

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN021021\  
 Data File : VN065801.D  
 Acq On : 10 Feb 2021 17:27  
 Operator : JC/MD  
 Sample : VN0210WBS02  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VN0210WBS02

Quant Time: Feb 11 01:33:25 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N020321W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Feb 03 14:50:04 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Bromochloromethane        | 7.148  | 128   | 24315    | 30.00    | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 8.547  | 114   | 137371   | 30.00    | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 11.376 | 117   | 124578   | 30.00    | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 7.984  | 65    | 48907    | 29.00    | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | =      | 96.67%   |
| 60) 4-Bromofluorobenzene     | 12.373 | 95    | 58009    | 28.62    | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | =      | 95.40%   |
| 63) Toluene-d8               | 10.055 | 98    | 176238   | 29.43    | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | =      | 98.10%   |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.837  | 85    | 27124    | 18.67    | ug/l   | 96       |
| 3) Chloromethane             | 2.039  | 50    | 36379    | 17.08    | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.168  | 62    | 37386    | 17.74    | ug/l   | 97       |
| 5) Bromomethane              | 2.534  | 94    | 23973    | 19.07    | ug/l   | 98       |
| 6) Chloroethane              | 2.676  | 64    | 21210    | 17.44    | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 2.991  | 101   | 41914    | 19.19    | ug/l   | 97       |
| 8) Diethyl Ether             | 3.377  | 74    | 17593    | 17.56    | ug/l   | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 3.714  | 101   | 25516    | 19.11    | ug/l   | 87       |
| 10) 1,1-Dichloroethene       | 3.692  | 96    | 26050    | 18.32    | ug/l   | 98       |
| 11) Methyl Iodide            | 3.901  | 142   | 38677    | 19.31    | ug/l   | 100      |
| 12) Methyl Acetate           | 4.280  | 43    | 28023    | 16.27    | ug/l   | 99       |
| 13) Acrolein                 | 3.566  | 56    | 19486    | 84.27    | ug/l   | 99       |
| 14) Acrylonitrile            | 4.930  | 53    | 60924    | 79.60    | ug/l # | 89       |
| 15) Acetone                  | 3.779  | 58    | 17378    | 74.21    | ug/l   | 92       |
| 16) Carbon Disulfide         | 3.997  | 76    | 73748    | 16.54    | ug/l   | 98       |
| 17) Allyl chloride           | 4.267  | 41    | 42036    | 15.58    | ug/l   | 94       |
| 18) Methylene Chloride       | 4.496  | 84    | 30590    | 18.25    | ug/l   | 99       |
| 19) trans-1,2-Dichloroethene | 4.978  | 96    | 27251    | 17.53    | ug/l   | 93       |
| 20) Diisopropyl ether        | 5.904  | 45    | 85477    | 15.70    | ug/l   | 98       |
| 21) 1,1-Dichloroethane       | 5.795  | 63    | 50288    | 16.74    | ug/l   | 98       |
| 22) cis-1,2-Dichloroethene   | 6.775  | 96    | 31634    | 17.71    | ug/l   | 98       |
| 23) tert-Butyl Alcohol       | 4.759  | 59    | 21465    | 78.39    | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 4.997  | 73    | 79750    | 16.78    | ug/l   | 97       |
| 25) Chloroform               | 7.325  | 83    | 48449    | 17.78    | ug/l   | 96       |
| 26) Cyclohexane              | 7.608  | 56    | 45528    | 16.20    | ug/l # | 94       |
| 29) 1,1-Dichloropropene      | 7.750  | 75    | 38016    | 17.14    | ug/l   | 84       |
| 30) 2-Butanone               | 6.791  | 43    | 75975    | 76.51    | ug/l   | 99       |
| 31) 2,2-Dichloropropane      | 6.766  | 77    | 37724    | 16.25    | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 7.525  | 97    | 38247    | 17.38    | ug/l   | 99       |
| 33) Carbon Tetrachloride     | 7.727  | 117   | 31432    | 17.29    | ug/l   | 99       |
| 34) Benzene                  | 7.997  | 78    | 121100   | 17.67    | ug/l   | 98       |
| 35) Methacrylonitrile        | 7.129  | 41    | 15279    | 14.64    | ug/l   | 98       |
| 36) 1,2-Dichloroethane       | 8.084  | 62    | 35629    | 17.31    | ug/l   | 95       |
| 37) Trichloroethene          | 8.798  | 130   | 31062    | 18.77    | ug/l   | 92       |
| 38) Methylcyclohexane        | 9.042  | 83    | 46032    | 17.50    | ug/l   | 98       |
| 39) 1,2-Dichloropropane      | 9.081  | 63    | 31263    | 16.79    | ug/l   | 98       |
| 40) Dibromomethane           | 9.174  | 93    | 18766    | 17.79    | ug/l   | 88       |
| 41) Bromodichloromethane     | 9.367  | 83    | 35181    | 16.46    | ug/l   | 95       |
| 42) Vinyl Acetate            | 5.846  | 43    | 333626   | 76.70    | ug/l   | 99       |

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 Sample : VN0210WBS02  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 13 Sample Multiplier: 1

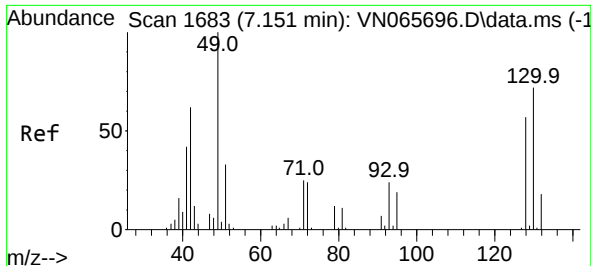
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VN0210WBS02

Quant Time: Feb 11 01:33:25 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N020321W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Feb 03 14:50:04 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 43) Ethyl Acetate             | 6.888  | 43   | 33665    | 16.55  | ug/l   | 95       |
| 44) Isopropyl Acetate         | 8.126  | 43   | 54639    | 15.54  | ug/l   | 95       |
| 45) 1,4-Dioxane               | 9.164  | 88   | 10331    | 354.17 | ug/l   | 94       |
| 46) Methyl methacrylate       | 9.164  | 41   | 26992    | 16.01  | ug/l   | 96       |
| 47) n-amyl Acetate            | 12.039 | 43   | 44264    | 15.04  | ug/l   | 97       |
| 48) t-1,3-Dichloropropene     | 10.348 | 75   | 40695    | 16.12  | ug/l   | 94       |
| 49) cis-1,3-Dichloropropene   | 9.804  | 75   | 46510    | 16.26  | ug/l   | 94       |
| 50) 1,1,2-Trichloroethane     | 10.528 | 97   | 28145    | 18.23  | ug/l   | 96       |
| 51) Ethyl methacrylate        | 10.396 | 69   | 40534    | 16.30  | ug/l   | 93       |
| 52) 1,3-Dichloropropane       | 10.676 | 76   | 48232    | 17.44  | ug/l   | 100      |
| 53) Dibromochloromethane      | 10.872 | 129  | 27371    | 17.49  | ug/l   | 97       |
| 54) 1,2-Dibromoethane         | 10.975 | 107  | 28666    | 18.52  | ug/l   | 96       |
| 55) 2-Chloroethyl vinyl ether | 9.659  | 63   | 89754    | 81.23  | ug/l   | 99       |
| 56) Bromoform                 | 12.097 | 173  | 16987    | 17.18  | ug/l # | 95       |
| 58) 4-Methyl-2-Pentanone      | 9.952  | 43   | 163564   | 79.04  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.721 | 43   | 114215   | 77.11  | ug/l   | 98       |
| 61) Tetrachloroethene         | 10.598 | 164  | 31287    | 19.07  | ug/l   | 93       |
| 62) Toluene                   | 10.119 | 91   | 128513   | 17.64  | ug/l   | 99       |
| 64) Chlorobenzene             | 11.402 | 112  | 79087    | 18.40  | ug/l   | 99       |
| 65) 1,1,1,2-Tetrachloroethane | 11.479 | 131  | 25968    | 17.38  | ug/l   | 96       |
| 66) Ethyl Benzene             | 11.479 | 91   | 137850   | 17.68  | ug/l   | 99       |
| 67) m/p-Xylenes               | 11.592 | 106  | 105122   | 36.21  | ug/l   | 98       |
| 68) o-Xylene                  | 11.917 | 106  | 50383    | 17.82  | ug/l   | 97       |
| 69) Styrene                   | 11.933 | 104  | 81613    | 17.85  | ug/l   | 99       |
| 70) Isopropylbenzene          | 12.219 | 105  | 132124   | 18.19  | ug/l   | 99       |
| 71) 1,1,2,2-Tetrachloroethane | 12.473 | 83   | 38247    | 17.95  | ug/l   | 99       |
| 72) 1,2,3-Trichloropropane    | 12.524 | 75   | 47601    | 22.81  | ug/l   | 70       |
| 73) Bromobenzene              | 12.495 | 156  | 31029    | 18.97  | ug/l   | 80       |
| 74) n-propylbenzene           | 12.560 | 91   | 149221   | 17.78  | ug/l   | 97       |
| 75) 2-Chlorotoluene           | 12.643 | 91   | 91563    | 18.01  | ug/l   | 93       |
| 76) 1,3,5-Trimethylbenzene    | 12.701 | 105  | 111074   | 18.26  | ug/l   | 100      |
| 77) t-1,4-Dichloro-2-butene   | 12.270 | 75   | 11797    | 14.48  | ug/l   | 95       |
| 78) 4-Chlorotoluene           | 12.743 | 91   | 88444    | 17.48  | ug/l   | 96       |
| 79) tert-butylbenzene         | 12.962 | 119  | 93137    | 18.54  | ug/l   | 99       |
| 80) 1,2,4-Trimethylbenzene    | 13.010 | 105  | 110848   | 18.21  | ug/l   | 99       |
| 81) sec-Butylbenzene          | 13.142 | 105  | 122452   | 18.26  | ug/l   | 96       |
| 82) p-Isopropyltoluene        | 13.257 | 119  | 109288   | 18.30  | ug/l   | 98       |
| 83) 1,3-Dichlorobenzene       | 13.254 | 146  | 54010    | 18.87  | ug/l   | 97       |
| 84) 1,4-Dichlorobenzene       | 13.331 | 146  | 51682    | 18.41  | ug/l   | 98       |
| 85) n-Butylbenzene            | 13.585 | 91   | 88906    | 17.06  | ug/l   | 98       |
| 86) Hexachloroethane          | 13.843 | 117  | 17032    | 16.43  | ug/l   | 76       |
| 87) 1,2-Dichlorobenzene       | 13.624 | 146  | 52927    | 18.50  | ug/l   | 98       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.241 | 75   | 5891     | 14.35  | ug/l   | 86       |
| 89) 1,2,4-Trichlorobenzene    | 14.878 | 180  | 23317    | 15.63  | ug/l   | 98       |
| 90) Hexachlorobutadiene       | 14.978 | 225  | 13259    | 19.60  | ug/l   | 98       |
| 91) Naphthalene               | 15.100 | 128  | 67931    | 14.22  | ug/l   | 100      |
| 92) 1,2,3-Trichlorobenzene    | 15.280 | 180  | 24572    | 16.42  | ug/l   | 98       |

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

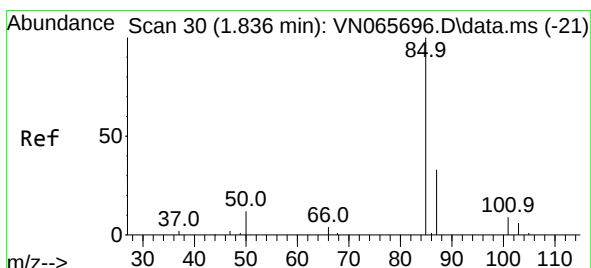
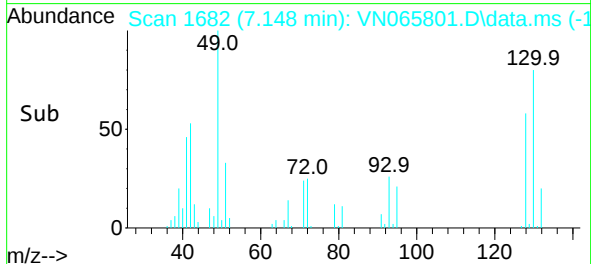
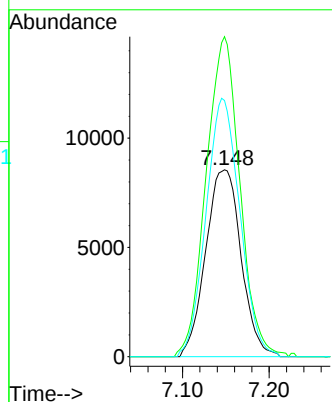
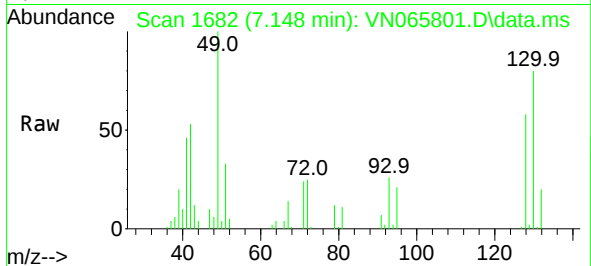




#1  
Bromochloromethane  
Concen: 30.00 ug/l  
RT: 7.148 min Scan# 1682  
Delta R.T. -0.003 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

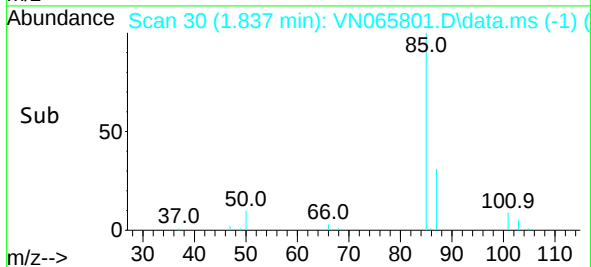
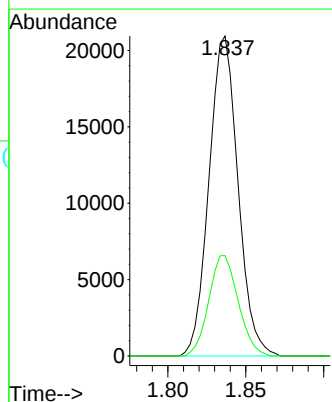
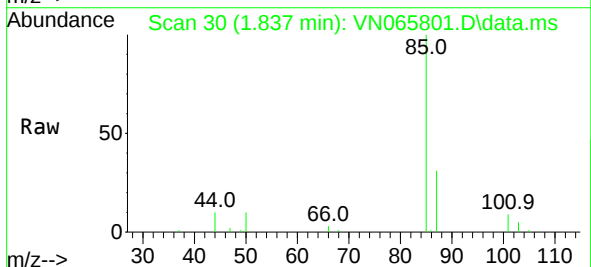
Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

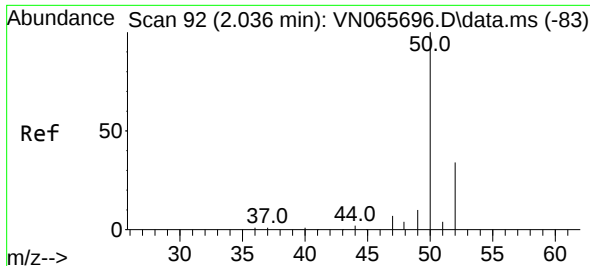
Tgt Ion:128 Resp: 24315  
Ion Ratio Lower Upper  
128 100  
49 162.7 0.0 355.0  
130 132.3 0.0 325.5



#2  
Dichlorodifluoromethane  
Concen: 18.67 ug/l  
RT: 1.837 min Scan# 30  
Delta R.T. 0.000 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion: 85 Resp: 27124  
Ion Ratio Lower Upper  
85 100  
87 31.3 14.6 43.8

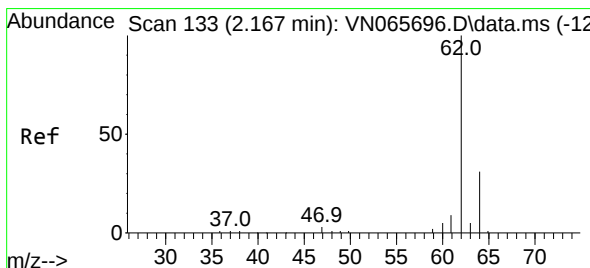
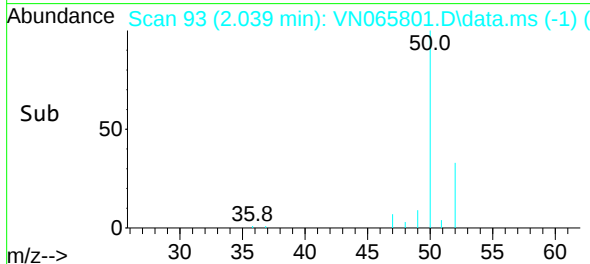
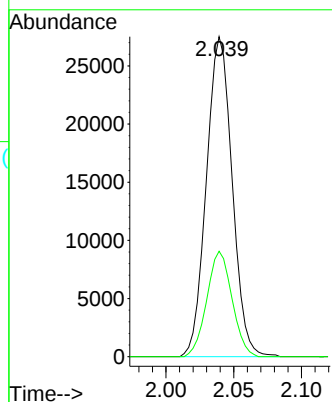
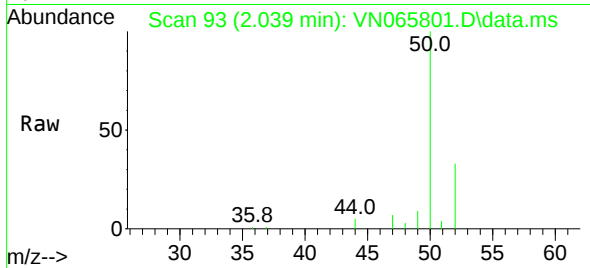




#3  
Chloromethane  
Concen: 17.08 ug/l  
RT: 2.039 min Scan# 93  
Delta R.T. 0.004 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

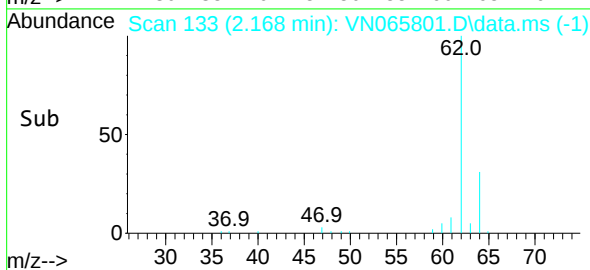
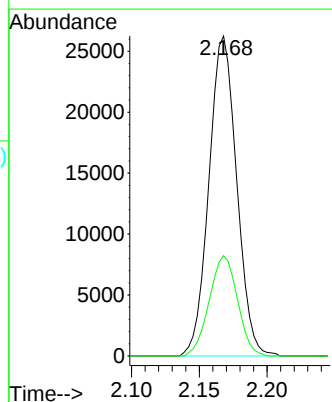
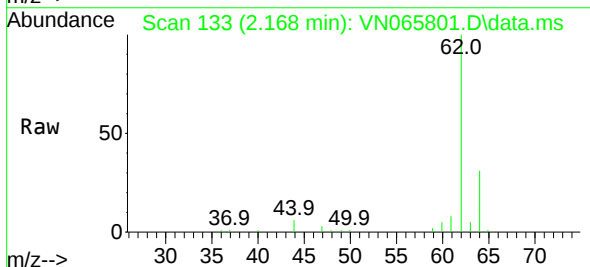
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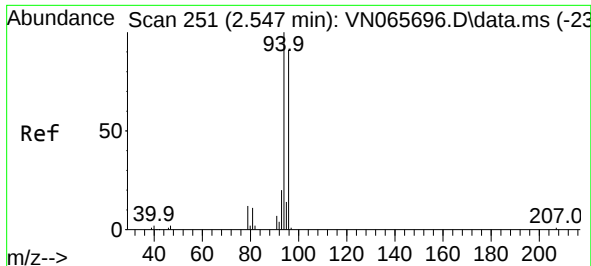
Tgt Ion: 50 Resp: 36379  
Ion Ratio Lower Upper  
50 100  
52 33.0 26.8 40.2



#4  
Vinyl Chloride  
Concen: 17.74 ug/l  
RT: 2.168 min Scan# 133  
Delta R.T. 0.000 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion: 62 Resp: 37386  
Ion Ratio Lower Upper  
62 100  
64 31.4 26.2 39.4

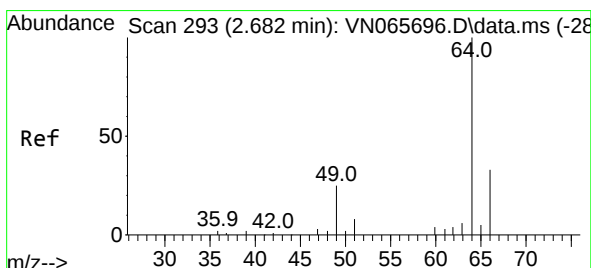
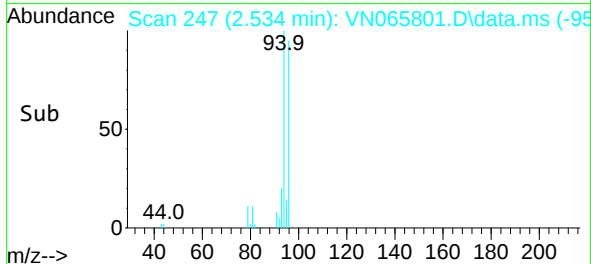
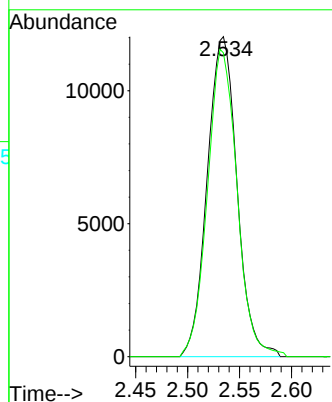
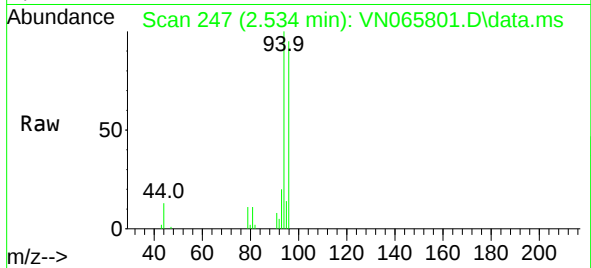




#5  
Bromomethane  
Concen: 19.07 ug/l  
RT: 2.534 min Scan# 247  
Delta R.T. -0.013 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

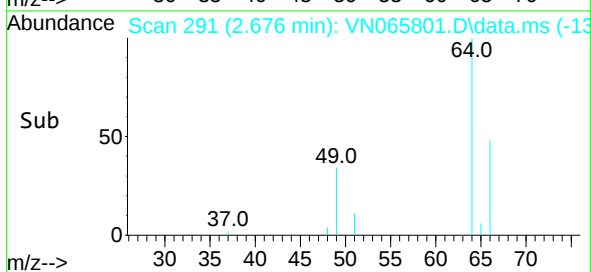
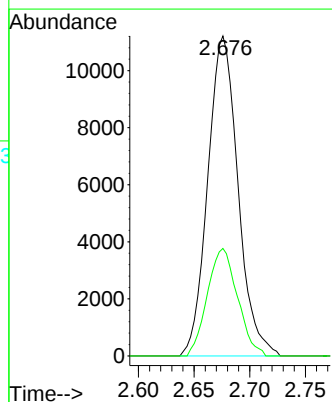
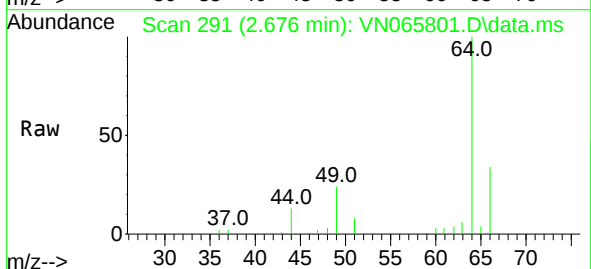
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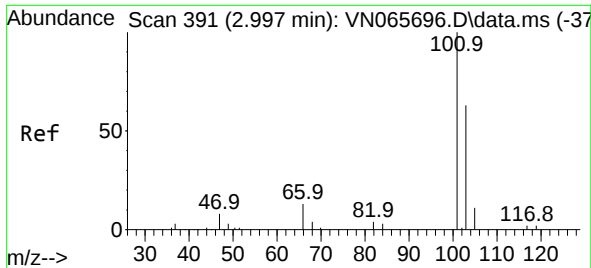
Tgt Ion: 94 Resp: 23973  
Ion Ratio Lower Upper  
94 100  
96 95.0 74.6 111.8



#6  
Chloroethane  
Concen: 17.44 ug/l  
RT: 2.676 min Scan# 291  
Delta R.T. -0.006 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion: 64 Resp: 21210  
Ion Ratio Lower Upper  
64 100  
66 33.6 26.3 39.5

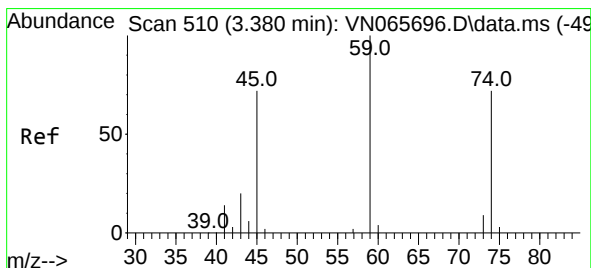
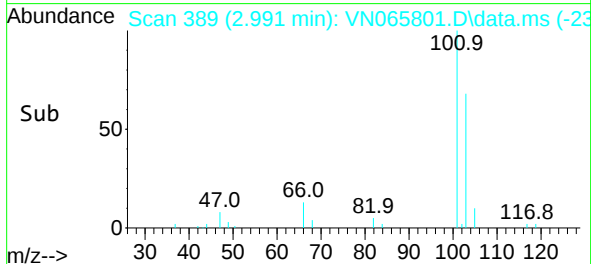
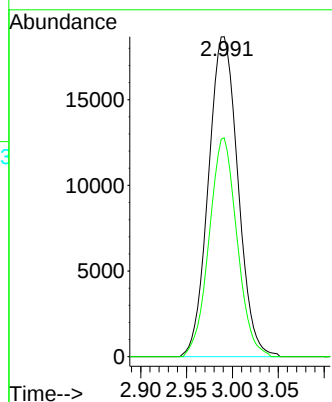
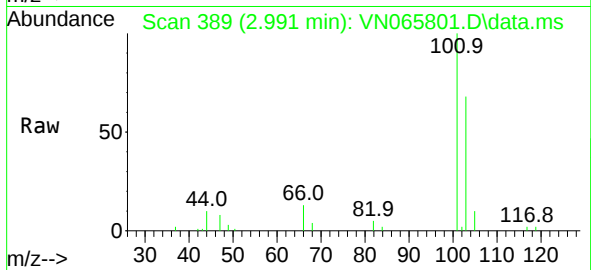




#7  
Trichlorofluoromethane  
Concen: 19.19 ug/l  
RT: 2.991 min Scan# 389  
Delta R.T. -0.006 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

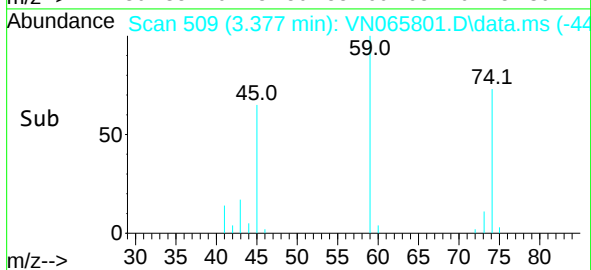
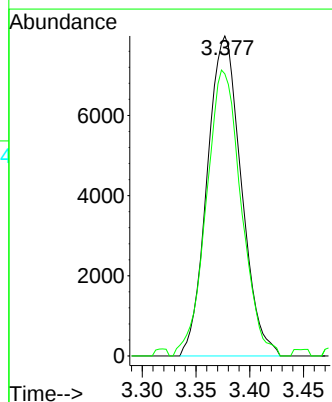
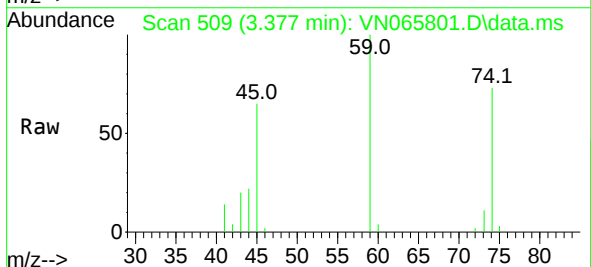
Instrument :  
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VN0210WBS02

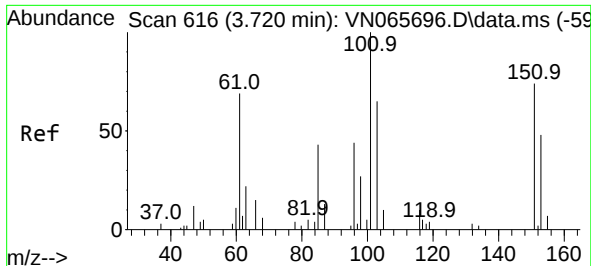
Tgt Ion:101 Resp: 41914  
Ion Ratio Lower Upper  
101 100  
103 68.4 52.6 78.8



#8  
Diethyl Ether  
Concen: 17.56 ug/l  
RT: 3.377 min Scan# 509  
Delta R.T. -0.003 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion: 74 Resp: 17593  
Ion Ratio Lower Upper  
74 100  
45 91.2 18.5 166.9

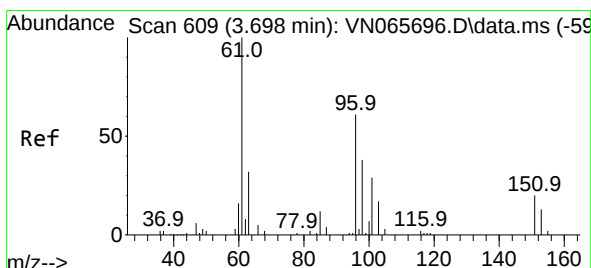
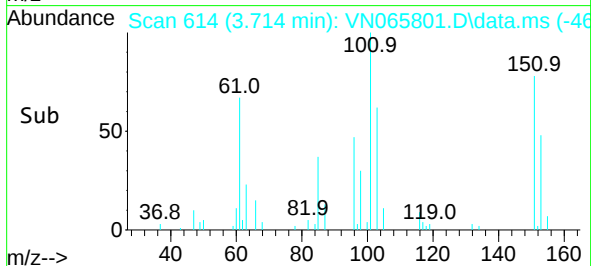
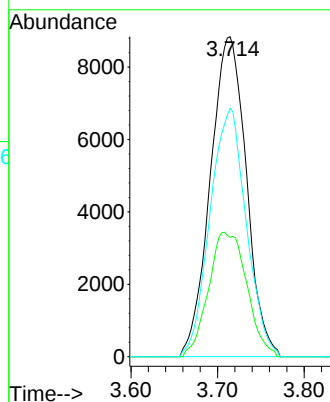
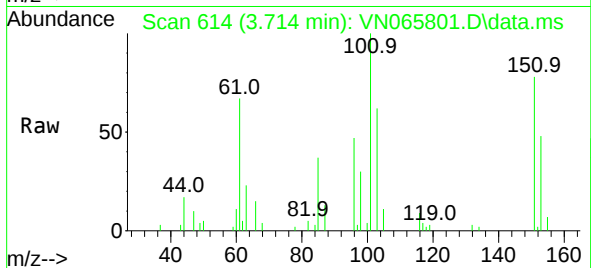




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.11 ug/l  
RT: 3.714 min Scan# 614  
Delta R.T. -0.006 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

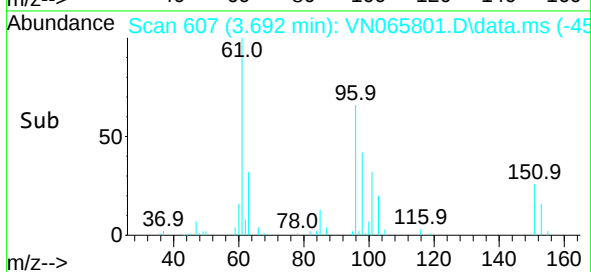
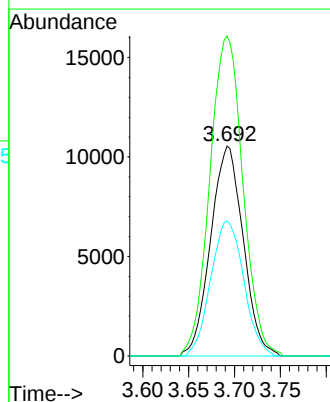
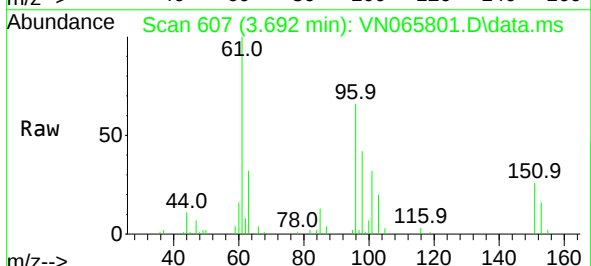
Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

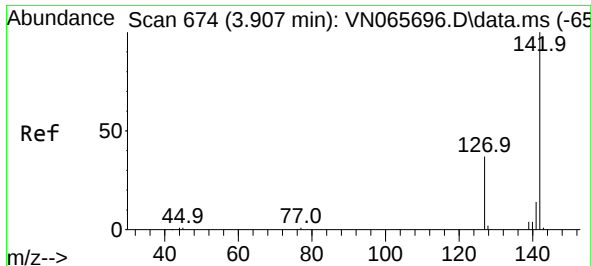
Tgt Ion:101 Resp: 25516  
Ion Ratio Lower Upper  
101 100  
85 23.7 0.0 80.6  
151 78.2 0.0 169.2



#10  
1,1-Dichloroethene  
Concen: 18.32 ug/l  
RT: 3.692 min Scan# 607  
Delta R.T. -0.006 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion: 96 Resp: 26050  
Ion Ratio Lower Upper  
96 100  
61 152.4 119.9 179.9  
98 64.4 51.2 76.8

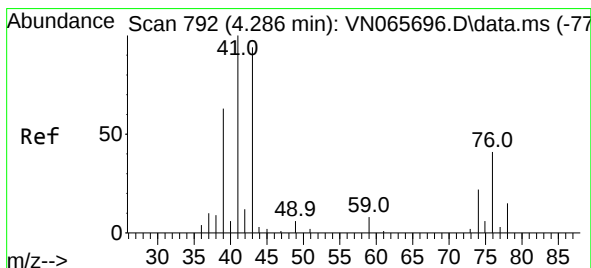
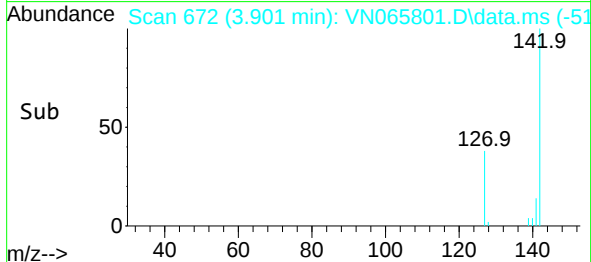
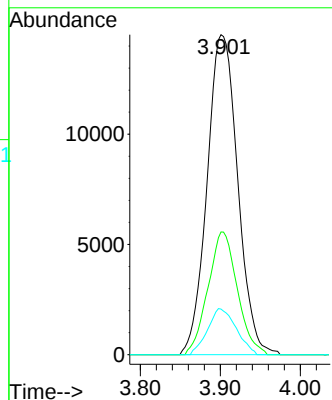
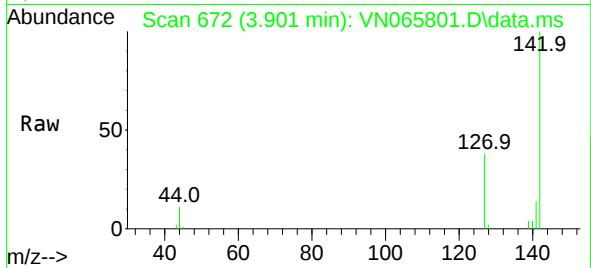




#11  
Methyl Iodide  
Concen: 19.31 ug/l  
RT: 3.901 min Scan# 672  
Delta R.T. -0.006 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

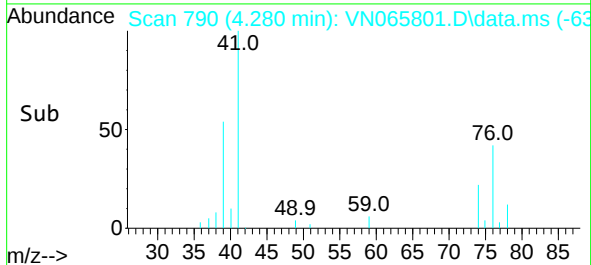
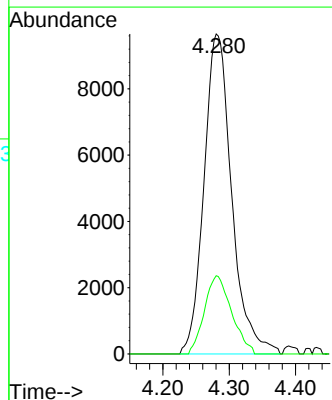
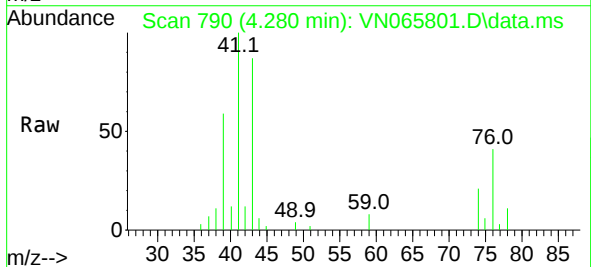
Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

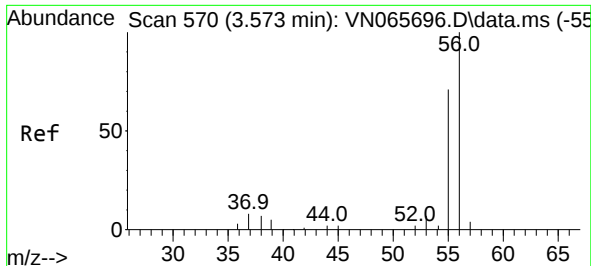
Tgt Ion:142 Resp: 38677  
Ion Ratio Lower Upper  
142 100  
127 38.4 19.1 57.5  
141 14.3 7.0 20.9



#12  
Methyl Acetate  
Concen: 16.27 ug/l  
RT: 4.280 min Scan# 790  
Delta R.T. -0.006 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion: 43 Resp: 28023  
Ion Ratio Lower Upper  
43 100  
74 24.4 19.9 29.9

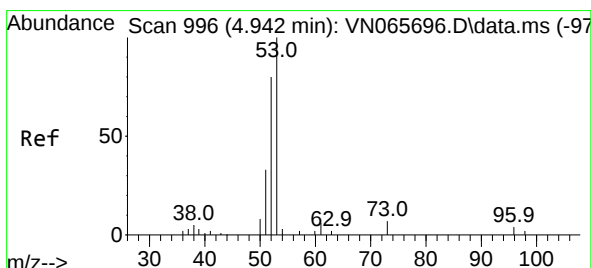
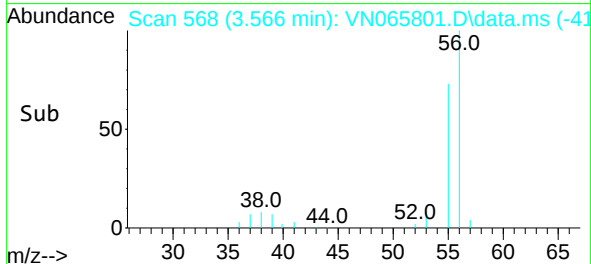
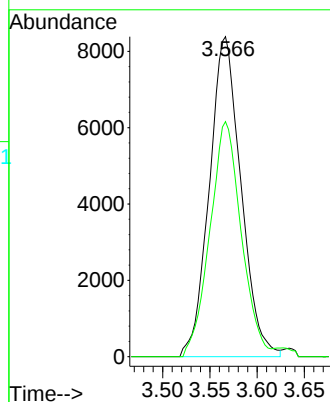
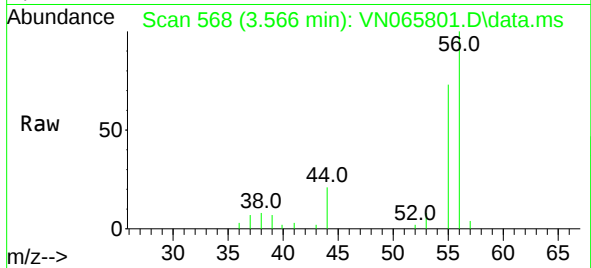




#13  
Acrolein  
Concen: 84.27 ug/l  
RT: 3.566 min Scan# 568  
Delta R.T. -0.006 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

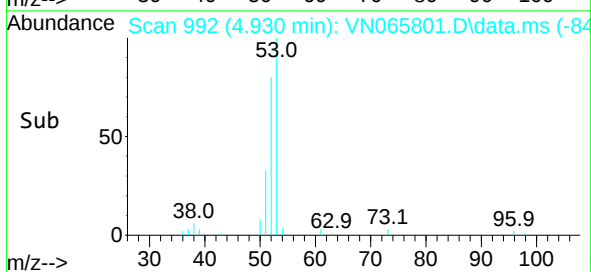
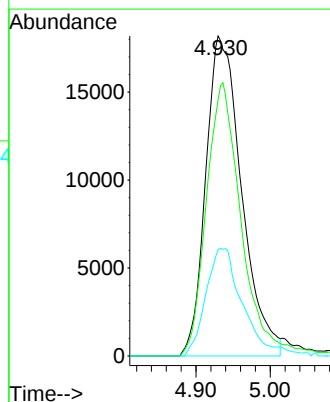
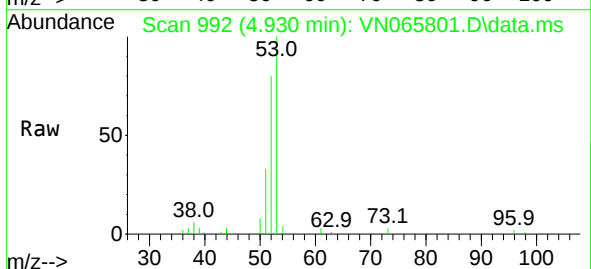
Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

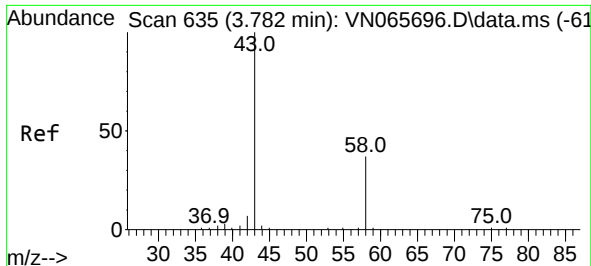
Tgt Ion: 56 Resp: 19486  
Ion Ratio Lower Upper  
56 100  
55 72.9 57.7 86.5



#14  
Acrylonitrile  
Concen: 79.60 ug/l  
RT: 4.930 min Scan# 992  
Delta R.T. -0.013 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion: 53 Resp: 60924  
Ion Ratio Lower Upper  
53 100  
52 81.5 40.7 122.1  
51 16.5 18.3 54.8#





#15

Acetone

Concen: 74.21 ug/l

RT: 3.779 min Scan# 634

Delta R.T. -0.003 min

Lab File: VN065801.D

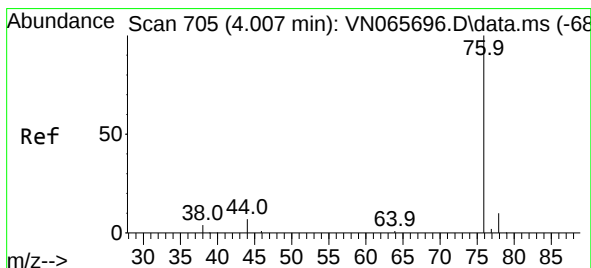
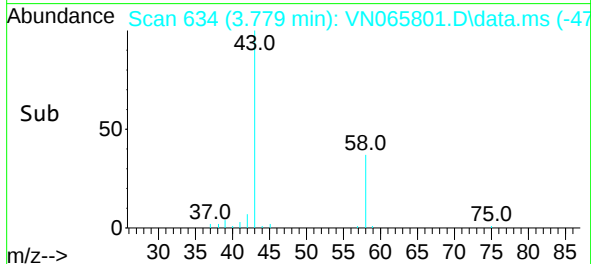
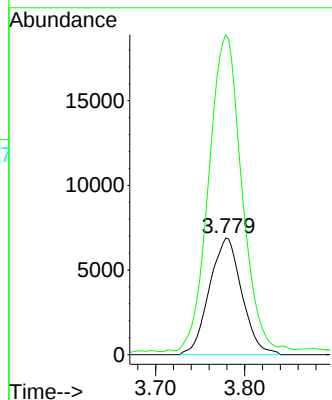
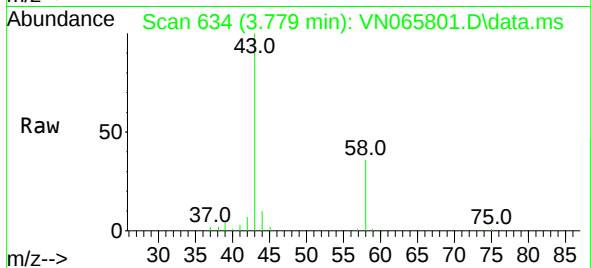
Acq: 10 Feb 2021 17:27

Tgt Ion: 58 Resp: 17378

Ion Ratio Lower Upper

58 100

43 269.0 203.4 305.0



#16

Carbon Disulfide

Concen: 16.54 ug/l

RT: 3.997 min Scan# 702

Delta R.T. -0.009 min

Lab File: VN065801.D

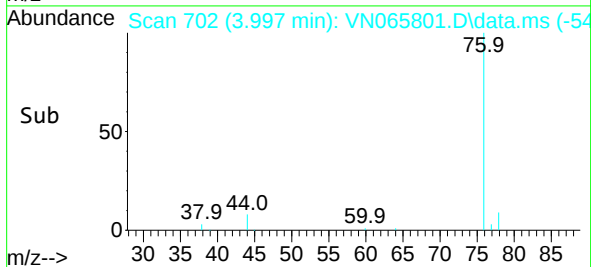
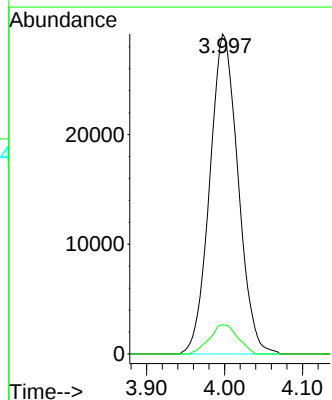
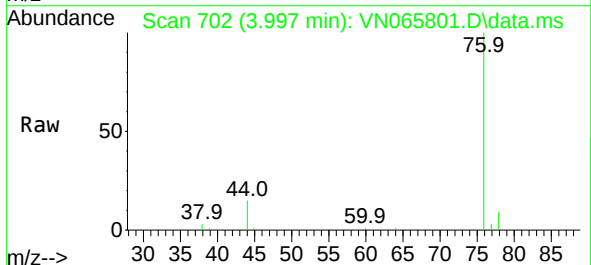
Acq: 10 Feb 2021 17:27

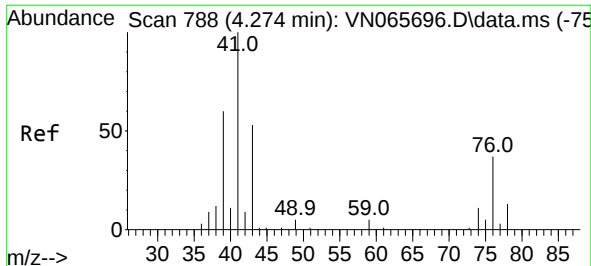
Tgt Ion: 76 Resp: 73748

Ion Ratio Lower Upper

76 100

78 9.1 7.8 11.8





#17

Allyl chloride

Concen: 15.58 ug/l

RT: 4.267 min Scan# 786

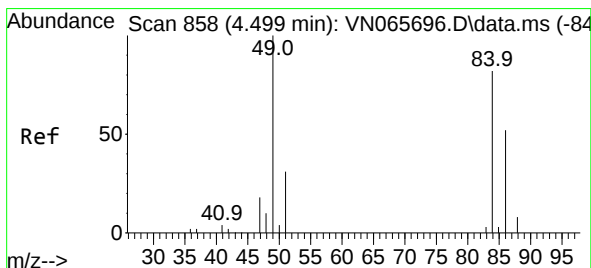
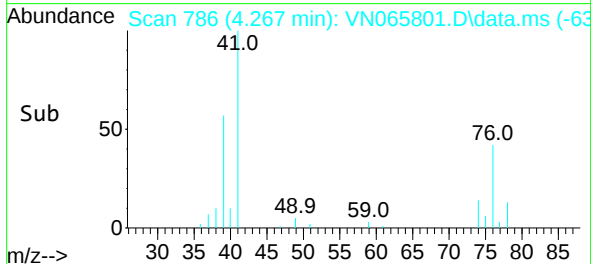
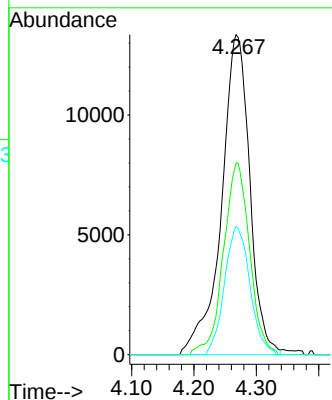
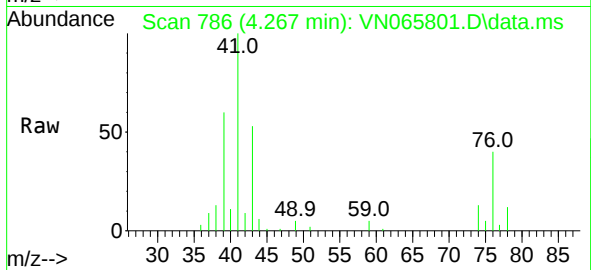
Delta R.T. -0.006 min

Lab File: VN065801.D

Acq: 10 Feb 2021 17:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 42036 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 59.8  | 33.5  | 100.5 |
| 76       | 40.0  | 20.3  | 60.8  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02



#18

Methylene Chloride

Concen: 18.25 ug/l

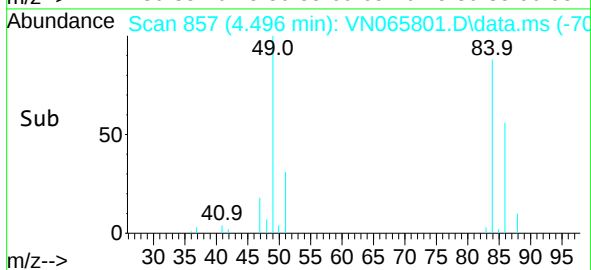
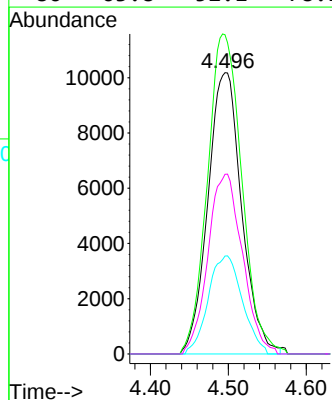
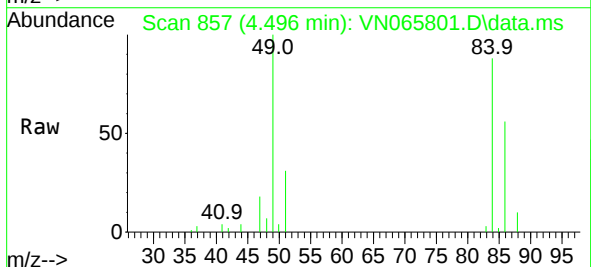
RT: 4.496 min Scan# 857

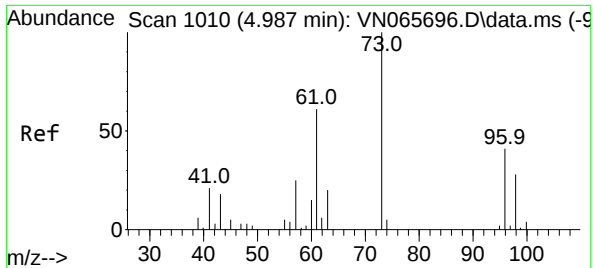
Delta R.T. -0.003 min

Lab File: VN065801.D

Acq: 10 Feb 2021 17:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 30590 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 113.4 | 91.3  | 136.9 |
| 51       | 34.8  | 28.8  | 43.2  |
| 86       | 63.8  | 52.1  | 78.1  |

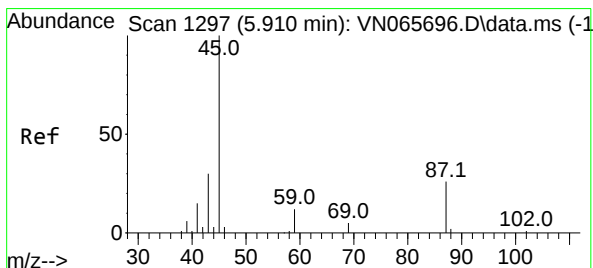
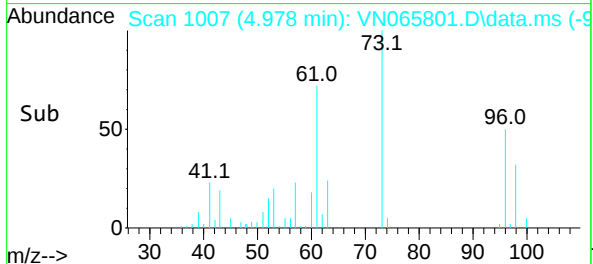
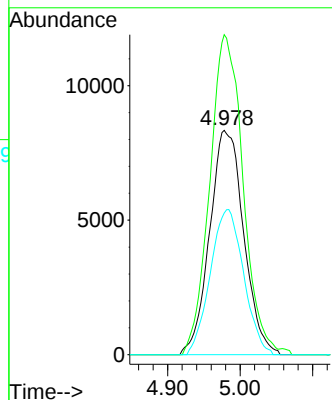
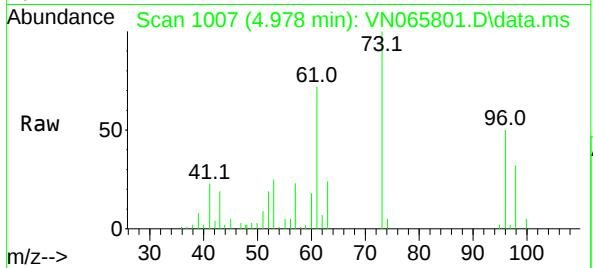




#19  
trans-1,2-Dichloroethene  
Concen: 17.53 ug/l  
RT: 4.978 min Scan# 1007  
Delta R.T. -0.009 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

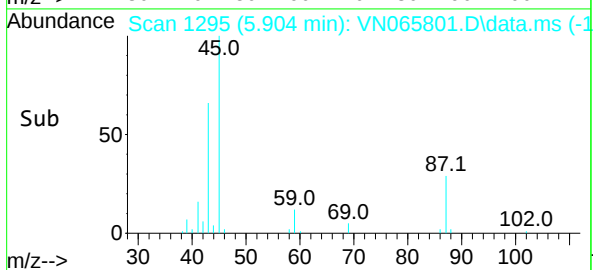
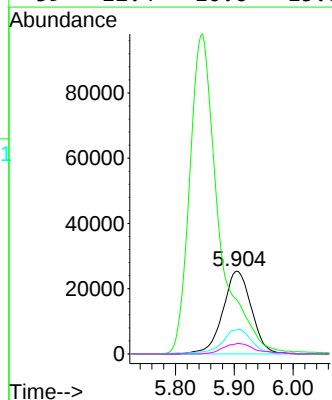
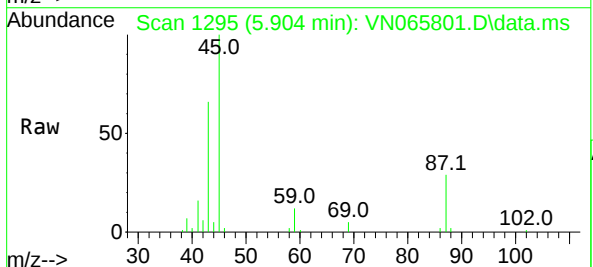
Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

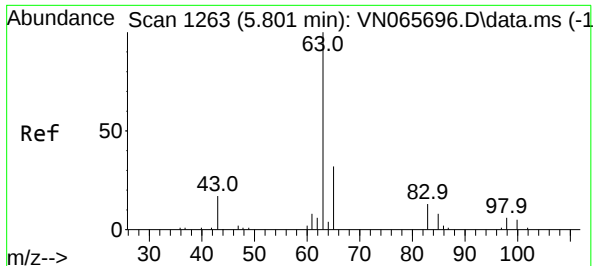
Tgt Ion: 96 Resp: 27251  
Ion Ratio Lower Upper  
96 100  
61 142.6 106.2 159.2  
98 63.1 52.4 78.6



#20  
Diisopropyl ether  
Concen: 15.70 ug/l  
RT: 5.904 min Scan# 1295  
Delta R.T. -0.006 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion: 45 Resp: 85477  
Ion Ratio Lower Upper  
45 100  
43 61.2 50.4 75.6  
87 29.1 24.5 36.7  
59 12.4 10.6 15.8



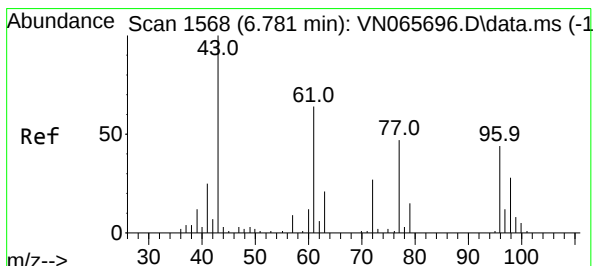
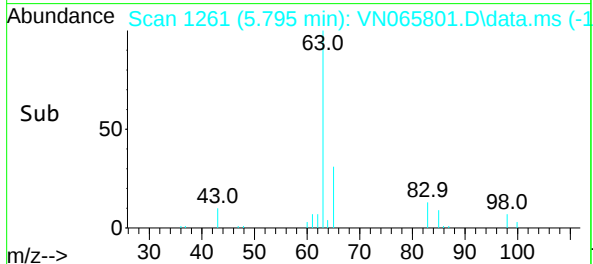
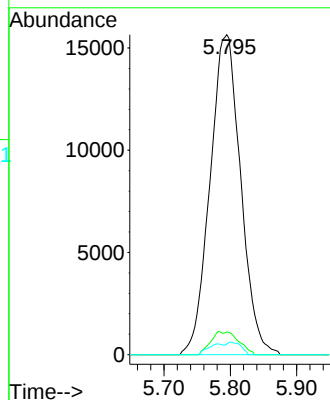
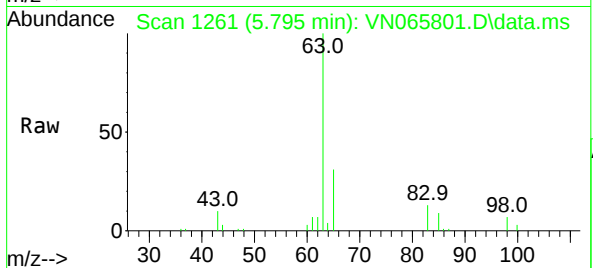


#21

1,1-Dichloroethane  
Concen: 16.74 ug/l  
RT: 5.795 min Scan# 1261  
Delta R.T. -0.006 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

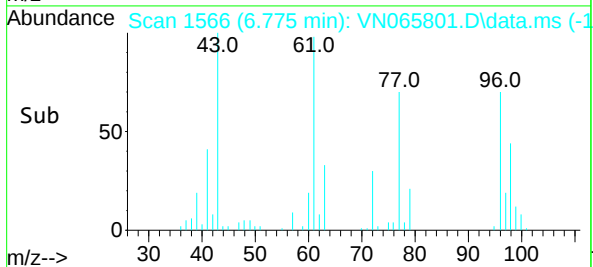
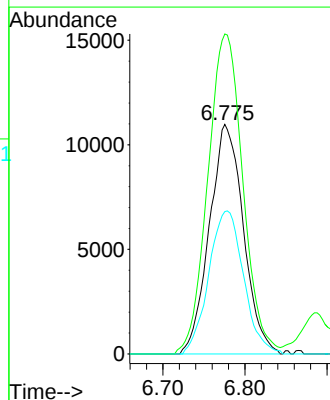
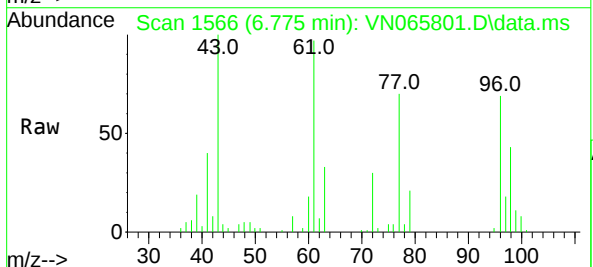
Tgt Ion: 63 Resp: 50288  
Ion Ratio Lower Upper  
63 100  
98 7.1 3.3 9.9  
100 3.3 2.3 6.8

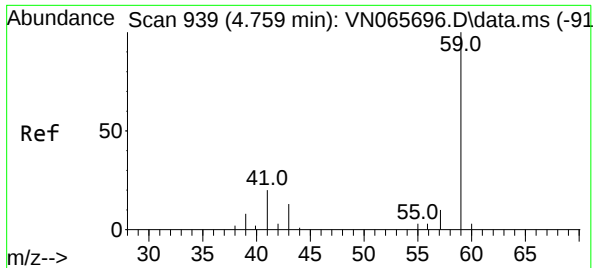


#22

cis-1,2-Dichloroethene  
Concen: 17.71 ug/l  
RT: 6.775 min Scan# 1566  
Delta R.T. -0.006 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion: 96 Resp: 31634  
Ion Ratio Lower Upper  
96 100  
61 143.3 112.5 168.7  
98 63.6 52.2 78.2

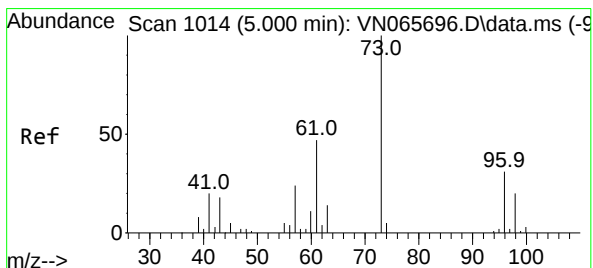
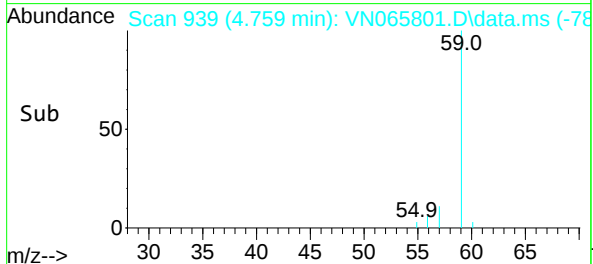
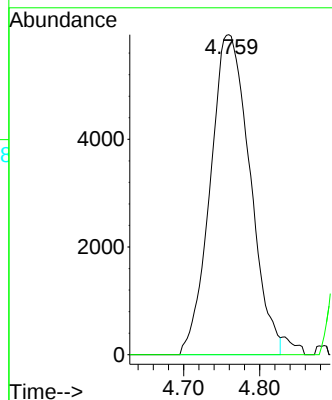
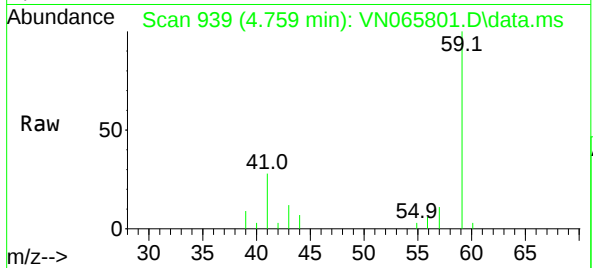




#23  
tert-Butyl Alcohol  
Concen: 78.39 ug/l  
RT: 4.759 min Scan# 939  
Delta R.T. 0.000 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

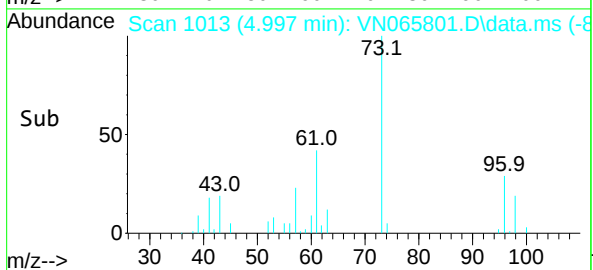
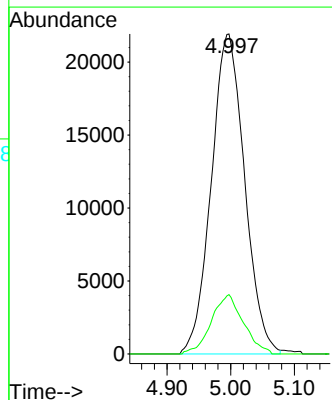
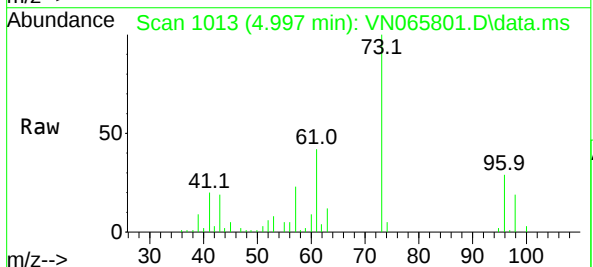
Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

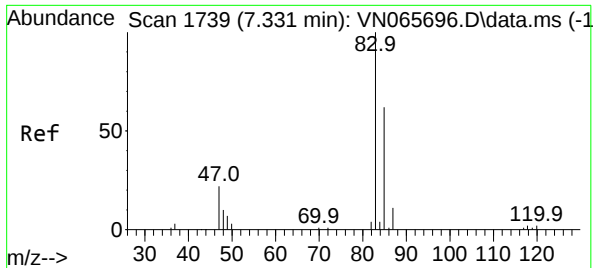
Tgt Ion: 59 Resp: 21465  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.0 0.0



#24  
Methyl tert-Butyl Ether  
Concen: 16.78 ug/l  
RT: 4.997 min Scan# 1013  
Delta R.T. -0.003 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion: 73 Resp: 79750  
Ion Ratio Lower Upper  
73 100  
43 17.8 15.4 23.2

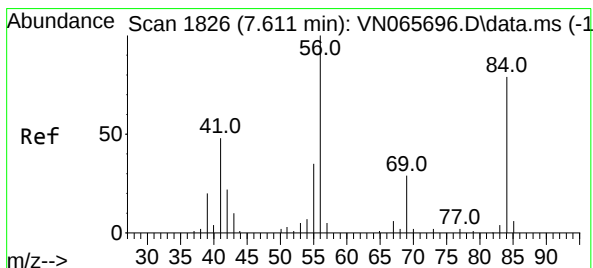
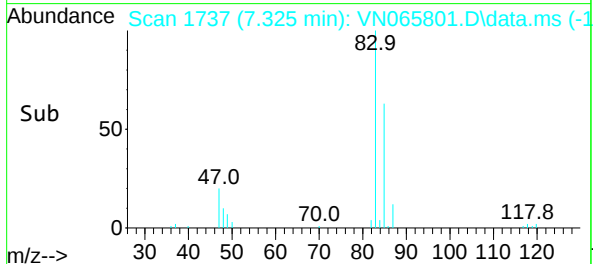
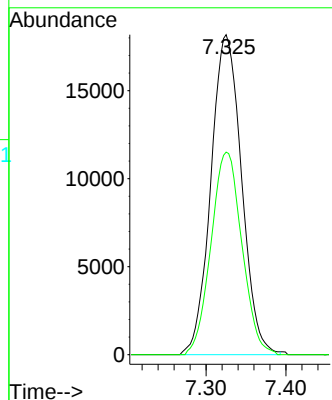
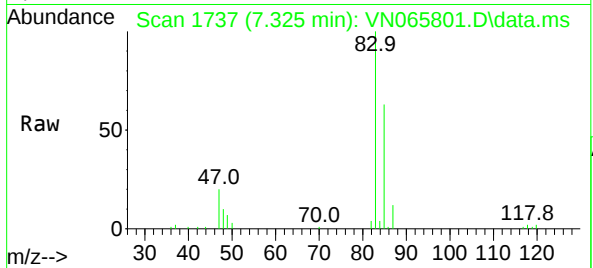




#25  
Chloroform  
Concen: 17.78 ug/l  
RT: 7.325 min Scan# 1737  
Delta R.T. -0.006 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

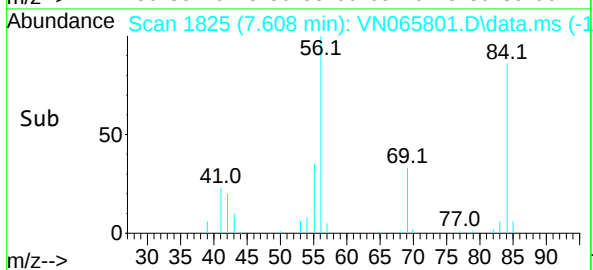
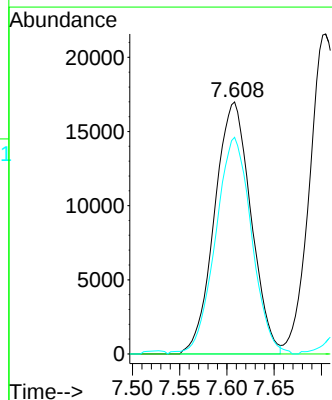
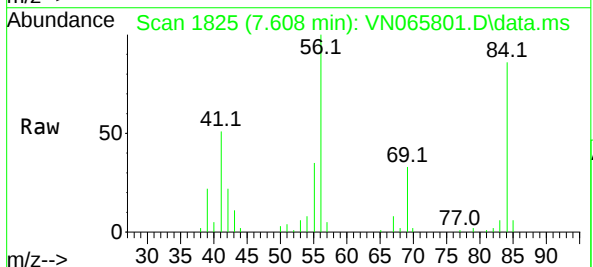
Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

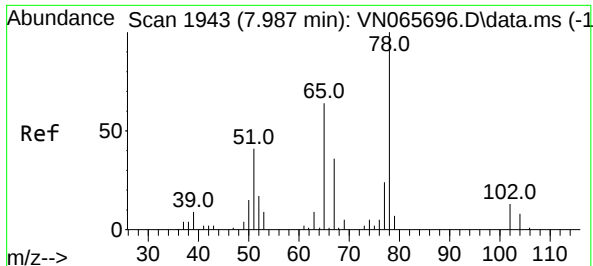
Tgt Ion: 83 Resp: 48449  
Ion Ratio Lower Upper  
83 100  
85 63.3 53.0 79.4



#26  
Cyclohexane  
Concen: 16.20 ug/l  
RT: 7.608 min Scan# 1825  
Delta R.T. -0.003 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion: 56 Resp: 45528  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 85.1 72.8 109.2





#27

1,2-Dichloroethane-d4

Concen: 29.00 ug/l

RT: 7.984 min Scan# 1942

Delta R.T. -0.003 min

Lab File: VN065801.D

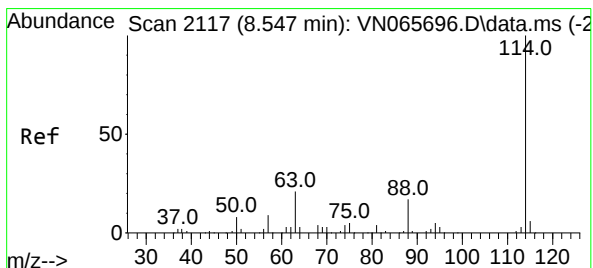
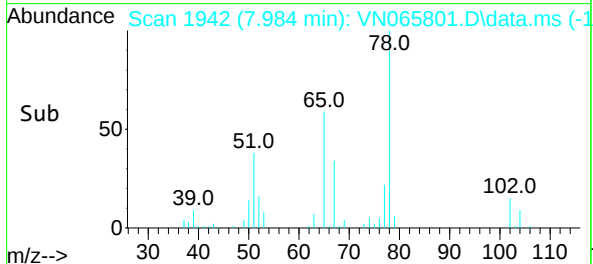
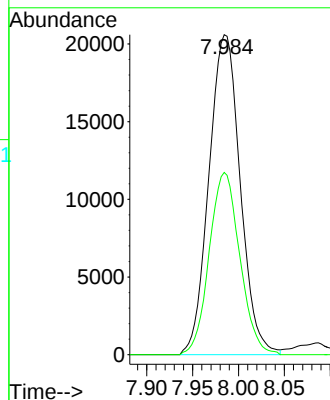
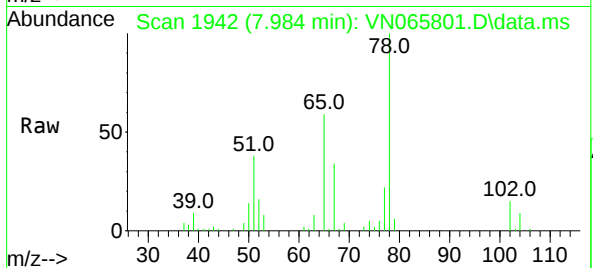
Acq: 10 Feb 2021 17:27

Tgt Ion: 65 Resp: 48907

Ion Ratio Lower Upper

65 100

67 55.6 42.8 64.2



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.547 min Scan# 2117

Delta R.T. 0.000 min

Lab File: VN065801.D

Acq: 10 Feb 2021 17:27

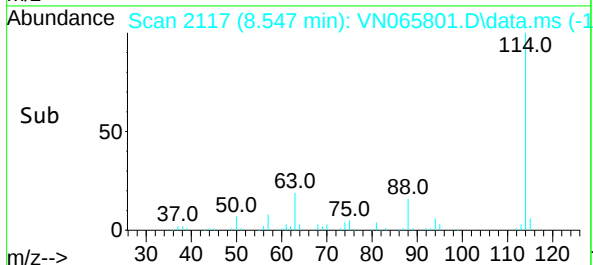
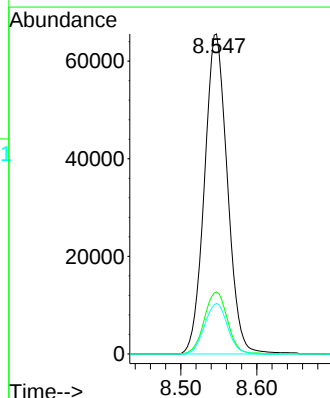
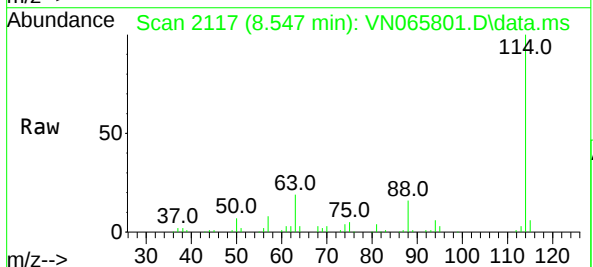
Tgt Ion: 114 Resp: 137371

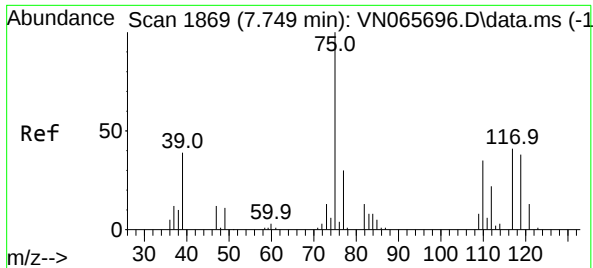
Ion Ratio Lower Upper

114 100

63 19.5 14.7 22.1

88 15.8 11.7 17.5

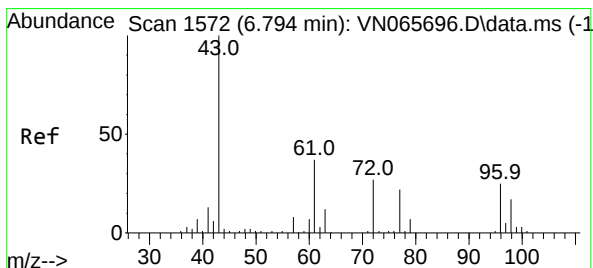
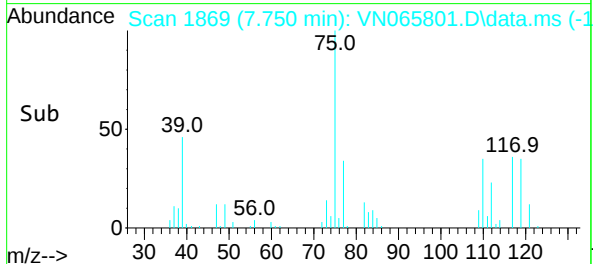
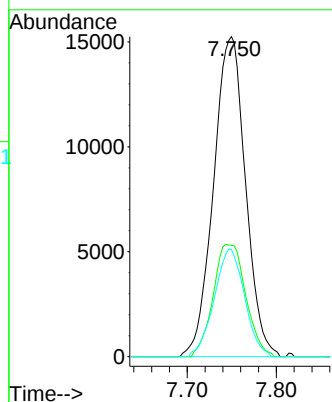
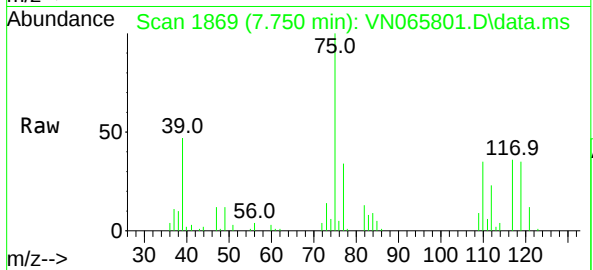




#29  
1,1-Dichloropropene  
Concen: 17.14 ug/l  
RT: 7.750 min Scan# 1869  
Delta R.T. 0.000 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

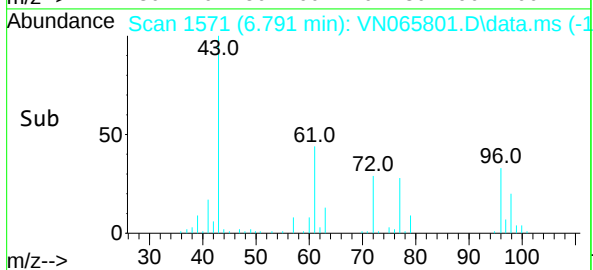
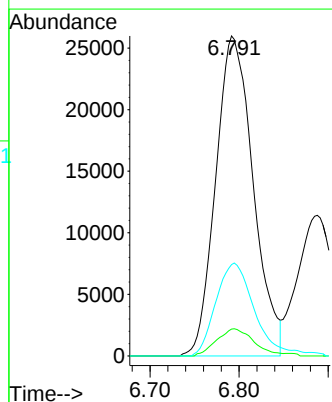
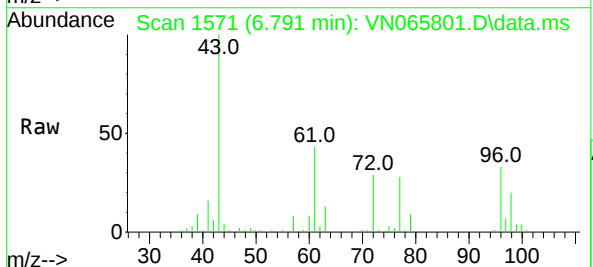
Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

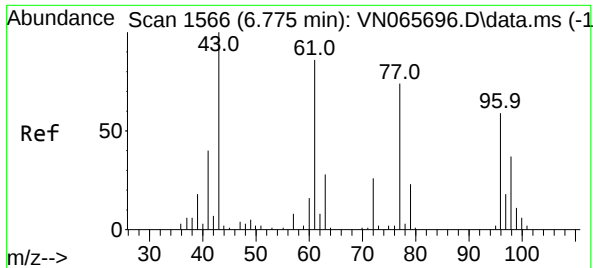
Tgt Ion: 75 Resp: 38016  
Ion Ratio Lower Upper  
75 100  
110 20.8 0.0 74.2  
77 31.9 0.0 61.0



#30  
2-Butanone  
Concen: 76.51 ug/l  
RT: 6.791 min Scan# 1571  
Delta R.T. -0.003 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion: 43 Resp: 75975  
Ion Ratio Lower Upper  
43 100  
57 8.4 7.0 10.4  
72 29.2 23.6 35.4

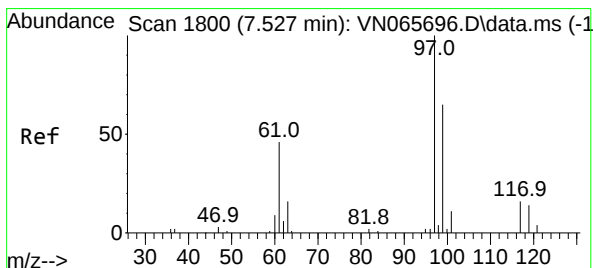
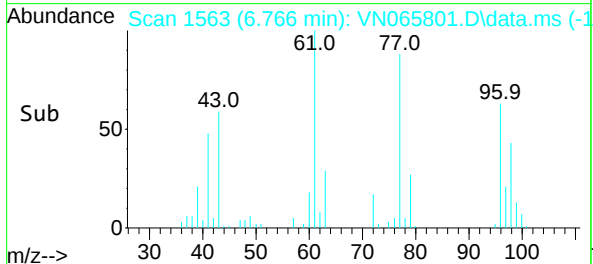
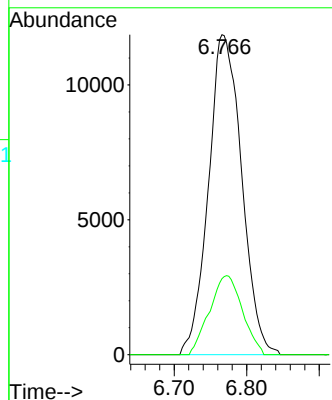
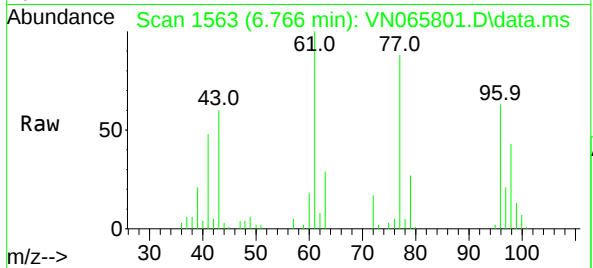




#31  
2,2-Dichloropropane  
Concen: 16.25 ug/l  
RT: 6.766 min Scan# 1563  
Delta R.T. -0.009 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

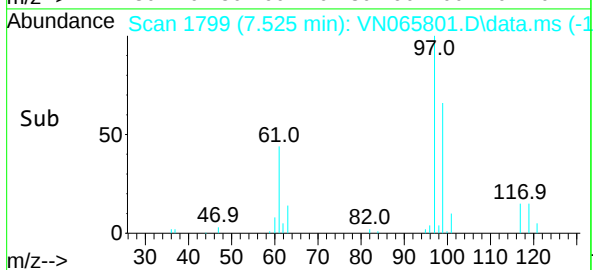
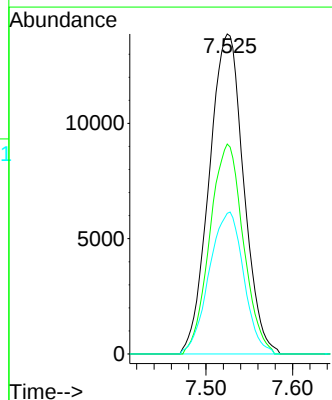
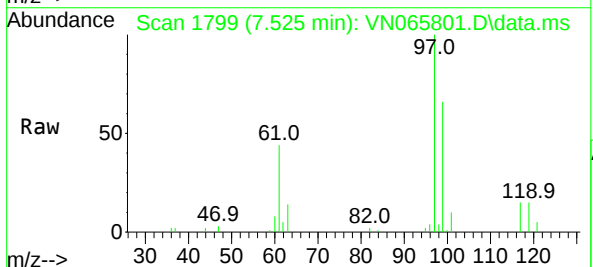
Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

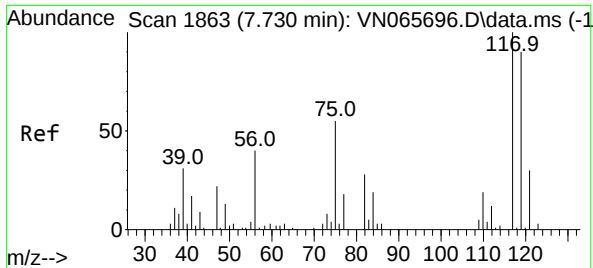
Tgt Ion: 77 Resp: 37724  
Ion Ratio Lower Upper  
77 100  
97 24.4 19.0 28.4



#32  
1,1,1-Trichloroethane  
Concen: 17.38 ug/l  
RT: 7.525 min Scan# 1799  
Delta R.T. -0.003 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion: 97 Resp: 38247  
Ion Ratio Lower Upper  
97 100  
99 63.9 51.5 77.3  
61 44.6 34.7 52.1

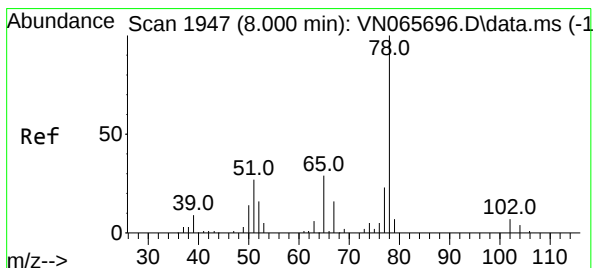
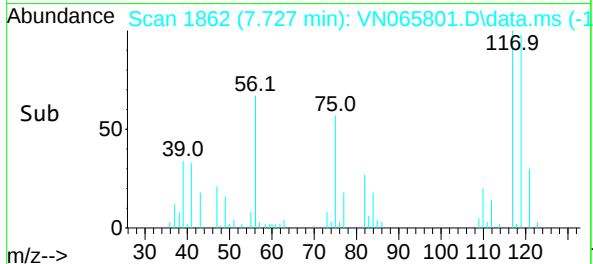
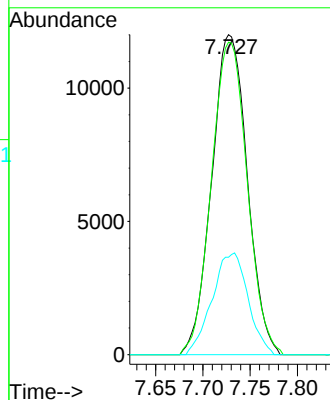
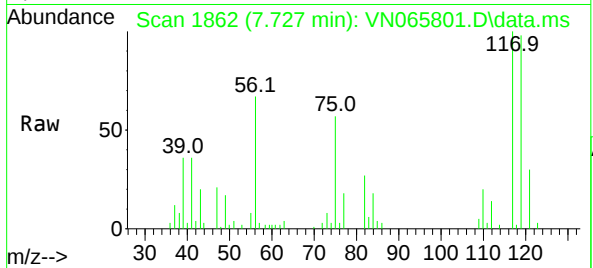




#33  
Carbon Tetrachloride  
Concen: 17.29 ug/l  
RT: 7.727 min Scan# 1862  
Delta R.T. -0.003 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

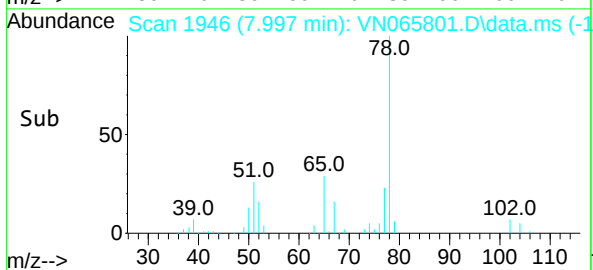
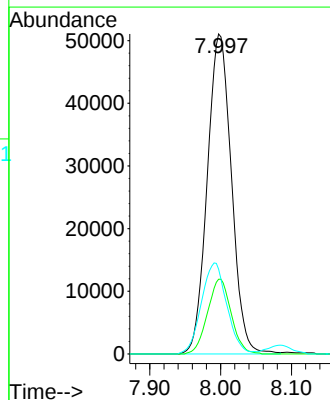
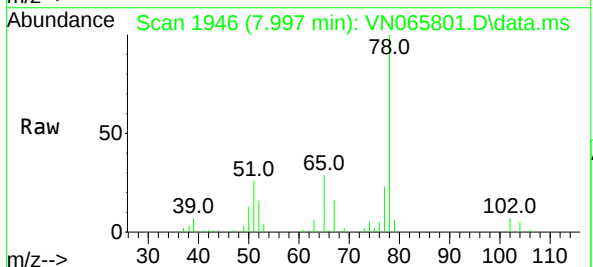
Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

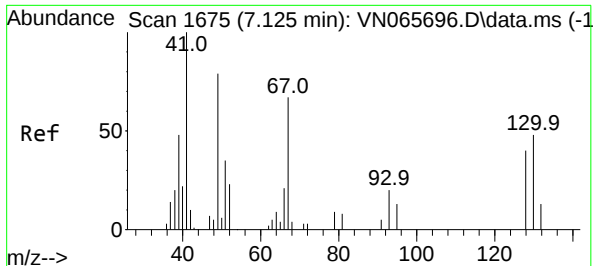
Tgt Ion:117 Resp: 31432  
Ion Ratio Lower Upper  
117 100  
119 97.7 77.0 115.4  
121 30.4 24.8 37.2



#34  
Benzene  
Concen: 17.67 ug/l  
RT: 7.997 min Scan# 1946  
Delta R.T. -0.003 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion: 78 Resp: 121100  
Ion Ratio Lower Upper  
78 100  
77 23.4 19.0 28.6  
51 26.1 22.1 33.1





#35

Methacrylonitrile

Concen: 14.64 ug/l

RT: 7.129 min Scan# 1676

Delta R.T. 0.004 min

Lab File: VN065801.D

Acq: 10 Feb 2021 17:27

Tgt Ion: 41 Resp: 15279

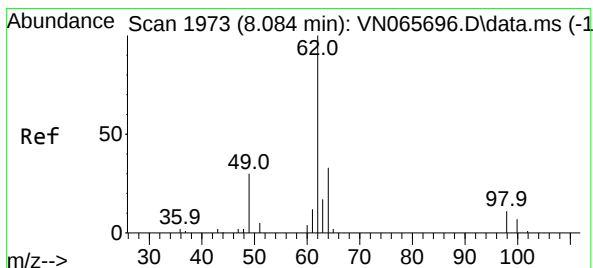
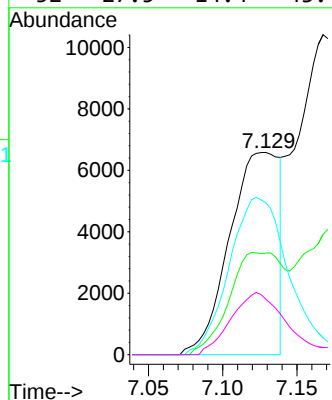
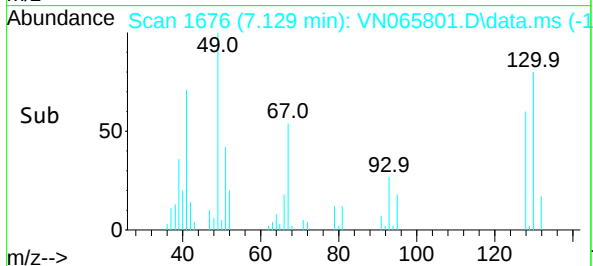
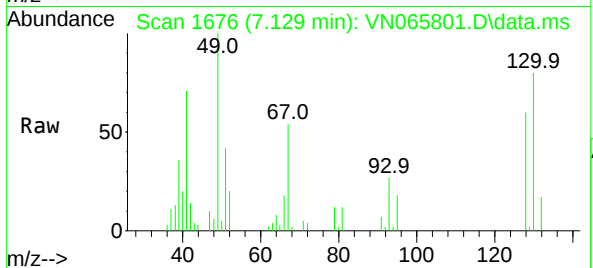
Ion Ratio Lower Upper

41 100

39 50.3 26.8 80.3

67 75.2 38.0 113.9

52 27.5 14.4 43.4



#36

1,2-Dichloroethane

Concen: 17.31 ug/l

RT: 8.084 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VN065801.D

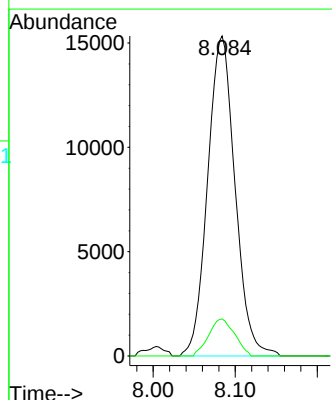
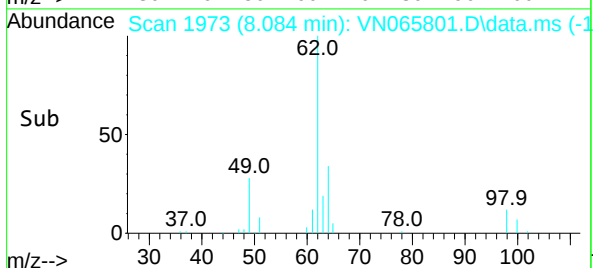
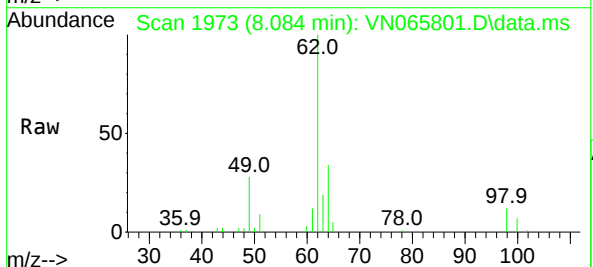
Acq: 10 Feb 2021 17:27

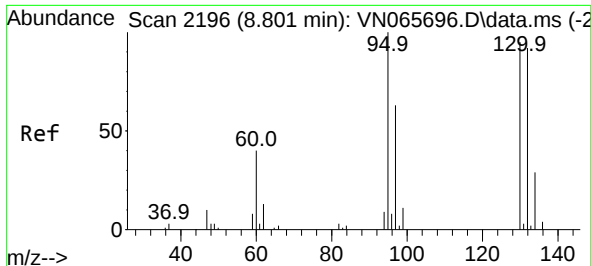
Tgt Ion: 62 Resp: 35629

Ion Ratio Lower Upper

62 100

98 11.0 7.4 11.2

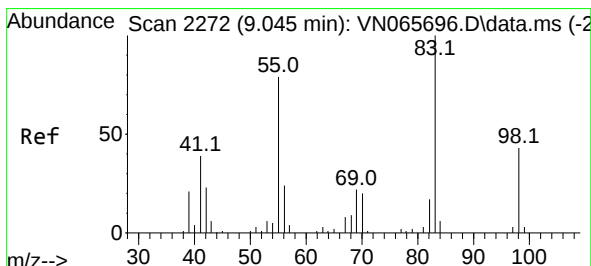
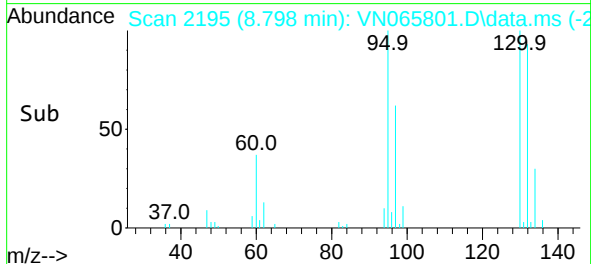
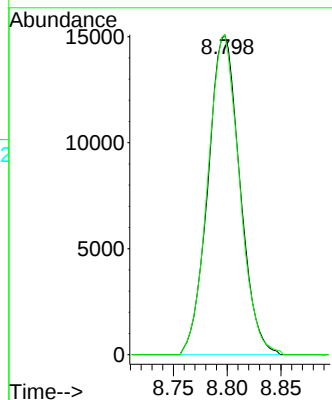
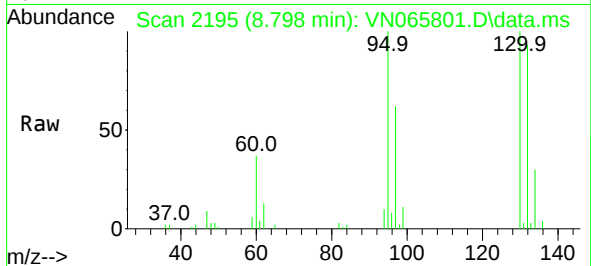




#37  
Trichloroethene  
Concen: 18.77 ug/l  
RT: 8.798 min Scan# 2195  
Delta R.T. -0.003 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

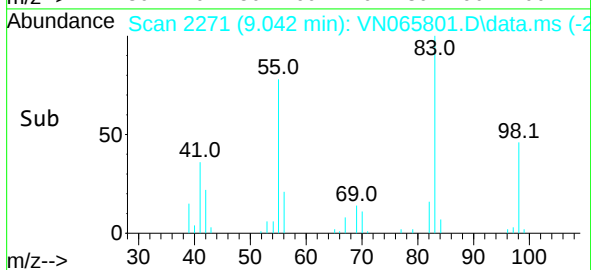
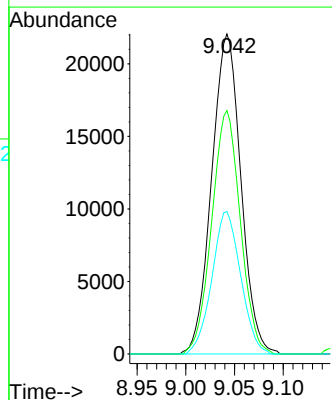
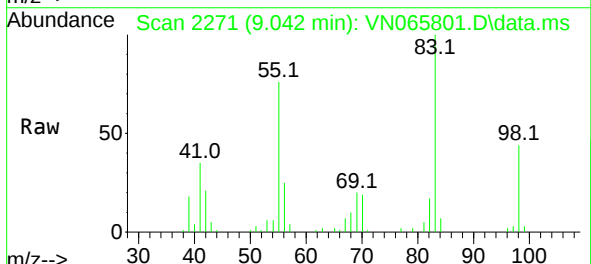
Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

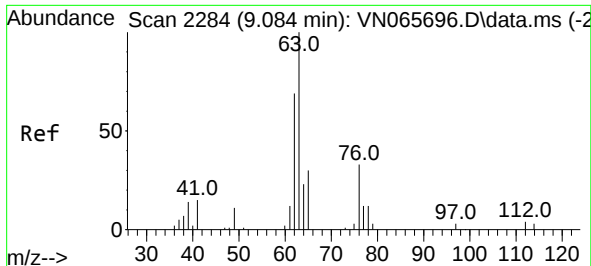
Tgt Ion:130 Resp: 31062  
Ion Ratio Lower Upper  
130 100  
95 100.2 74.0 111.0



#38  
Methylcyclohexane  
Concen: 17.50 ug/l  
RT: 9.042 min Scan# 2271  
Delta R.T. -0.003 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion: 83 Resp: 46032  
Ion Ratio Lower Upper  
83 100  
55 74.4 37.2 111.6  
98 43.8 23.8 71.4





#39

1,2-Dichloropropane

Concen: 16.79 ug/l

RT: 9.081 min Scan# 2283

Delta R.T. -0.003 min

Lab File: VN065801.D

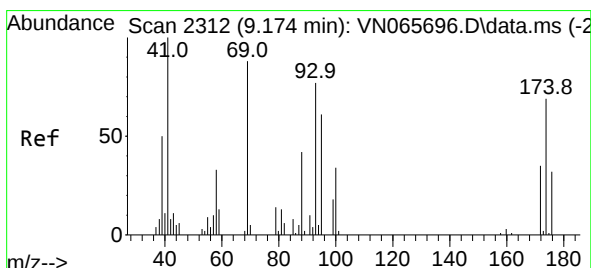
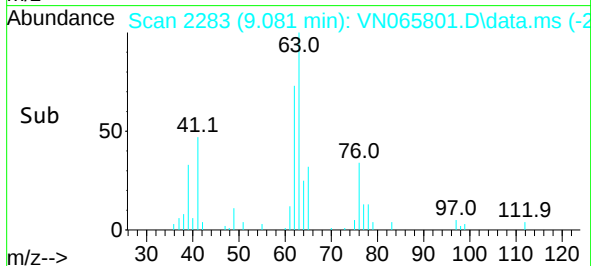
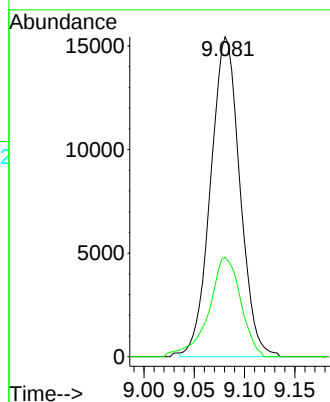
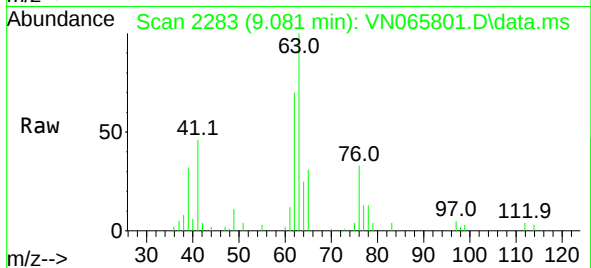
Acq: 10 Feb 2021 17:27

Tgt Ion: 63 Resp: 31263

Ion Ratio Lower Upper

63 100

65 31.0 24.1 36.1



#40

Dibromomethane

Concen: 17.79 ug/l

RT: 9.174 min Scan# 2312

Delta R.T. 0.000 min

Lab File: VN065801.D

Acq: 10 Feb 2021 17:27

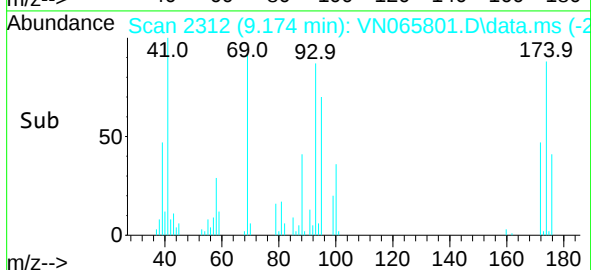
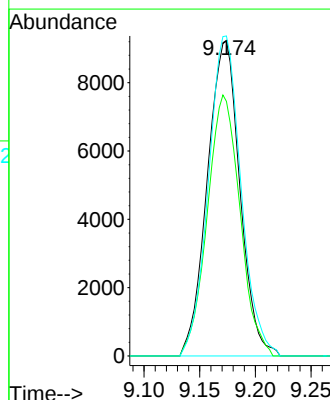
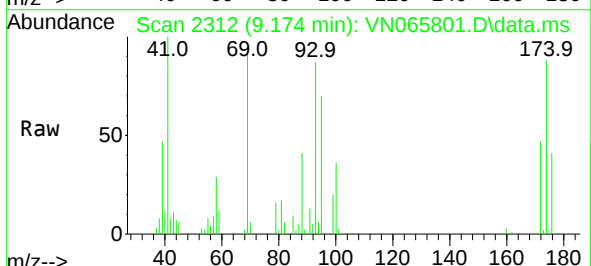
Tgt Ion: 93 Resp: 18766

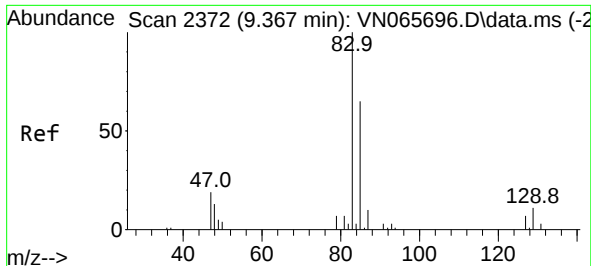
Ion Ratio Lower Upper

93 100

95 83.0 0.0 168.6

174 101.6 0.0 246.4

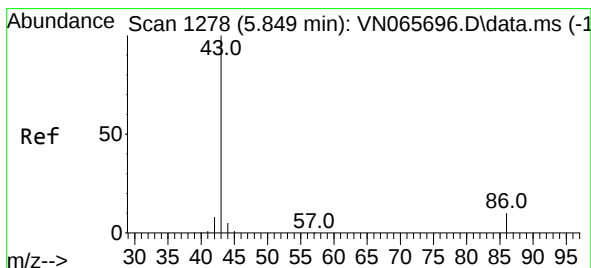
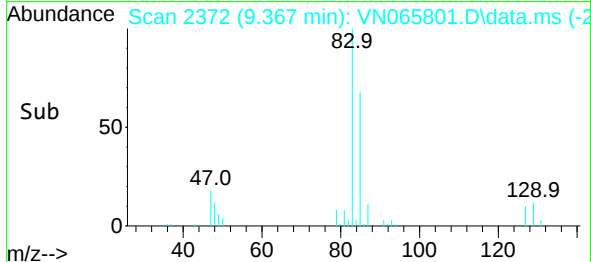
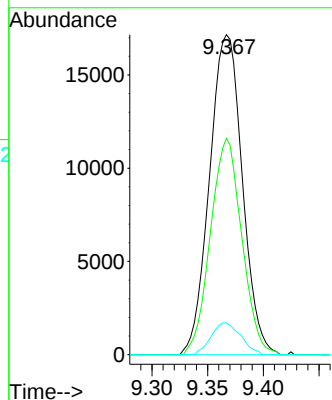
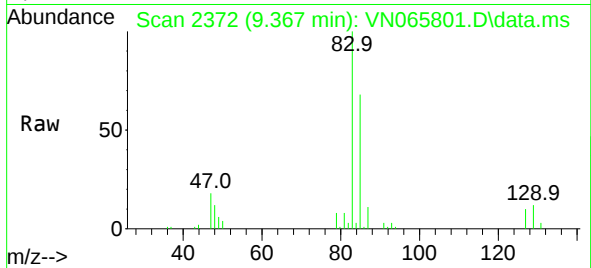




#41  
Bromodichloromethane  
Concen: 16.46 ug/l  
RT: 9.367 min Scan# 2372  
Delta R.T. 0.000 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

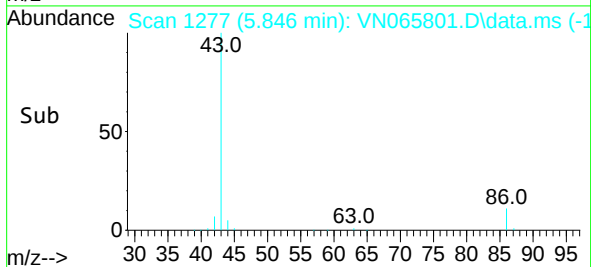
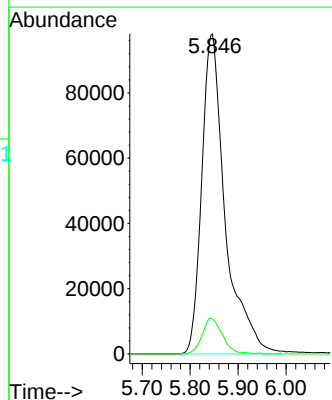
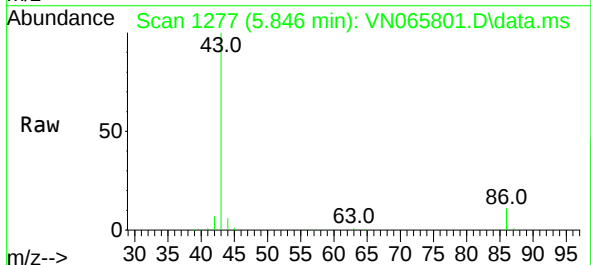
Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

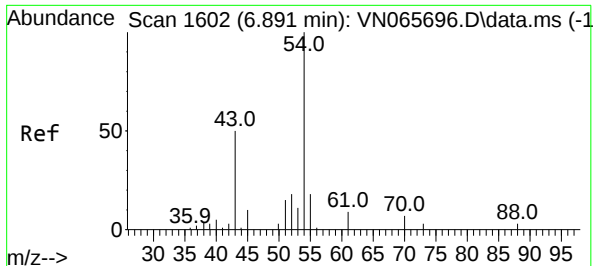
Tgt Ion: 83 Resp: 35181  
Ion Ratio Lower Upper  
83 100  
85 67.6 50.7 76.1  
127 10.0 7.5 11.3



#42  
Vinyl Acetate  
Concen: 76.70 ug/l  
RT: 5.846 min Scan# 1277  
Delta R.T. -0.003 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion: 43 Resp: 333626  
Ion Ratio Lower Upper  
43 100  
86 9.4 7.9 11.9

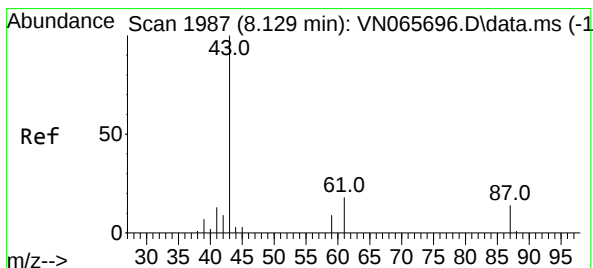
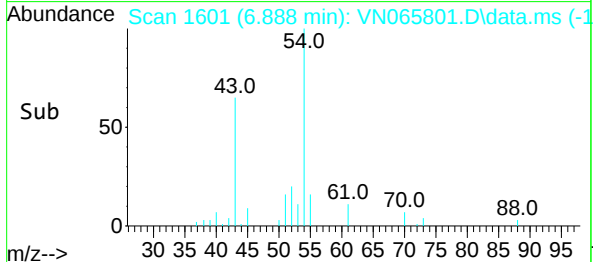
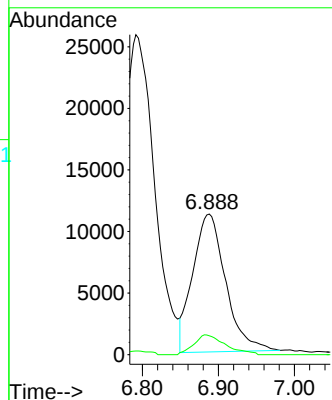
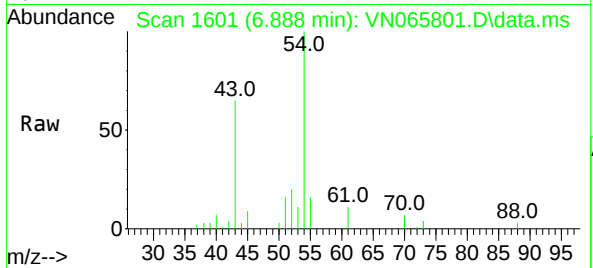




#43  
Ethyl Acetate  
Concen: 16.55 ug/l  
RT: 6.888 min Scan# 1601  
Delta R.T. -0.003 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

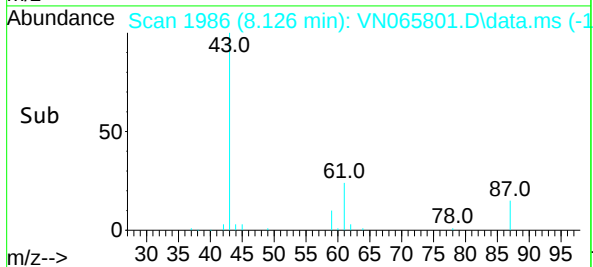
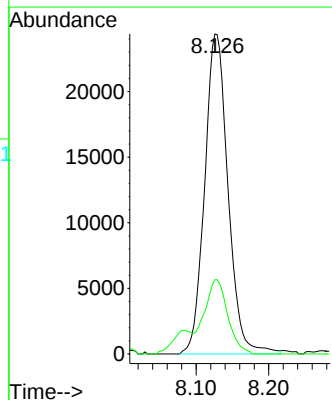
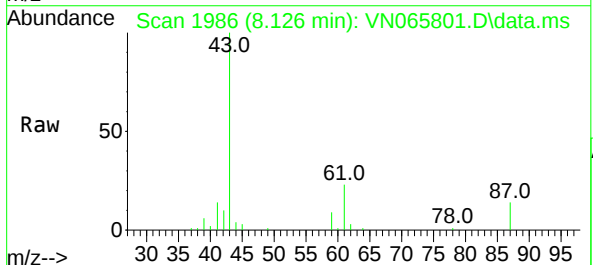
Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

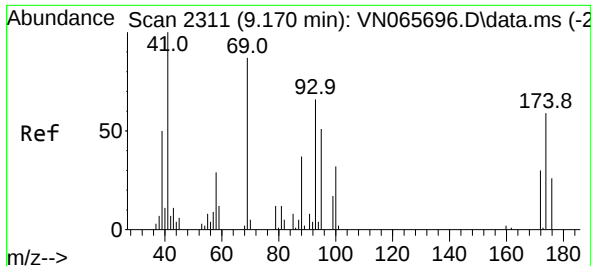
Tgt Ion: 43 Resp: 33665  
Ion Ratio Lower Upper  
43 100  
45 13.8 12.9 19.3



#44  
Isopropyl Acetate  
Concen: 15.54 ug/l  
RT: 8.126 min Scan# 1986  
Delta R.T. -0.003 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion: 43 Resp: 54639  
Ion Ratio Lower Upper  
43 100  
61 23.2 16.8 25.2

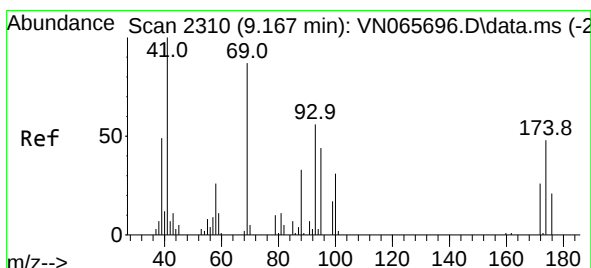
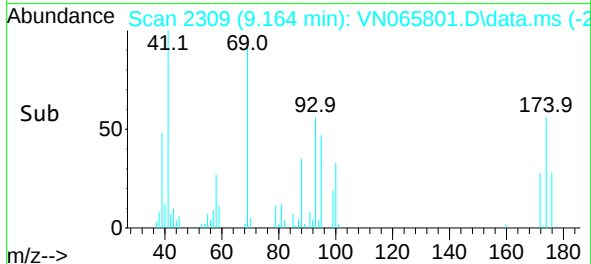
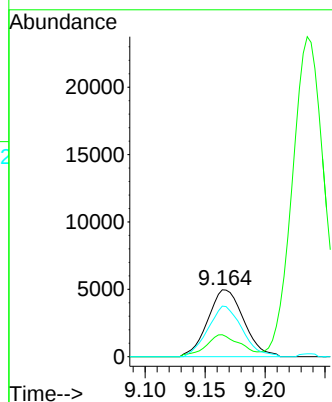
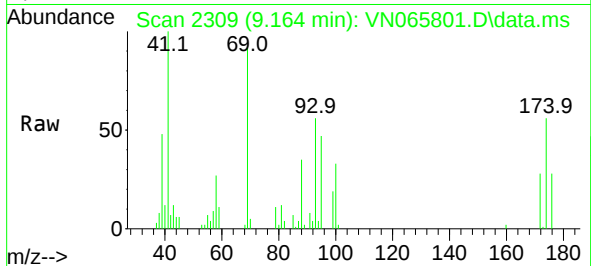




#45  
1,4-Dioxane  
Concen: 354.17 ug/l  
RT: 9.164 min Scan# 2309  
Delta R.T. -0.006 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

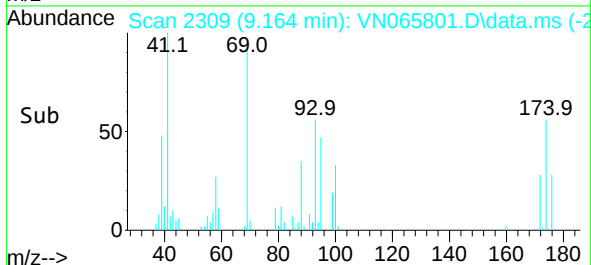
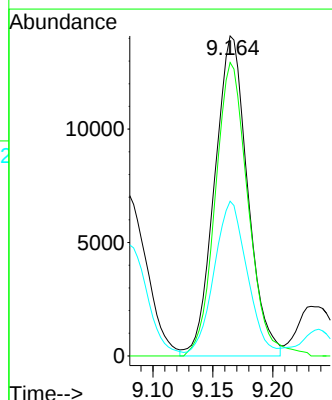
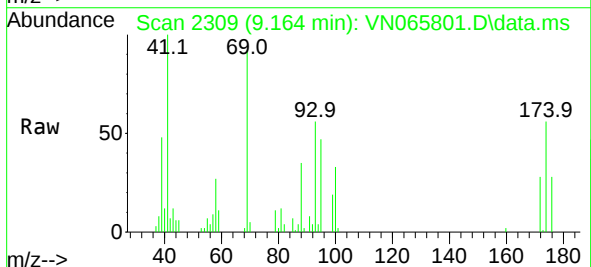
Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

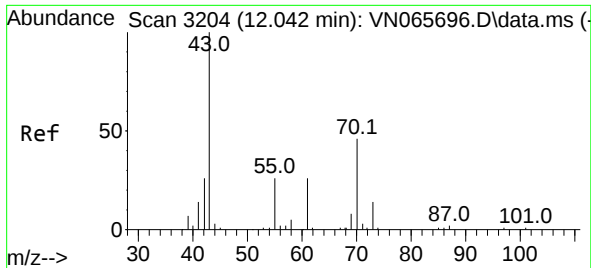
Tgt Ion: 88 Resp: 10331  
Ion Ratio Lower Upper  
88 100  
43 31.3 28.3 42.5  
58 71.9 53.8 80.6



#46  
Methyl methacrylate  
Concen: 16.01 ug/l  
RT: 9.164 min Scan# 2309  
Delta R.T. -0.003 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion: 41 Resp: 26992  
Ion Ratio Lower Upper  
41 100  
69 93.5 46.3 138.8  
39 47.9 26.8 80.3

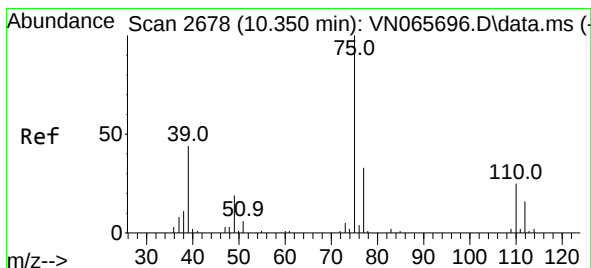
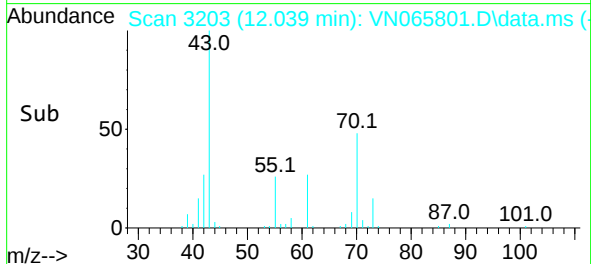
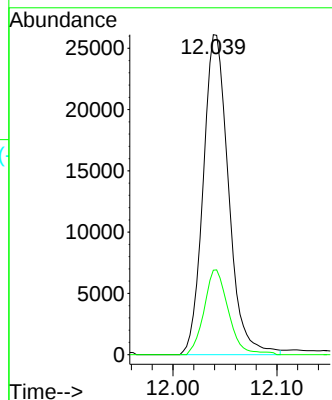
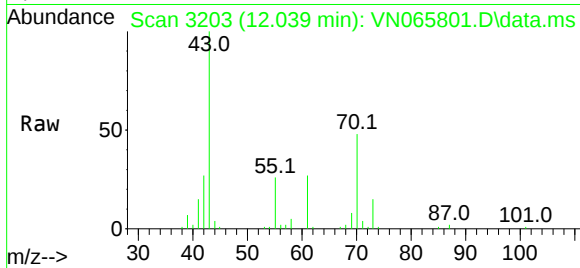




#47  
n-amy1 Acetate  
Concen: 15.04 ug/l  
RT: 12.039 min Scan# 3203  
Delta R.T. -0.003 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

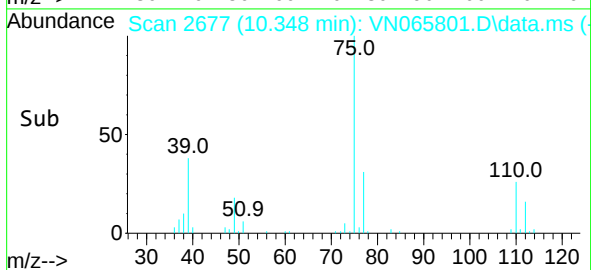
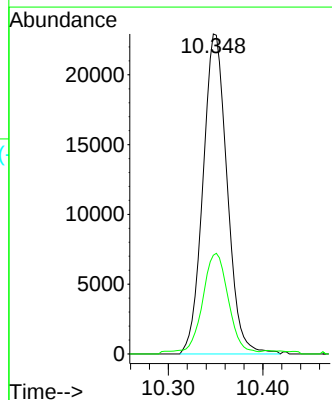
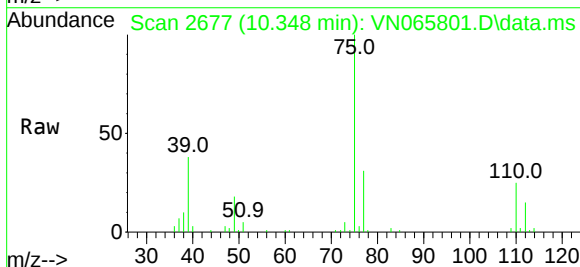
Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

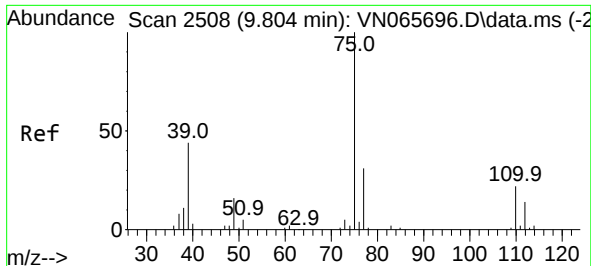
Tgt Ion: 43 Resp: 44264  
Ion Ratio Lower Upper  
43 100  
55 25.2 21.3 31.9



#48  
t-1,3-Dichloropropene  
Concen: 16.12 ug/l  
RT: 10.348 min Scan# 2677  
Delta R.T. -0.003 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion: 75 Resp: 40695  
Ion Ratio Lower Upper  
75 100  
77 29.9 26.5 39.7

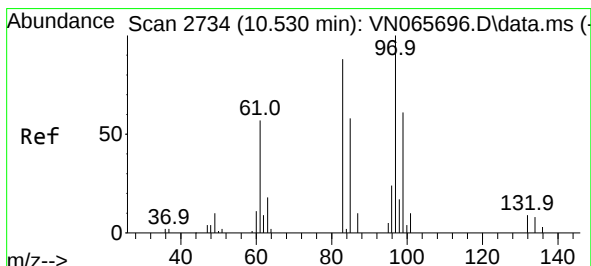
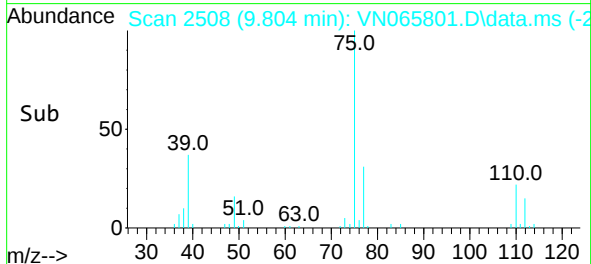
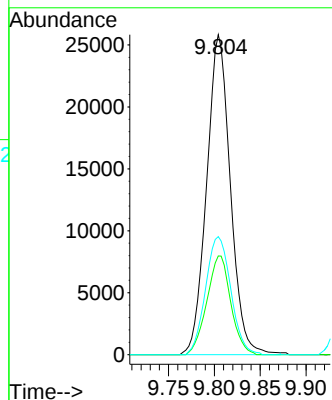
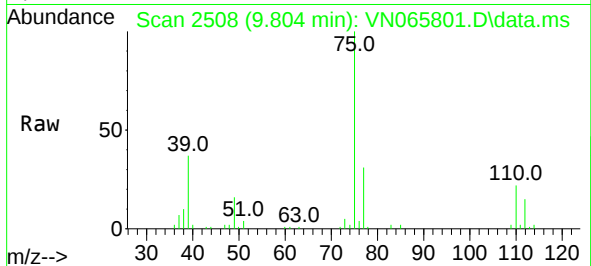




#49  
 cis-1,3-Dichloropropene  
 Concen: 16.26 ug/l  
 RT: 9.804 min Scan# 2508  
 Delta R.T. 0.000 min  
 Lab File: VN065801.D  
 Acq: 10 Feb 2021 17:27

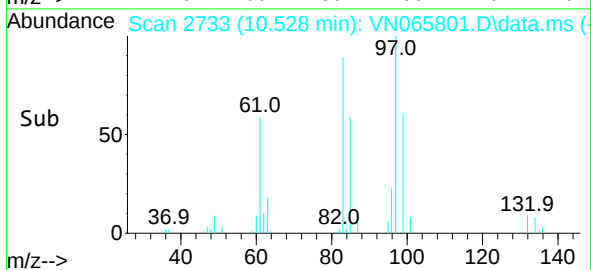
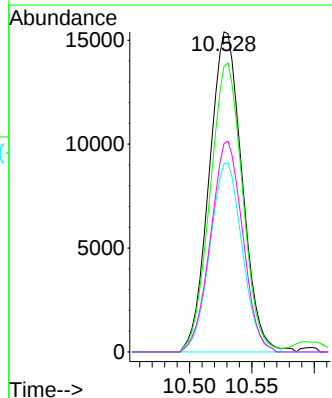
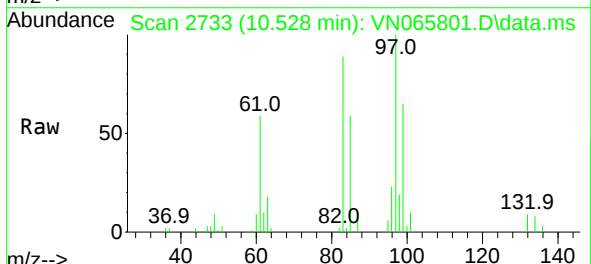
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VN0210WBS02

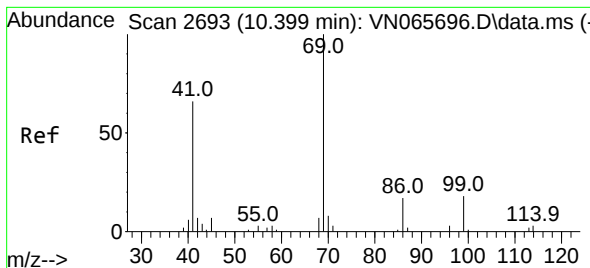
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 46510 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 30.8  | 24.8  | 37.2  |
| 39       | 36.9  | 34.4  | 51.6  |



#50  
 1,1,2-Trichloroethane  
 Concen: 18.23 ug/l  
 RT: 10.528 min Scan# 2733  
 Delta R.T. -0.003 min  
 Lab File: VN065801.D  
 Acq: 10 Feb 2021 17:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 28145 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 89.3  | 68.4  | 102.6 |
| 85       | 58.8  | 42.8  | 64.2  |
| 99       | 65.2  | 50.7  | 76.1  |

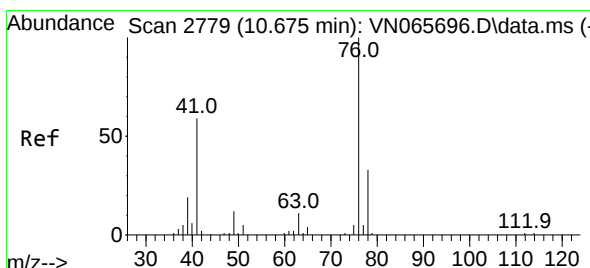
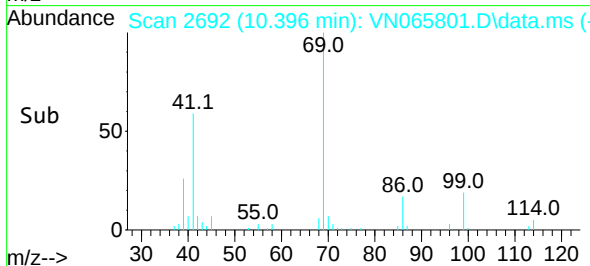
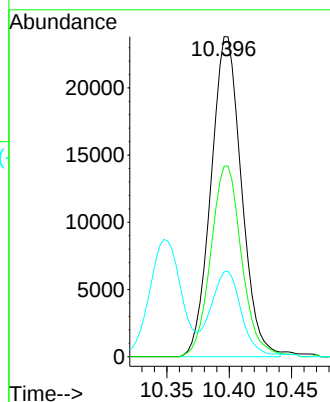
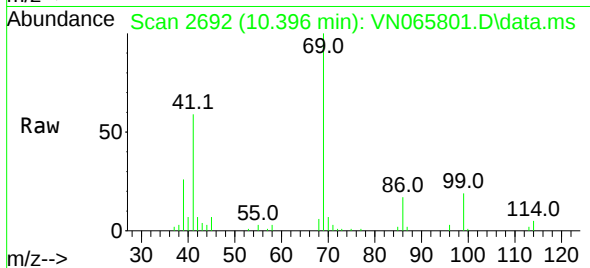




#51  
Ethyl methacrylate  
Concen: 16.30 ug/l  
RT: 10.396 min Scan# 2692  
Delta R.T. -0.003 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

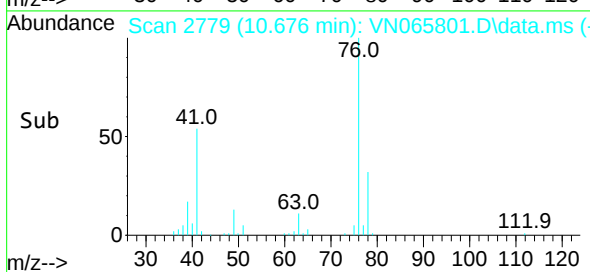
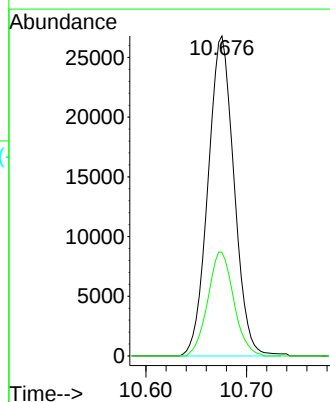
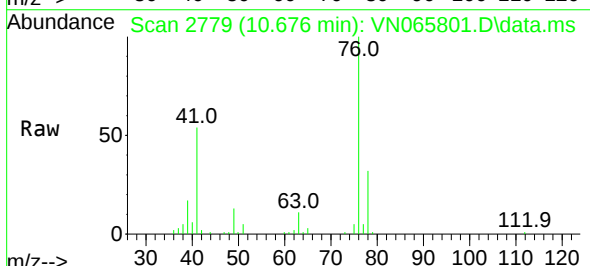
Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

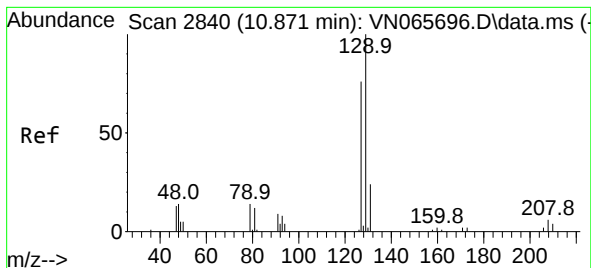
Tgt Ion: 69 Resp: 40534  
Ion Ratio Lower Upper  
69 100  
41 59.5 31.9 95.7  
39 25.6 15.6 46.7



#52  
1,3-Dichloropropane  
Concen: 17.44 ug/l  
RT: 10.676 min Scan# 2779  
Delta R.T. 0.000 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion: 76 Resp: 48232  
Ion Ratio Lower Upper  
76 100  
78 32.3 0.0 64.2

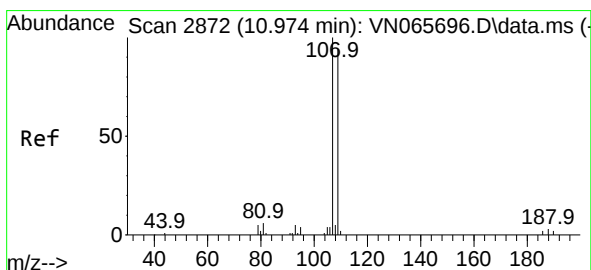
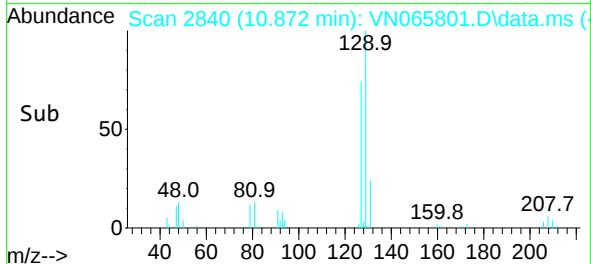
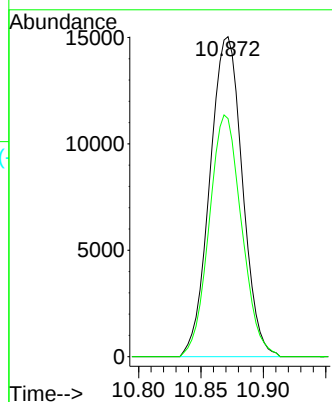
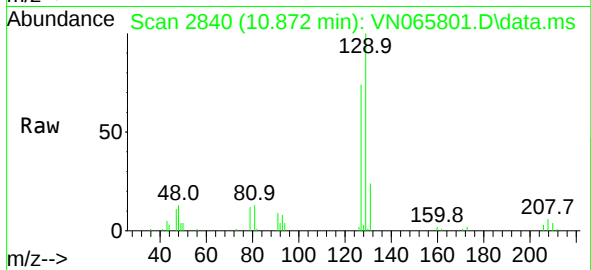




#53  
Dibromochloromethane  
Concen: 17.49 ug/l  
RT: 10.872 min Scan# 2840  
Delta R.T. 0.000 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

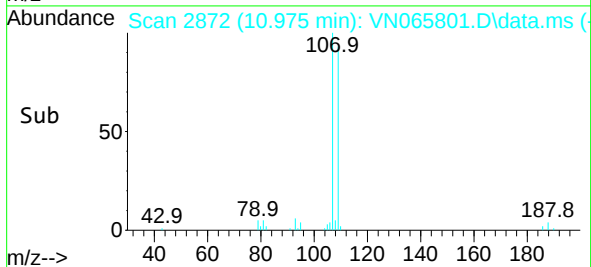
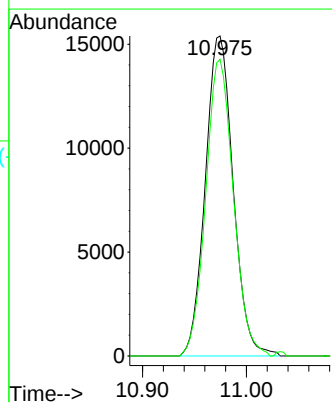
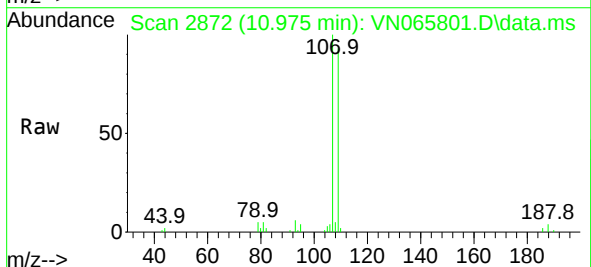
Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

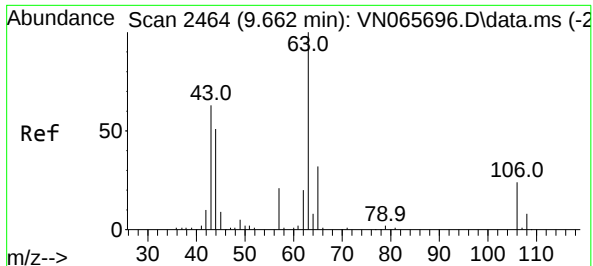
Tgt Ion:129 Resp: 27371  
Ion Ratio Lower Upper  
129 100  
127 75.3 38.9 116.6



#54  
1,2-Dibromoethane  
Concen: 18.52 ug/l  
RT: 10.975 min Scan# 2872  
Delta R.T. 0.000 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion:107 Resp: 28666  
Ion Ratio Lower Upper  
107 100  
109 92.1 76.6 115.0

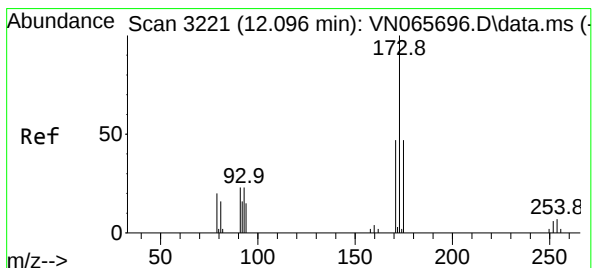
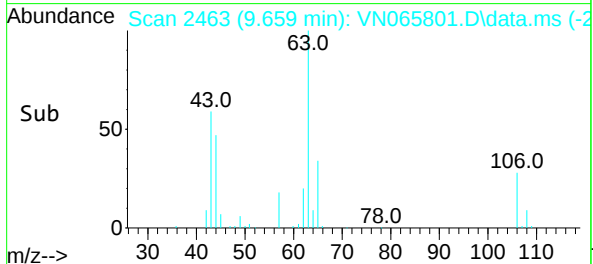
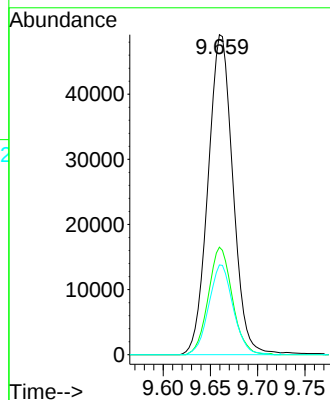
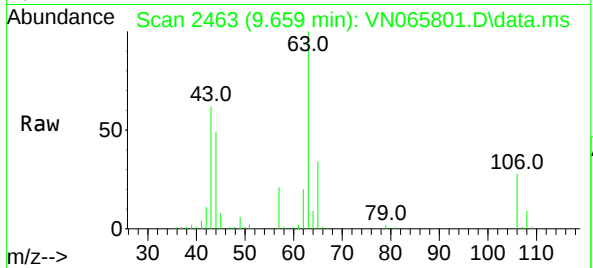




#55  
2-Chloroethyl vinyl ether  
Concen: 81.23 ug/l  
RT: 9.659 min Scan# 2463  
Delta R.T. -0.003 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

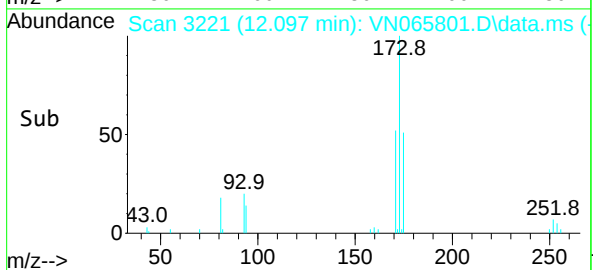
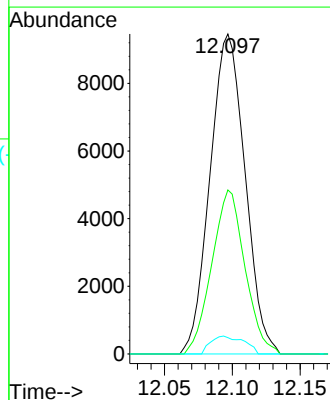
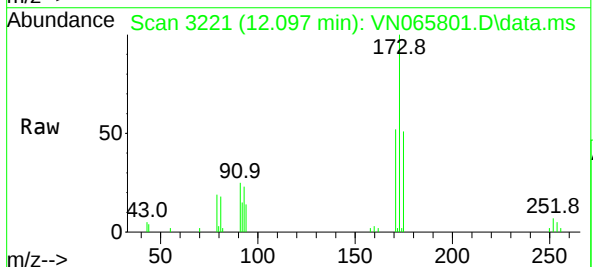
Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

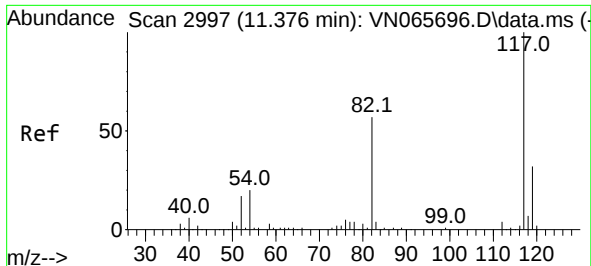
Tgt Ion: 63 Resp: 89754  
Ion Ratio Lower Upper  
63 100  
65 32.4 25.7 38.5  
106 27.5 23.1 34.7



#56  
Bromoform  
Concen: 17.18 ug/l  
RT: 12.097 min Scan# 3221  
Delta R.T. 0.000 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion: 173 Resp: 16987  
Ion Ratio Lower Upper  
173 100  
175 48.5 38.2 57.4  
254 3.9 9.8 14.8#

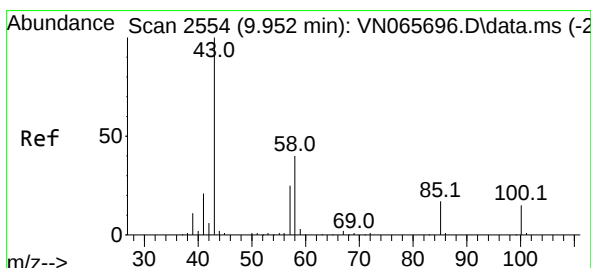
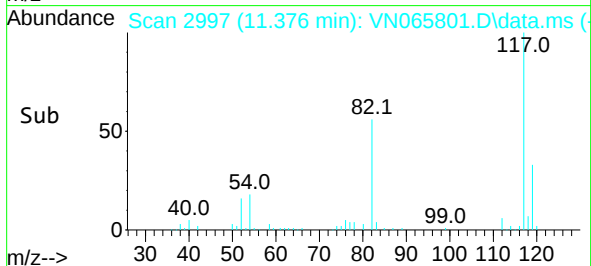
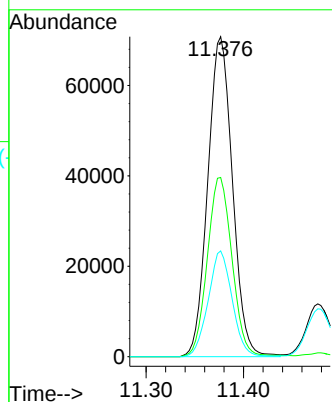
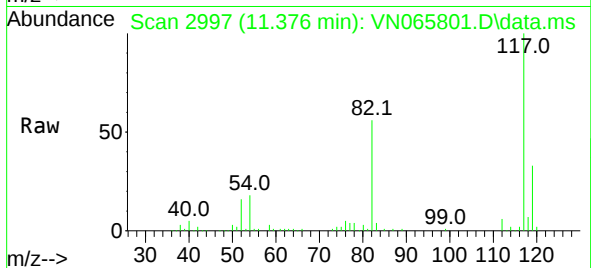




#57  
Chlorobenzene-d5  
Concen: 30.00 ug/l  
RT: 11.376 min Scan# 2997  
Delta R.T. 0.000 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

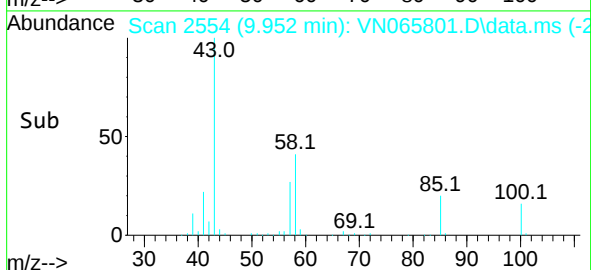
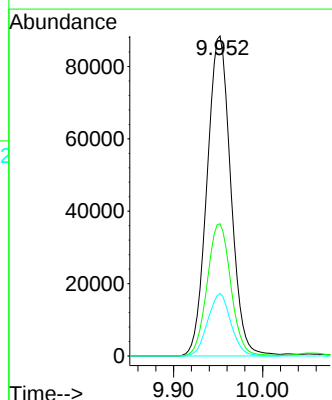
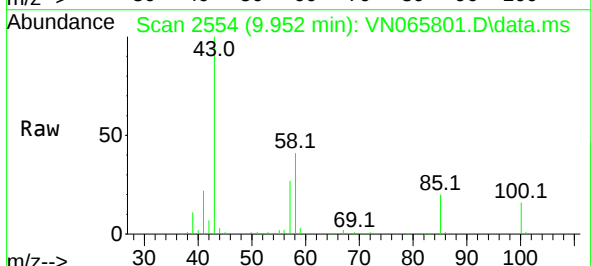
Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

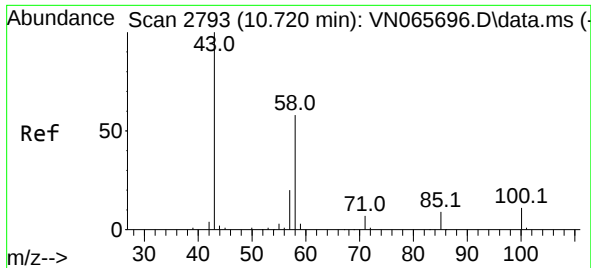
Tgt Ion:117 Resp: 124578  
Ion Ratio Lower Upper  
117 100  
82 56.2 41.3 61.9  
119 32.1 25.7 38.5



#58  
4-Methyl-2-Pentanone  
Concen: 79.04 ug/l  
RT: 9.952 min Scan# 2554  
Delta R.T. 0.000 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion: 43 Resp: 163564  
Ion Ratio Lower Upper  
43 100  
58 41.3 32.7 49.1  
85 19.0 16.0 24.0

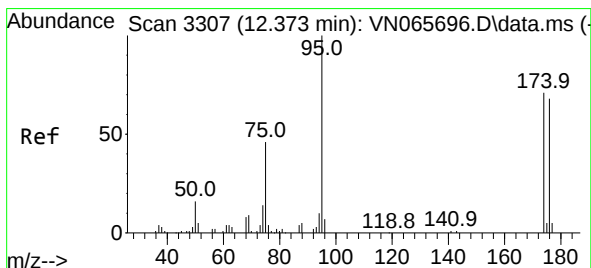
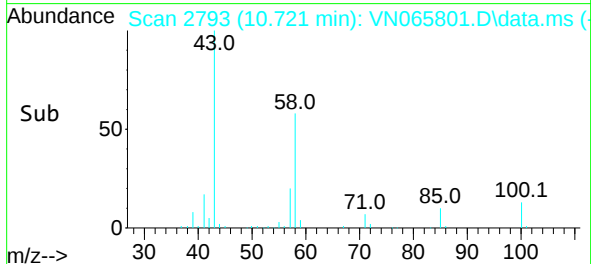
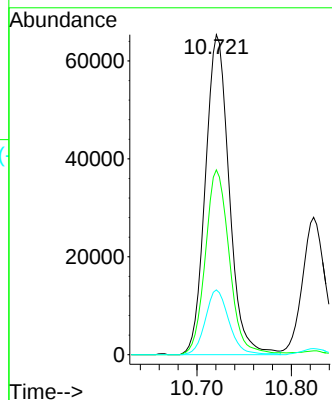
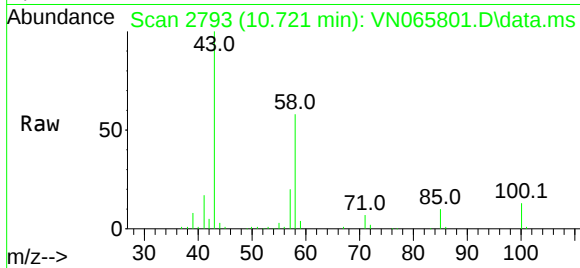




#59  
2-Hexanone  
Concen: 77.11 ug/l  
RT: 10.721 min Scan# 2793  
Delta R.T. 0.000 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

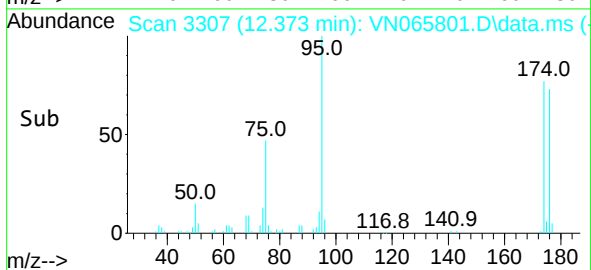
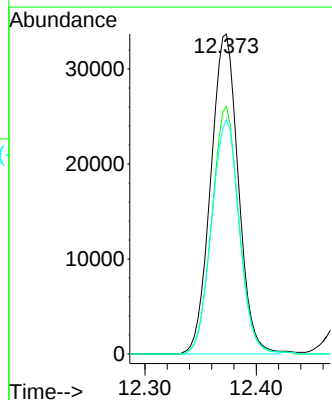
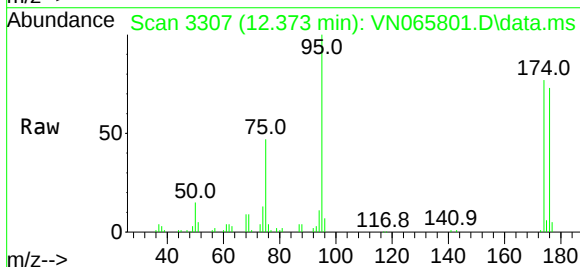
Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

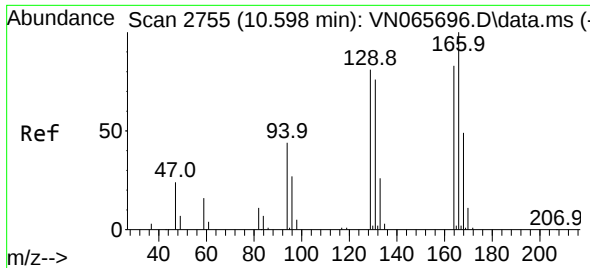
Tgt Ion: 43 Resp: 114215  
Ion Ratio Lower Upper  
43 100  
58 58.2 45.4 68.0  
57 20.0 15.8 23.8



#60  
4-Bromofluorobenzene  
Concen: 28.62 ug/l  
RT: 12.373 min Scan# 3307  
Delta R.T. 0.000 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion: 95 Resp: 58009  
Ion Ratio Lower Upper  
95 100  
174 76.0 77.0 115.6#  
176 74.1 75.8 113.6#



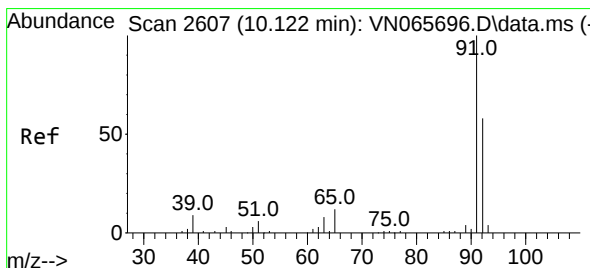
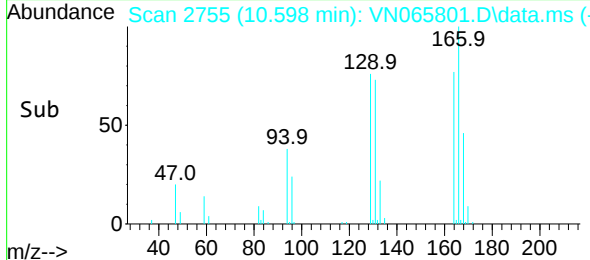
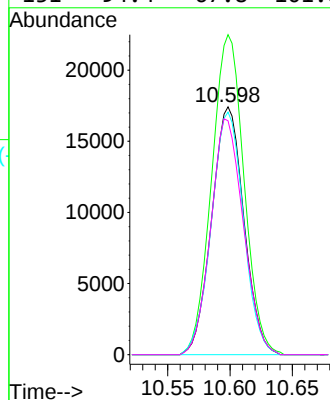
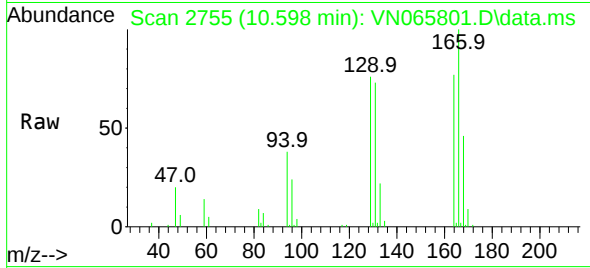


#61  
Tetrachloroethene  
Concen: 19.07 ug/l  
RT: 10.598 min Scan# 2755  
Delta R.T. 0.000 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

Tgt Ion:164 Resp: 31287

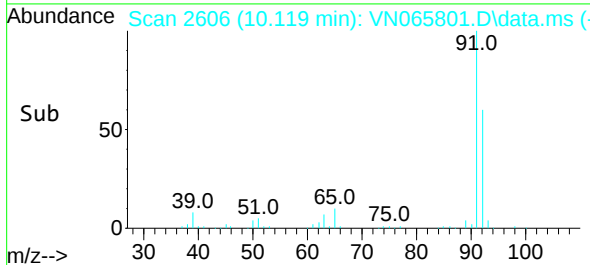
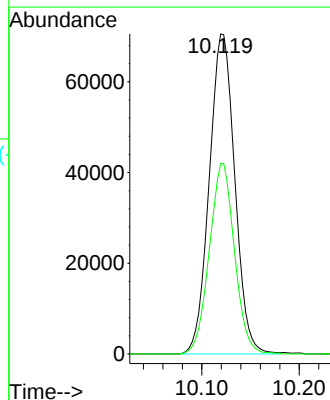
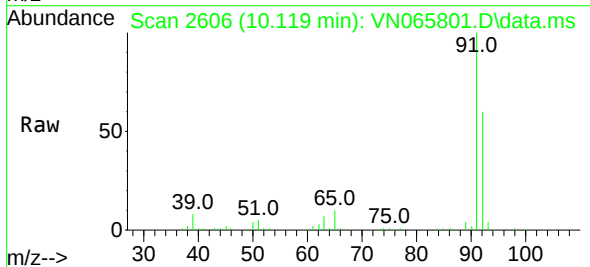
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 129.1 | 101.2 | 151.8 |
| 129 | 97.8  | 69.7  | 104.5 |
| 131 | 94.4  | 67.8  | 101.8 |

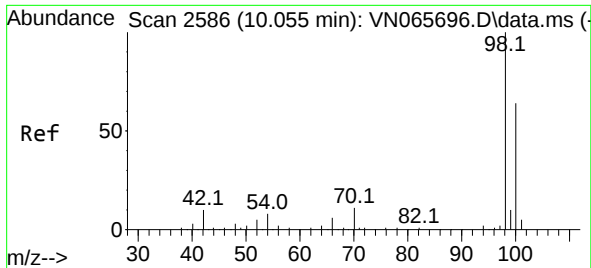


#62  
Toluene  
Concen: 17.64 ug/l  
RT: 10.119 min Scan# 2606  
Delta R.T. -0.003 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion: 91 Resp: 128513

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 58.6  | 46.2  | 69.4  |

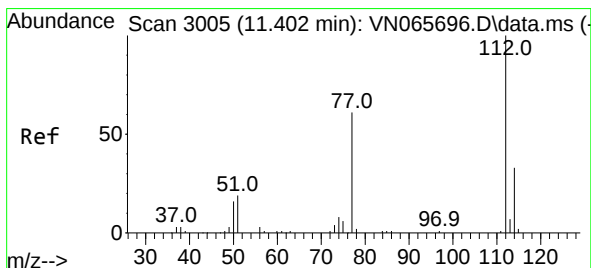
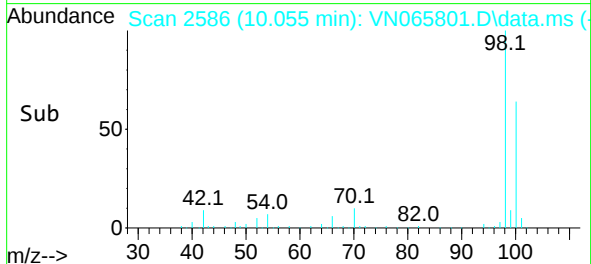
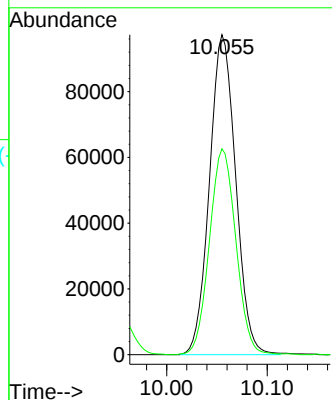
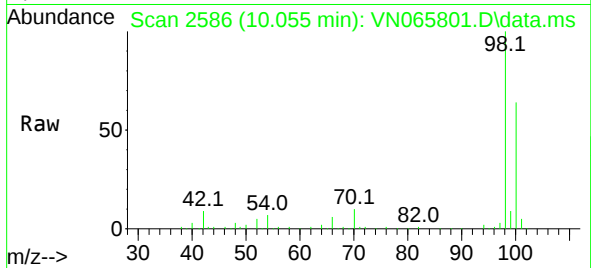




#63  
Toluene-d8  
Concen: 29.43 ug/l  
RT: 10.055 min Scan# 2586  
Delta R.T. 0.000 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

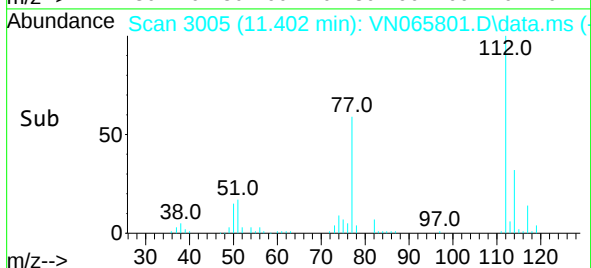
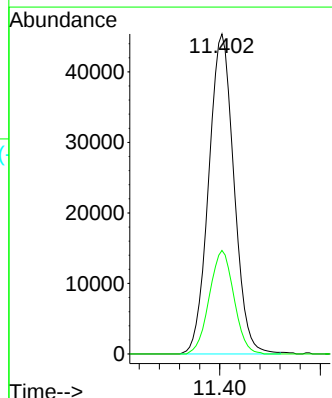
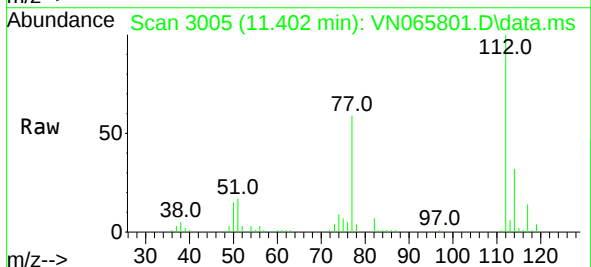
Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

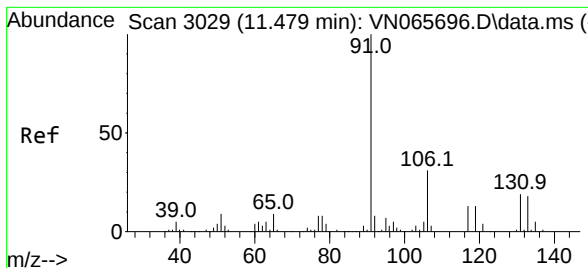
Tgt Ion: 98 Resp: 176238  
Ion Ratio Lower Upper  
98 100  
100 64.9 51.9 77.9



#64  
Chlorobenzene  
Concen: 18.40 ug/l  
RT: 11.402 min Scan# 3005  
Delta R.T. 0.000 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion: 112 Resp: 79087  
Ion Ratio Lower Upper  
112 100  
114 32.4 25.5 38.3

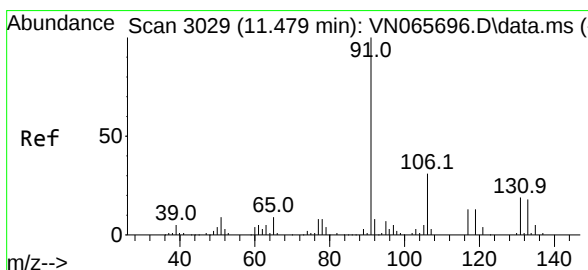
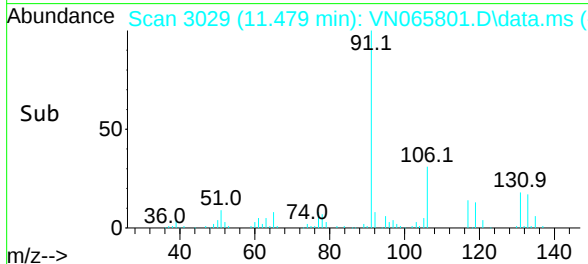
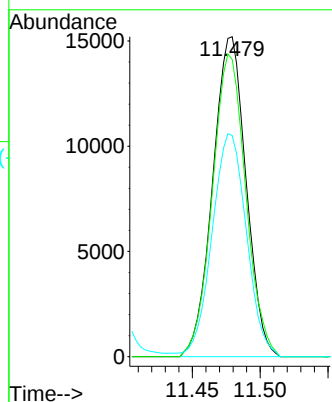
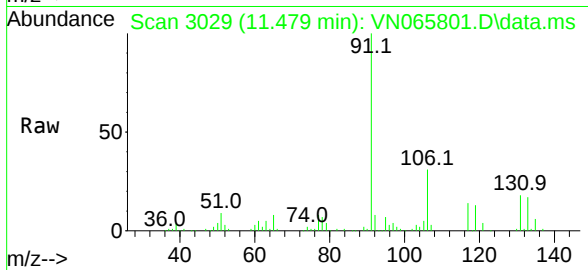




#65  
1,1,1,2-Tetrachloroethane  
Concen: 17.38 ug/l  
RT: 11.479 min Scan# 3029  
Delta R.T. 0.000 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

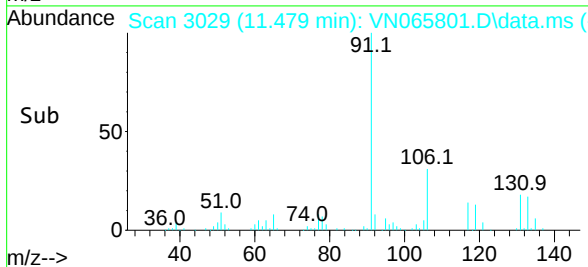
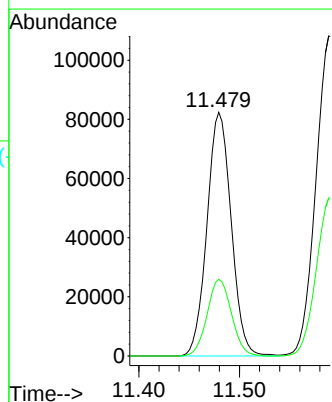
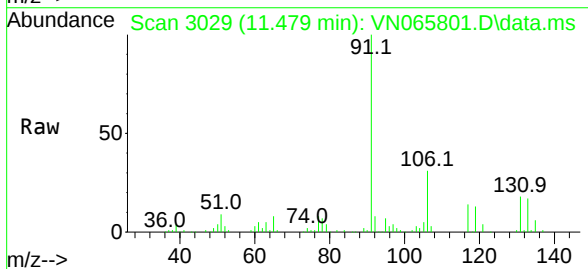
Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

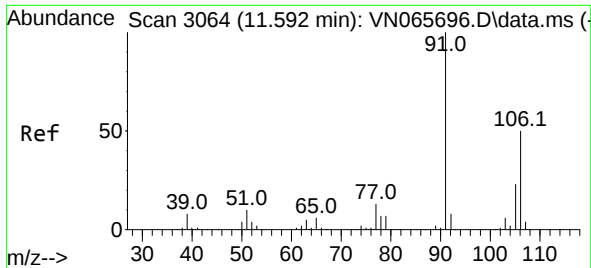
Tgt Ion:131 Resp: 25968  
Ion Ratio Lower Upper  
131 100  
133 94.8 0.0 186.2  
119 71.9 0.0 131.6



#66  
Ethyl Benzene  
Concen: 17.68 ug/l  
RT: 11.479 min Scan# 3029  
Delta R.T. 0.000 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion: 91 Resp: 137850  
Ion Ratio Lower Upper  
91 100  
106 31.4 25.5 38.3

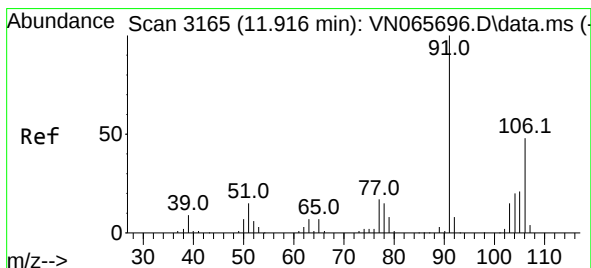
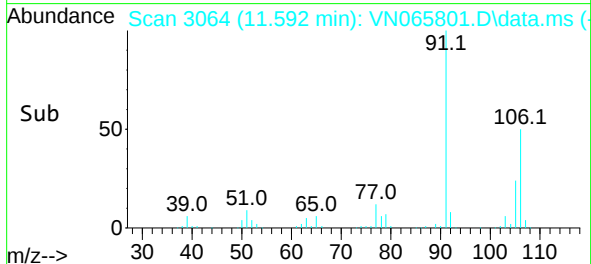
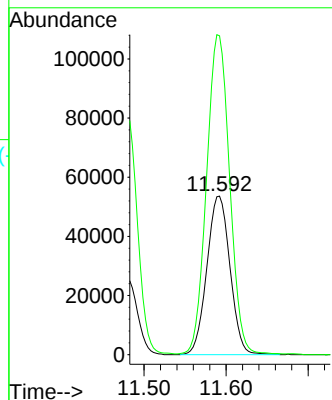
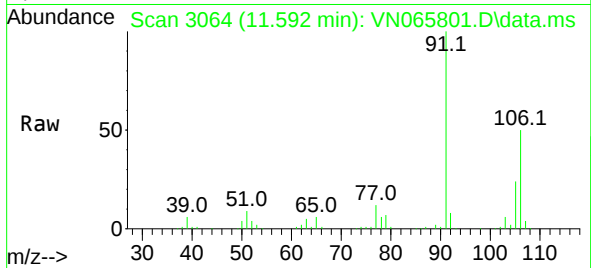




#67  
m/p-Xylenes  
Concen: 36.21 ug/l  
RT: 11.592 min Scan# 3064  
Delta R.T. 0.000 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

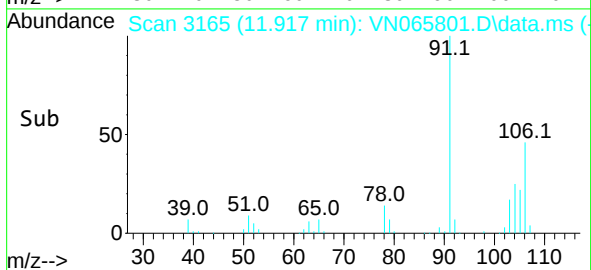
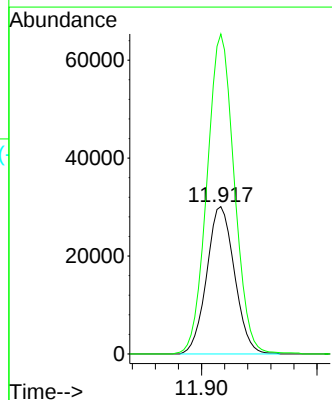
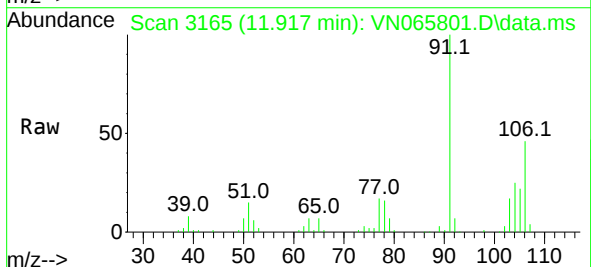
Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

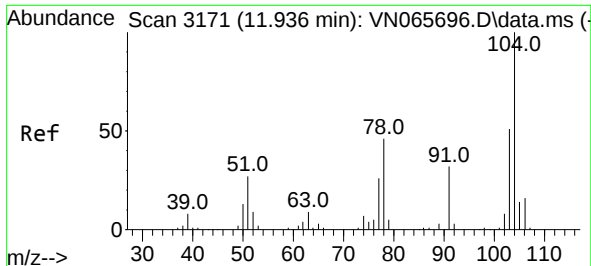
Tgt Ion:106 Resp: 105122  
Ion Ratio Lower Upper  
106 100  
91 201.8 159.0 238.6



#68  
o-Xylene  
Concen: 17.82 ug/l  
RT: 11.917 min Scan# 3165  
Delta R.T. 0.000 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion:106 Resp: 50383  
Ion Ratio Lower Upper  
106 100  
91 213.3 104.7 313.9

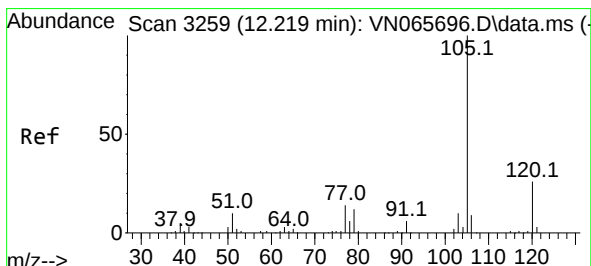
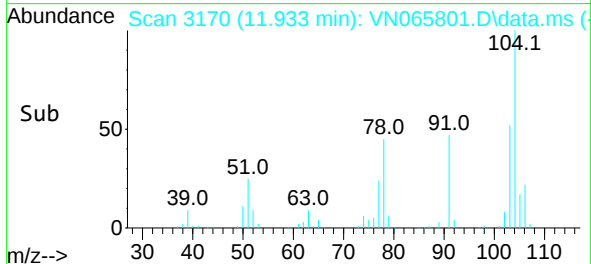
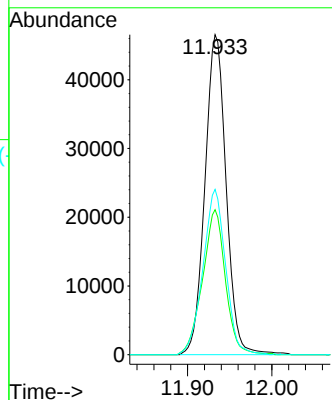
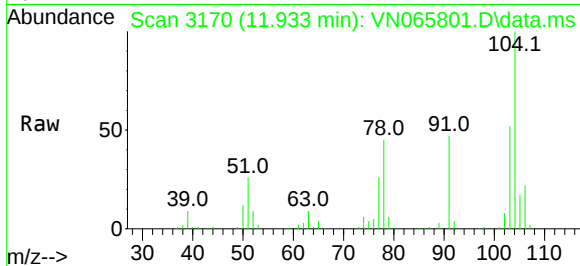




#69  
Styrene  
Concen: 17.85 ug/l  
RT: 11.933 min Scan# 3170  
Delta R.T. -0.003 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

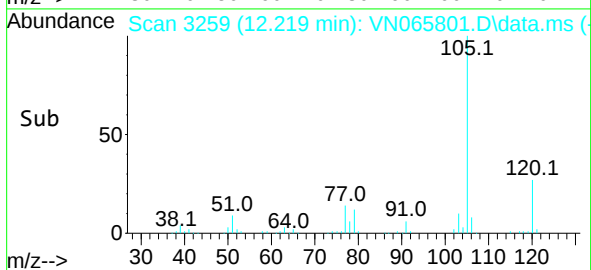
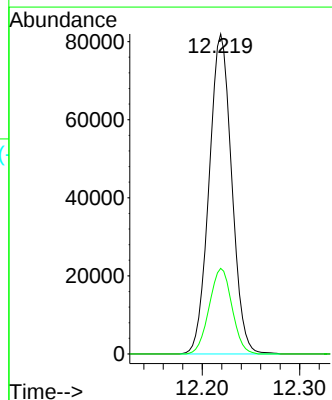
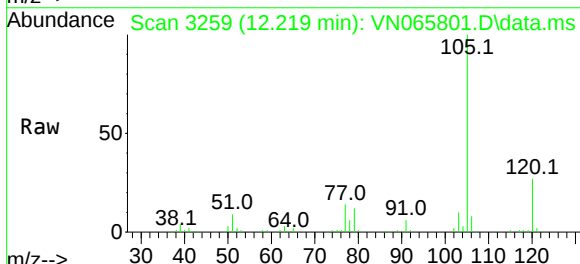
Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

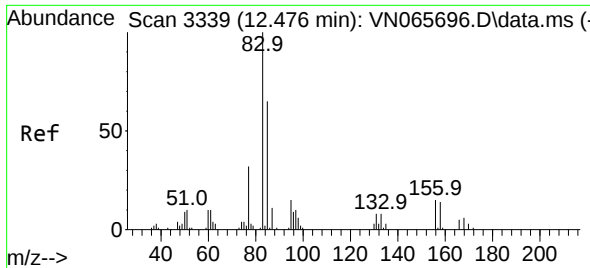
Tgt Ion:104 Resp: 81613  
Ion Ratio Lower Upper  
104 100  
78 48.8 38.0 57.0  
103 55.2 44.3 66.5



#70  
Isopropylbenzene  
Concen: 18.19 ug/l  
RT: 12.219 min Scan# 3259  
Delta R.T. 0.000 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion:105 Resp: 132124  
Ion Ratio Lower Upper  
105 100  
120 26.8 19.3 35.9

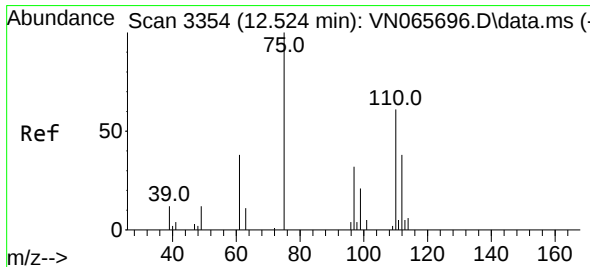
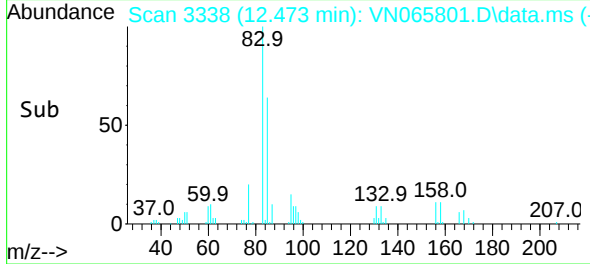
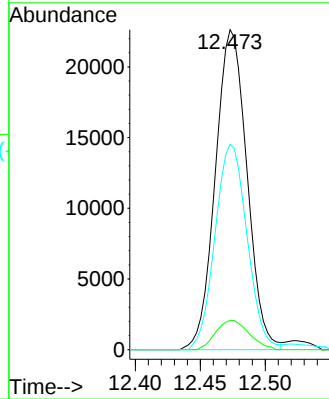
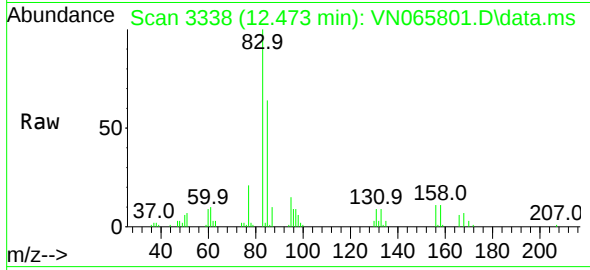




#71  
1,1,2,2-Tetrachloroethane  
Concen: 17.95 ug/l  
RT: 12.473 min Scan# 3338  
Delta R.T. -0.003 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

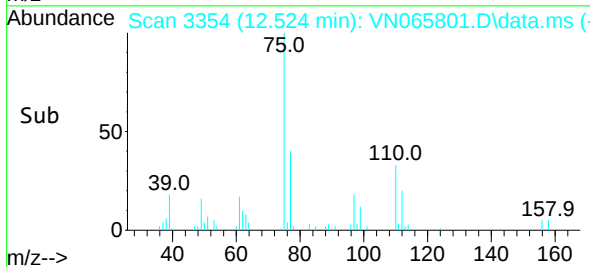
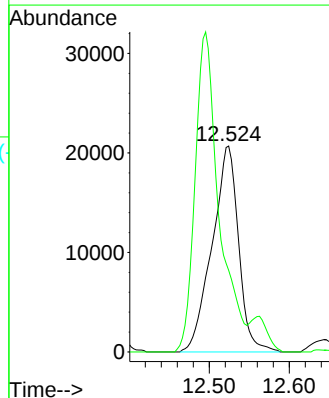
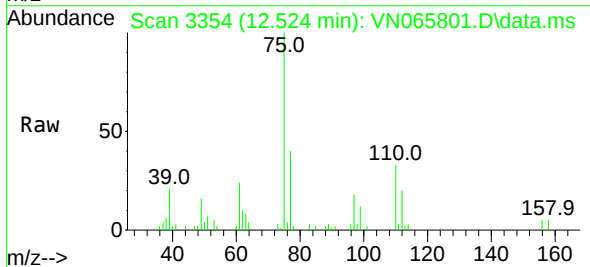
Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

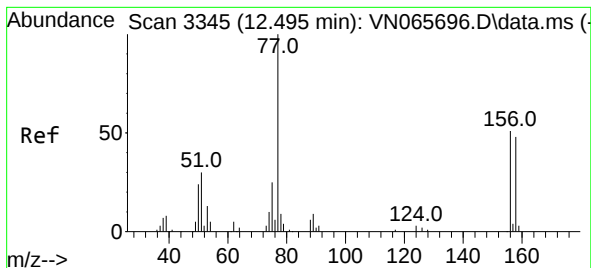
Tgt Ion: 83 Resp: 38247  
Ion Ratio Lower Upper  
83 100  
131 9.7 5.5 16.4  
85 64.9 32.1 96.5



#72  
1,2,3-Trichloropropane  
Concen: 22.81 ug/l  
RT: 12.524 min Scan# 3354  
Delta R.T. 0.000 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion: 75 Resp: 47601  
Ion Ratio Lower Upper  
75 100  
77 140.2 0.0 366.4

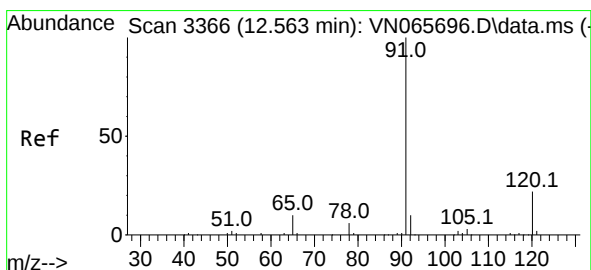
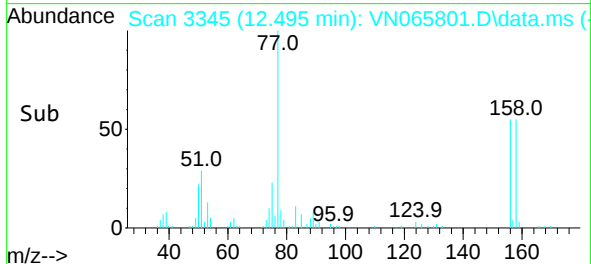
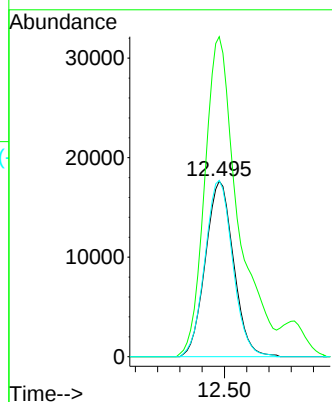
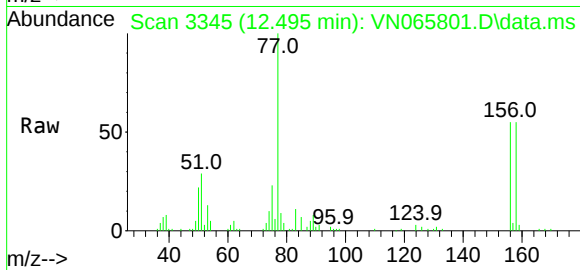




#73  
Bromobenzene  
Concen: 18.97 ug/l  
RT: 12.495 min Scan# 3345  
Delta R.T. 0.000 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

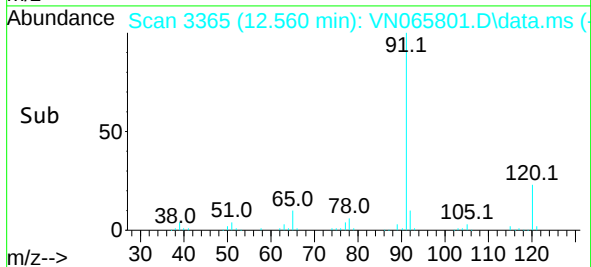
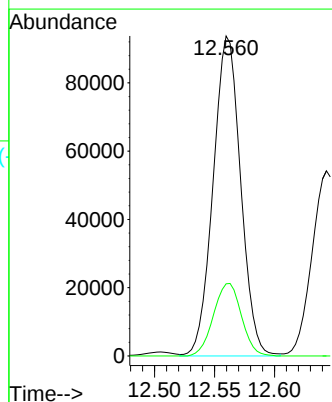
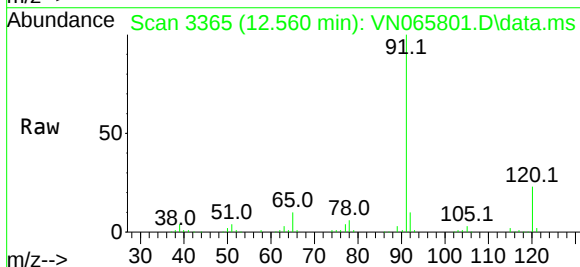
Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

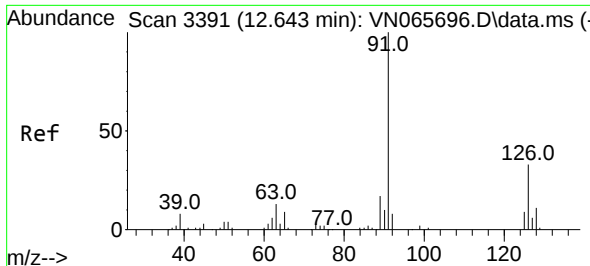
Tgt Ion:156 Resp: 31029  
Ion Ratio Lower Upper  
156 100  
77 215.1 0.0 348.8  
158 99.4 0.0 194.8



#74  
n-propylbenzene  
Concen: 17.78 ug/l  
RT: 12.560 min Scan# 3365  
Delta R.T. -0.003 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion: 91 Resp: 149221  
Ion Ratio Lower Upper  
91 100  
120 23.0 0.0 49.4

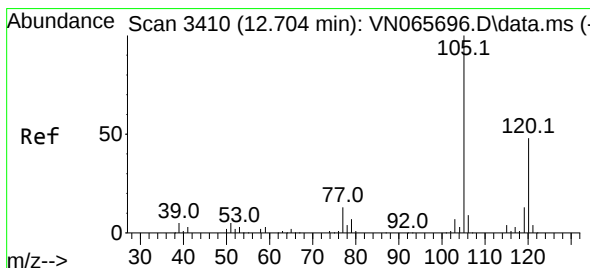
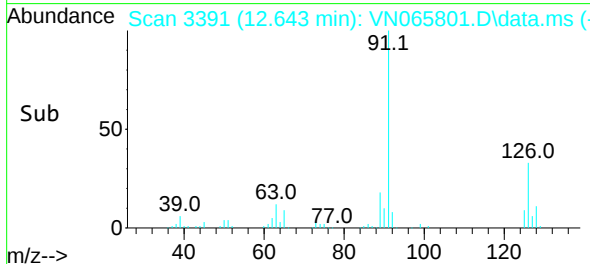
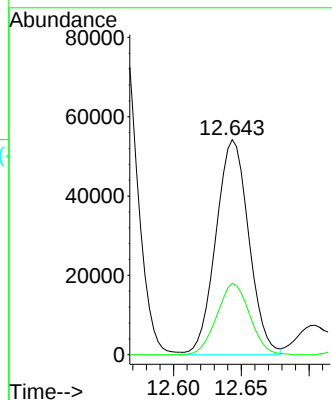
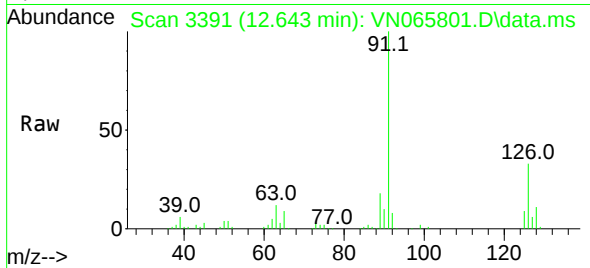




#75  
2-Chlorotoluene  
Concen: 18.01 ug/l  
RT: 12.643 min Scan# 3391  
Delta R.T. 0.000 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

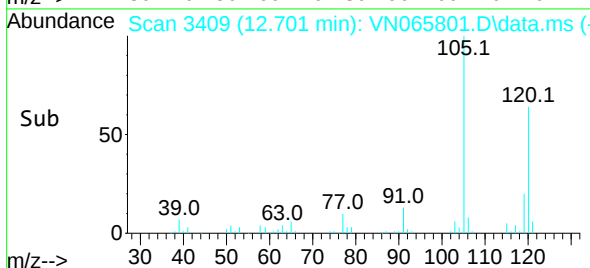
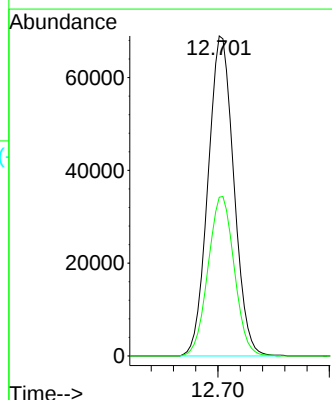
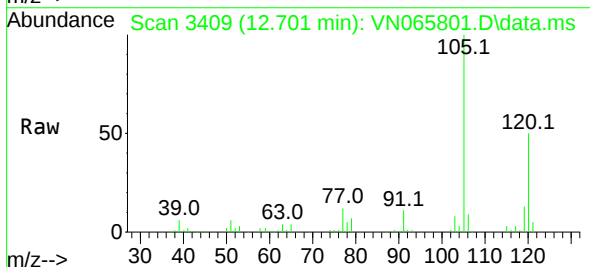
Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

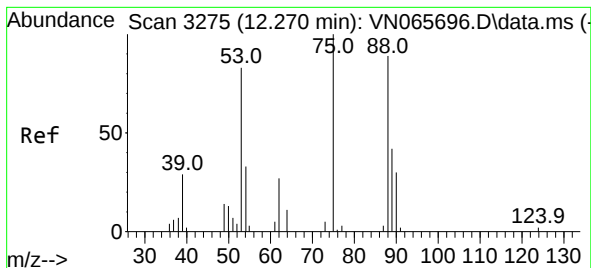
Tgt Ion: 91 Resp: 91563  
Ion Ratio Lower Upper  
91 100  
126 33.1 0.0 74.2



#76  
1,3,5-Trimethylbenzene  
Concen: 18.26 ug/l  
RT: 12.701 min Scan# 3409  
Delta R.T. -0.003 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion: 105 Resp: 111074  
Ion Ratio Lower Upper  
105 100  
120 50.5 0.0 101.6

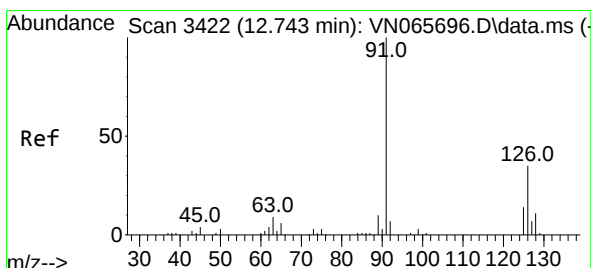
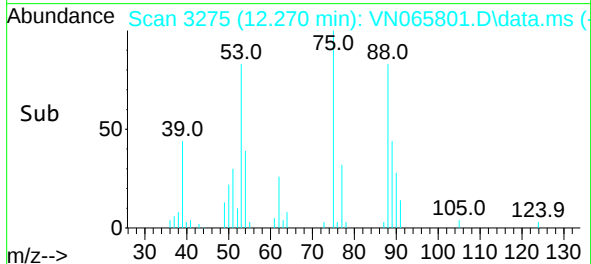
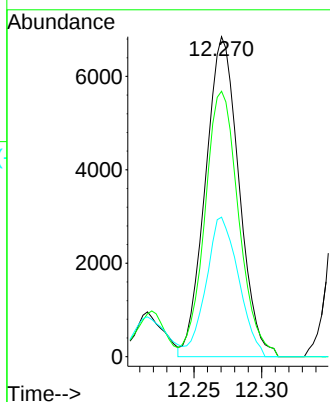
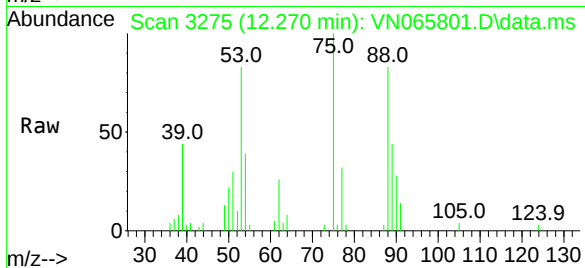




#77  
t-1,4-Dichloro-2-butene  
Concen: 14.48 ug/l  
RT: 12.270 min Scan# 3275  
Delta R.T. 0.000 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

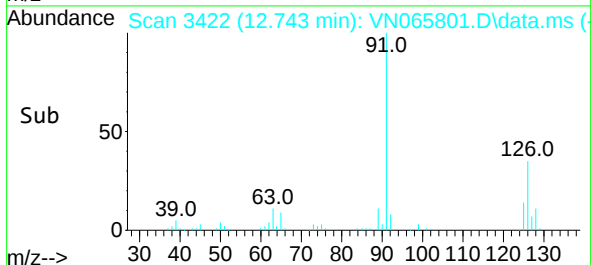
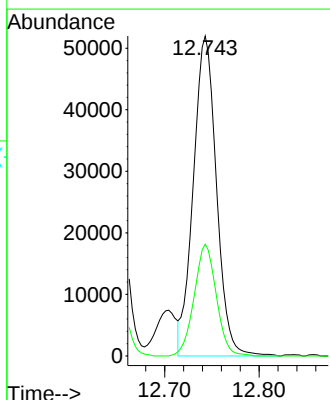
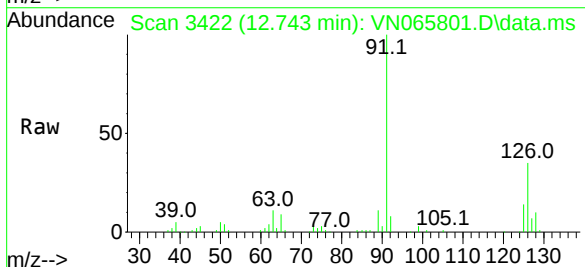
Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

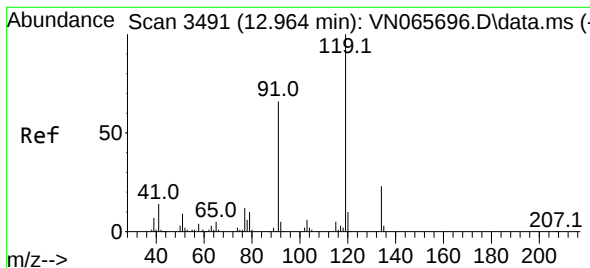
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 11797 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 83.0  | 44.9  | 134.5 |
| 89       | 43.6  | 21.3  | 64.0  |



#78  
4-Chlorotoluene  
Concen: 17.48 ug/l  
RT: 12.743 min Scan# 3422  
Delta R.T. 0.000 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 88444 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 126      | 33.4  | 0.0   | 71.4  |

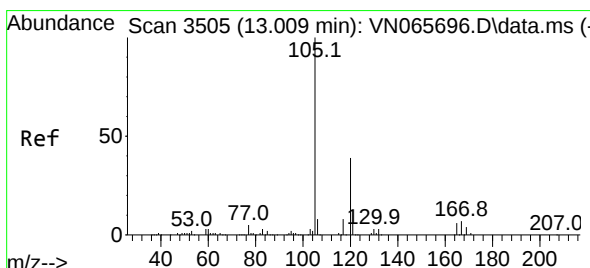
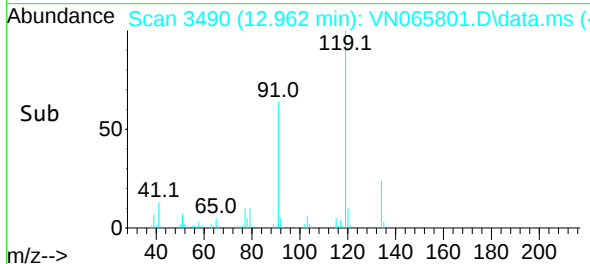
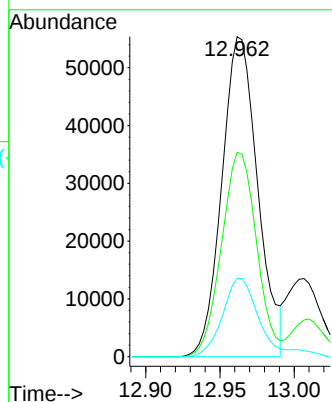
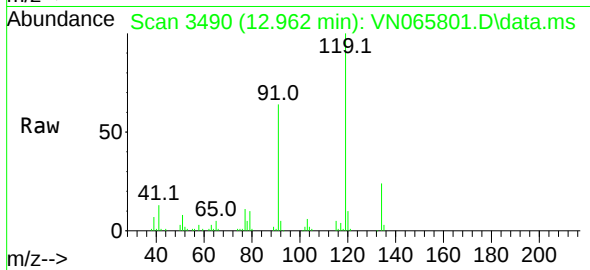




#79  
tert-butylbenzene  
Concen: 18.54 ug/l  
RT: 12.962 min Scan# 3490  
Delta R.T. -0.003 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

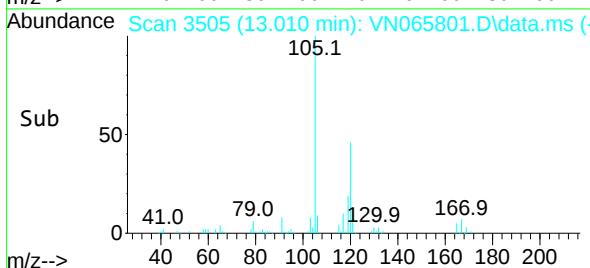
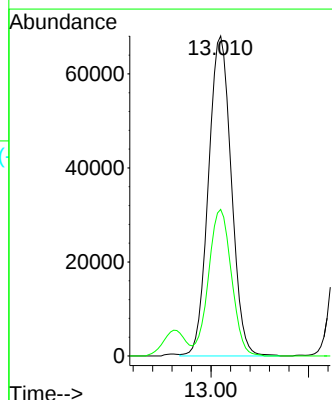
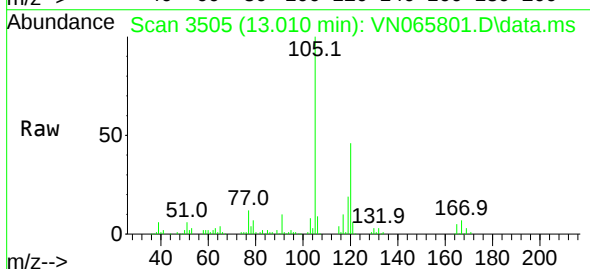
Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

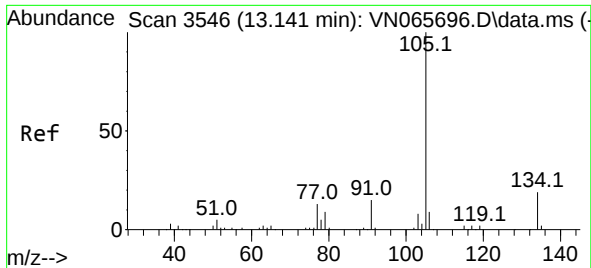
Tgt Ion:119 Resp: 93137  
Ion Ratio Lower Upper  
119 100  
91 62.4 0.0 126.0  
134 24.2 0.0 51.2



#80  
1,2,4-Trimethylbenzene  
Concen: 18.21 ug/l  
RT: 13.010 min Scan# 3505  
Delta R.T. 0.000 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion:105 Resp: 110848  
Ion Ratio Lower Upper  
105 100  
120 45.9 0.0 93.6

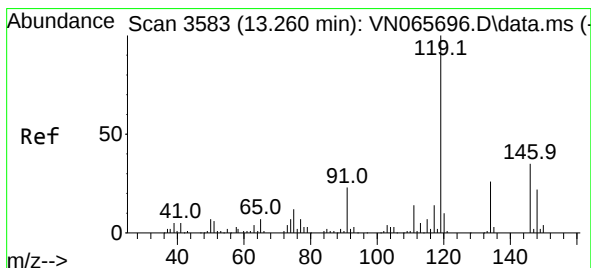
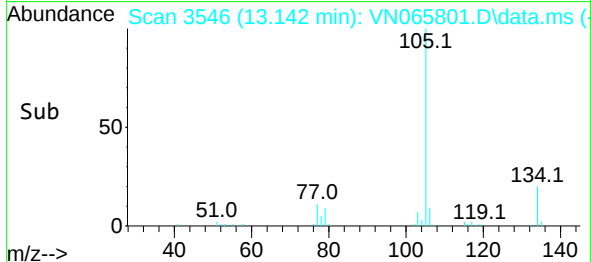
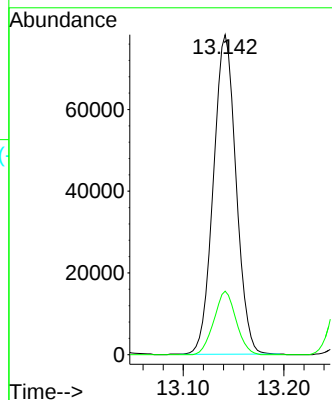
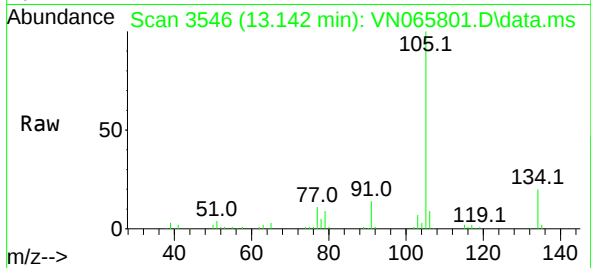




#81  
 sec-Butylbenzene  
 Concen: 18.26 ug/l  
 RT: 13.142 min Scan# 3546  
 Delta R.T. 0.000 min  
 Lab File: VN065801.D  
 Acq: 10 Feb 2021 17:27

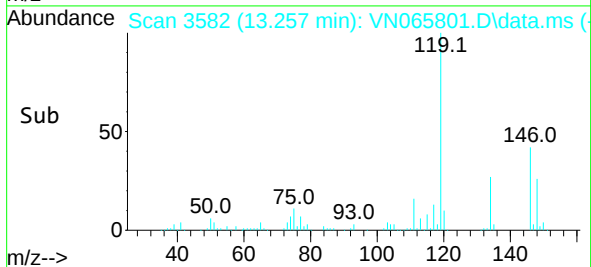
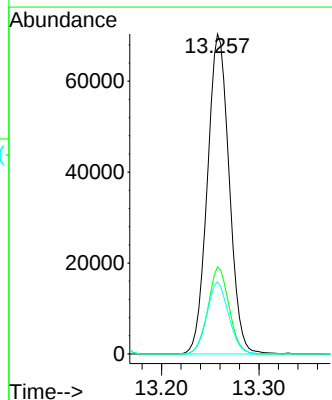
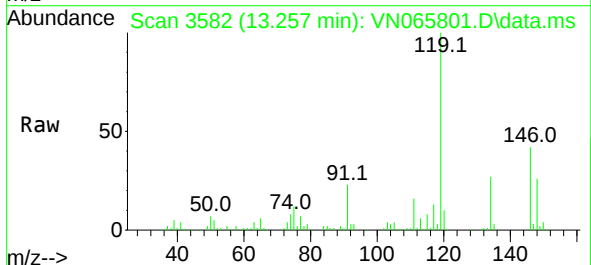
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VN0210WBS02

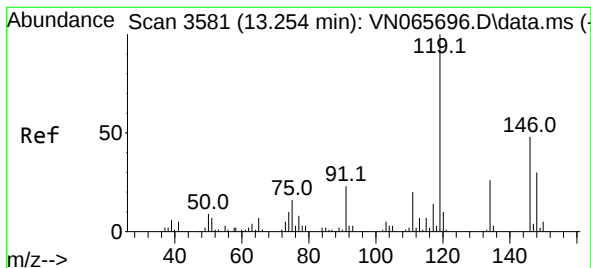
Tgt Ion:105 Resp: 122452  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 0.0 42.2



#82  
 p-Isopropyltoluene  
 Concen: 18.30 ug/l  
 RT: 13.257 min Scan# 3582  
 Delta R.T. -0.003 min  
 Lab File: VN065801.D  
 Acq: 10 Feb 2021 17:27

Tgt Ion:119 Resp: 109288  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 0.0 54.8  
 91 22.6 0.0 44.8





#83

1,3-Dichlorobenzene

Concen: 18.87 ug/l

RT: 13.254 min Scan# 3581

Delta R.T. 0.000 min

Lab File: VN065801.D

Acq: 10 Feb 2021 17:27

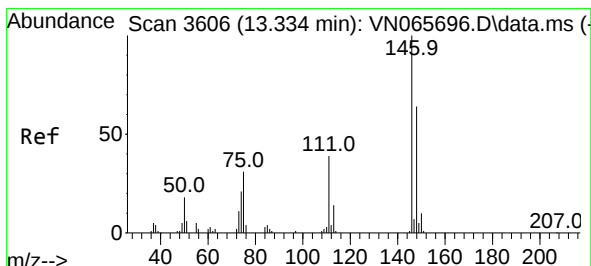
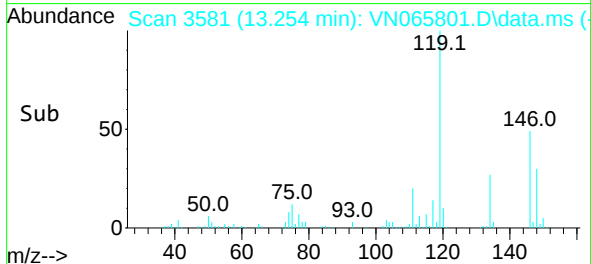
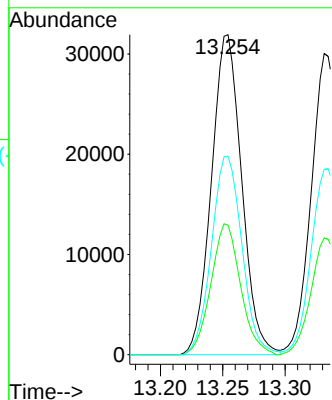
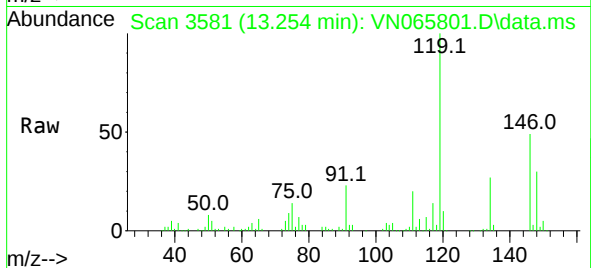
Tgt Ion:146 Resp: 54010

Ion Ratio Lower Upper

146 100

111 40.0 18.6 55.8

148 62.4 32.0 96.2



#84

1,4-Dichlorobenzene

Concen: 18.41 ug/l

RT: 13.331 min Scan# 3605

Delta R.T. -0.003 min

Lab File: VN065801.D

Acq: 10 Feb 2021 17:27

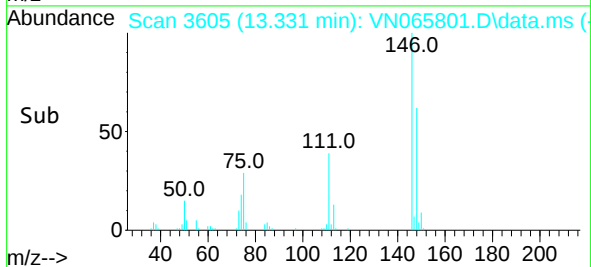
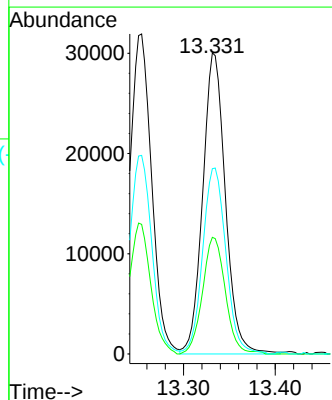
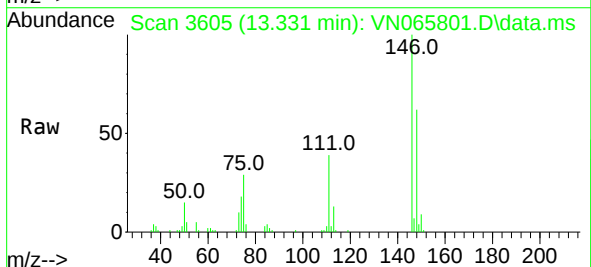
Tgt Ion:146 Resp: 51682

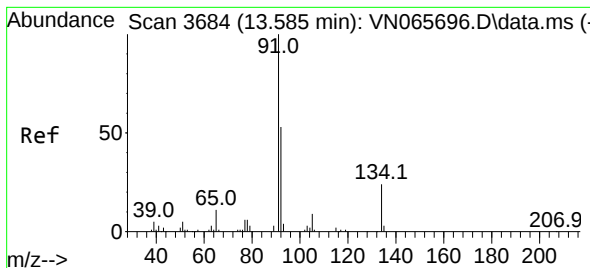
Ion Ratio Lower Upper

146 100

111 38.7 17.9 53.7

148 63.5 31.8 95.4

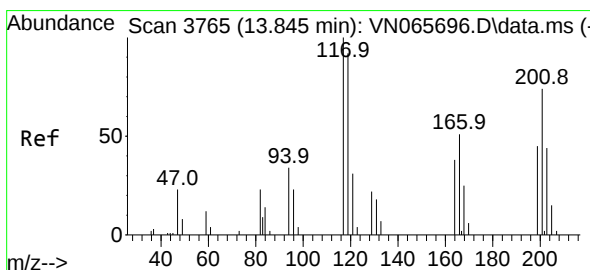
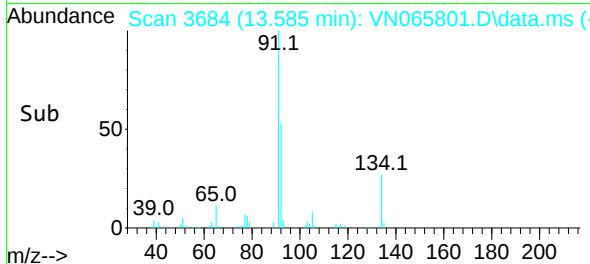
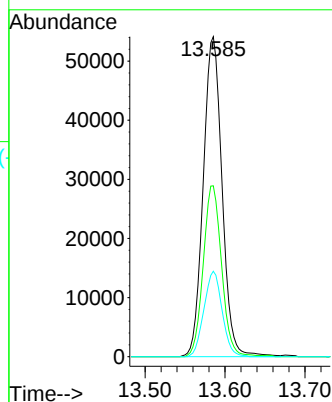
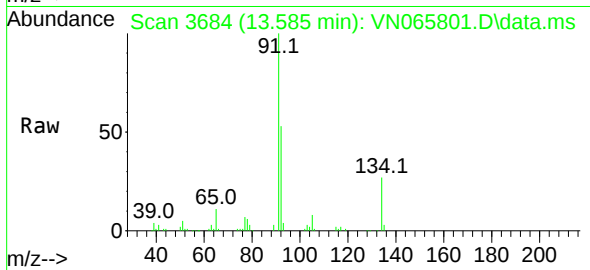




#85  
n-Butylbenzene  
Concen: 17.06 ug/l  
RT: 13.585 min Scan# 3684  
Delta R.T. 0.000 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

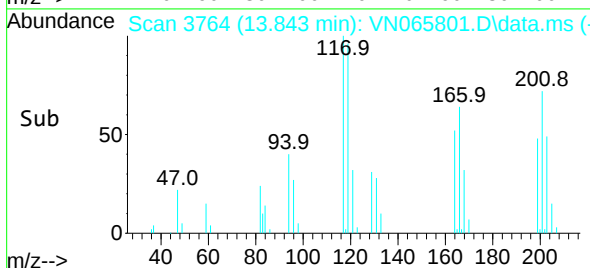
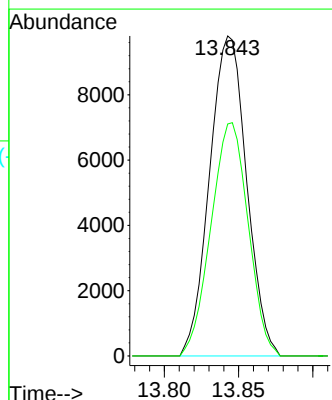
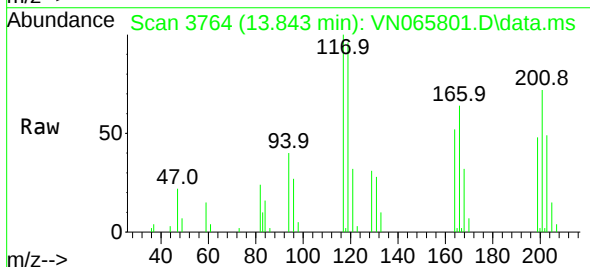
Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

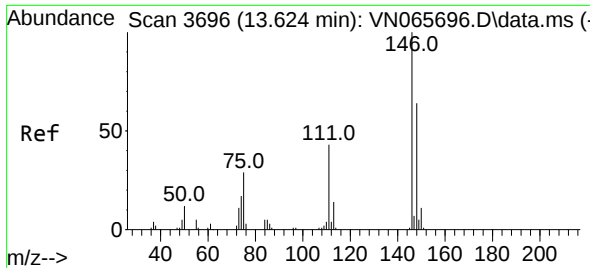
Tgt Ion: 91 Resp: 88906  
Ion Ratio Lower Upper  
91 100  
92 52.0 0.0 104.8  
134 25.7 0.0 55.8



#86  
Hexachloroethane  
Concen: 16.43 ug/l  
RT: 13.843 min Scan# 3764  
Delta R.T. -0.003 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion: 117 Resp: 17032  
Ion Ratio Lower Upper  
117 100  
201 73.1 48.4 145.3

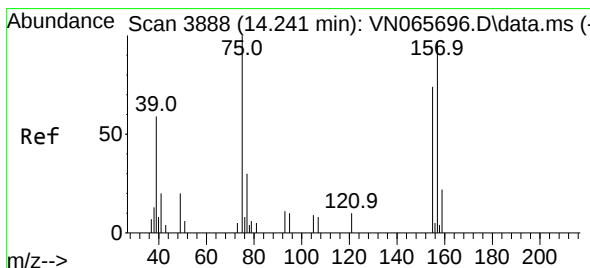
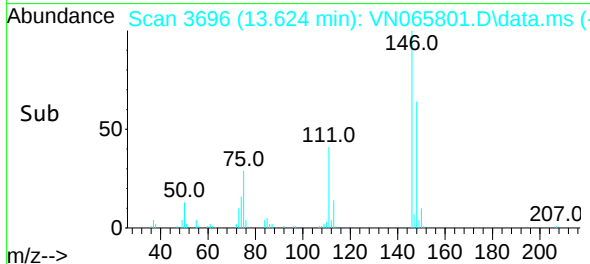
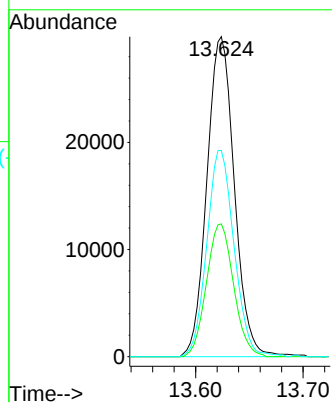
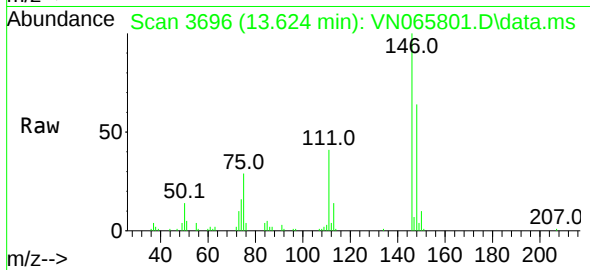




#87  
1,2-Dichlorobenzene  
Concen: 18.50 ug/l  
RT: 13.624 min Scan# 3696  
Delta R.T. 0.000 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

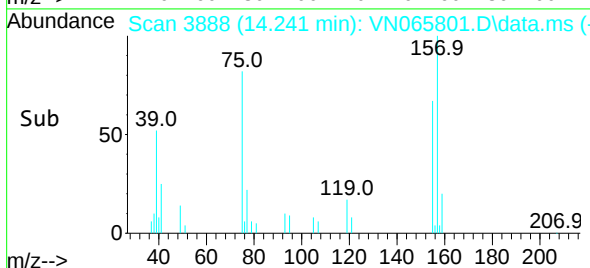
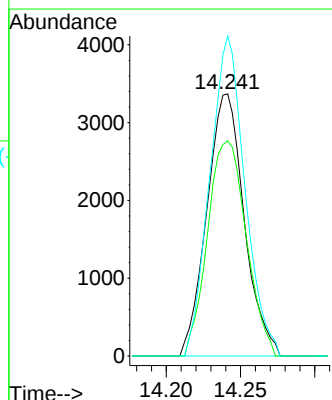
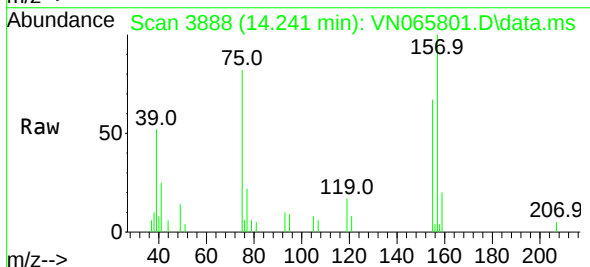
Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

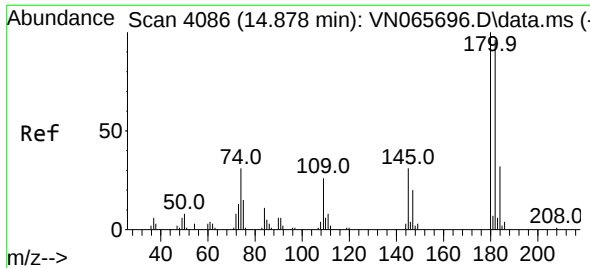
Tgt Ion:146 Resp: 52927  
Ion Ratio Lower Upper  
146 100  
111 40.9 18.9 56.9  
148 64.1 32.3 96.8



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 14.35 ug/l  
RT: 14.241 min Scan# 3888  
Delta R.T. 0.000 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion: 75 Resp: 5891  
Ion Ratio Lower Upper  
75 100  
155 84.9 76.9 115.3  
157 114.5 105.8 158.8

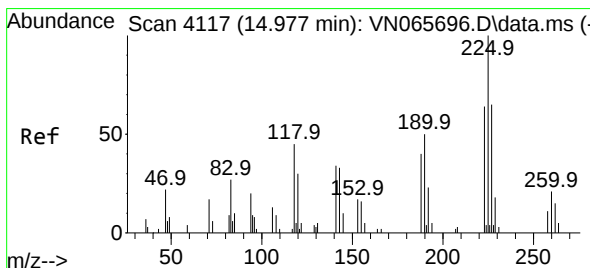
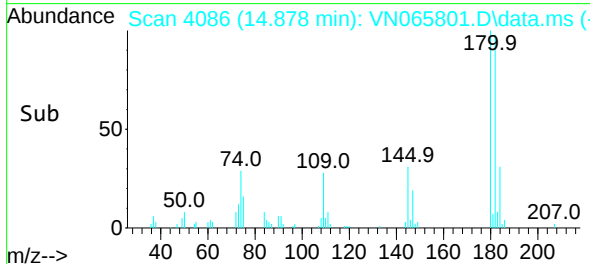
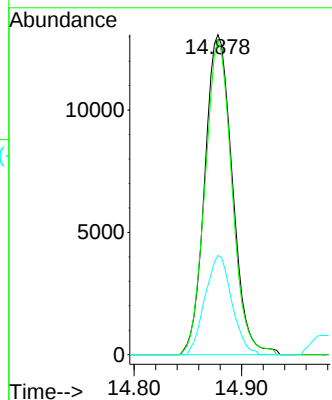
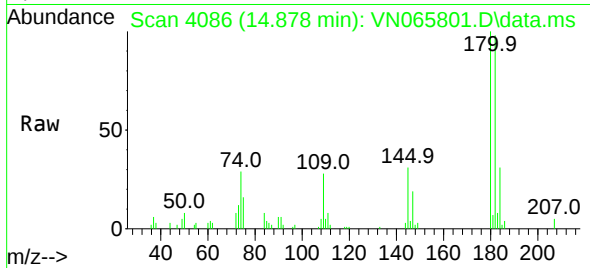




#89  
1,2,4-Trichlorobenzene  
Concen: 15.63 ug/l  
RT: 14.878 min Scan# 4086  
Delta R.T. 0.000 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

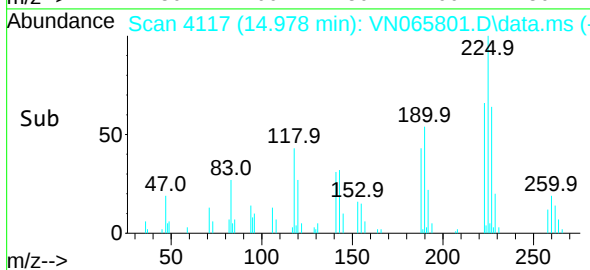
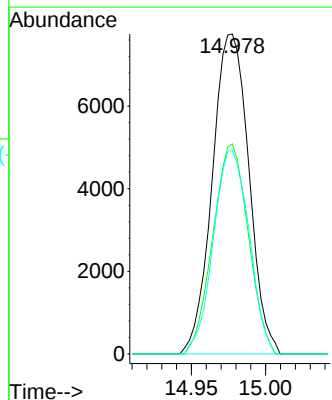
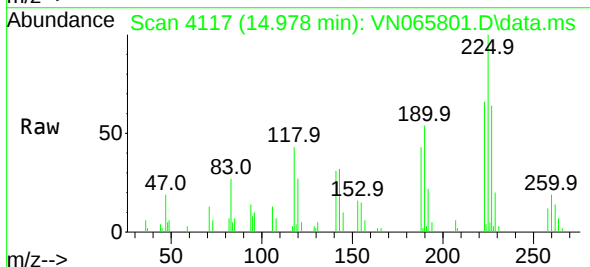
Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

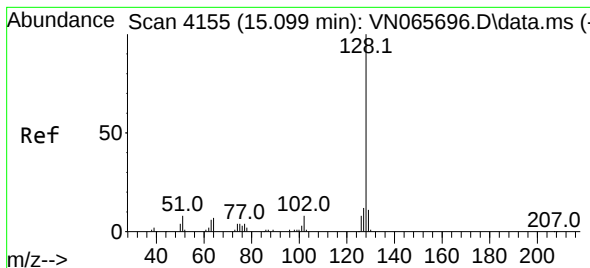
Tgt Ion:180 Resp: 23317  
Ion Ratio Lower Upper  
180 100  
182 95.5 78.5 117.7  
145 30.1 23.8 35.6



#90  
Hexachlorobutadiene  
Concen: 19.60 ug/l  
RT: 14.978 min Scan# 4117  
Delta R.T. 0.000 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion:225 Resp: 13259  
Ion Ratio Lower Upper  
225 100  
223 63.6 0.0 122.0  
227 62.2 0.0 126.4

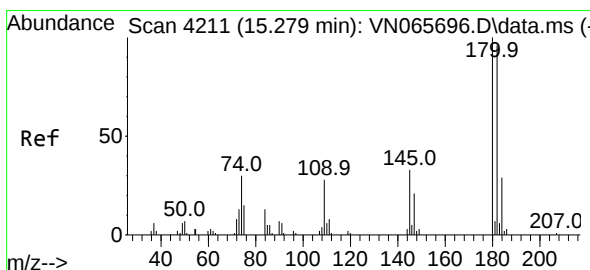
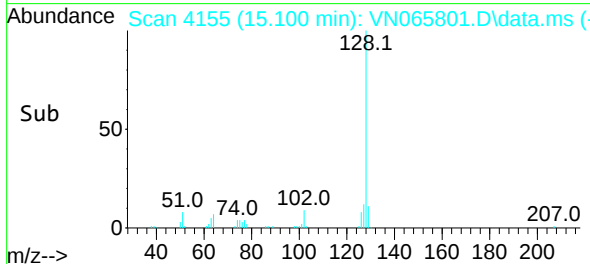
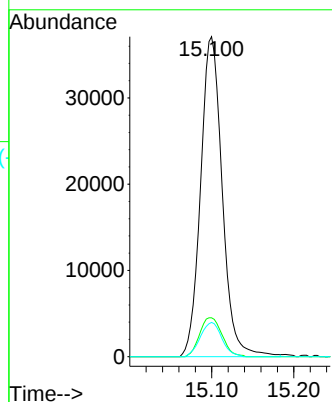
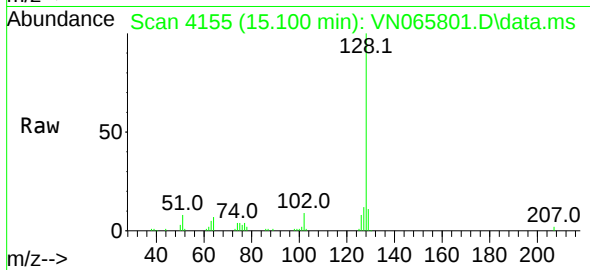




#91  
Naphthalene  
Concen: 14.22 ug/l  
RT: 15.100 min Scan# 4155  
Delta R.T. 0.000 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Instrument :  
MSVOA\_D  
ClientSampleId :  
VN0210WBS02

Tgt Ion:128 Resp: 67931  
Ion Ratio Lower Upper  
128 100  
127 12.6 10.1 15.1  
129 10.7 8.6 12.8



#92  
1,2,3-Trichlorobenzene  
Concen: 16.42 ug/l  
RT: 15.280 min Scan# 4211  
Delta R.T. 0.000 min  
Lab File: VN065801.D  
Acq: 10 Feb 2021 17:27

Tgt Ion:180 Resp: 24572  
Ion Ratio Lower Upper  
180 100  
182 94.6 0.0 190.4  
145 32.0 0.0 57.8

