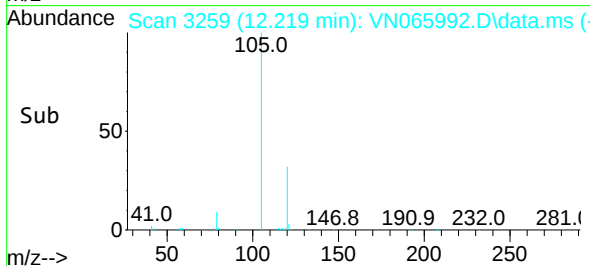
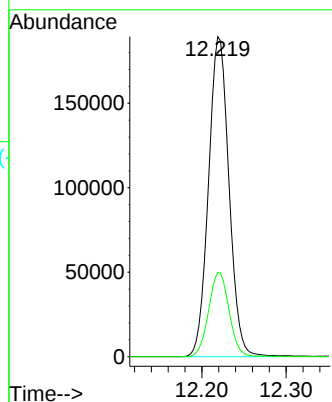
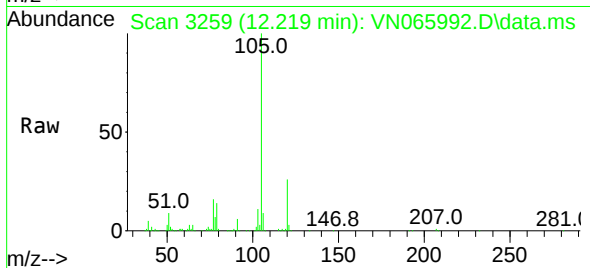




#73  
Isopropylbenzene  
Concen: 47.87 ug/l  
RT: 12.219 min Scan# 3259  
Delta R.T. -0.000 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

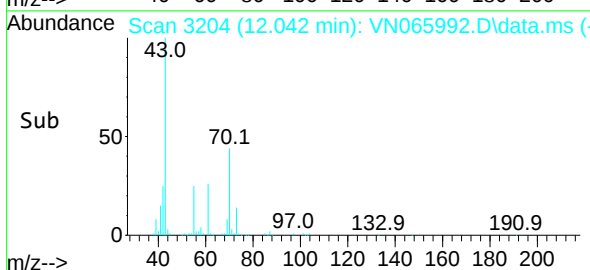
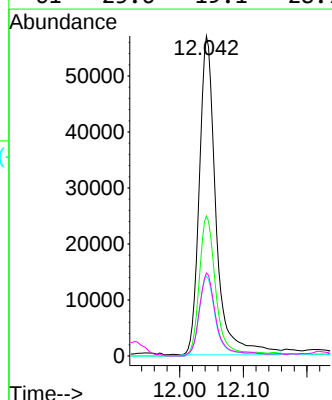
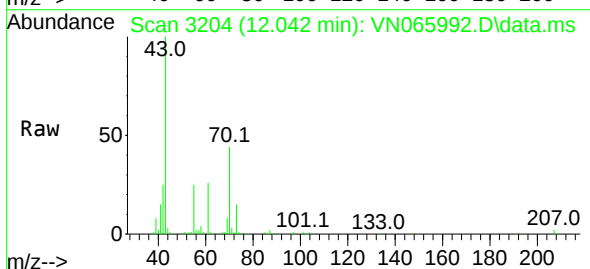
Instrument :  
MSVOA\_N  
ClientSampleId :

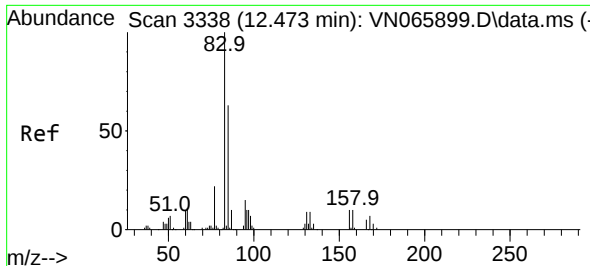
Tgt Ion:105 Resp: 319931  
Ion Ratio Lower Upper  
105 100  
120 26.4 13.3 39.9



#74  
N-ethyl acetate  
Concen: 44.90 ug/l  
RT: 12.042 min Scan# 3204  
Delta R.T. 0.000 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion: 43 Resp: 104092  
Ion Ratio Lower Upper  
43 100  
70 44.1 34.4 51.6  
55 25.4 20.7 31.1  
61 25.6 19.1 28.7

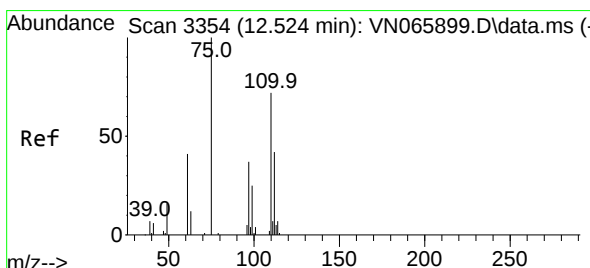
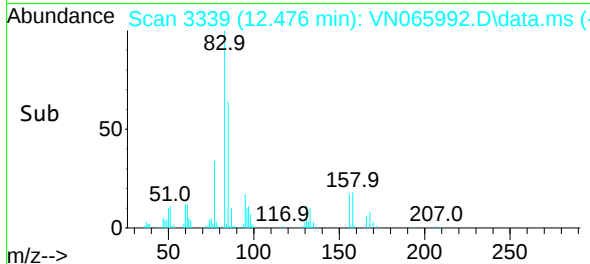
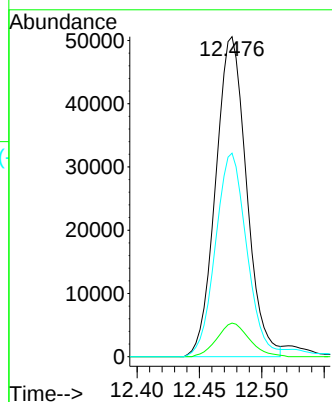
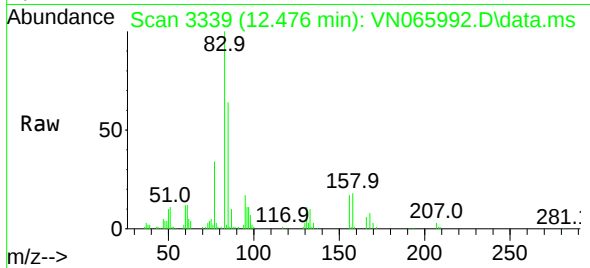




#75  
1,1,2,2-Tetrachloroethane  
Concen: 44.26 ug/l  
RT: 12.476 min Scan# 3339  
Delta R.T. 0.003 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

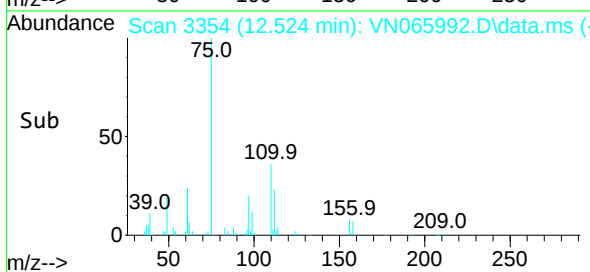
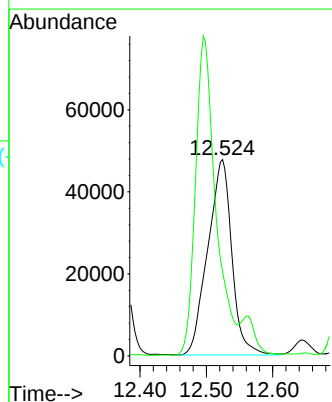
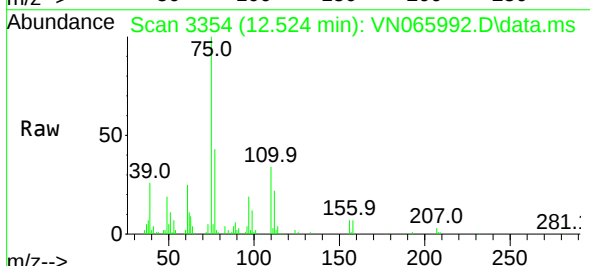
Instrument :  
MSVOA\_N  
ClientSampled :

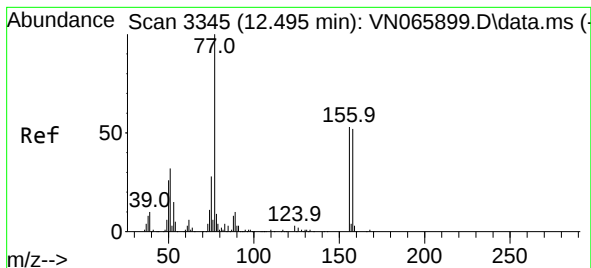
Tgt Ion: 83 Resp: 87281  
Ion Ratio Lower Upper  
83 100  
131 11.0 5.3 15.8  
85 64.7 32.0 96.0



#76  
1,2,3-Trichloropropane  
Concen: 61.06 ug/l  
RT: 12.524 min Scan# 3354  
Delta R.T. 0.000 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion: 75 Resp: 120120  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

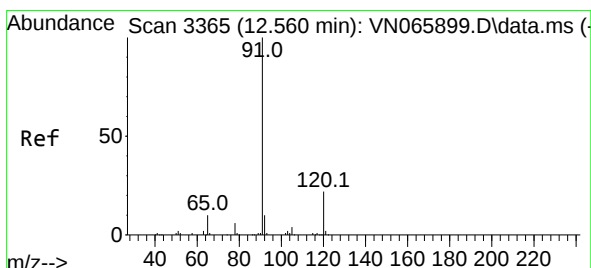
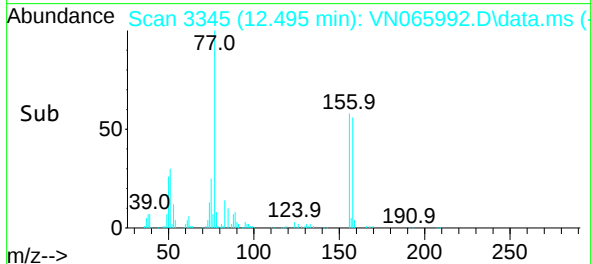
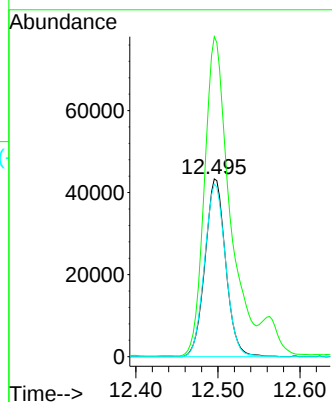
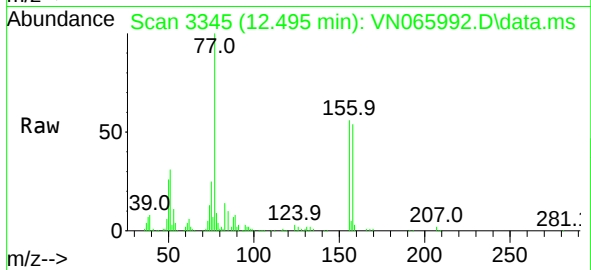




#77  
Bromobenzene  
Concen: 49.68 ug/l  
RT: 12.495 min Scan# 3345  
Delta R.T. 0.000 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

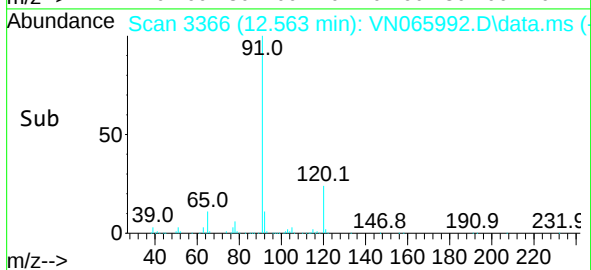
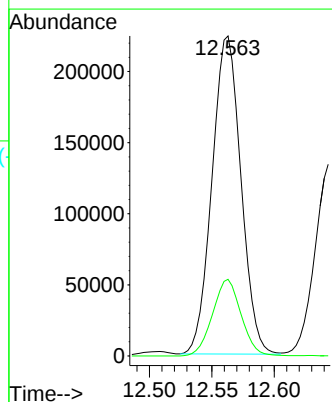
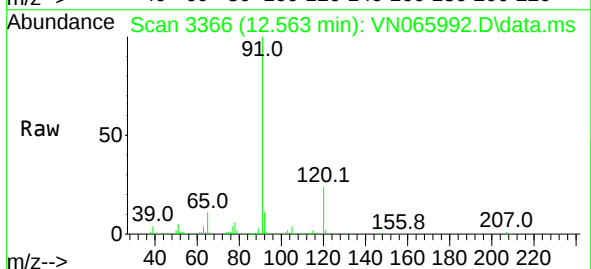
Instrument :  
MSVOA\_N  
ClientSampled :

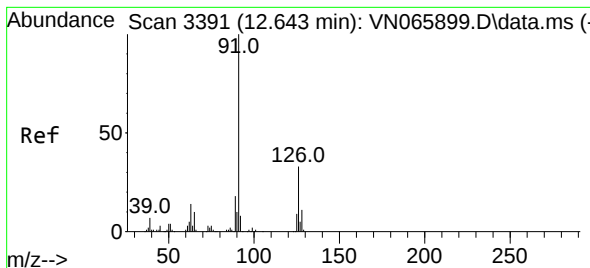
Tgt Ion:156 Resp: 75968  
Ion Ratio Lower Upper  
156 100  
77 217.0 96.3 288.8  
158 99.0 49.0 147.0



#78  
n-propylbenzene  
Concen: 47.56 ug/l  
RT: 12.563 min Scan# 3366  
Delta R.T. 0.003 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion: 91 Resp: 361478  
Ion Ratio Lower Upper  
91 100  
120 23.9 11.8 35.3

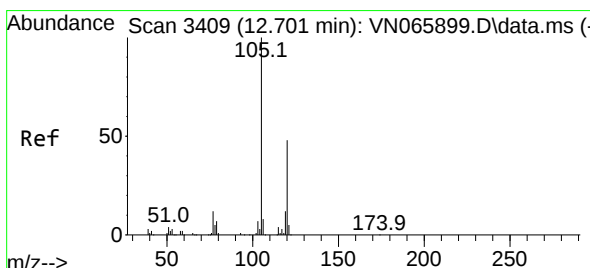
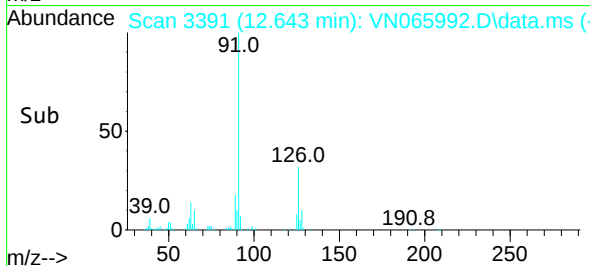
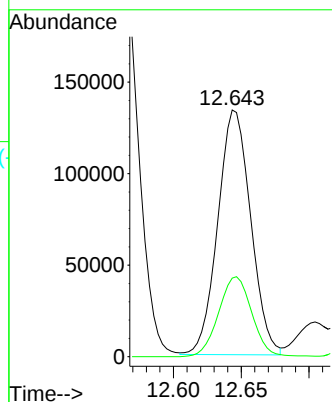
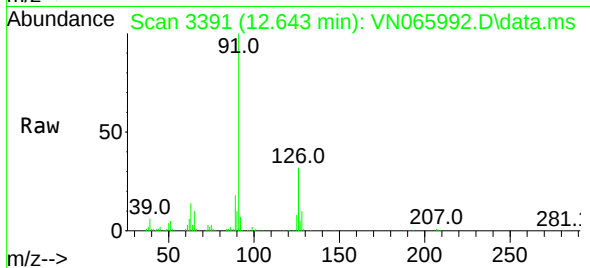




#79  
2-Chlorotoluene  
Concen: 47.42 ug/l  
RT: 12.643 min Scan# 3391  
Delta R.T. 0.000 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

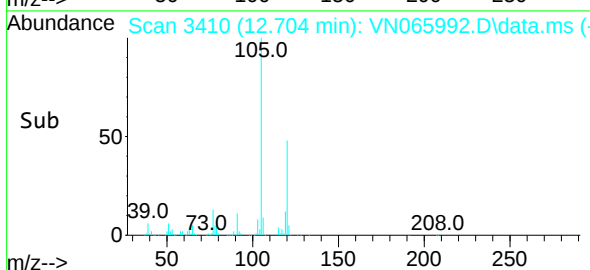
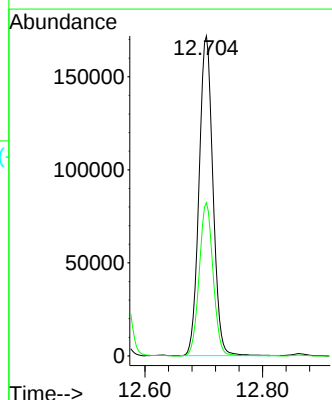
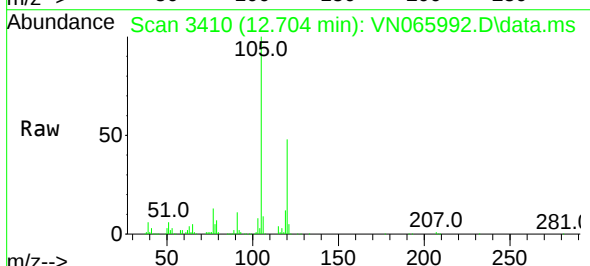
Instrument :  
MSVOA\_N  
ClientSampled :

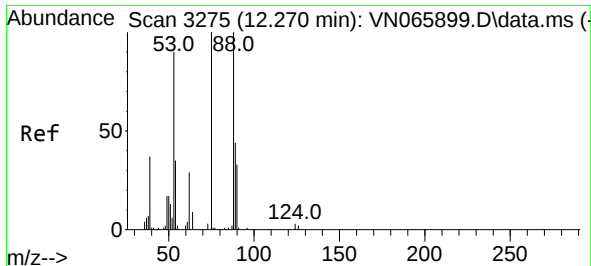
Tgt Ion: 91 Resp: 225892  
Ion Ratio Lower Upper  
91 100  
126 33.1 17.4 52.3



#80  
1,3,5-Trimethylbenzene  
Concen: 49.43 ug/l  
RT: 12.704 min Scan# 3410  
Delta R.T. 0.003 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion: 105 Resp: 280679  
Ion Ratio Lower Upper  
105 100  
120 47.9 24.3 72.8

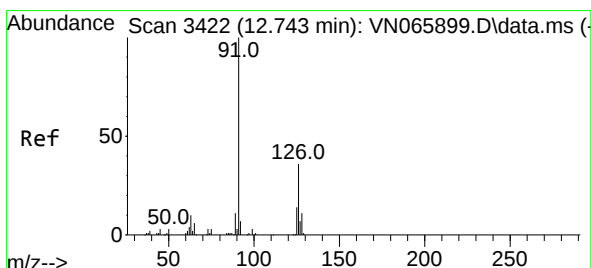
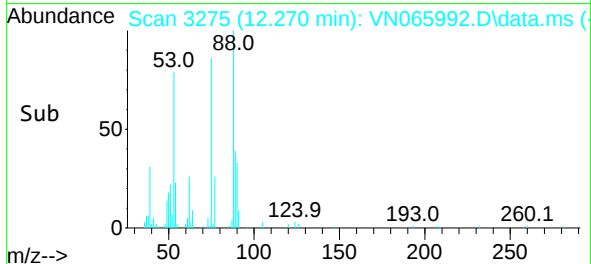
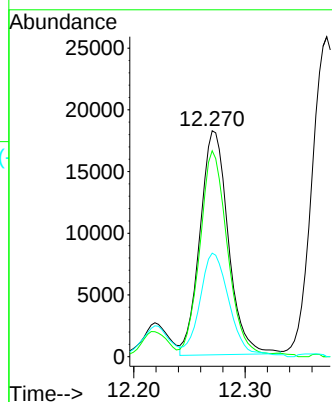
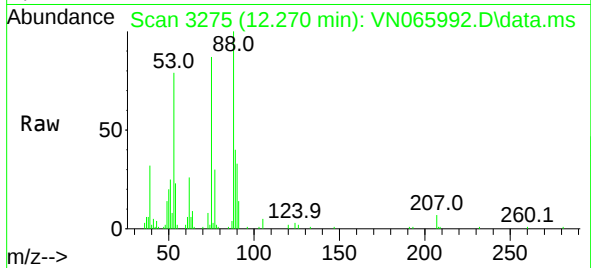




#81  
trans-1,4-Dichloro-2-butene  
Concen: 51.93 ug/l  
RT: 12.270 min Scan# 3275  
Delta R.T. 0.000 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

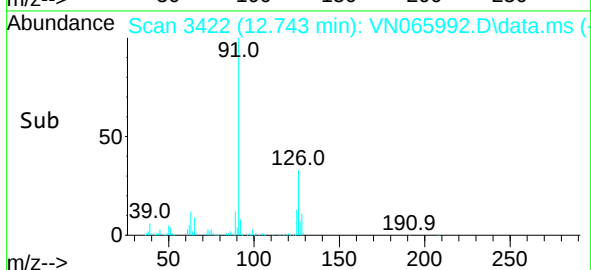
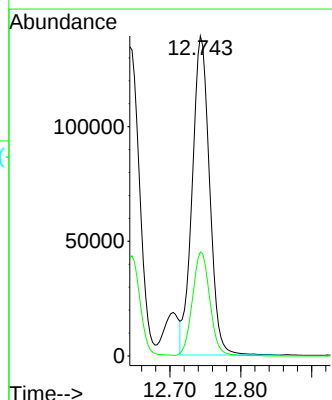
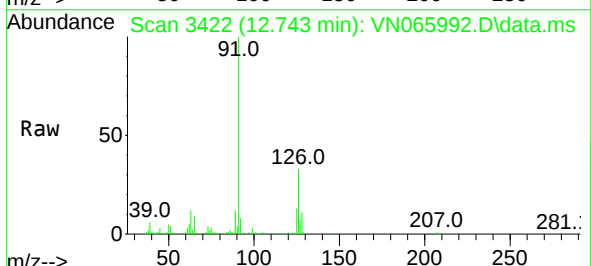
Instrument :  
MSVOA\_N  
ClientSampleId :

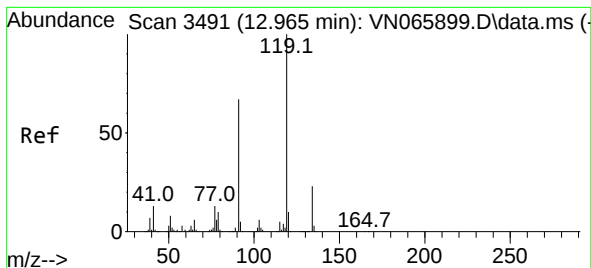
Tgt Ion: 75 Resp: 32055  
Ion Ratio Lower Upper  
75 100  
53 87.6 74.6 111.8  
89 48.4 35.8 53.8



#82  
4-Chlorotoluene  
Concen: 49.10 ug/l  
RT: 12.743 min Scan# 3422  
Delta R.T. 0.000 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion: 91 Resp: 236167  
Ion Ratio Lower Upper  
91 100  
126 32.5 17.2 51.6

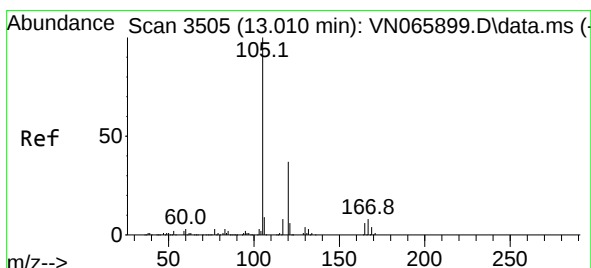
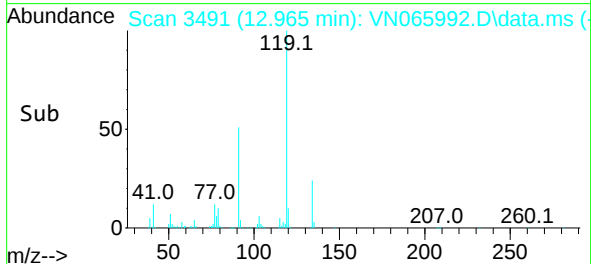
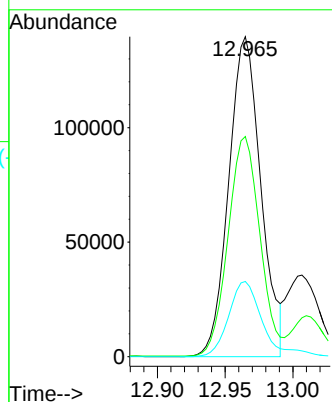
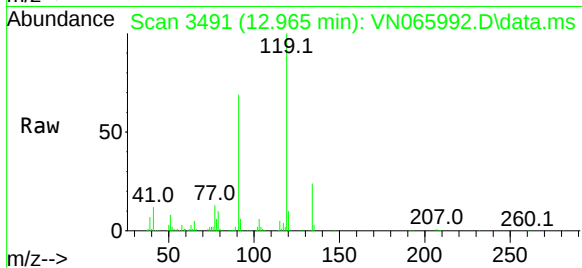




#83  
tert-Butylbenzene  
Concen: 49.16 ug/l  
RT: 12.965 min Scan# 3491  
Delta R.T. -0.000 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

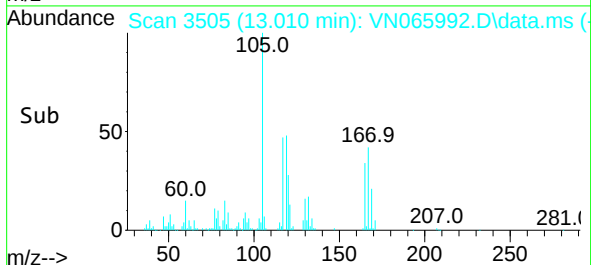
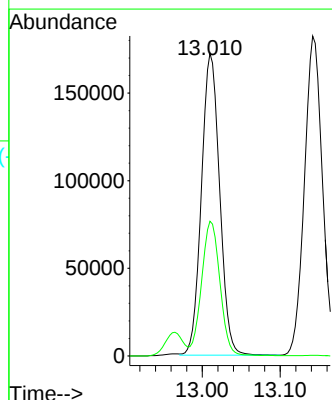
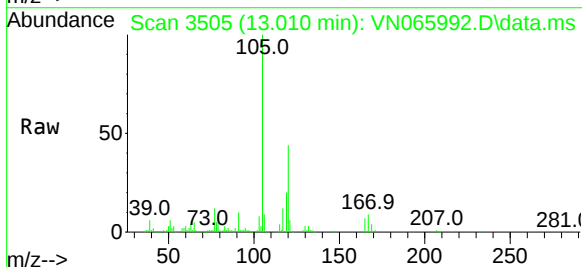
Instrument :  
MSVOA\_N  
ClientSampled :

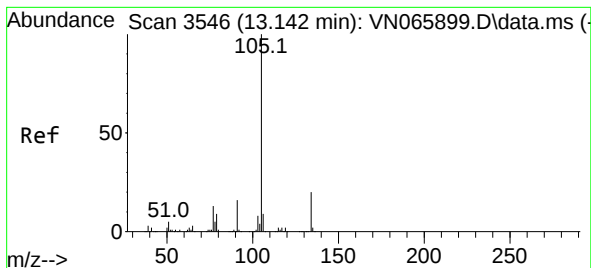
Tgt Ion:119 Resp: 230602  
Ion Ratio Lower Upper  
119 100  
91 68.4 33.0 98.9  
134 24.8 12.7 38.1



#84  
1,2,4-Trimethylbenzene  
Concen: 49.07 ug/l  
RT: 13.010 min Scan# 3505  
Delta R.T. -0.000 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion:105 Resp: 279683  
Ion Ratio Lower Upper  
105 100  
120 44.9 22.4 67.0

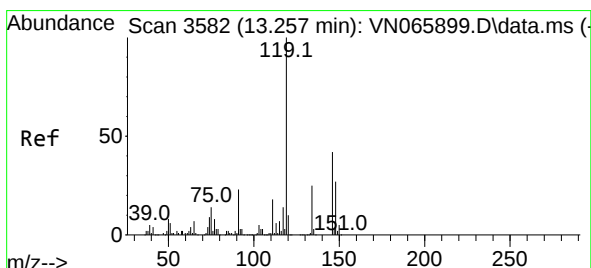
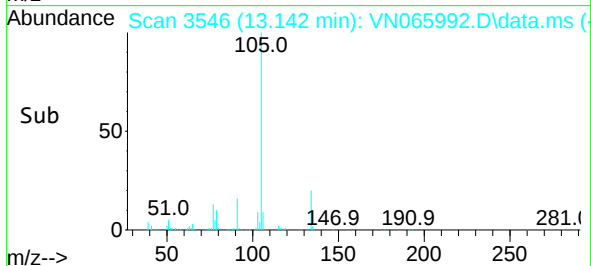
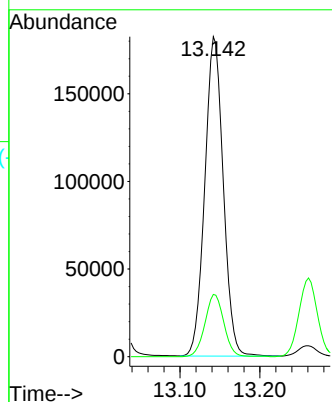
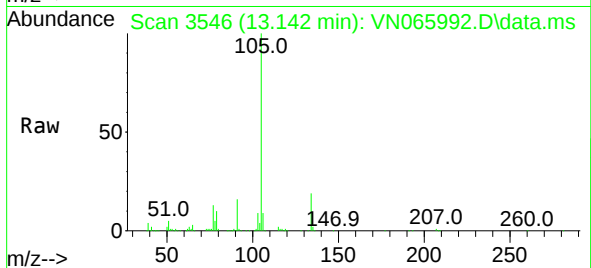




#85  
sec-Butylbenzene  
Concen: 48.16 ug/l  
RT: 13.142 min Scan# 3546  
Delta R.T. -0.000 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

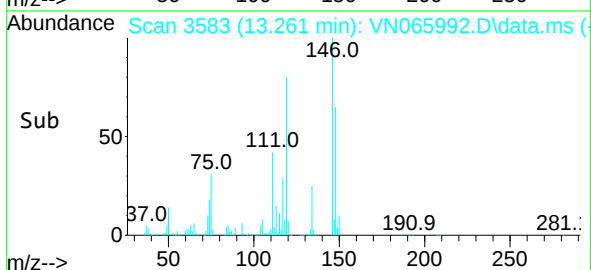
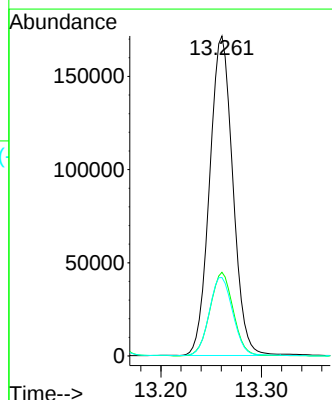
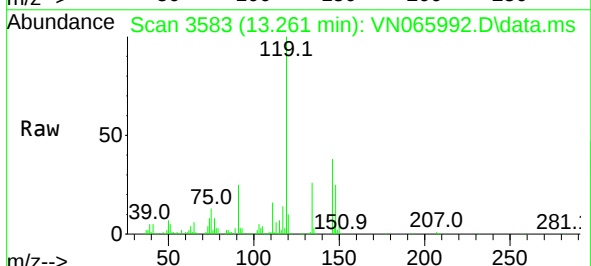
Instrument :  
MSVOA\_N  
ClientSampleId :

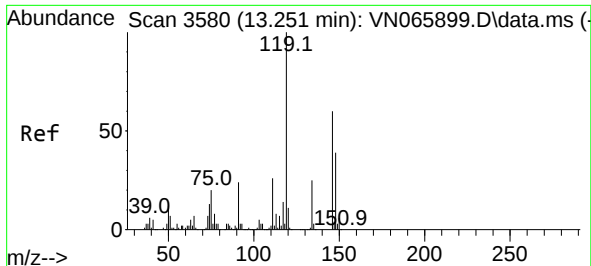
Tgt Ion:105 Resp: 293325  
Ion Ratio Lower Upper  
105 100  
134 19.9 10.0 30.0



#86  
p-Isopropyltoluene  
Concen: 49.69 ug/l  
RT: 13.261 min Scan# 3583  
Delta R.T. 0.004 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion:119 Resp: 274788  
Ion Ratio Lower Upper  
119 100  
134 26.4 13.3 39.8  
91 25.5 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 50.11 ug/l

RT: 13.254 min Scan# 3581

Delta R.T. 0.003 min

Lab File: VN065992.D

Acq: 24 Feb 2021 10:03

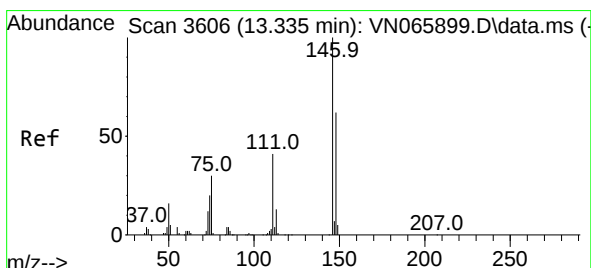
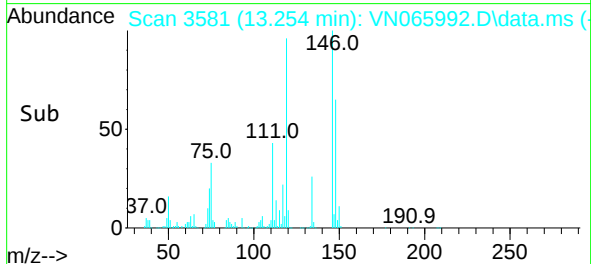
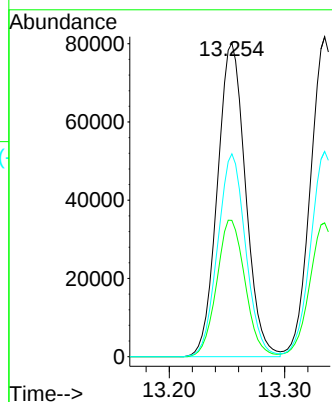
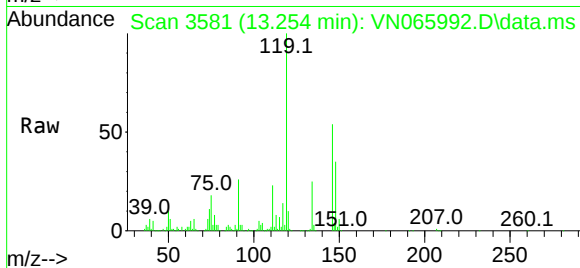
Tgt Ion:146 Resp: 135619

Ion Ratio Lower Upper

146 100

111 43.9 19.5 58.5

148 64.5 32.3 96.9



#88

1,4-Dichlorobenzene

Concen: 51.01 ug/l

RT: 13.335 min Scan# 3606

Delta R.T. -0.000 min

Lab File: VN065992.D

Acq: 24 Feb 2021 10:03

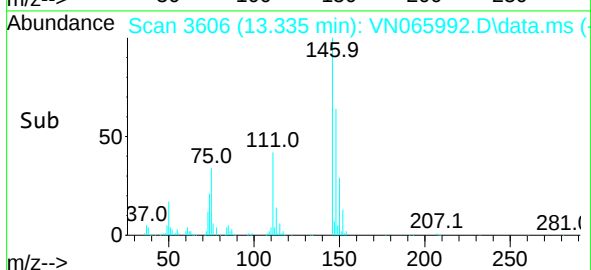
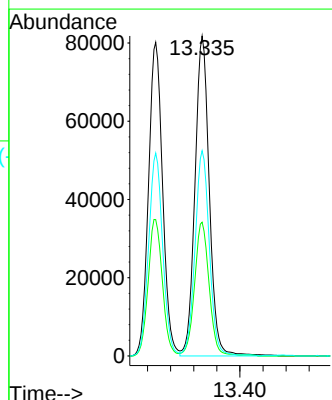
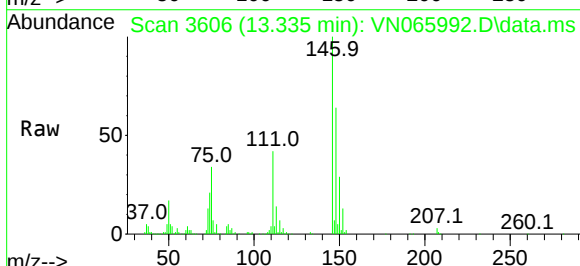
Tgt Ion:146 Resp: 141022

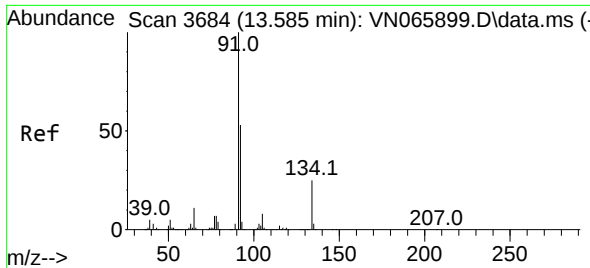
Ion Ratio Lower Upper

146 100

111 41.8 19.0 57.0

148 63.1 31.8 95.3

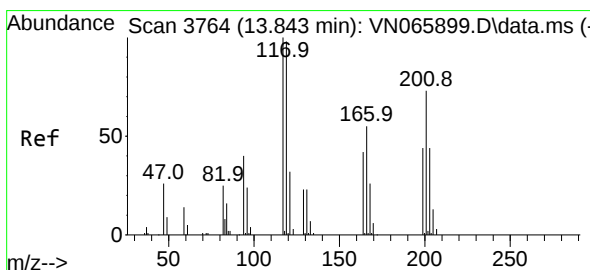
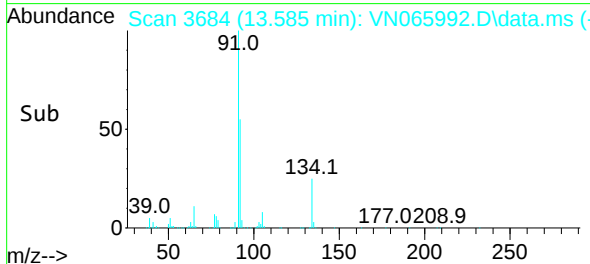
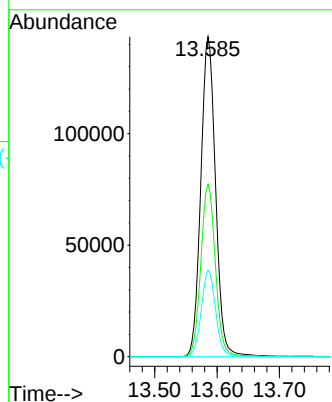
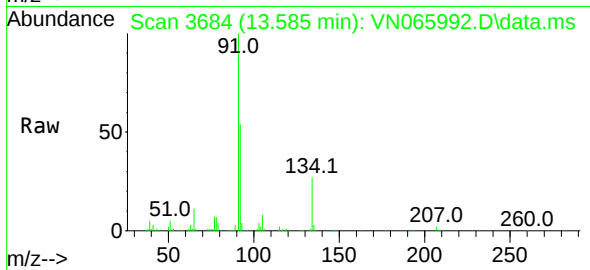




#89  
n-Butylbenzene  
Concen: 50.68 ug/l  
RT: 13.585 min Scan# 3684  
Delta R.T. 0.000 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

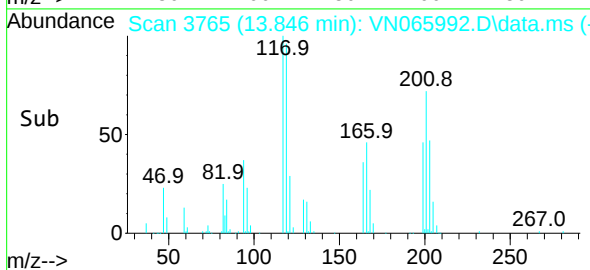
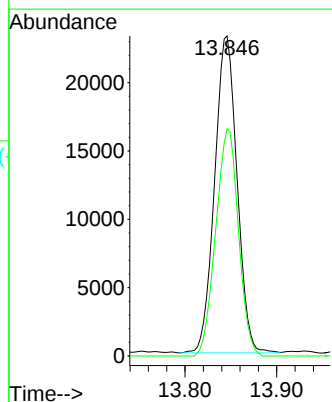
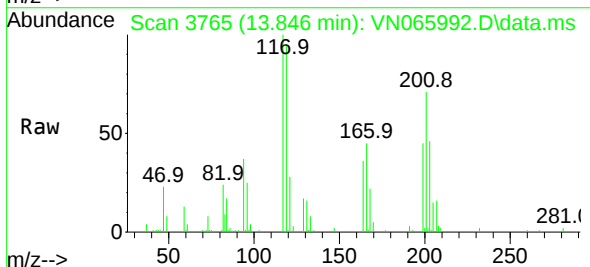
Instrument :  
MSVOA\_N  
ClientSampled :

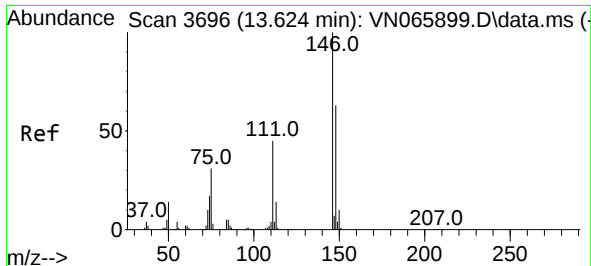
Tgt Ion: 91 Resp: 236297  
Ion Ratio Lower Upper  
91 100  
92 53.3 26.1 78.3  
134 26.5 13.0 38.9



#90  
Hexachloroethane  
Concen: 42.12 ug/l  
RT: 13.846 min Scan# 3765  
Delta R.T. 0.003 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion: 117 Resp: 39437  
Ion Ratio Lower Upper  
117 100  
201 72.4 37.8 113.3

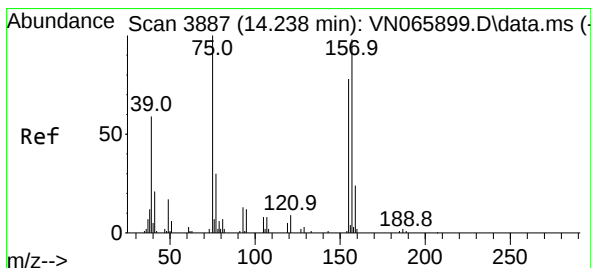
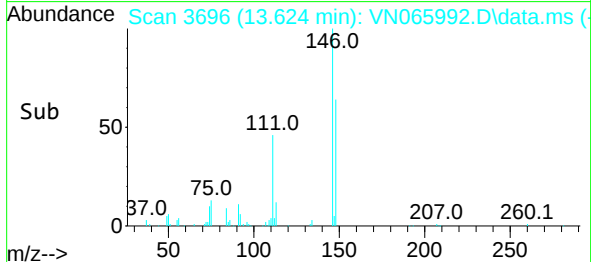
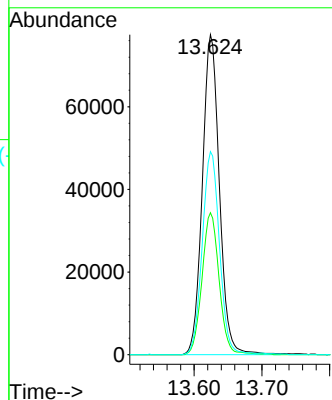
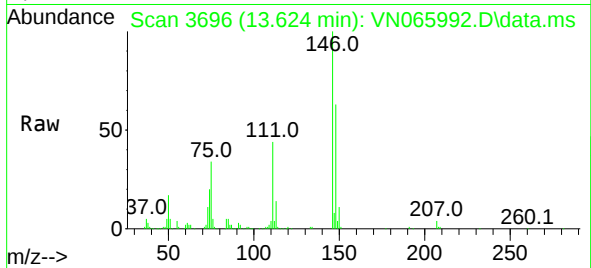




#91  
1,2-Dichlorobenzene  
Concen: 49.94 ug/l  
RT: 13.624 min Scan# 3696  
Delta R.T. -0.000 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

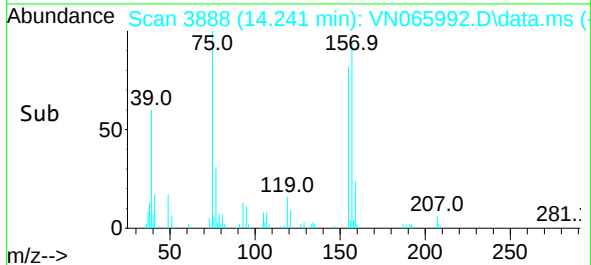
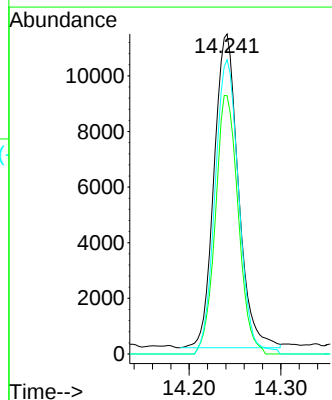
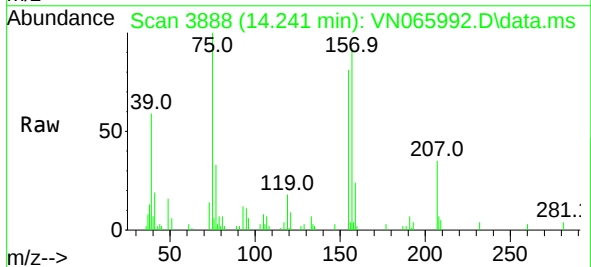
Instrument :  
MSVOA\_N  
ClientSampleId :

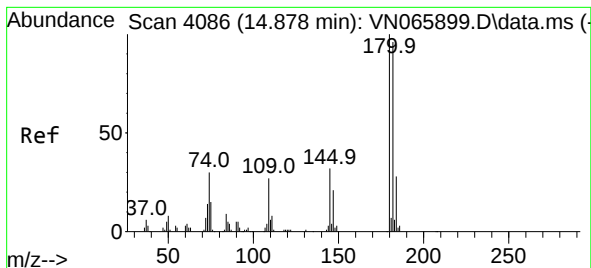
Tgt Ion:146 Resp: 135534  
Ion Ratio Lower Upper  
146 100  
111 44.5 20.1 60.3  
148 64.1 32.0 96.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 53.33 ug/l  
RT: 14.241 min Scan# 3888  
Delta R.T. 0.003 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion: 75 Resp: 20749  
Ion Ratio Lower Upper  
75 100  
155 77.5 44.1 132.4  
157 91.7 56.0 168.2

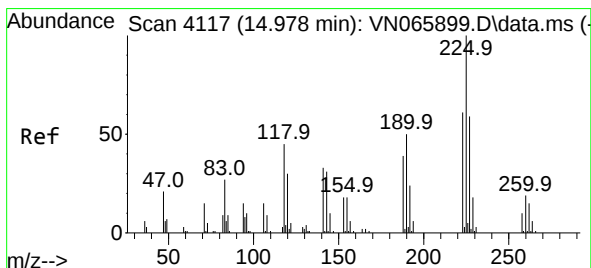
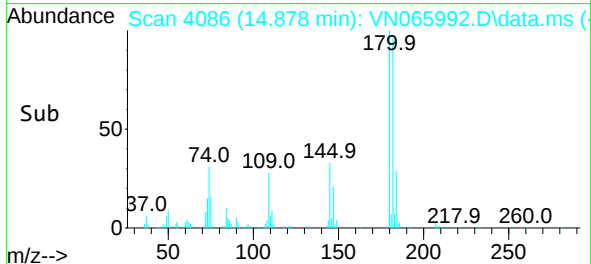
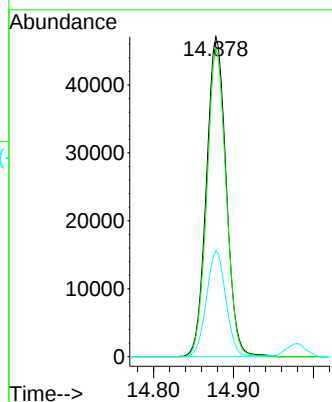
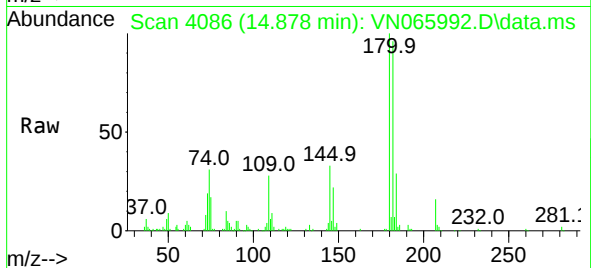




#93  
1,2,4-Trichlorobenzene  
Concen: 55.11 ug/l  
RT: 14.878 min Scan# 4086  
Delta R.T. -0.000 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

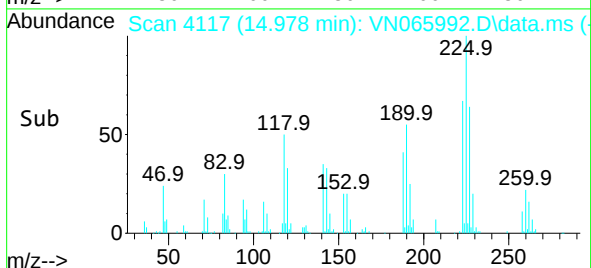
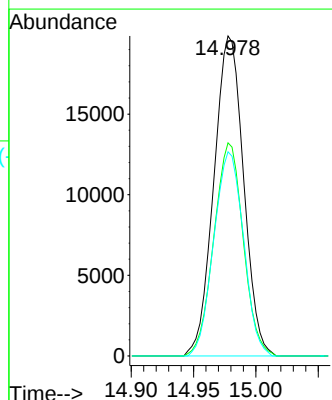
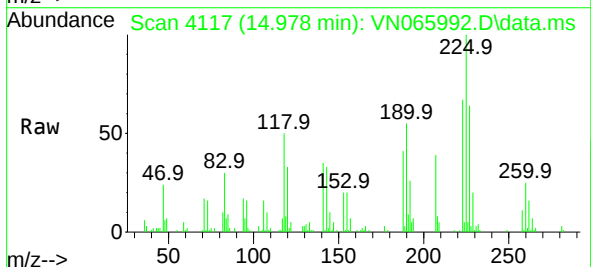
Instrument :  
MSVOA\_N  
ClientSampled :

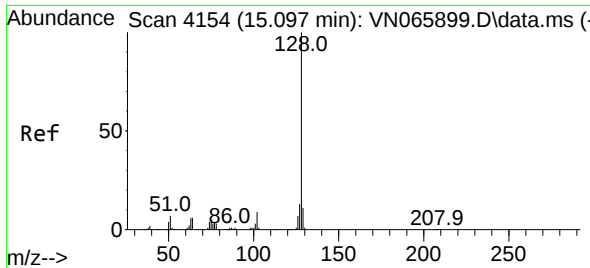
Tgt Ion:180 Resp: 81093  
Ion Ratio Lower Upper  
180 100  
182 93.8 47.3 142.0  
145 32.5 15.6 46.8



#94  
Hexachlorobutadiene  
Concen: 52.23 ug/l  
RT: 14.978 min Scan# 4117  
Delta R.T. -0.000 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion:225 Resp: 32900  
Ion Ratio Lower Upper  
225 100  
223 65.9 31.9 95.9  
227 63.8 31.6 95.0

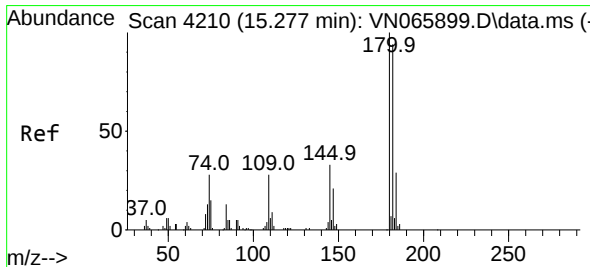
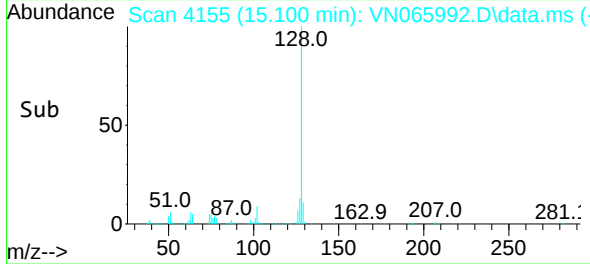
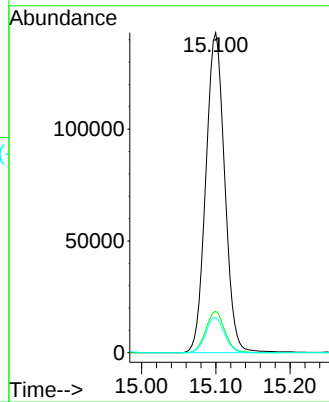
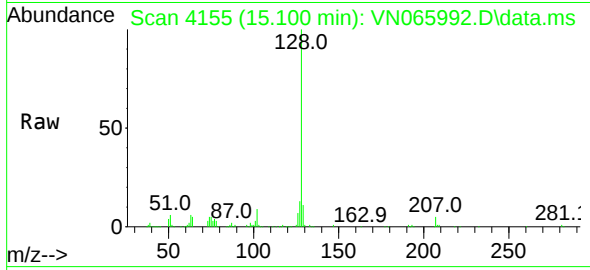




#95  
Naphthalene  
Concen: 52.98 ug/l  
RT: 15.100 min Scan# 4155  
Delta R.T. 0.003 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Instrument :  
MSVOA\_N  
ClientSampled :

Tgt Ion:128 Resp: 252564  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.2 15.2  
129 11.0 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 54.68 ug/l  
RT: 15.280 min Scan# 4211  
Delta R.T. 0.003 min  
Lab File: VN065992.D  
Acq: 24 Feb 2021 10:03

Tgt Ion:180 Resp: 80285  
Ion Ratio Lower Upper  
180 100  
182 93.5 47.4 142.3  
145 35.3 16.5 49.5

