

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN020321\  
 Data File : VN065701.D  
 Acq On : 3 Feb 2021 15:16  
 Operator : JC/MD  
 Sample : VSTDICV020  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN020321

Quant Time: Feb 04 04:18:03 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        | 7.151  | 128   | 31174    | 30.00    | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 8.550  | 114   | 179065   | 30.00    | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 11.376 | 117   | 156639   | 30.00    | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 7.987  | 65    | 66185    | 30.61    | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | =      | 102.03%  |
| 60) 4-Bromofluorobenzene     | 12.370 | 95    | 76672    | 30.09    | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | =      | 100.30%  |
| 63) Toluene-d8               | 10.058 | 98    | 226553   | 30.08    | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | =      | 100.27%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.837  | 85    | 37160    | 19.95    | ug/l   | 93       |
| 3) Chloromethane             | 2.036  | 50    | 53940    | 19.75    | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.168  | 62    | 54037    | 20.00    | ug/l   | 97       |
| 5) Bromomethane              | 2.537  | 94    | 34096    | 21.15    | ug/l   | 99       |
| 6) Chloroethane              | 2.679  | 64    | 30704    | 19.69    | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 2.994  | 101   | 55512    | 19.82    | ug/l   | 96       |
| 8) Diethyl Ether             | 3.380  | 74    | 25950    | 20.21    | ug/l   | 91       |
| 9) 1,1,2-Trichlorotrifluo... | 3.717  | 101   | 34364    | 20.08    | ug/l   | 91       |
| 10) 1,1-Dichloroethene       | 3.698  | 96    | 36441    | 19.99    | ug/l   | 96       |
| 11) Methyl Iodide            | 3.910  | 142   | 48367    | 18.83    | ug/l   | 98       |
| 12) Methyl Acetate           | 4.287  | 43    | 42499    | 19.25    | ug/l   | 93       |
| 13) Acrolein                 | 3.570  | 56    | 32606    | 109.98   | ug/l   | 99       |
| 14) Acrylonitrile            | 4.939  | 53    | 96373    | 98.21    | ug/l   | 97       |
| 15) Acetone                  | 3.782  | 58    | 30725    | 102.34   | ug/l   | 87       |
| 16) Carbon Disulfide         | 4.007  | 76    | 113364   | 19.83    | ug/l   | 99       |
| 17) Allyl chloride           | 4.274  | 41    | 70002    | 20.24    | ug/l   | 91       |
| 18) Methylene Chloride       | 4.502  | 84    | 42099    | 19.59    | ug/l   | 97       |
| 19) trans-1,2-Dichloroethene | 4.988  | 96    | 40092    | 20.11    | ug/l   | 90       |
| 20) Diisopropyl ether        | 5.907  | 45    | 140859   | 20.18    | ug/l   | 97       |
| 21) 1,1-Dichloroethane       | 5.798  | 63    | 76211    | 19.79    | ug/l   | 99       |
| 22) cis-1,2-Dichloroethene   | 6.782  | 96    | 45237    | 19.75    | ug/l   | 93       |
| 23) tert-Butyl Alcohol       | 4.759  | 59    | 34991    | 99.67    | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 4.997  | 73    | 122293   | 20.07    | ug/l   | 99       |
| 25) Chloroform               | 7.328  | 83    | 69346    | 19.85    | ug/l   | 97       |
| 26) Cyclohexane              | 7.611  | 56    | 71430    | 19.82    | ug/l # | 90       |
| 29) 1,1-Dichloropropene      | 7.749  | 75    | 55272    | 19.12    | ug/l   | 96       |
| 30) 2-Butanone               | 6.795  | 43    | 127252   | 98.31    | ug/l   | 97       |
| 31) 2,2-Dichloropropane      | 6.775  | 77    | 59249    | 19.58    | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 7.528  | 97    | 55283    | 19.28    | ug/l   | 99       |
| 33) Carbon Tetrachloride     | 7.733  | 117   | 44716    | 18.87    | ug/l   | 99       |
| 34) Benzene                  | 8.000  | 78    | 176002   | 19.71    | ug/l   | 98       |
| 35) Methacrylonitrile        | 7.129  | 41    | 23853    | 17.54    | ug/l   | 91       |
| 36) 1,2-Dichloroethane       | 8.087  | 62    | 53656    | 20.00    | ug/l   | 100      |
| 37) Trichloroethene          | 8.801  | 130   | 42086    | 19.51    | ug/l   | 87       |
| 38) Methylcyclohexane        | 9.045  | 83    | 65740    | 19.18    | ug/l   | 95       |
| 39) 1,2-Dichloropropane      | 9.081  | 63    | 48151    | 19.84    | ug/l   | 97       |
| 40) Dibromomethane           | 9.174  | 93    | 27048    | 19.67    | ug/l   | 82       |
| 41) Bromodichloromethane     | 9.370  | 83    | 53512    | 19.21    | ug/l # | 99       |
| 42) Vinyl Acetate            | 5.846  | 43    | 557639   | 98.35    | ug/l   | 97       |

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 Operator : JC/MD  
 Sample : VSTDICV020  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

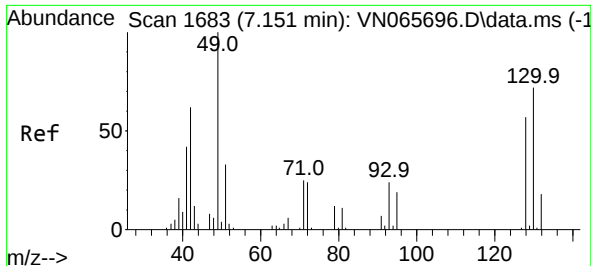
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN020321

Quant Time: Feb 04 04:18:03 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   | 51198    | 19.31  | ug/l   | 96       |
| 44) Isopropyl Acetate         | 8.129  | 43   | 89391    | 19.50  | ug/l   | 97       |
| 45) 1,4-Dioxane               | 9.171  | 88   | 15260    | 401.33 | ug/l   | 87       |
| 46) Methyl methacrylate       | 9.167  | 41   | 42364    | 19.28  | ug/l   | 95       |
| 47) n-amyl Acetate            | 12.042 | 43   | 73594    | 19.19  | ug/l   | 95       |
| 48) t-1,3-Dichloropropene     | 10.351 | 75   | 63831    | 19.39  | ug/l   | 97       |
| 49) cis-1,3-Dichloropropene   | 9.807  | 75   | 72668    | 19.49  | ug/l   | 99       |
| 50) 1,1,2-Trichloroethane     | 10.531 | 97   | 40091    | 19.92  | ug/l   | 95       |
| 51) Ethyl methacrylate        | 10.399 | 69   | 63008    | 19.44  | ug/l   | 98       |
| 52) 1,3-Dichloropropane       | 10.675 | 76   | 71014    | 19.70  | ug/l   | 99       |
| 53) Dibromochloromethane      | 10.872 | 129  | 38304    | 18.78  | ug/l   | 99       |
| 54) 1,2-Dibromoethane         | 10.974 | 107  | 39294    | 19.48  | ug/l   | 100      |
| 55) 2-Chloroethyl vinyl ether | 9.663  | 63   | 146731   | 101.88 | ug/l   | 97       |
| 56) Bromoform                 | 12.097 | 173  | 24774    | 19.23  | ug/l # | 96       |
| 58) 4-Methyl-2-Pentanone      | 9.952  | 43   | 262621   | 100.94 | ug/l   | 98       |
| 59) 2-Hexanone                | 10.720 | 43   | 183652   | 98.61  | ug/l   | 99       |
| 61) Tetrachloroethene         | 10.598 | 164  | 41251    | 20.00  | ug/l   | 92       |
| 62) Toluene                   | 10.122 | 91   | 182027   | 19.87  | ug/l   | 100      |
| 64) Chlorobenzene             | 11.402 | 112  | 106013   | 19.62  | ug/l   | 99       |
| 65) 1,1,1,2-Tetrachloroethane | 11.479 | 131  | 36223    | 19.28  | ug/l   | 96       |
| 66) Ethyl Benzene             | 11.482 | 91   | 194597   | 19.85  | ug/l   | 98       |
| 67) m/p-Xylenes               | 11.592 | 106  | 143916   | 39.42  | ug/l   | 97       |
| 68) o-Xylene                  | 11.916 | 106  | 70212    | 19.75  | ug/l   | 96       |
| 69) Styrene                   | 11.933 | 104  | 113444   | 19.74  | ug/l   | 98       |
| 70) Isopropylbenzene          | 12.219 | 105  | 182305   | 19.96  | ug/l   | 97       |
| 71) 1,1,2,2-Tetrachloroethane | 12.476 | 83   | 53184    | 19.85  | ug/l   | 99       |
| 72) 1,2,3-Trichloropropane    | 12.524 | 75   | 70889    | 27.02  | ug/l   | 66       |
| 73) Bromobenzene              | 12.495 | 156  | 39184    | 19.05  | ug/l   | 67       |
| 74) n-propylbenzene           | 12.563 | 91   | 210030   | 19.90  | ug/l   | 96       |
| 75) 2-Chlorotoluene           | 12.643 | 91   | 125207   | 19.58  | ug/l   | 93       |
| 76) 1,3,5-Trimethylbenzene    | 12.704 | 105  | 154452   | 20.20  | ug/l   | 96       |
| 77) t-1,4-Dichloro-2-butene   | 12.270 | 75   | 18653    | 18.21  | ug/l   | 94       |
| 78) 4-Chlorotoluene           | 12.743 | 91   | 126525   | 19.89  | ug/l   | 93       |
| 79) tert-butylbenzene         | 12.965 | 119  | 123970   | 19.63  | ug/l   | 96       |
| 80) 1,2,4-Trimethylbenzene    | 13.010 | 105  | 149040   | 19.47  | ug/l   | 100      |
| 81) sec-Butylbenzene          | 13.142 | 105  | 165600   | 19.64  | ug/l   | 96       |
| 82) p-Isopropyltoluene        | 13.261 | 119  | 151171   | 20.13  | ug/l   | 98       |
| 83) 1,3-Dichlorobenzene       | 13.254 | 146  | 70446    | 19.57  | ug/l   | 96       |
| 84) 1,4-Dichlorobenzene       | 13.334 | 146  | 68048    | 19.28  | ug/l   | 97       |
| 85) n-Butylbenzene            | 13.585 | 91   | 126296   | 19.28  | ug/l   | 97       |
| 86) Hexachloroethane          | 13.846 | 117  | 24286    | 18.63  | ug/l   | 73       |
| 87) 1,2-Dichlorobenzene       | 13.624 | 146  | 70821    | 19.69  | ug/l   | 95       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.241 | 75   | 10047    | 19.46  | ug/l # | 75       |
| 89) 1,2,4-Trichlorobenzene    | 14.878 | 180  | 34284    | 18.28  | ug/l   | 97       |
| 90) Hexachlorobutadiene       | 14.977 | 225  | 17341    | 20.39  | ug/l   | 97       |
| 91) Naphthalene               | 15.100 | 128  | 102690   | 17.10  | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene    | 15.280 | 180  | 34879    | 18.54  | ug/l   | 96       |

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

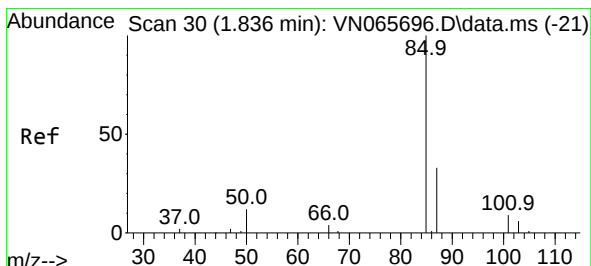
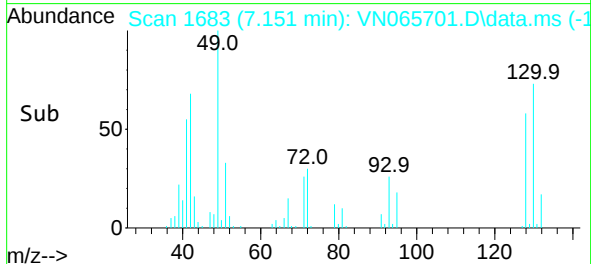
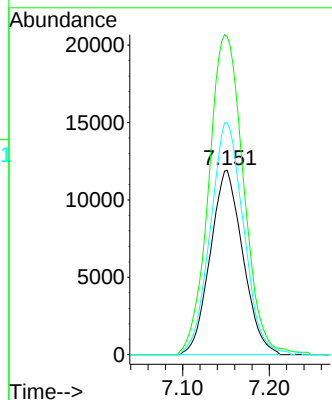
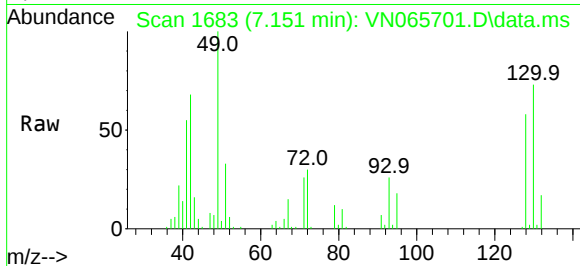




#1  
Bromochloromethane  
Concen: 30.00 ug/l  
RT: 7.151 min Scan# 1683  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

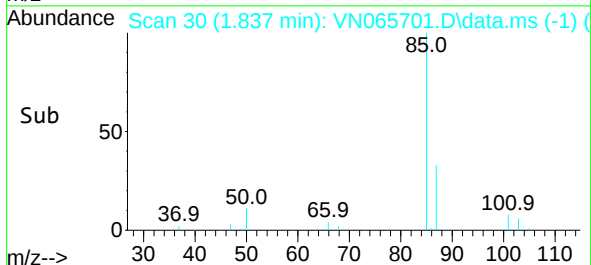
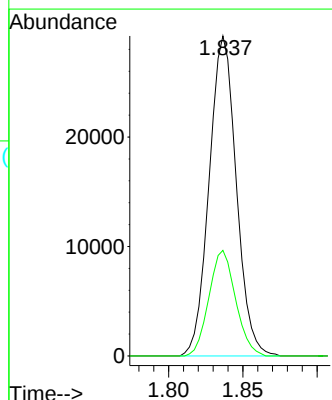
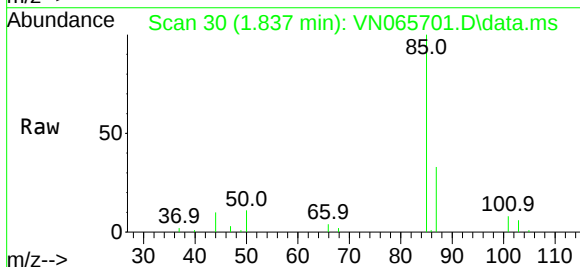
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN020321

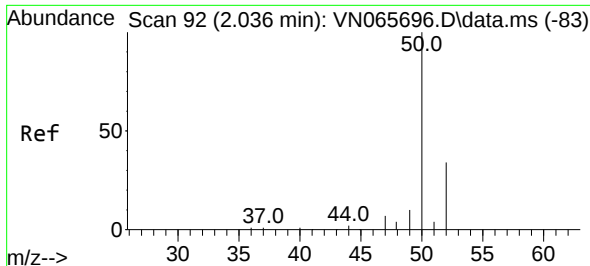
Tgt Ion:128 Resp: 31174  
Ion Ratio Lower Upper  
128 100  
49 185.0 0.0 355.0  
130 128.6 0.0 325.5



#2  
Dichlorodifluoromethane  
Concen: 19.95 ug/l  
RT: 1.837 min Scan# 30  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion: 85 Resp: 37160  
Ion Ratio Lower Upper  
85 100  
87 33.0 14.6 43.8

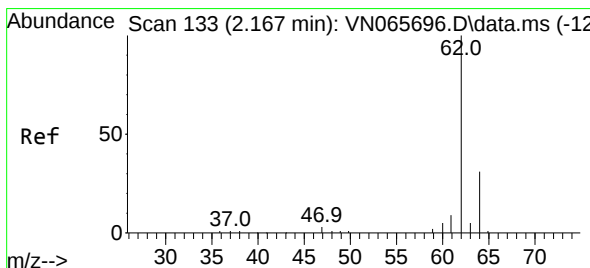
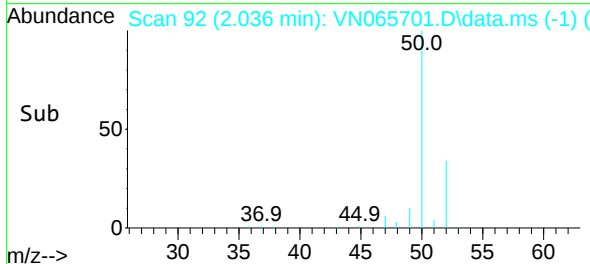
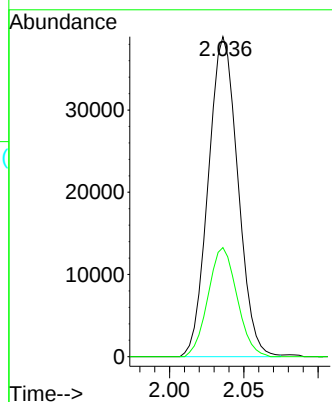
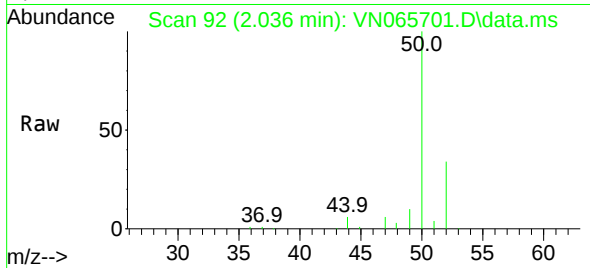




#3  
Chloromethane  
Concen: 19.75 ug/l  
RT: 2.036 min Scan# 92  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

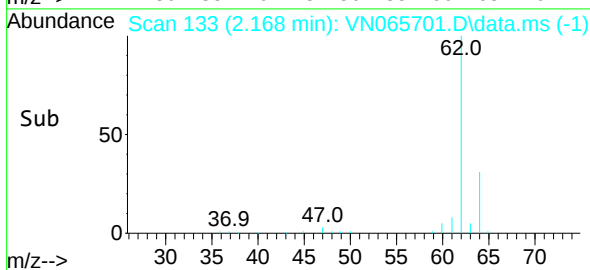
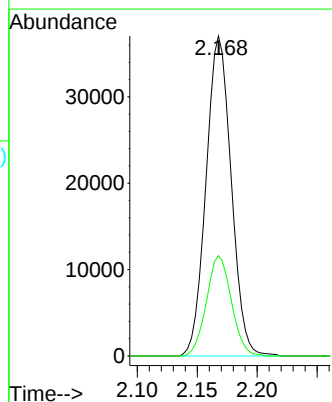
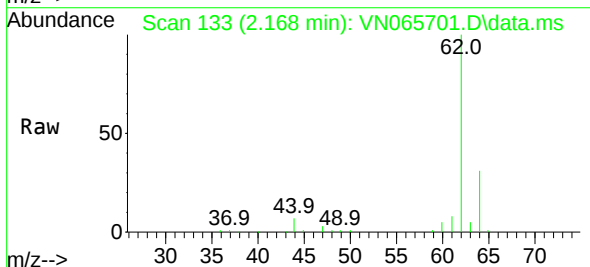
Instrument :  
MSVOA\_N  
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ICVVN020321

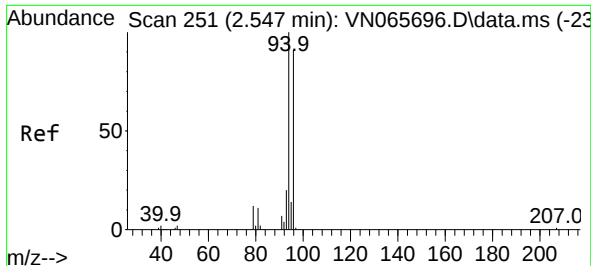
Tgt Ion: 50 Resp: 53940  
Ion Ratio Lower Upper  
50 100  
52 34.1 26.8 40.2



#4  
Vinyl Chloride  
Concen: 20.00 ug/l  
RT: 2.168 min Scan# 133  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

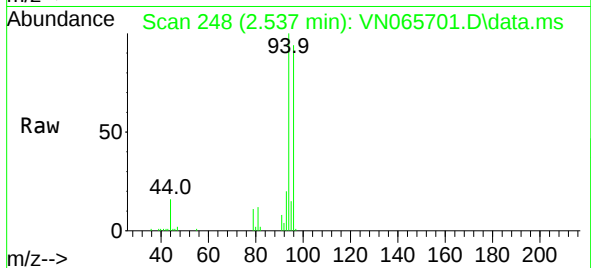
Tgt Ion: 62 Resp: 54037  
Ion Ratio Lower Upper  
62 100  
64 31.3 26.2 39.4



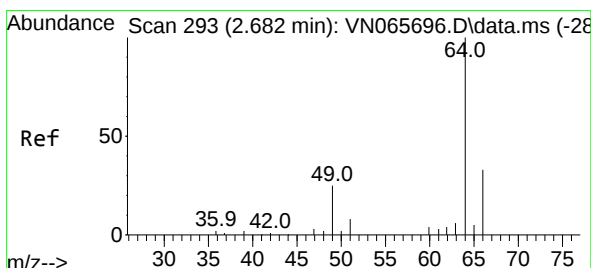
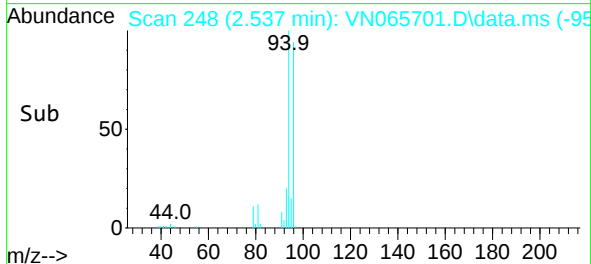
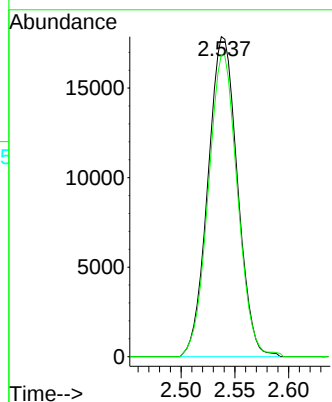


#5  
Bromomethane  
Concen: 21.15 ug/l  
RT: 2.537 min Scan# 248  
Delta R.T. -0.009 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Instrument :  
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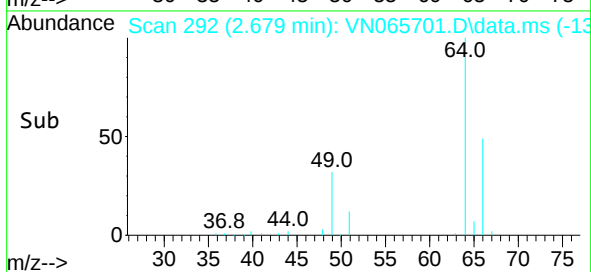
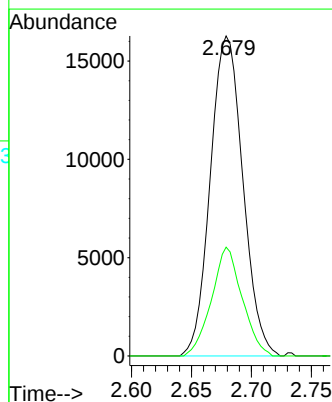
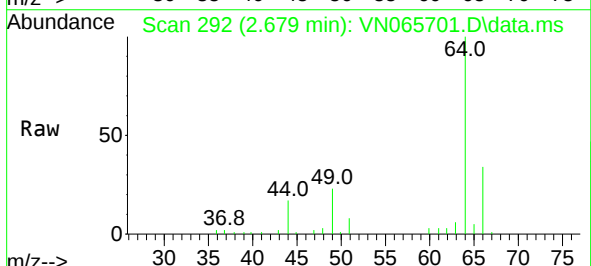


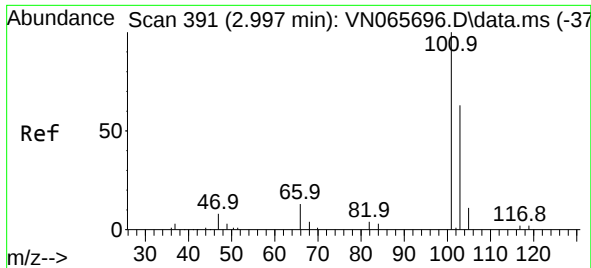
Tgt Ion: 94 Resp: 34096  
Ion Ratio Lower Upper  
94 100  
96 94.4 74.6 111.8



#6  
Chloroethane  
Concen: 19.69 ug/l  
RT: 2.679 min Scan# 292  
Delta R.T. -0.003 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion: 64 Resp: 30704  
Ion Ratio Lower Upper  
64 100  
66 34.0 26.3 39.5

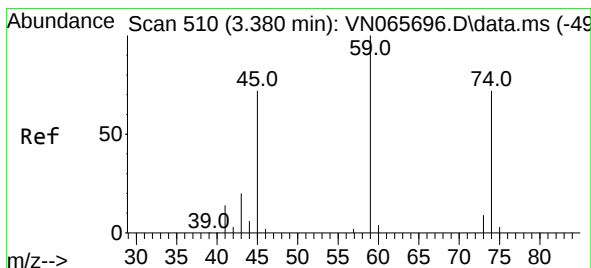
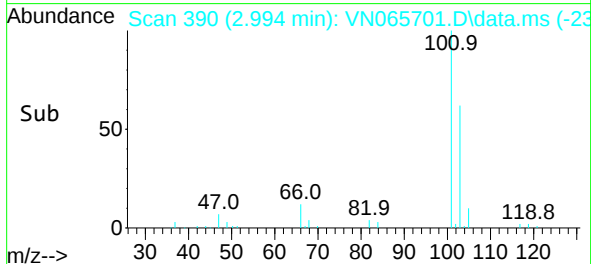
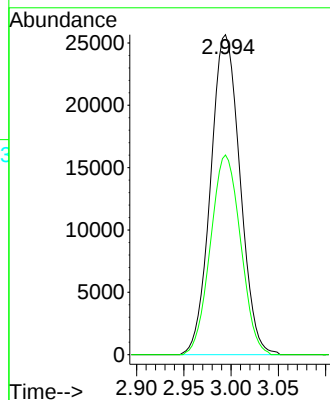
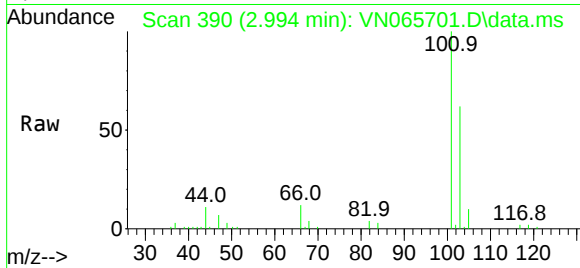




#7  
Trichlorofluoromethane  
Concen: 19.82 ug/l  
RT: 2.994 min Scan# 390  
Delta R.T. -0.003 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

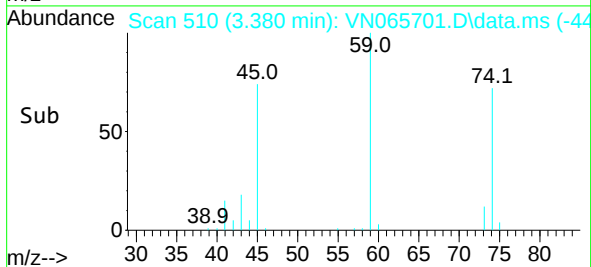
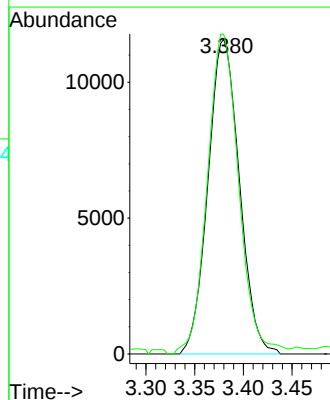
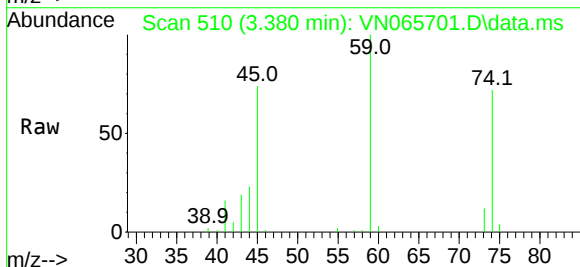
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN020321

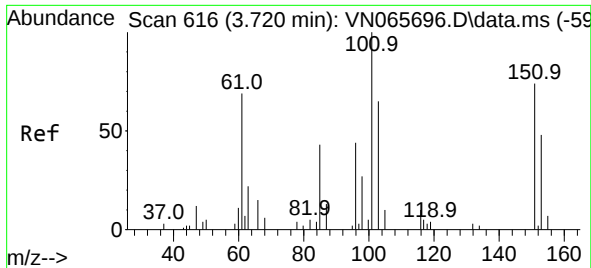
Tgt Ion:101 Resp: 55512  
Ion Ratio Lower Upper  
101 100  
103 62.4 52.6 78.8



#8  
Diethyl Ether  
Concen: 20.21 ug/l  
RT: 3.380 min Scan# 510  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion: 74 Resp: 25950  
Ion Ratio Lower Upper  
74 100  
45 101.7 18.5 166.9

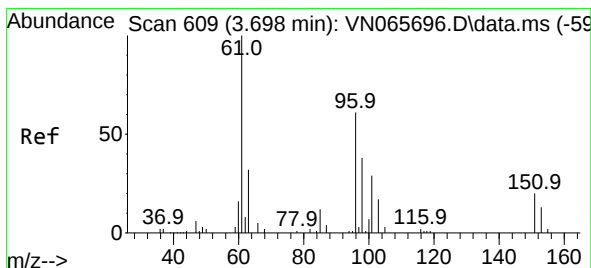
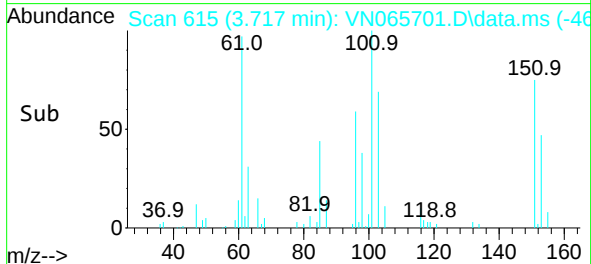
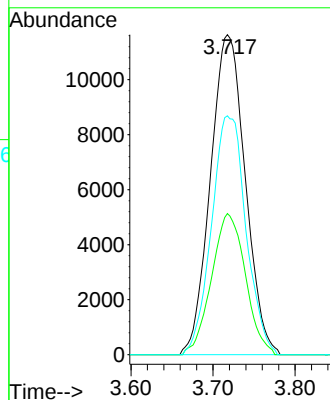
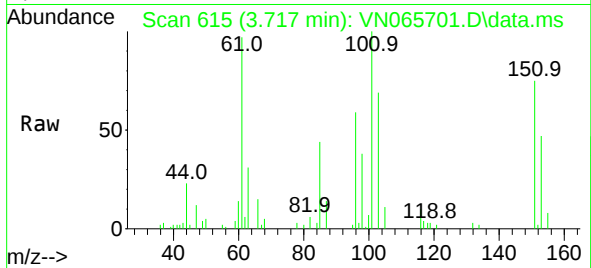




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.08 ug/l  
RT: 3.717 min Scan# 615  
Delta R.T. -0.003 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

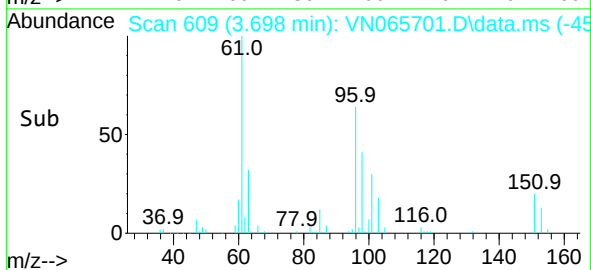
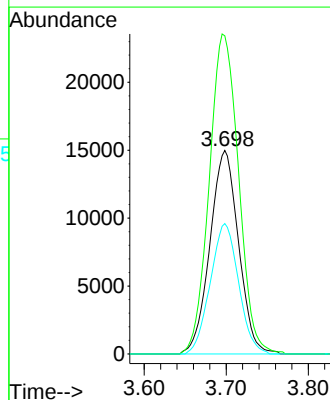
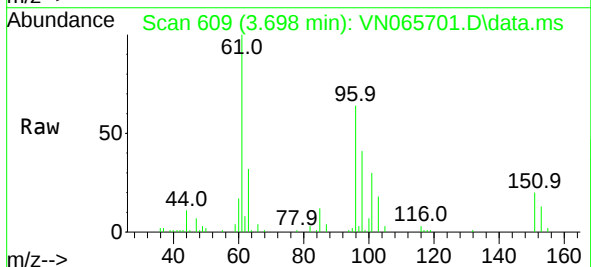
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN020321

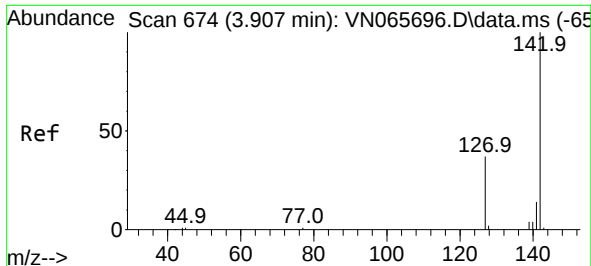
Tgt Ion:101 Resp: 34364  
Ion Ratio Lower Upper  
101 100  
85 42.9 0.0 80.6  
151 73.9 0.0 169.2



#10  
1,1-Dichloroethene  
Concen: 19.99 ug/l  
RT: 3.698 min Scan# 609  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

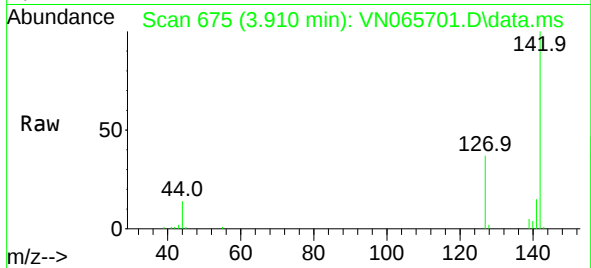
Tgt Ion: 96 Resp: 36441  
Ion Ratio Lower Upper  
96 100  
61 156.3 119.9 179.9  
98 64.1 51.2 76.8



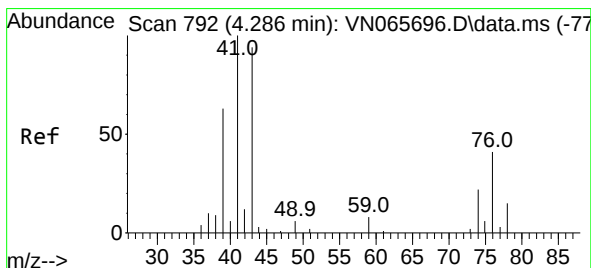
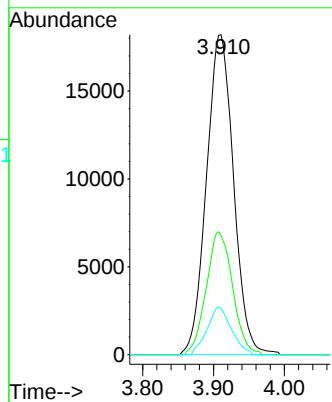
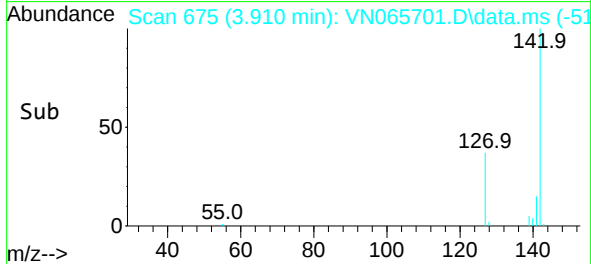


#11  
Methyl Iodide  
Concen: 18.83 ug/l  
RT: 3.910 min Scan# 675  
Delta R.T. 0.003 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

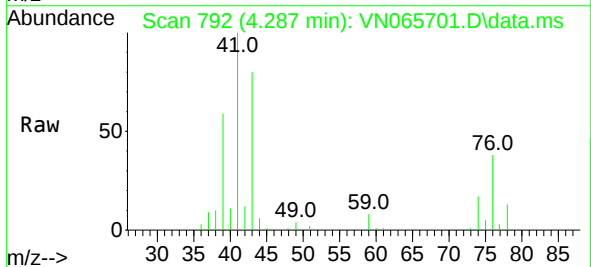
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN020321



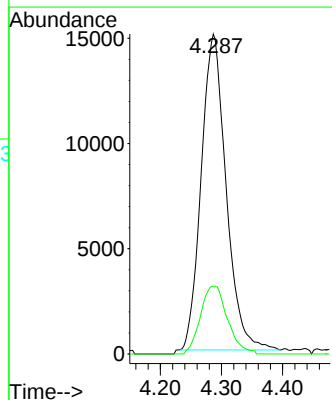
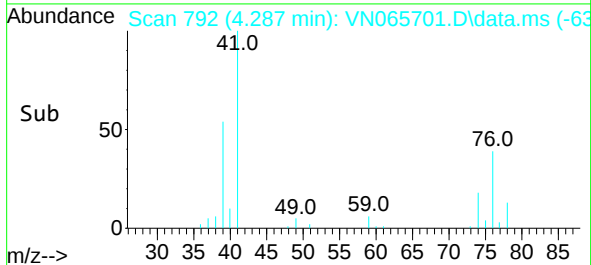
Tgt Ion:142 Resp: 48367  
Ion Ratio Lower Upper  
142 100  
127 37.3 19.1 57.5  
141 14.5 7.0 20.9

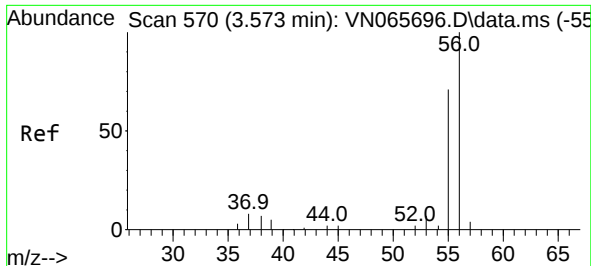


#12  
Methyl Acetate  
Concen: 19.25 ug/l  
RT: 4.287 min Scan# 792  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16



Tgt Ion: 43 Resp: 42499  
Ion Ratio Lower Upper  
43 100  
74 21.4 19.9 29.9

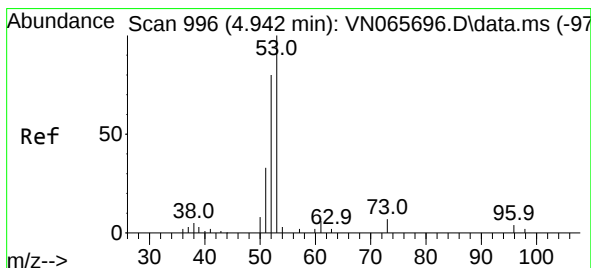
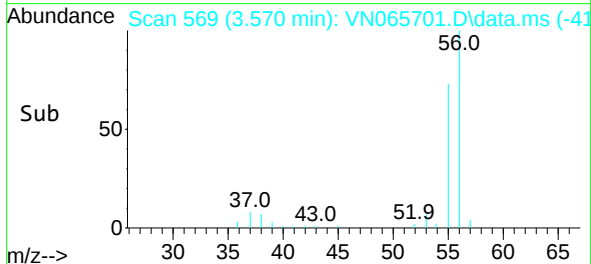
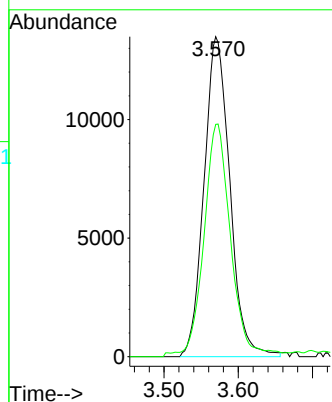
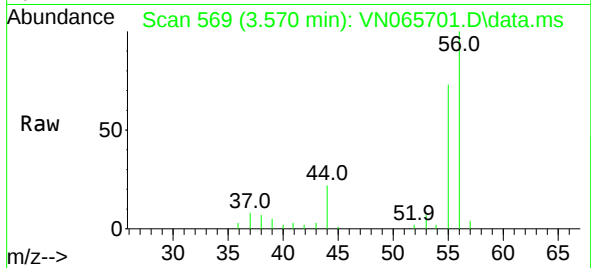




#13  
Acrolein  
Concen: 109.98 ug/l  
RT: 3.570 min Scan# 569  
Delta R.T. -0.003 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

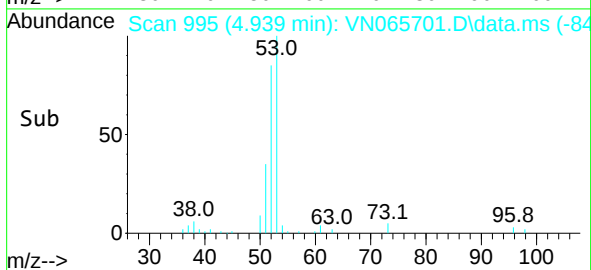
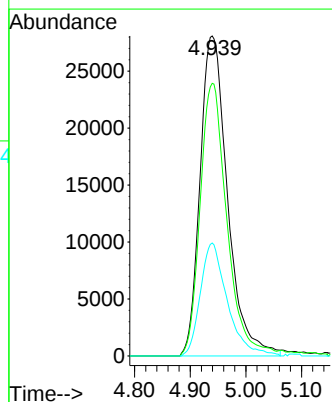
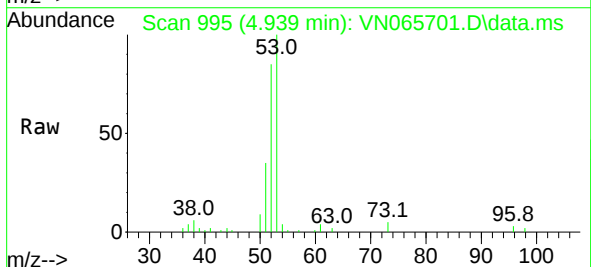
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN020321

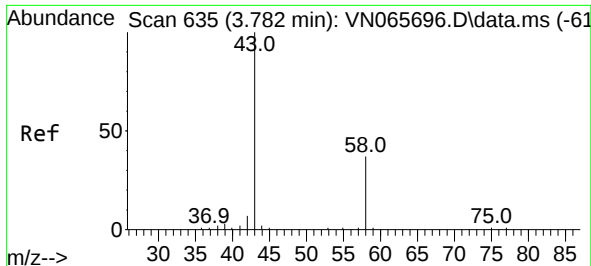
Tgt Ion: 56 Resp: 32606  
Ion Ratio Lower Upper  
56 100  
55 71.1 57.7 86.5



#14  
Acrylonitrile  
Concen: 98.21 ug/l  
RT: 4.939 min Scan# 995  
Delta R.T. -0.003 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion: 53 Resp: 96373  
Ion Ratio Lower Upper  
53 100  
52 82.8 40.7 122.1  
51 33.7 18.3 54.8

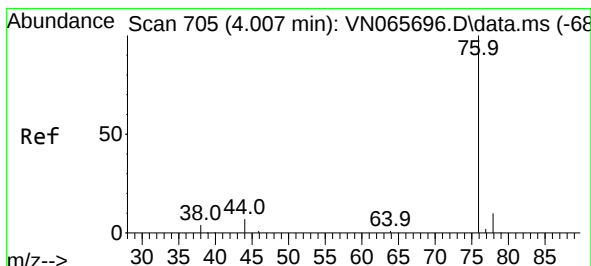
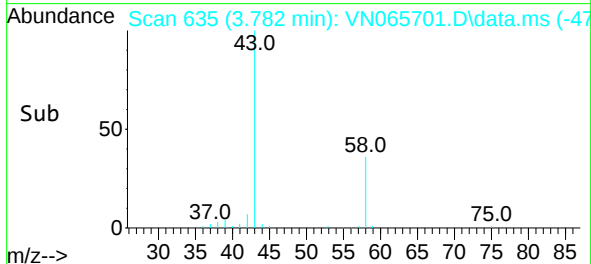
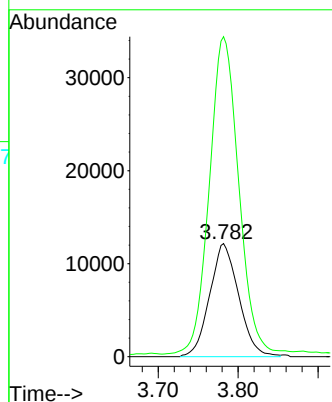
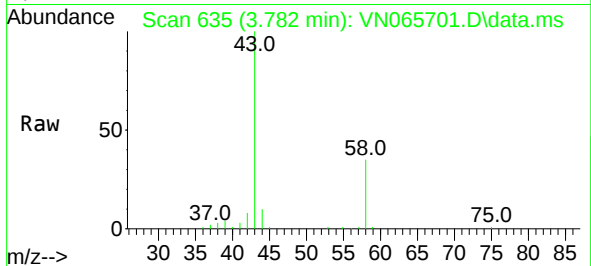




#15  
Acetone  
Concen: 102.34 ug/l  
RT: 3.782 min Scan# 635  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

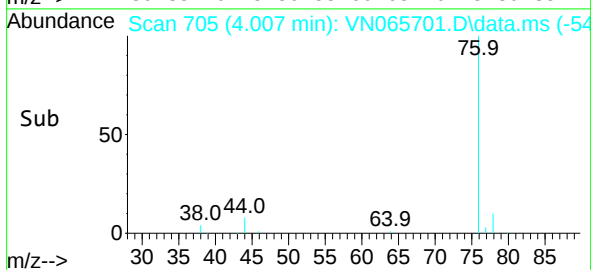
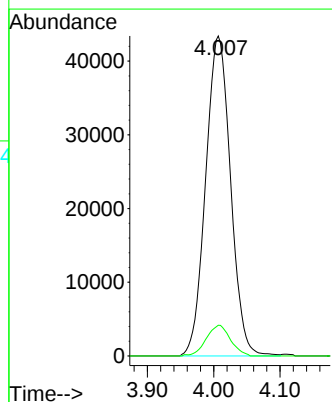
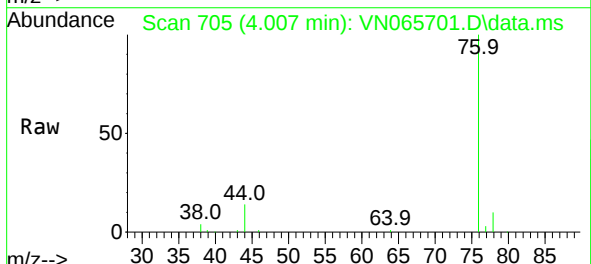
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN020321

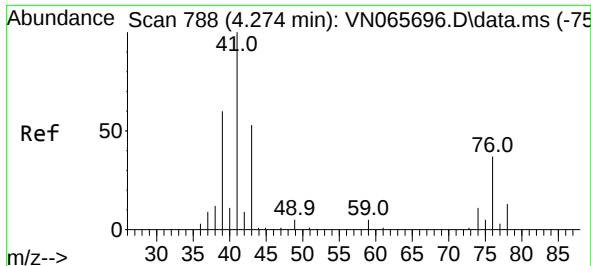
Tgt Ion: 58 Resp: 30725  
Ion Ratio Lower Upper  
58 100  
43 277.6 203.4 305.0



#16  
Carbon Disulfide  
Concen: 19.83 ug/l  
RT: 4.007 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion: 76 Resp: 113364  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.8 11.8





#17

Allyl chloride

Concen: 20.24 ug/l

RT: 4.274 min Scan# 788

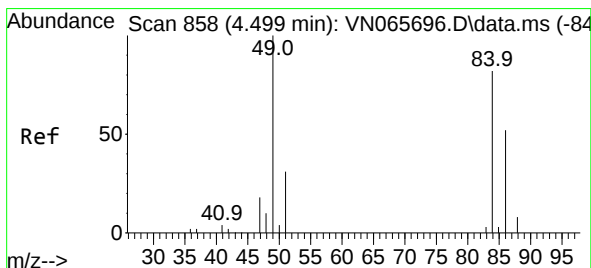
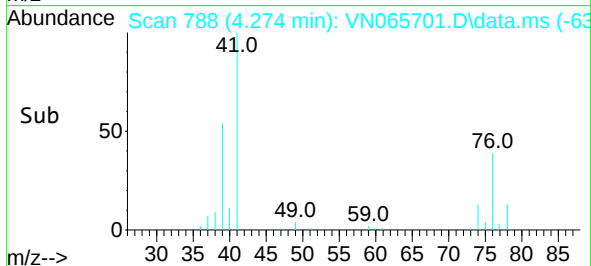
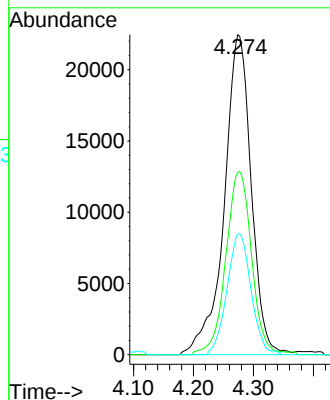
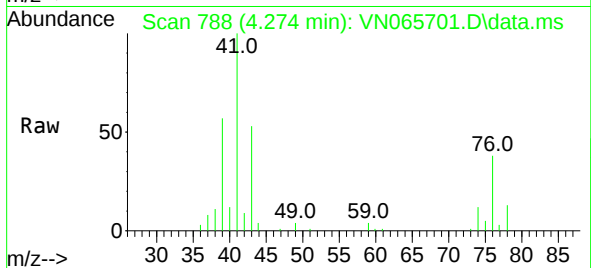
Delta R.T. 0.000 min

Lab File: VN065701.D

Acq: 3 Feb 2021 15:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 70002 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 57.0  | 33.5  | 100.5 |
| 76       | 37.8  | 20.3  | 60.8  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN020321



#18

Methylene Chloride

Concen: 19.59 ug/l

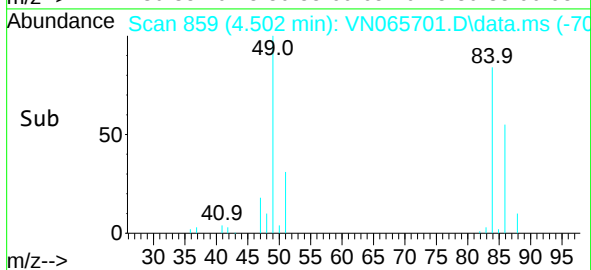
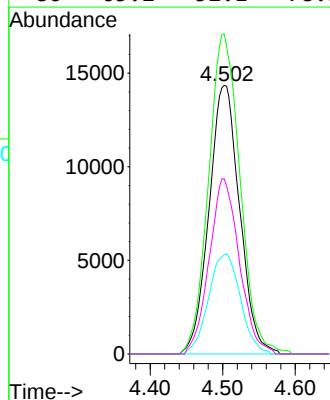
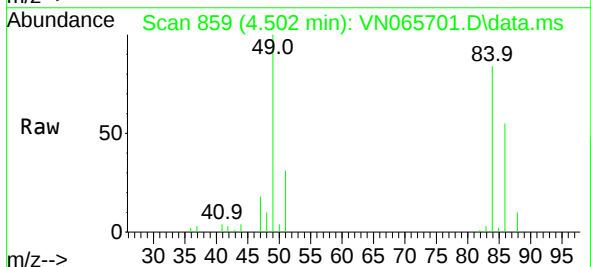
RT: 4.502 min Scan# 859

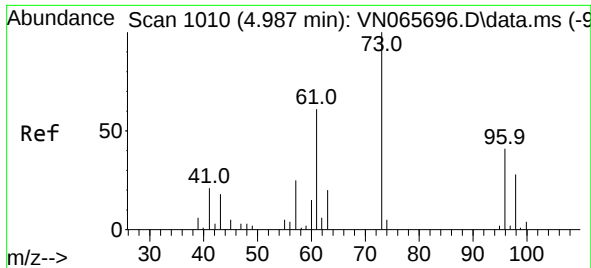
Delta R.T. 0.003 min

Lab File: VN065701.D

Acq: 3 Feb 2021 15:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 42099 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 119.1 | 91.3  | 136.9 |
| 51       | 37.0  | 28.8  | 43.2  |
| 86       | 65.2  | 52.1  | 78.1  |

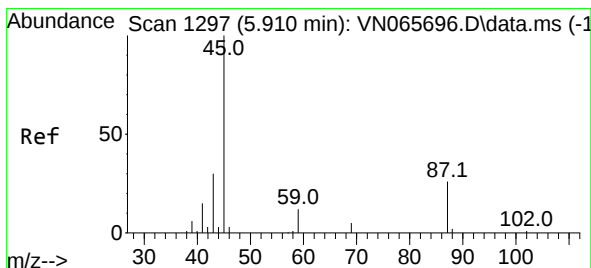
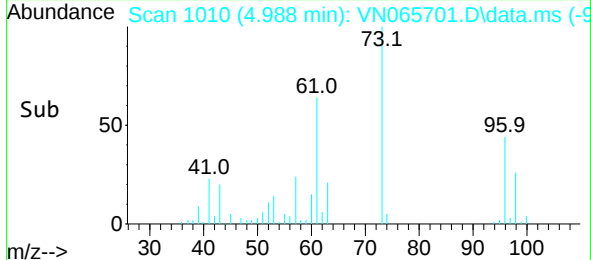
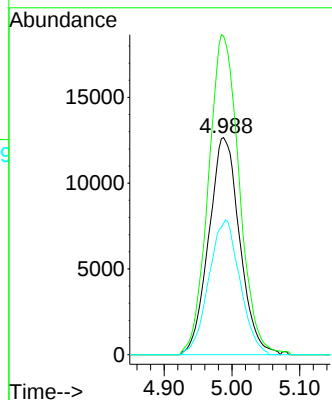
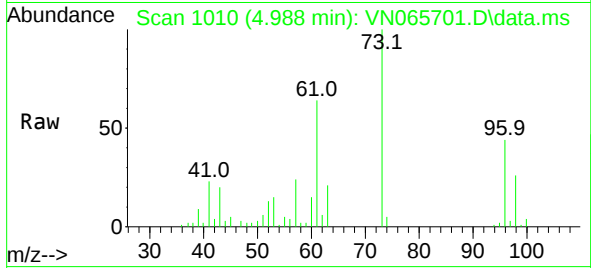




#19  
trans-1,2-Dichloroethene  
Concen: 20.11 ug/l  
RT: 4.988 min Scan# 1010  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

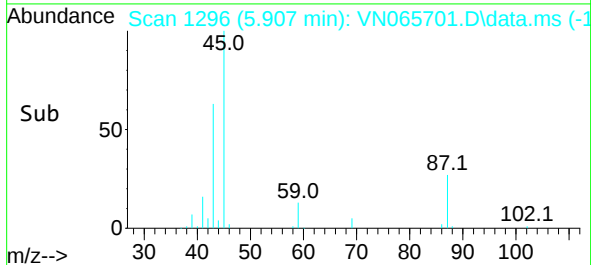
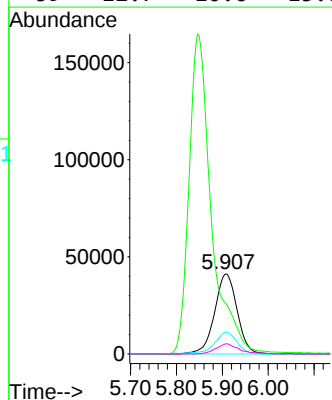
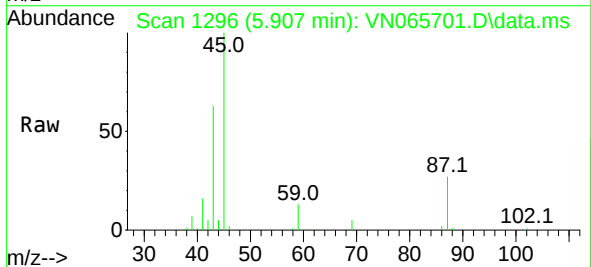
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN020321

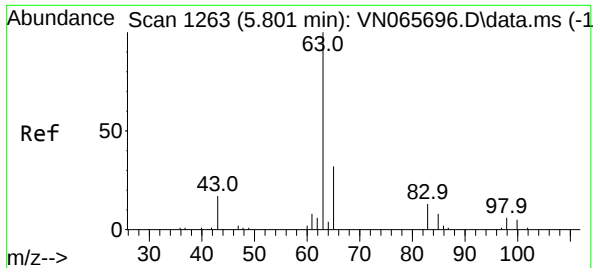
Tgt Ion: 96 Resp: 40092  
Ion Ratio Lower Upper  
96 100  
61 146.9 106.2 159.2  
98 60.4 52.4 78.6



#20  
Diisopropyl ether  
Concen: 20.18 ug/l  
RT: 5.907 min Scan# 1296  
Delta R.T. -0.003 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion: 45 Resp: 140859  
Ion Ratio Lower Upper  
45 100  
43 60.9 50.4 75.6  
87 27.4 24.5 36.7  
59 12.7 10.6 15.8



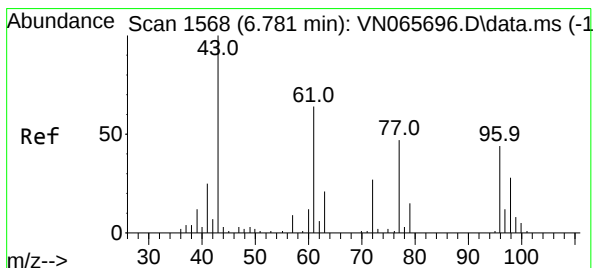
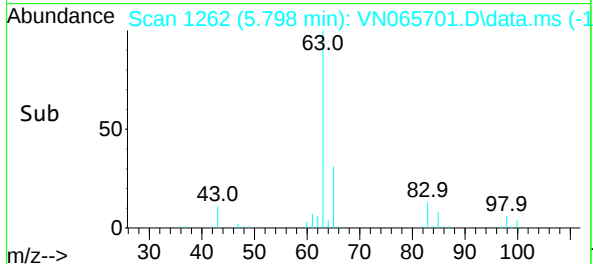
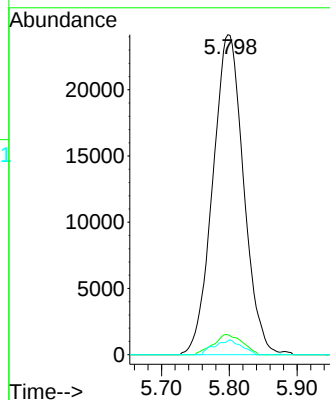
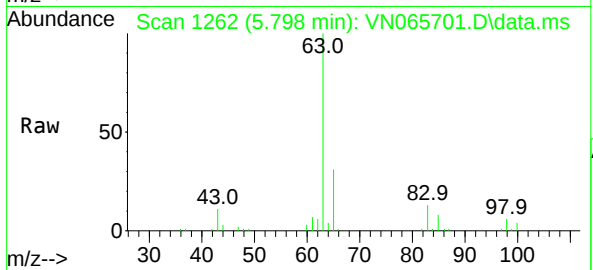


#21

1,1-Dichloroethane  
Concen: 19.79 ug/l  
RT: 5.798 min Scan# 1262  
Delta R.T. -0.003 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion: 63 Resp: 76211  
Ion Ratio Lower Upper  
63 100  
98 6.2 3.3 9.9  
100 4.3 2.3 6.8

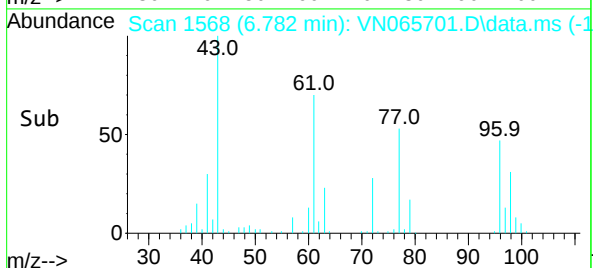
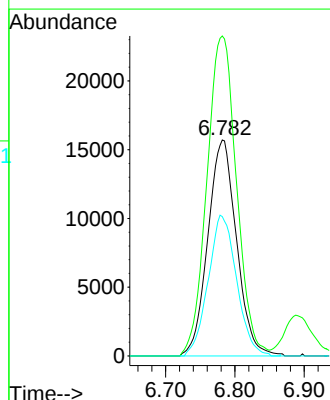
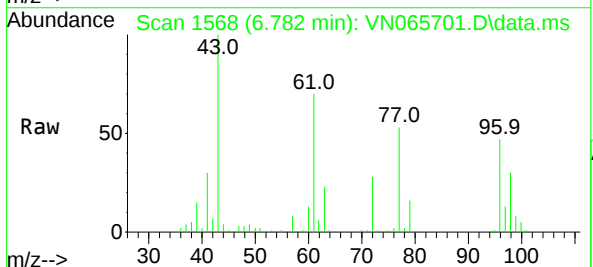
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN020321

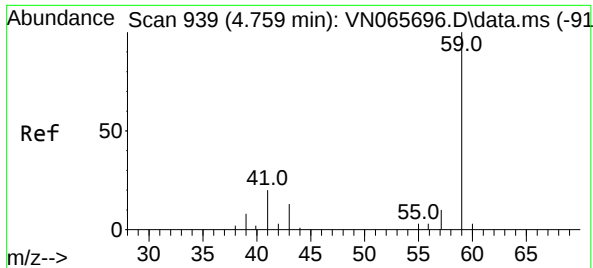


#22

cis-1,2-Dichloroethene  
Concen: 19.75 ug/l  
RT: 6.782 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion: 96 Resp: 45237  
Ion Ratio Lower Upper  
96 100  
61 152.8 112.5 168.7  
98 64.5 52.2 78.2

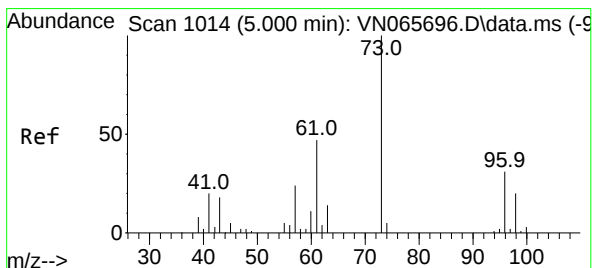
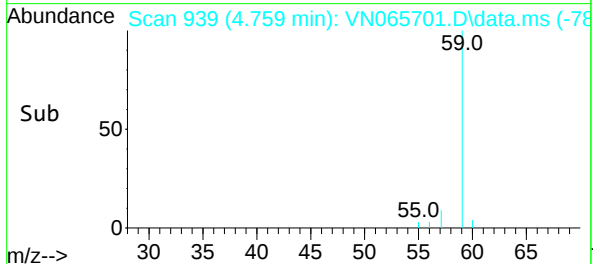
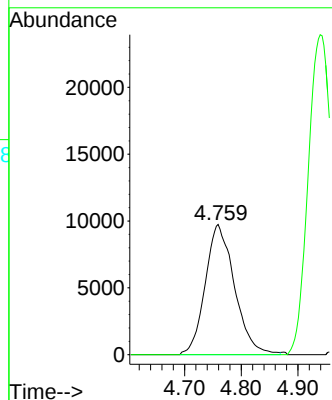
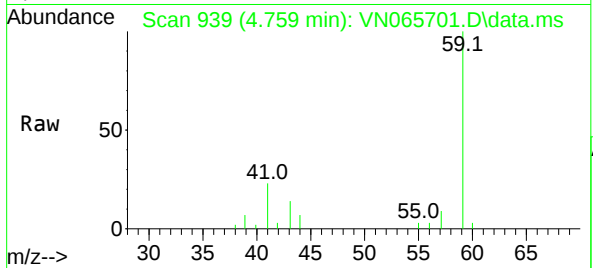




#23  
tert-Butyl Alcohol  
Concen: 99.67 ug/l  
RT: 4.759 min Scan# 939  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

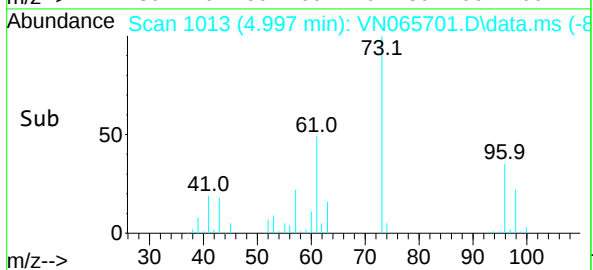
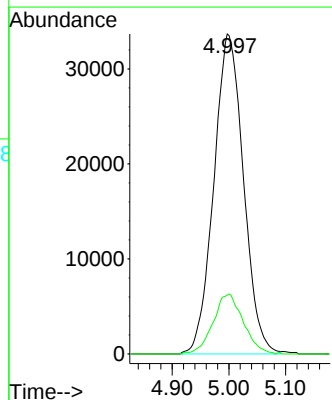
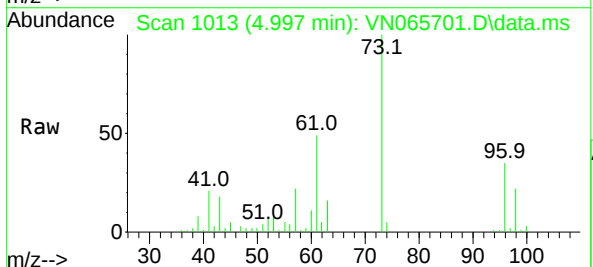
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN020321

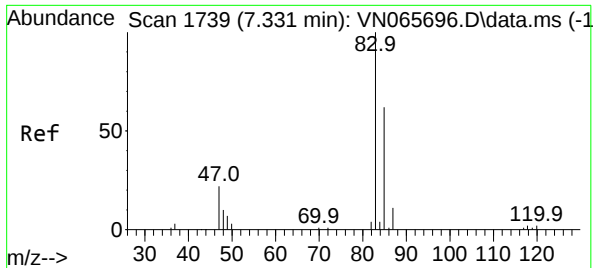
Tgt Ion: 59 Resp: 34991  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.0 0.0



#24  
Methyl tert-Butyl Ether  
Concen: 20.07 ug/l  
RT: 4.997 min Scan# 1013  
Delta R.T. -0.003 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion: 73 Resp: 122293  
Ion Ratio Lower Upper  
73 100  
43 18.9 15.4 23.2

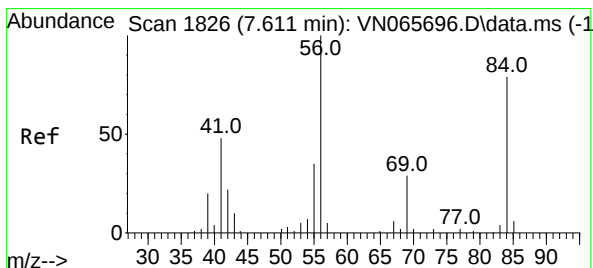
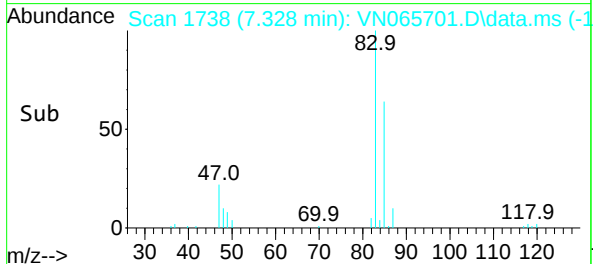
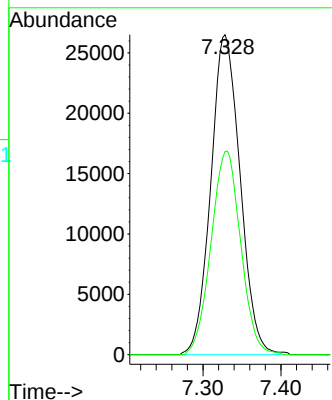
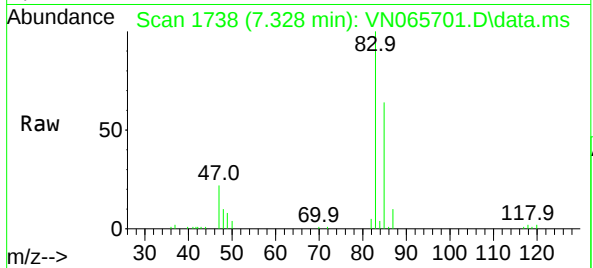




#25  
Chloroform  
Concen: 19.85 ug/l  
RT: 7.328 min Scan# 1738  
Delta R.T. -0.003 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

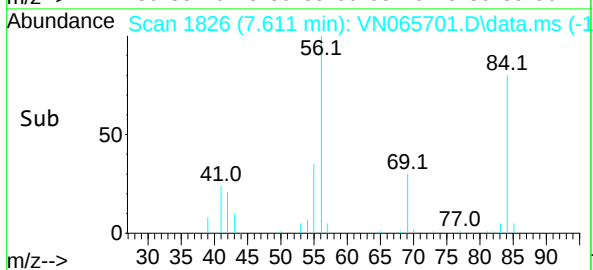
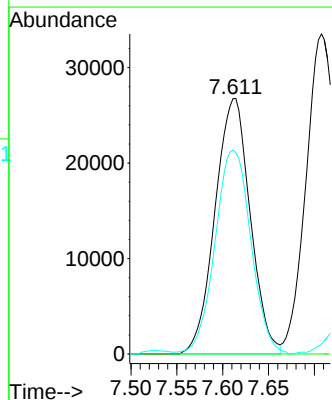
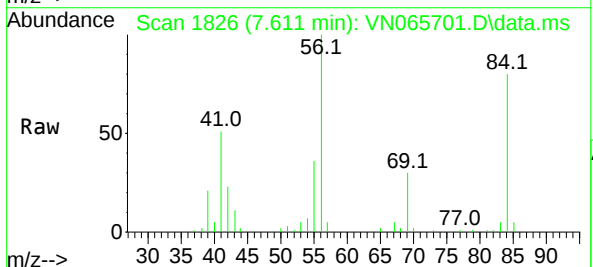
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN020321

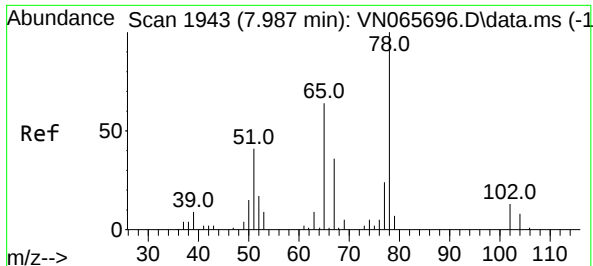
Tgt Ion: 83 Resp: 69346  
Ion Ratio Lower Upper  
83 100  
85 63.5 53.0 79.4



#26  
Cyclohexane  
Concen: 19.82 ug/l  
RT: 7.611 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion: 56 Resp: 71430  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 81.5 72.8 109.2





#27

1,2-Dichloroethane-d4

Concen: 30.61 ug/l

RT: 7.987 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN065701.D

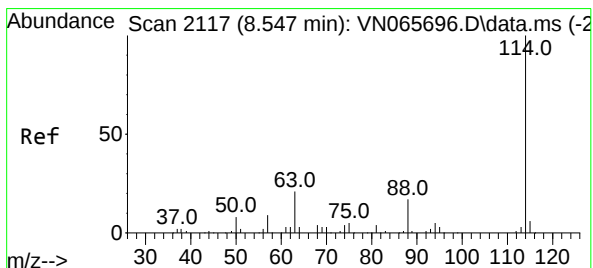
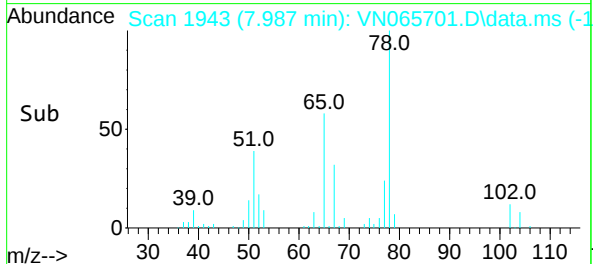
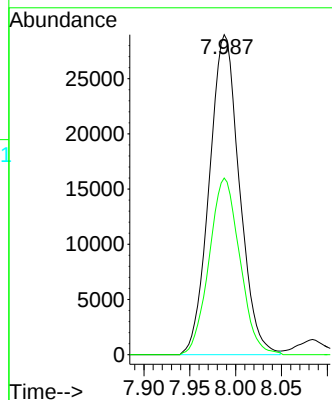
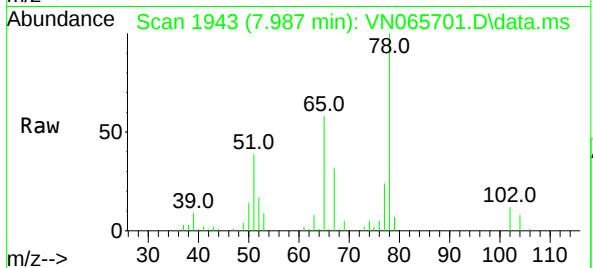
Acq: 3 Feb 2021 15:16

Tgt Ion: 65 Resp: 66185

Ion Ratio Lower Upper

65 100

67 56.2 42.8 64.2



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.550 min Scan# 2118

Delta R.T. 0.003 min

Lab File: VN065701.D

Acq: 3 Feb 2021 15:16

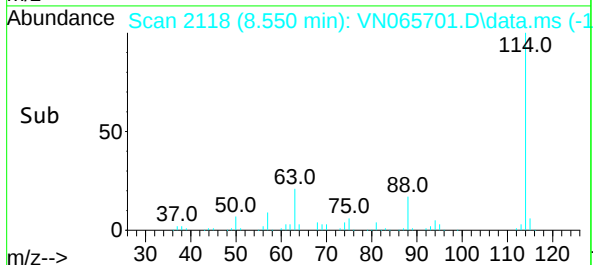
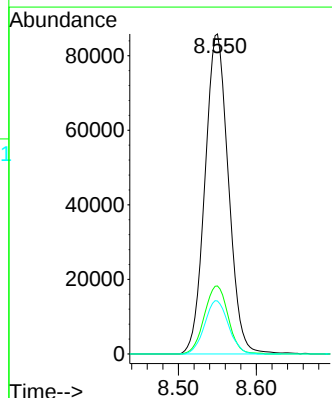
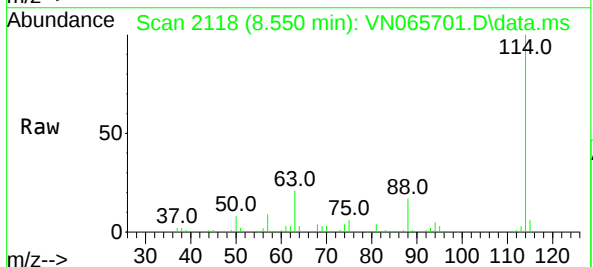
Tgt Ion: 114 Resp: 179065

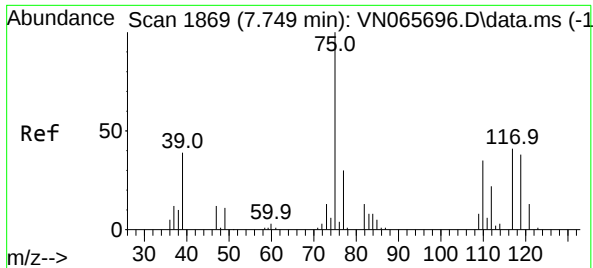
Ion Ratio Lower Upper

114 100

63 21.7 14.7 22.1

88 16.9 11.7 17.5

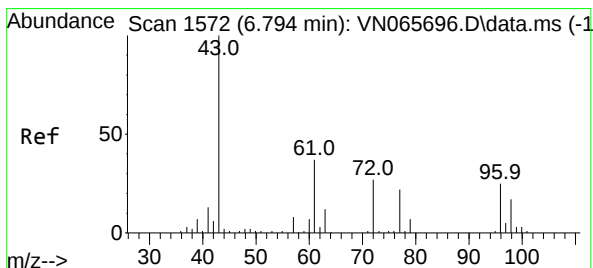
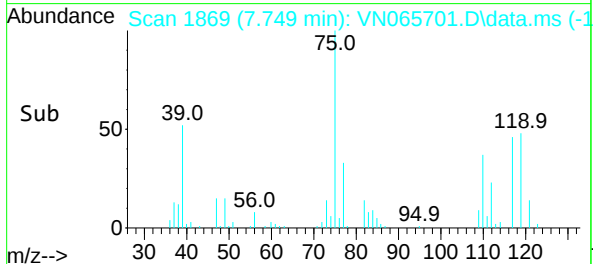
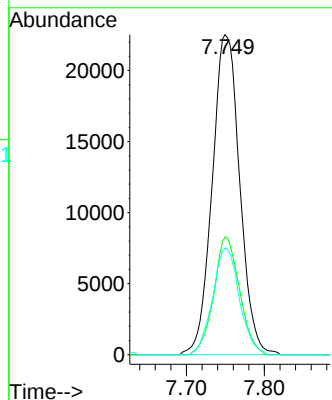
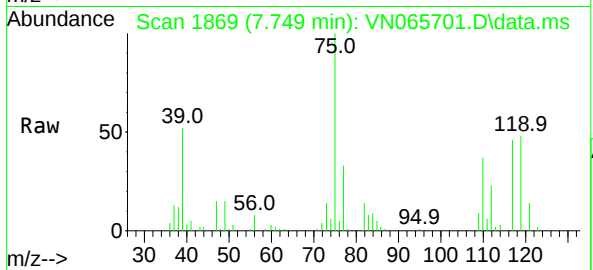




#29  
1,1-Dichloropropene  
Concen: 19.12 ug/l  
RT: 7.749 min Scan# 1869  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

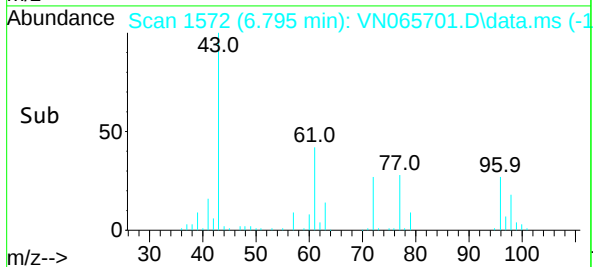
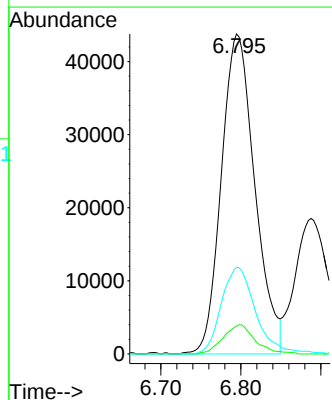
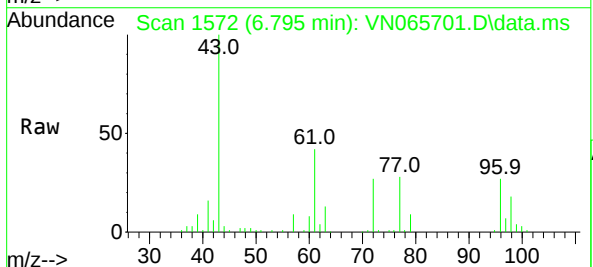
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN020321

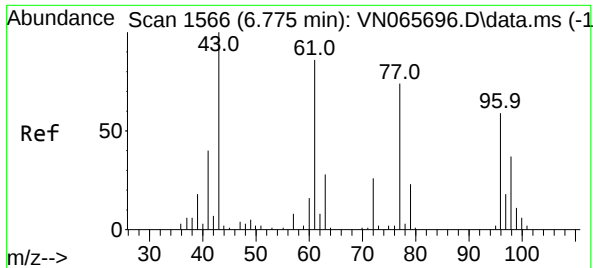
Tgt Ion: 75 Resp: 55272  
Ion Ratio Lower Upper  
75 100  
110 34.4 0.0 74.2  
77 32.5 0.0 61.0



#30  
2-Butanone  
Concen: 98.31 ug/l  
RT: 6.795 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion: 43 Resp: 127252  
Ion Ratio Lower Upper  
43 100  
57 8.8 7.0 10.4  
72 27.5 23.6 35.4

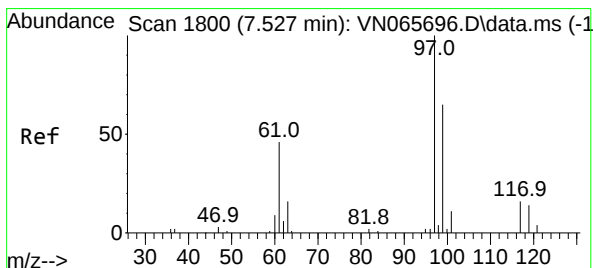
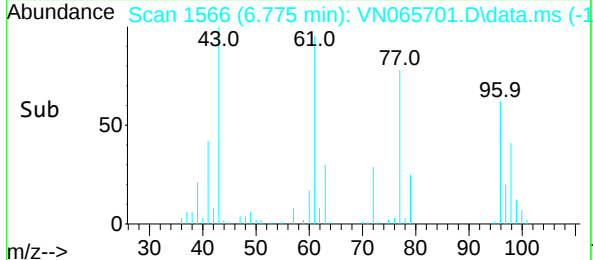
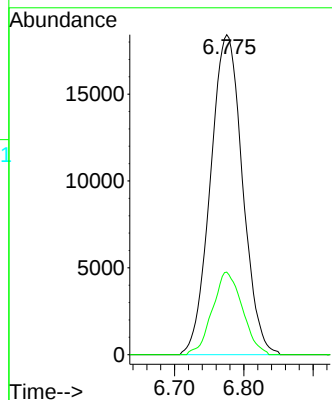
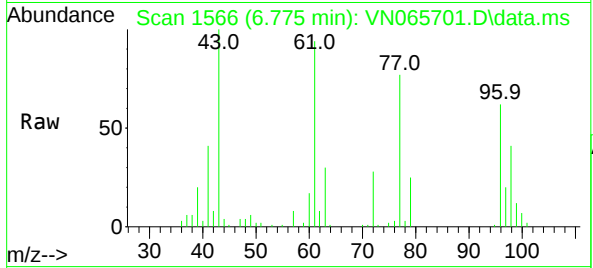




#31  
2,2-Dichloropropane  
Concen: 19.58 ug/l  
RT: 6.775 min Scan# 1566  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

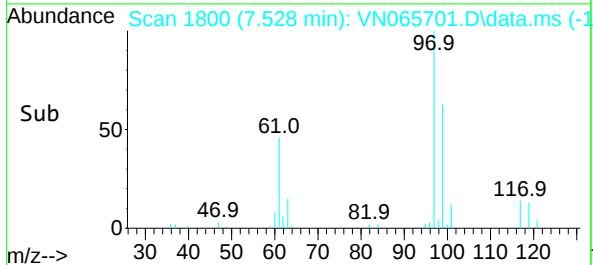
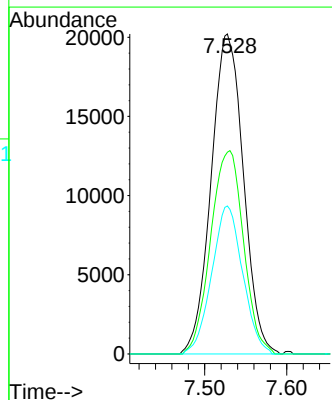
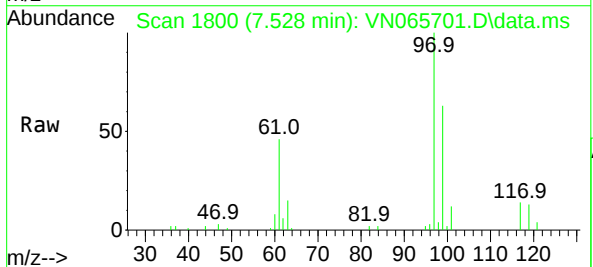
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN020321

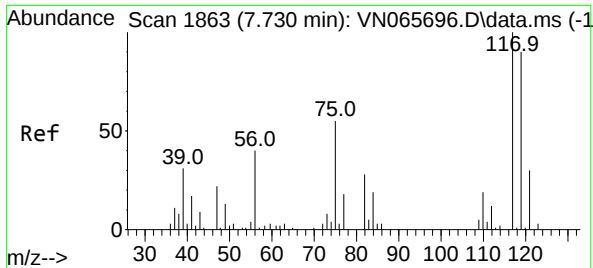
Tgt Ion: 77 Resp: 59249  
Ion Ratio Lower Upper  
77 100  
97 24.1 19.0 28.4



#32  
1,1,1-Trichloroethane  
Concen: 19.28 ug/l  
RT: 7.528 min Scan# 1800  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion: 97 Resp: 55283  
Ion Ratio Lower Upper  
97 100  
99 64.7 51.5 77.3  
61 44.5 34.7 52.1

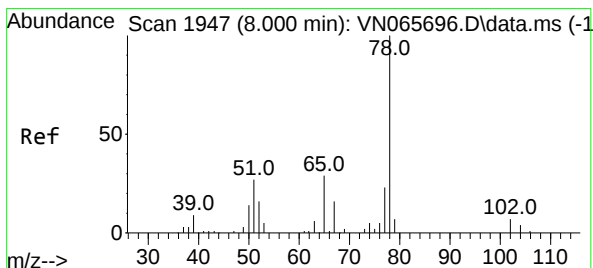
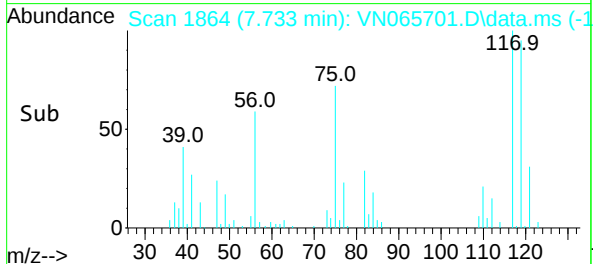
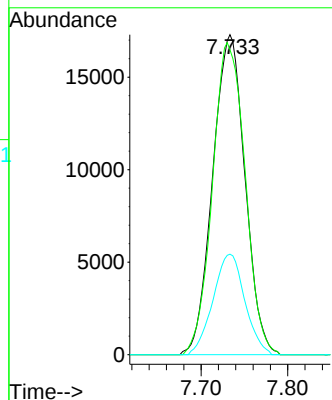
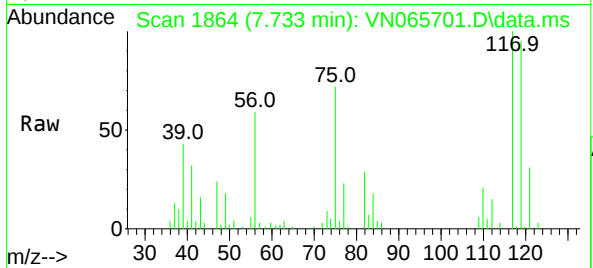




#33  
Carbon Tetrachloride  
Concen: 18.87 ug/l  
RT: 7.733 min Scan# 1864  
Delta R.T. 0.003 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

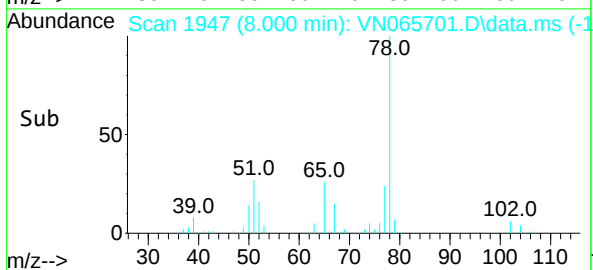
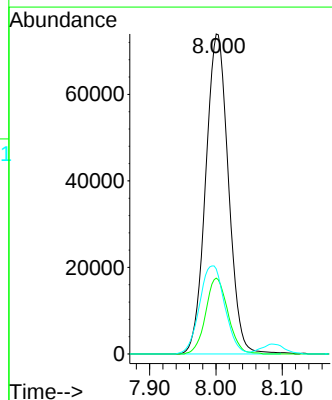
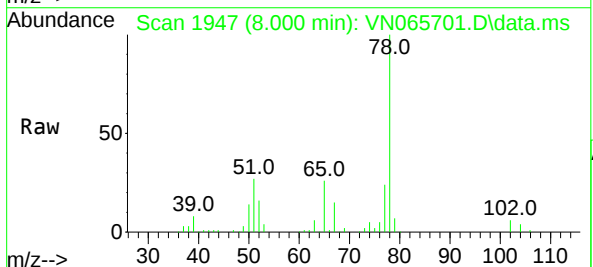
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN020321

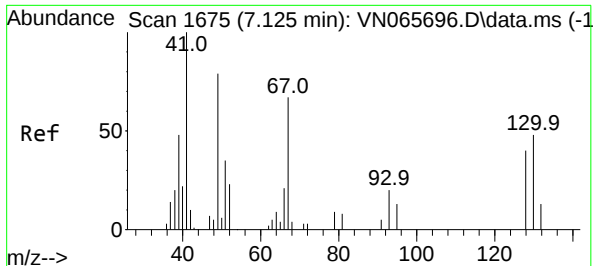
Tgt Ion:117 Resp: 44716  
Ion Ratio Lower Upper  
117 100  
119 95.3 77.0 115.4  
121 31.4 24.8 37.2



#34  
Benzene  
Concen: 19.71 ug/l  
RT: 8.000 min Scan# 1947  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion: 78 Resp: 176002  
Ion Ratio Lower Upper  
78 100  
77 23.7 19.0 28.6  
51 26.2 22.1 33.1





#35

Methacrylonitrile

Concen: 17.54 ug/l

RT: 7.129 min Scan# 1676

Delta R.T. 0.003 min

Lab File: VN065701.D

Acq: 3 Feb 2021 15:16

Tgt Ion: 41 Resp: 23853

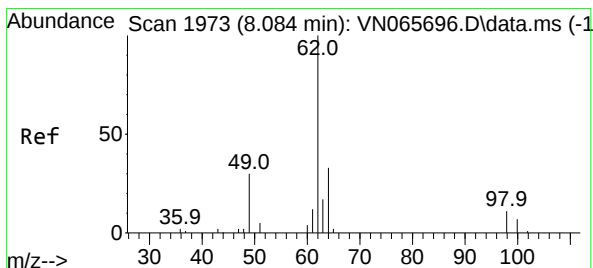
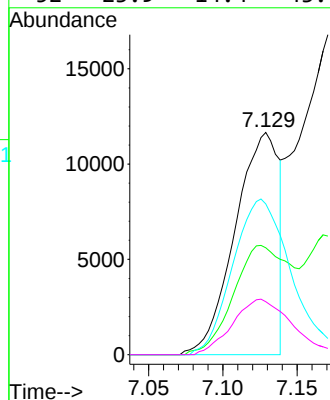
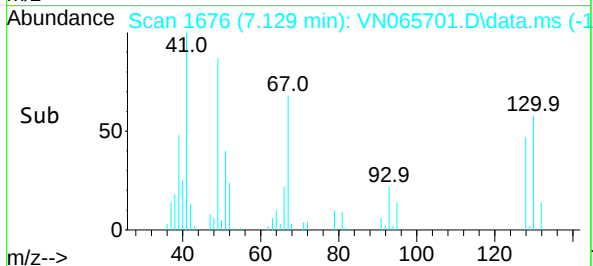
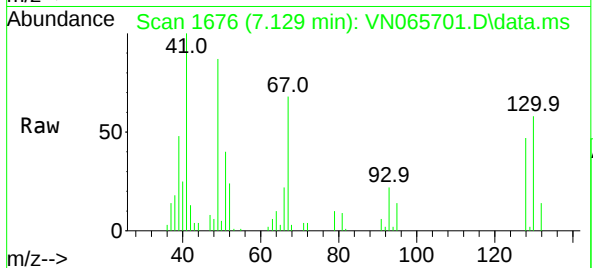
Ion Ratio Lower Upper

41 100

39 48.1 26.8 80.3

67 67.8 38.0 113.9

52 23.9 14.4 43.4



#36

1,2-Dichloroethane

Concen: 20.00 ug/l

RT: 8.087 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VN065701.D

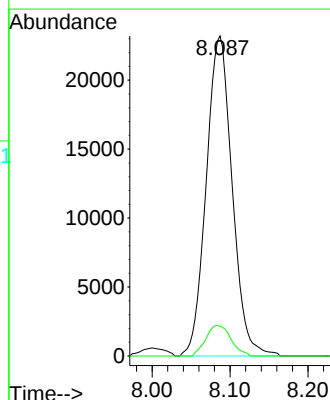
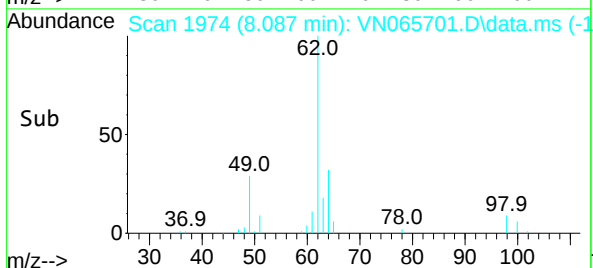
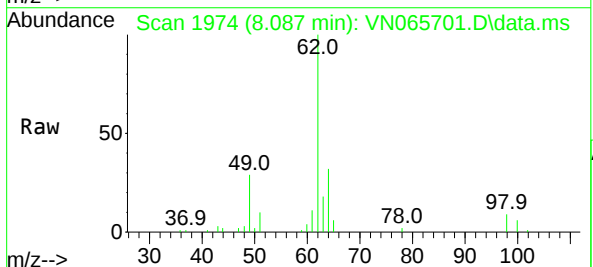
Acq: 3 Feb 2021 15:16

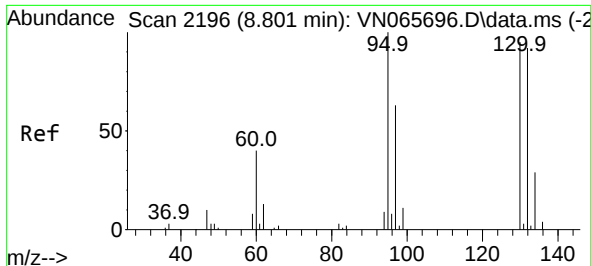
Tgt Ion: 62 Resp: 53656

Ion Ratio Lower Upper

62 100

98 9.2 7.4 11.2

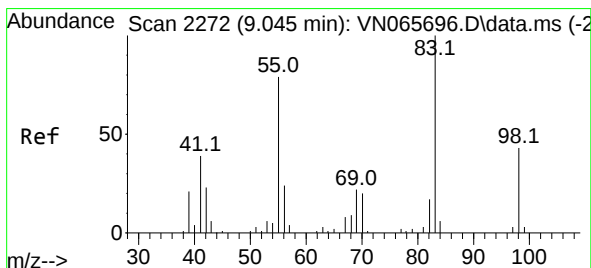
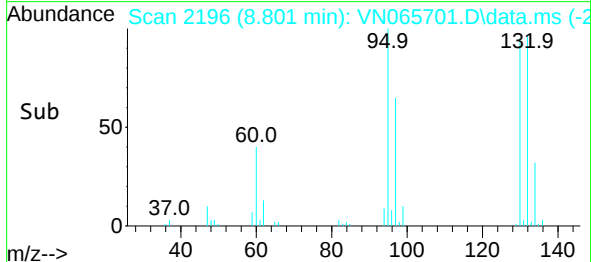
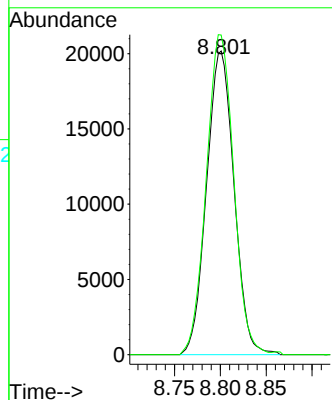
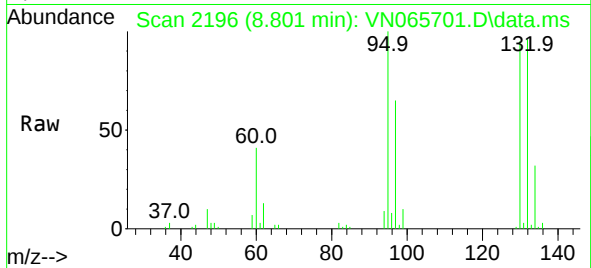




#37  
Trichloroethene  
Concen: 19.51 ug/l  
RT: 8.801 min Scan# 2196  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

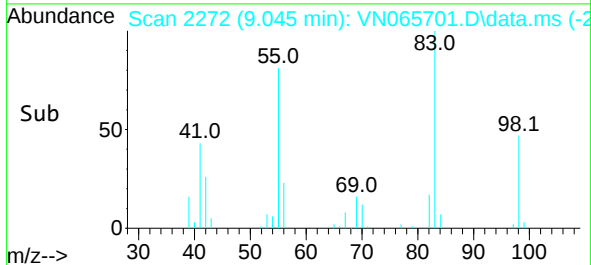
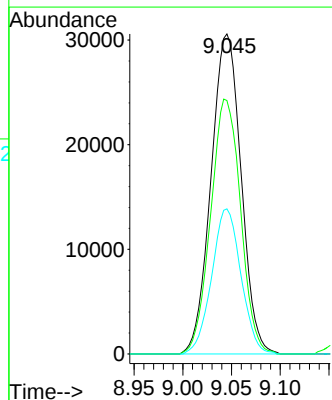
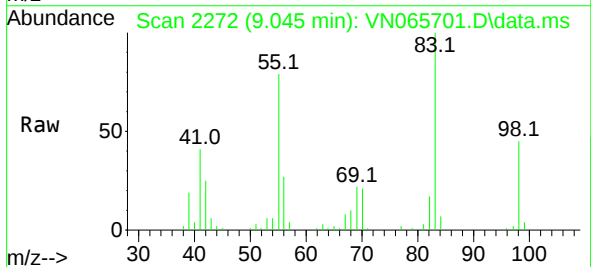
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN020321

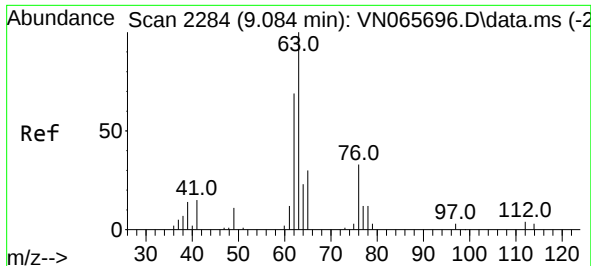
Tgt Ion:130 Resp: 42086  
Ion Ratio Lower Upper  
130 100  
95 105.3 74.0 111.0



#38  
Methylcyclohexane  
Concen: 19.18 ug/l  
RT: 9.045 min Scan# 2272  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion: 83 Resp: 65740  
Ion Ratio Lower Upper  
83 100  
55 79.2 37.2 111.6  
98 44.1 23.8 71.4





#39

1,2-Dichloropropane

Concen: 19.84 ug/l

RT: 9.081 min Scan# 2283

Delta R.T. -0.003 min

Lab File: VN065701.D

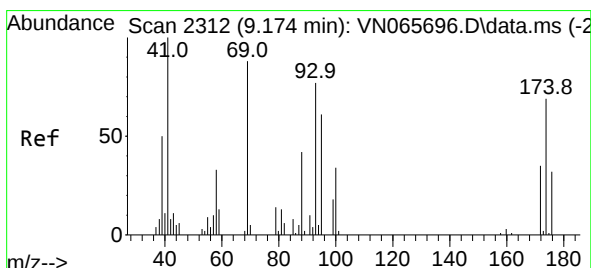
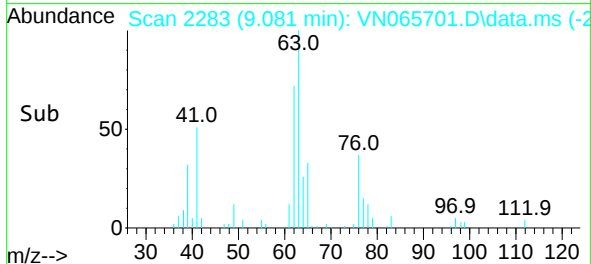
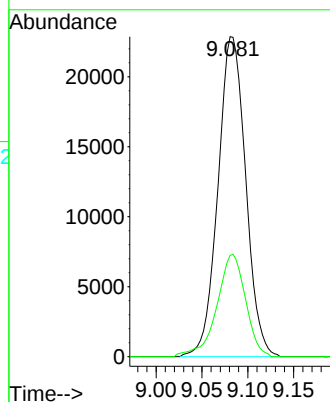
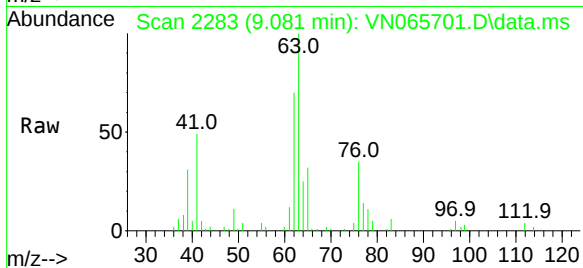
Acq: 3 Feb 2021 15:16

Tgt Ion: 63 Resp: 48151

Ion Ratio Lower Upper

63 100

65 31.7 24.1 36.1



#40

Dibromomethane

Concen: 19.67 ug/l

RT: 9.174 min Scan# 2312

Delta R.T. 0.000 min

Lab File: VN065701.D

Acq: 3 Feb 2021 15:16

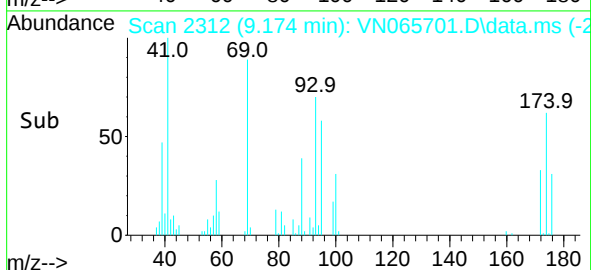
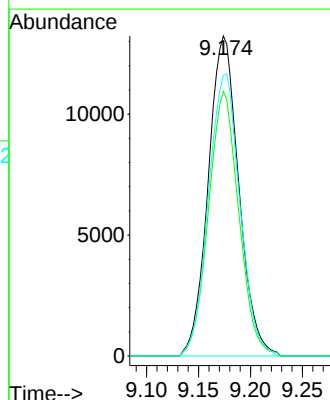
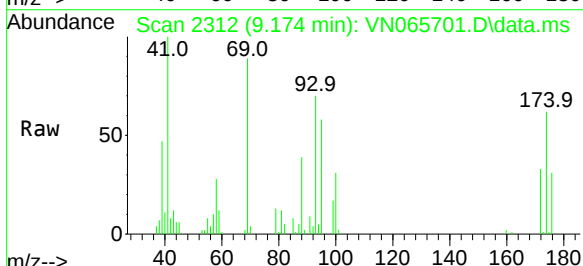
Tgt Ion: 93 Resp: 27048

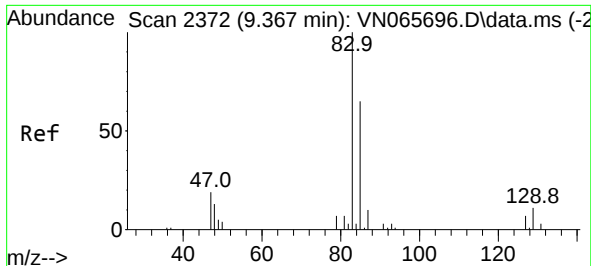
Ion Ratio Lower Upper

93 100

95 81.9 0.0 168.6

174 90.3 0.0 246.4

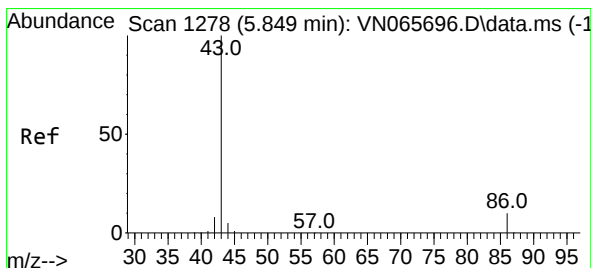
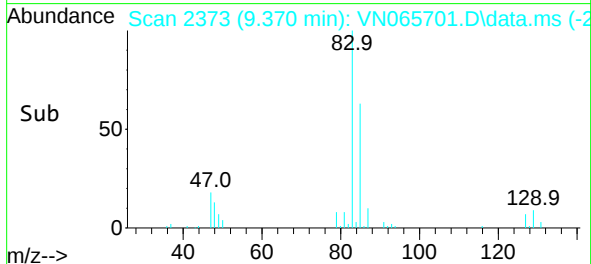
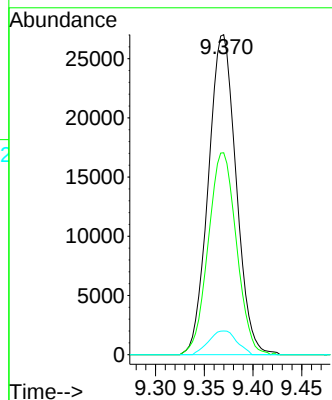
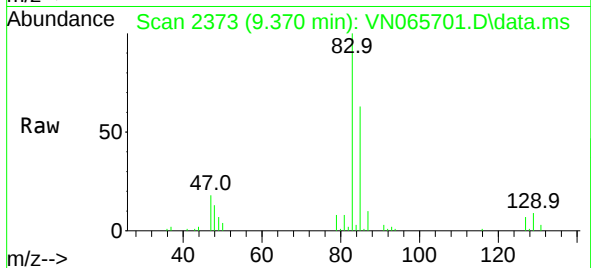




#41  
Bromodichloromethane  
Concen: 19.21 ug/l  
RT: 9.370 min Scan# 2373  
Delta R.T. 0.003 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

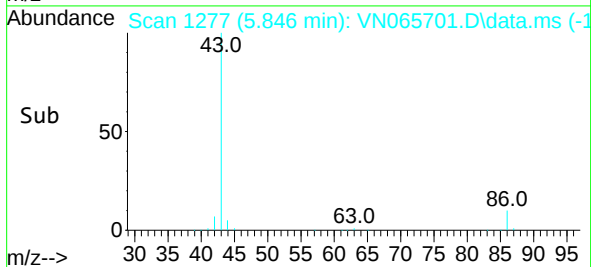
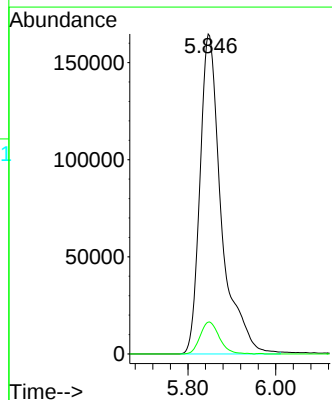
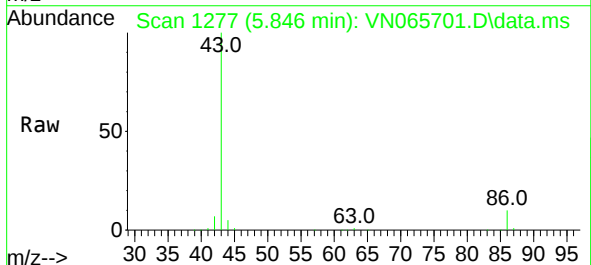
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN020321

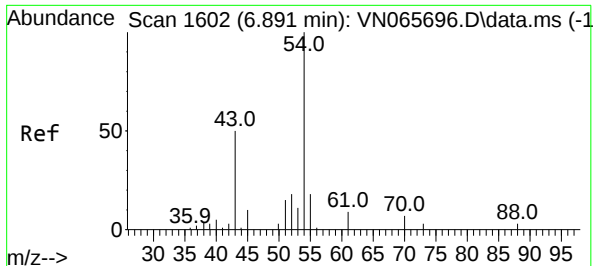
Tgt Ion: 83 Resp: 53512  
Ion Ratio Lower Upper  
83 100  
85 63.1 50.7 76.1  
127 7.4 7.5 11.3#



#42  
Vinyl Acetate  
Concen: 98.35 ug/l  
RT: 5.846 min Scan# 1277  
Delta R.T. -0.003 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion: 43 Resp: 557639  
Ion Ratio Lower Upper  
43 100  
86 8.9 7.9 11.9





#43

Ethyl Acetate

Concen: 19.31 ug/l

RT: 6.888 min Scan# 1601

Delta R.T. -0.003 min

Lab File: VN065701.D

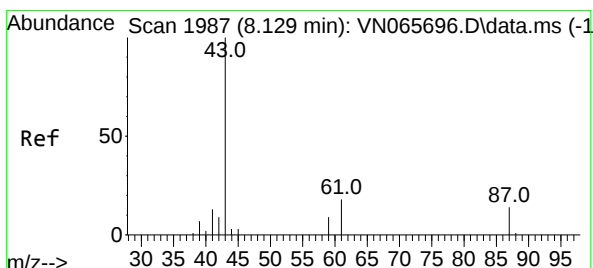
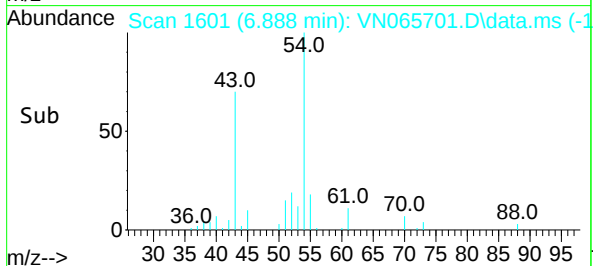
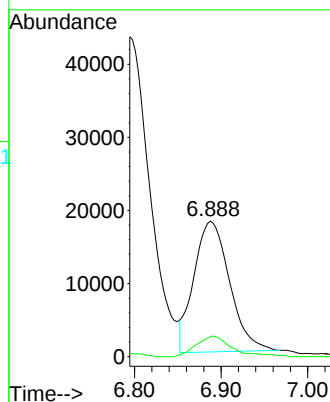
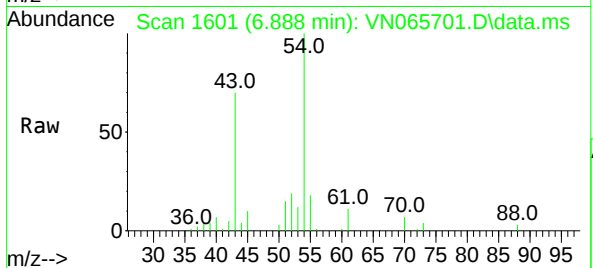
Acq: 3 Feb 2021 15:16

Tgt Ion: 43 Resp: 51198

Ion Ratio Lower Upper

43 100

45 14.5 12.9 19.3



#44

Isopropyl Acetate

Concen: 19.50 ug/l

RT: 8.129 min Scan# 1987

Delta R.T. 0.000 min

Lab File: VN065701.D

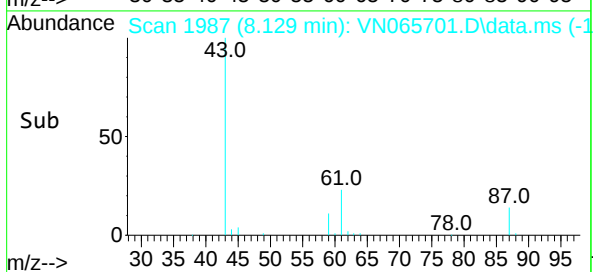
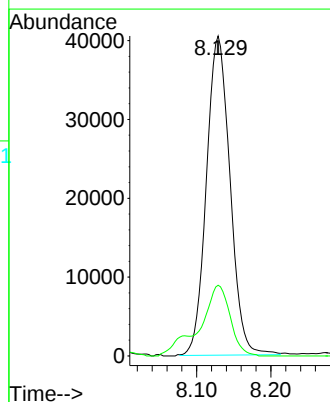
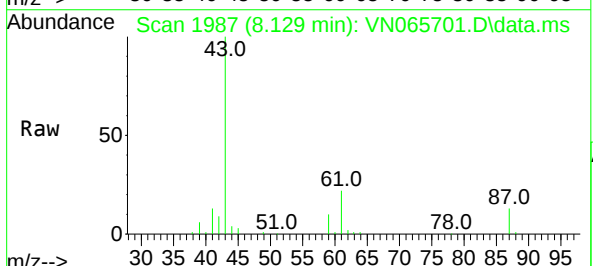
Acq: 3 Feb 2021 15:16

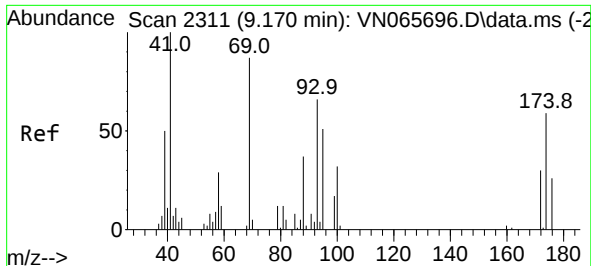
Tgt Ion: 43 Resp: 89391

Ion Ratio Lower Upper

43 100

61 22.4 16.8 25.2

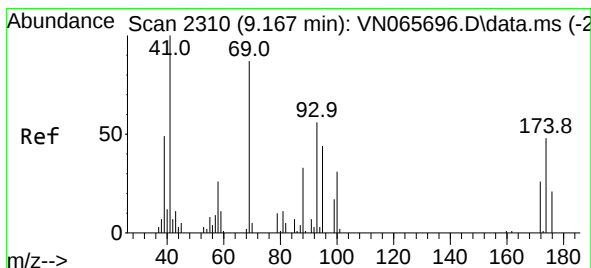
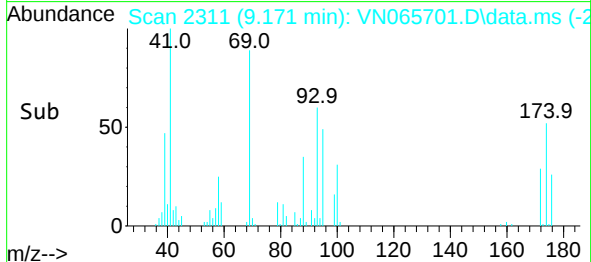
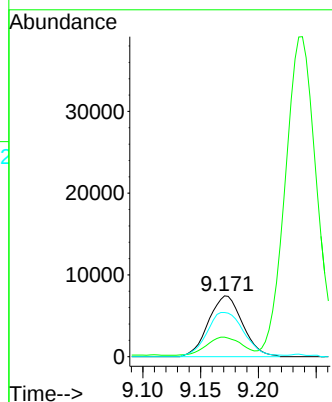
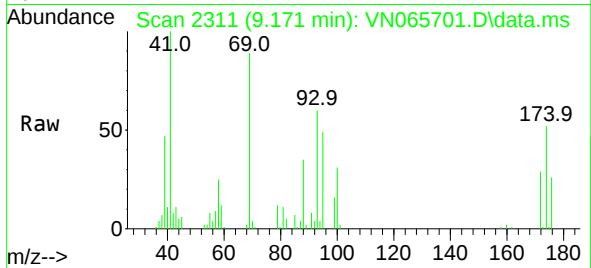




#45  
1,4-Dioxane  
Concen: 401.33 ug/l  
RT: 9.171 min Scan# 2311  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

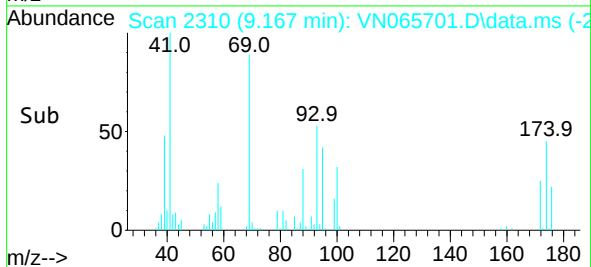
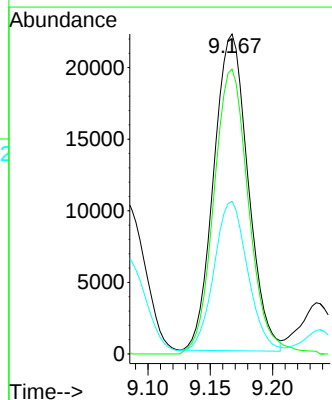
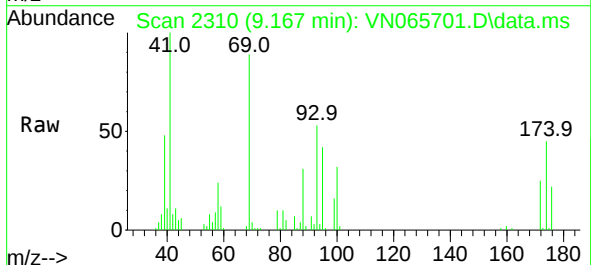
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN020321

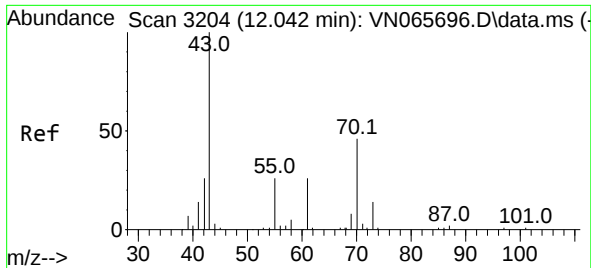
Tgt Ion: 88 Resp: 15260  
Ion Ratio Lower Upper  
88 100  
43 30.1 28.3 42.5  
58 79.8 53.8 80.6



#46  
Methyl methacrylate  
Concen: 19.28 ug/l  
RT: 9.167 min Scan# 2310  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion: 41 Resp: 42364  
Ion Ratio Lower Upper  
41 100  
69 90.1 46.3 138.8  
39 47.2 26.8 80.3

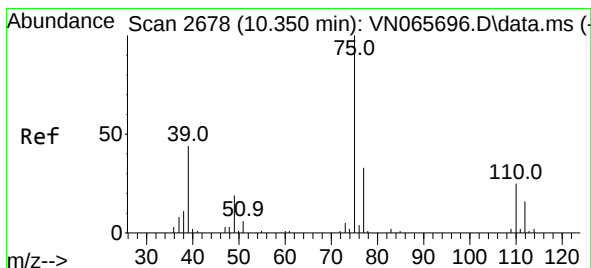
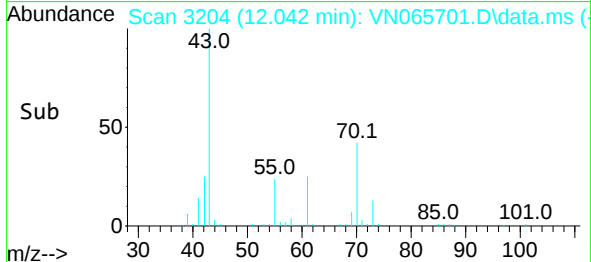
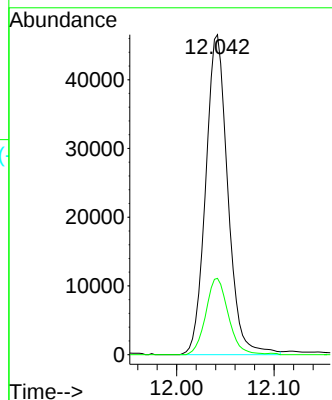
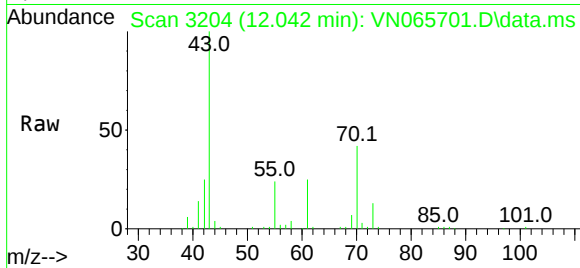




#47  
n-amyl acetate  
Concen: 19.19 ug/l  
RT: 12.042 min Scan# 3204  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

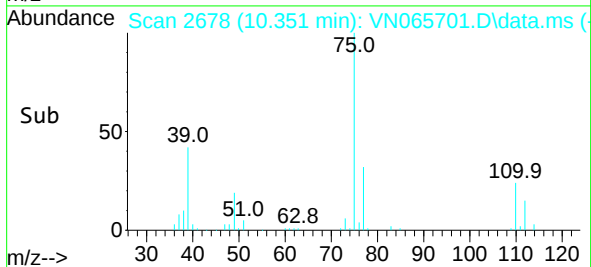
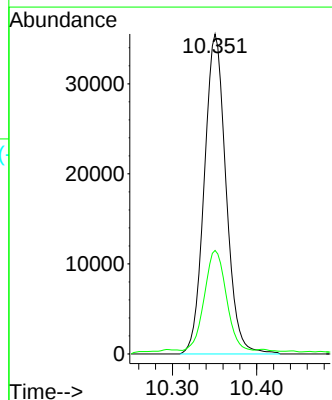
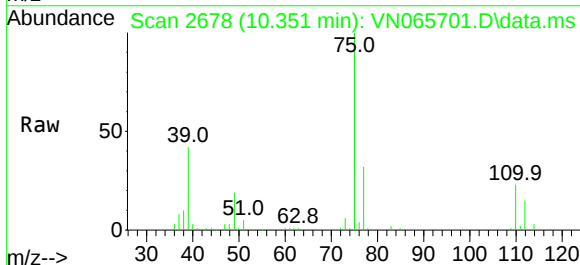
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ClientSampleId :  
ICVVN020321

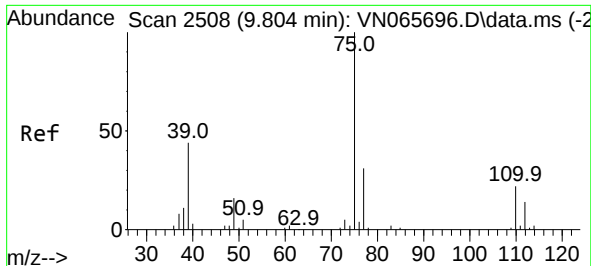
Tgt Ion: 43 Resp: 73594  
Ion Ratio Lower Upper  
43 100  
55 24.2 21.3 31.9



#48  
t-1,3-Dichloropropene  
Concen: 19.39 ug/l  
RT: 10.351 min Scan# 2678  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion: 75 Resp: 63831  
Ion Ratio Lower Upper  
75 100  
77 31.5 26.5 39.7



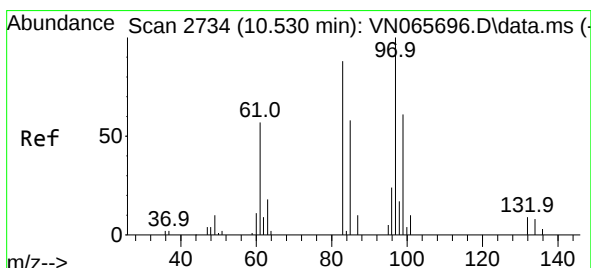
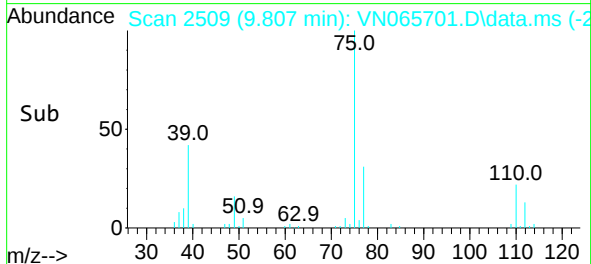
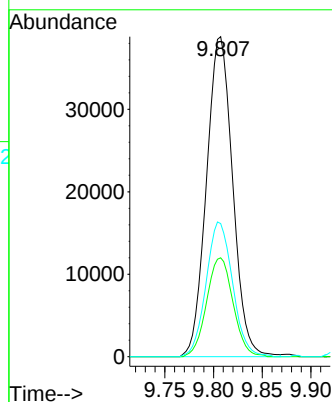
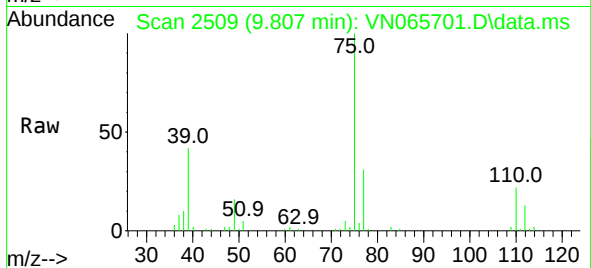


#49

cis-1,3-Dichloropropene  
Concen: 19.49 ug/l  
RT: 9.807 min Scan# 2509  
Delta R.T. 0.003 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN020321

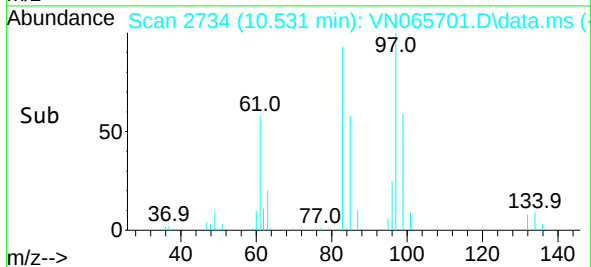
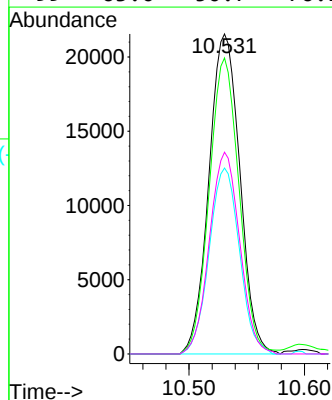
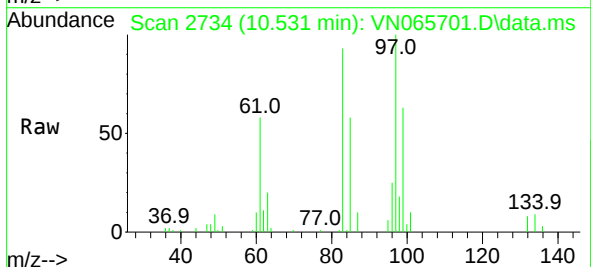
Tgt Ion: 75 Resp: 72668  
Ion Ratio Lower Upper  
75 100  
77 30.9 24.8 37.2  
39 41.6 34.4 51.6

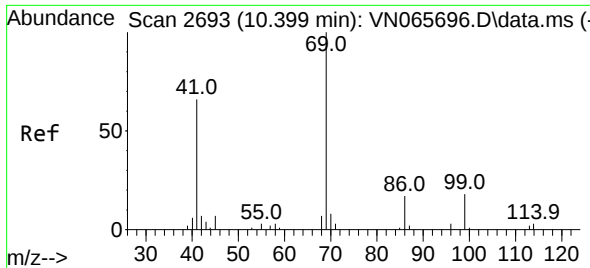


#50

1,1,2-Trichloroethane  
Concen: 19.92 ug/l  
RT: 10.531 min Scan# 2734  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion: 97 Resp: 40091  
Ion Ratio Lower Upper  
97 100  
83 92.5 68.4 102.6  
85 58.1 42.8 64.2  
99 63.0 50.7 76.1

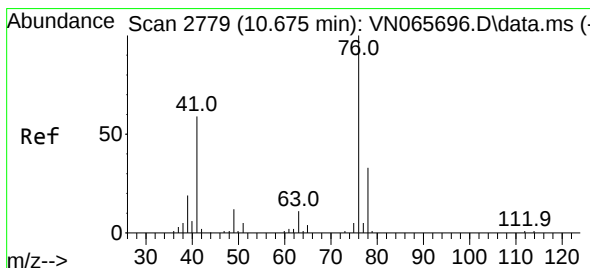
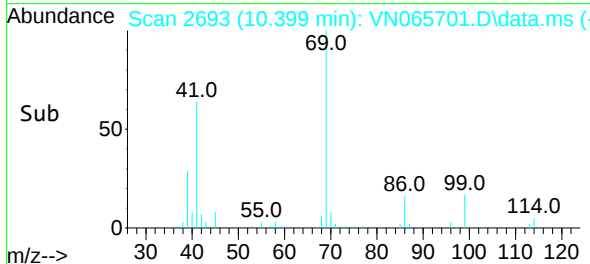
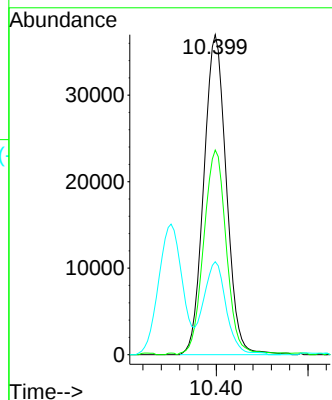
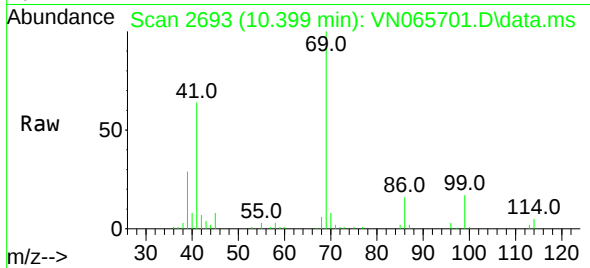




#51  
Ethyl methacrylate  
Concen: 19.44 ug/l  
RT: 10.399 min Scan# 2693  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

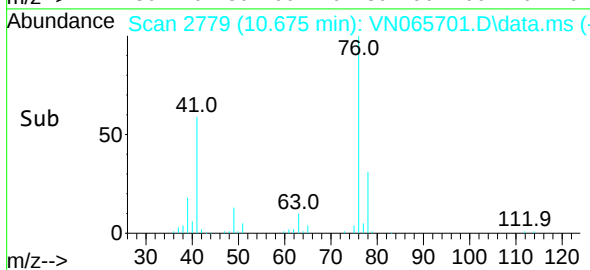
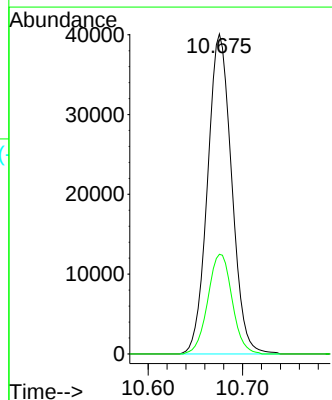
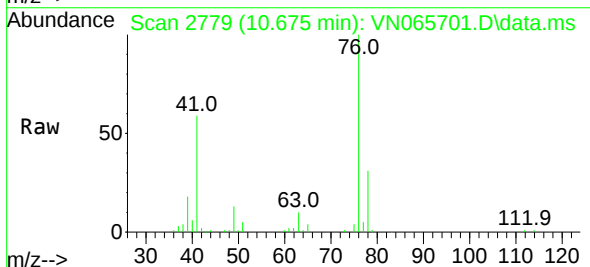
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MSVOA\_N  
ClientSampleId :  
ICVVN020321

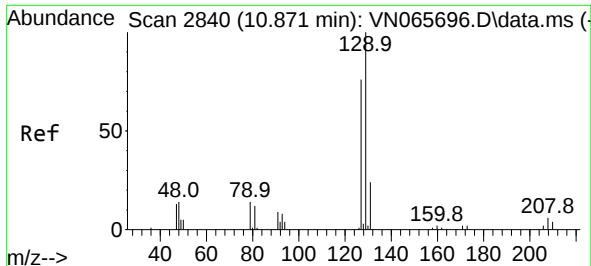
Tgt Ion: 69 Resp: 63008  
Ion Ratio Lower Upper  
69 100  
41 63.4 31.9 95.7  
39 29.0 15.6 46.7



#52  
1,3-Dichloropropane  
Concen: 19.70 ug/l  
RT: 10.675 min Scan# 2779  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion: 76 Resp: 71014  
Ion Ratio Lower Upper  
76 100  
78 31.4 0.0 64.2

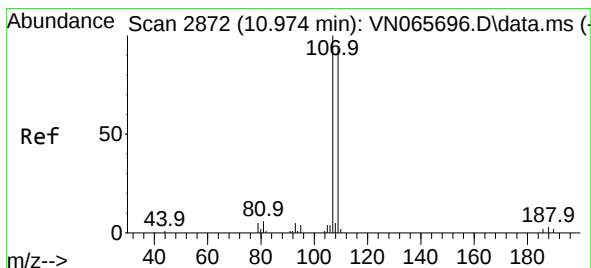
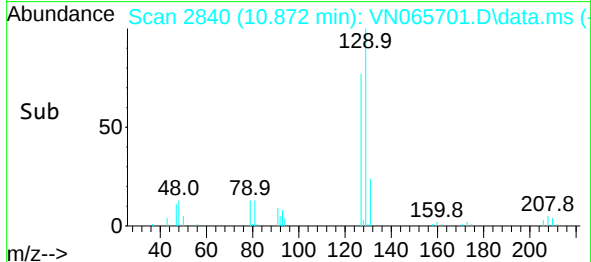
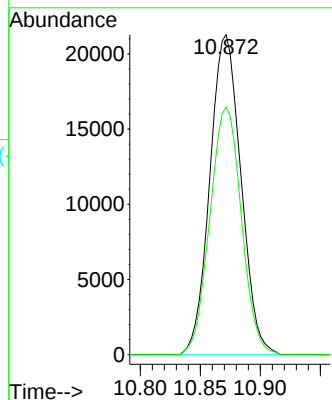
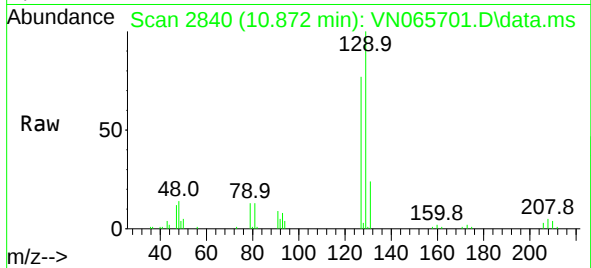




#53  
Dibromochloromethane  
Concen: 18.78 ug/l  
RT: 10.872 min Scan# 2840  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

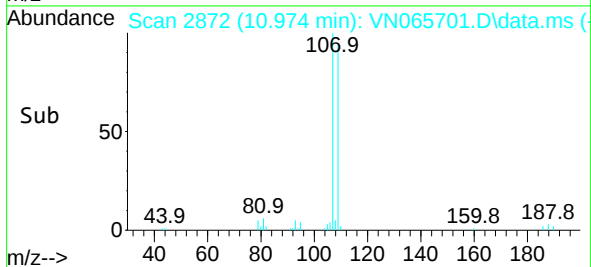
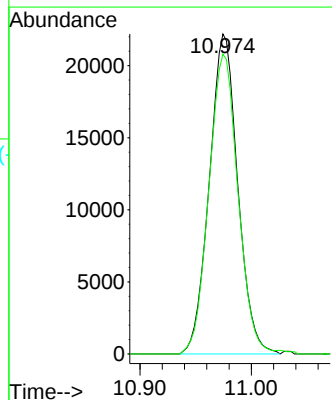
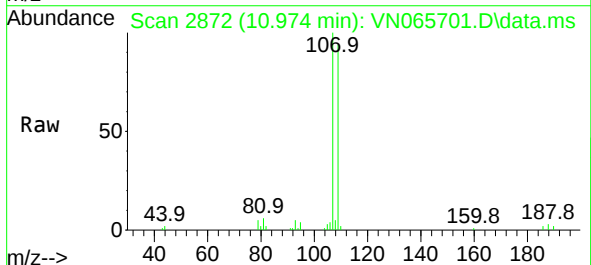
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ClientSampleId :  
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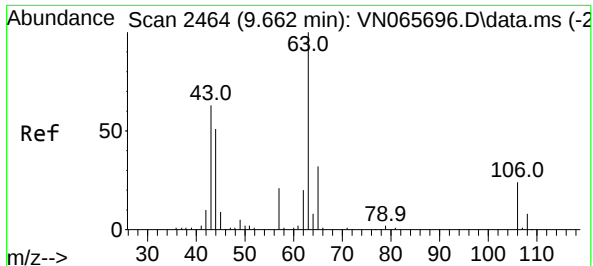
Tgt Ion:129 Resp: 38304  
Ion Ratio Lower Upper  
129 100  
127 78.5 38.9 116.6



#54  
1,2-Dibromoethane  
Concen: 19.48 ug/l  
RT: 10.974 min Scan# 2872  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion:107 Resp: 39294  
Ion Ratio Lower Upper  
107 100  
109 95.8 76.6 115.0

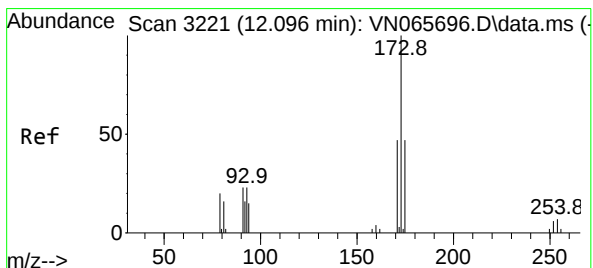
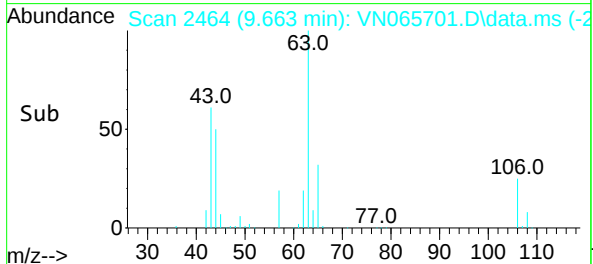
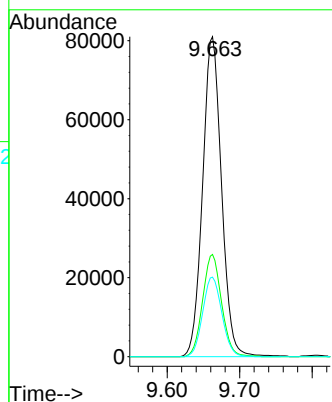
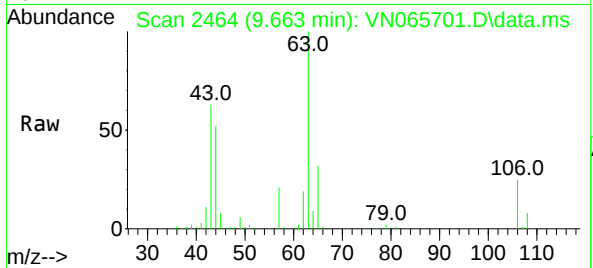




#55  
2-Chloroethyl vinyl ether  
Concen: 101.88 ug/l  
RT: 9.663 min Scan# 2464  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

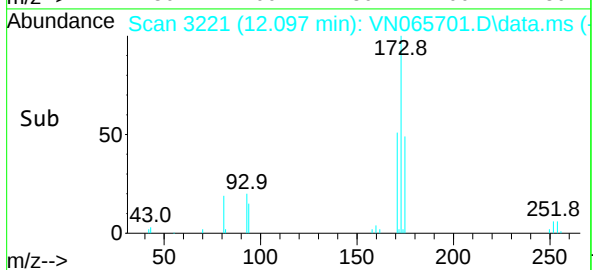
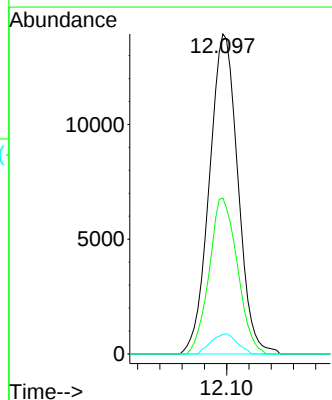
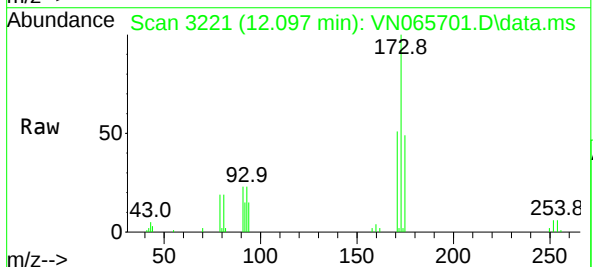
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ClientSampleId :  
ICVVN020321

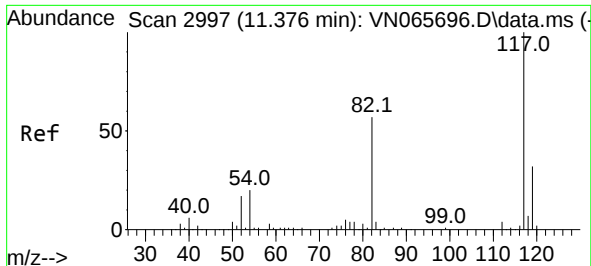
Tgt Ion: 63 Resp: 146731  
Ion Ratio Lower Upper  
63 100  
65 32.0 25.7 38.5  
106 25.2 23.1 34.7



#56  
Bromoform  
Concen: 19.23 ug/l  
RT: 12.097 min Scan# 3221  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion: 173 Resp: 24774  
Ion Ratio Lower Upper  
173 100  
175 48.1 38.2 57.4  
254 5.7 9.8 14.8#

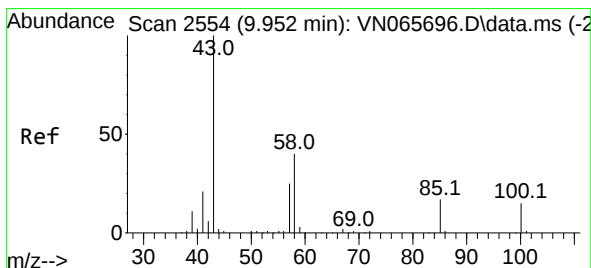
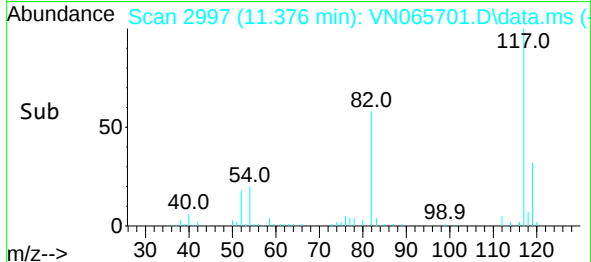
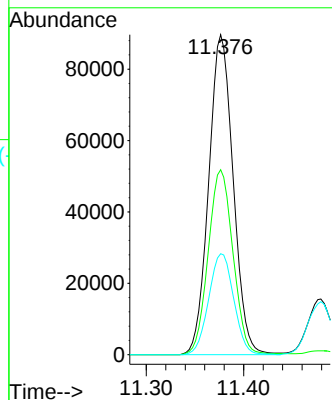
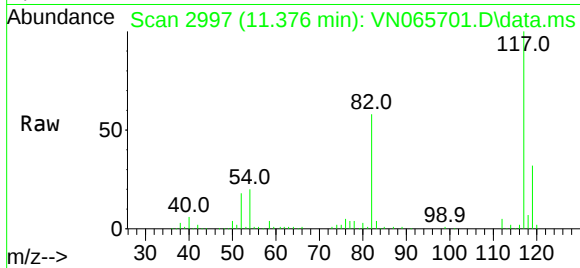




#57  
Chlorobenzene-d5  
Concen: 30.00 ug/l  
RT: 11.376 min Scan# 2997  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

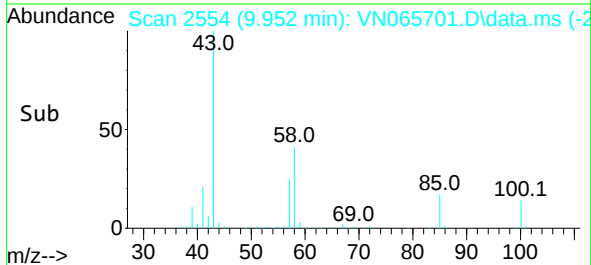
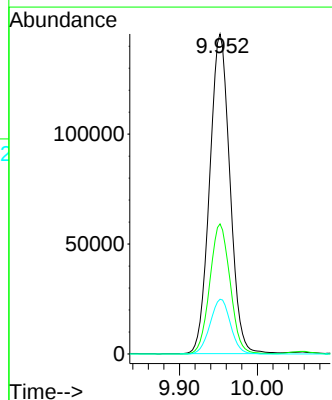
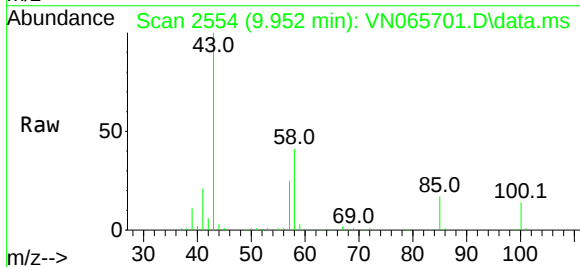
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ClientSampleId :  
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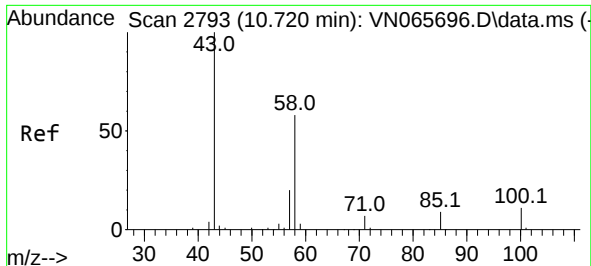
Tgt Ion:117 Resp: 156639  
Ion Ratio Lower Upper  
117 100  
82 58.5 41.3 61.9  
119 32.2 25.7 38.5



#58  
4-Methyl-2-Pentanone  
Concen: 100.94 ug/l  
RT: 9.952 min Scan# 2554  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion: 43 Resp: 262621  
Ion Ratio Lower Upper  
43 100  
58 40.9 32.7 49.1  
85 17.2 16.0 24.0

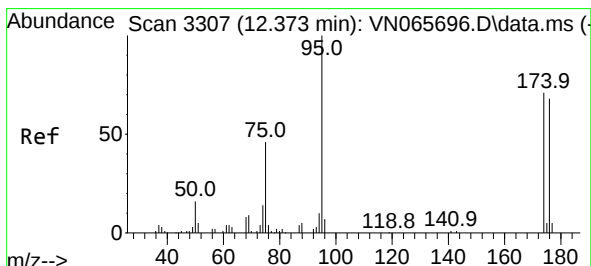
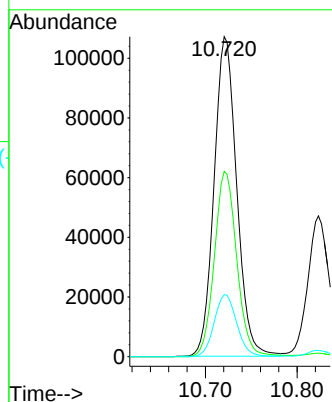
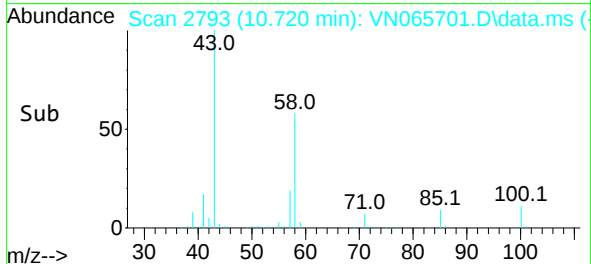
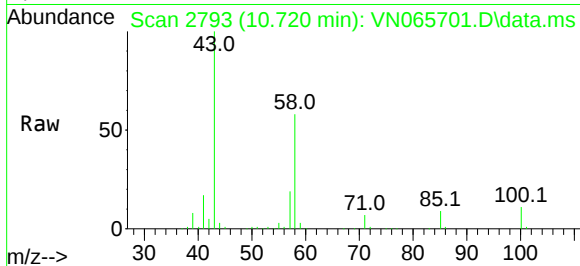




#59  
2-Hexanone  
Concen: 98.61 ug/l  
RT: 10.720 min Scan# 2793  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

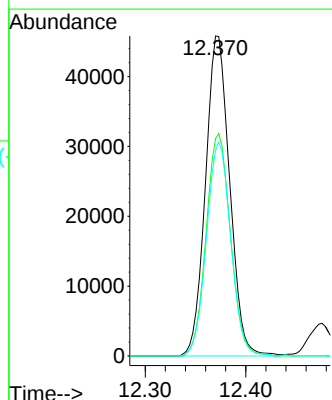
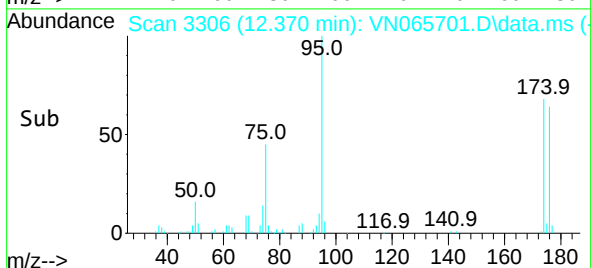
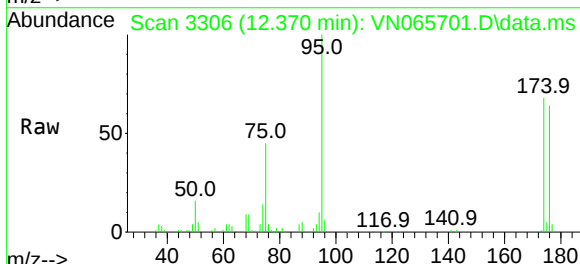
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN020321

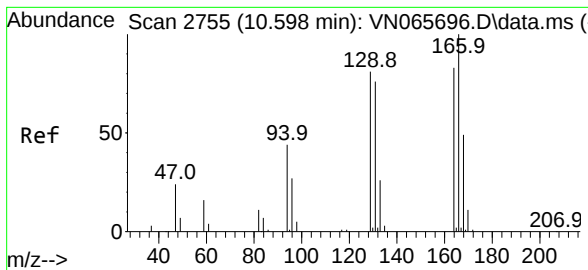
Tgt Ion: 43 Resp: 183652  
Ion Ratio Lower Upper  
43 100  
58 57.4 45.4 68.0  
57 19.4 15.8 23.8



#60  
4-Bromofluorobenzene  
Concen: 30.09 ug/l  
RT: 12.370 min Scan# 3306  
Delta R.T. -0.003 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion: 95 Resp: 76672  
Ion Ratio Lower Upper  
95 100  
174 69.8 77.0 115.6#  
176 67.0 75.8 113.6#



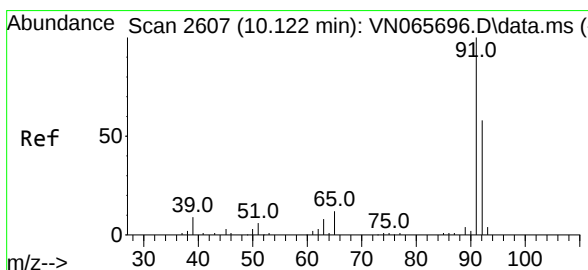
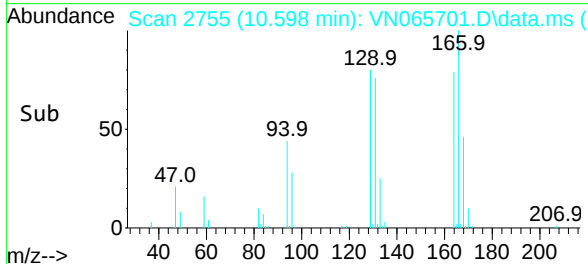
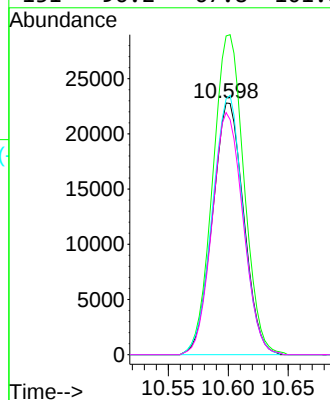
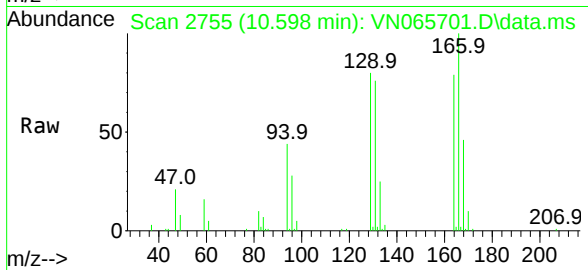


#61  
Tetrachloroethene  
Concen: 20.00 ug/l  
RT: 10.598 min Scan# 2755  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN020321

Tgt Ion:164 Resp: 41251

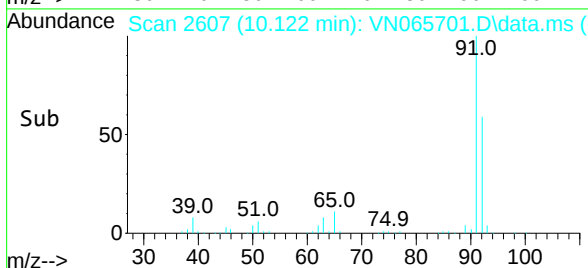
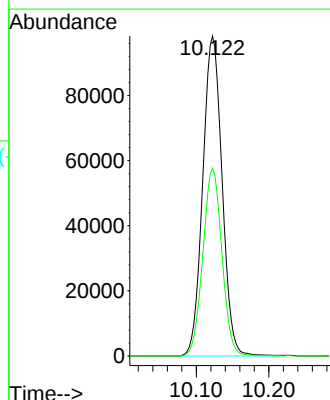
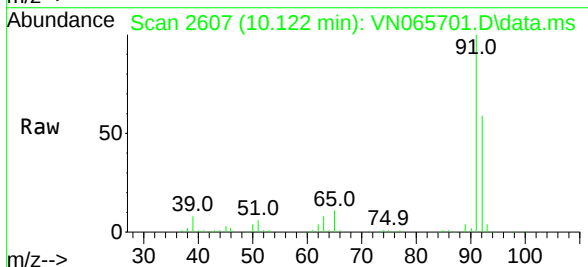
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 126.6 | 101.2 | 151.8 |
| 129 | 101.6 | 69.7  | 104.5 |
| 131 | 96.2  | 67.8  | 101.8 |

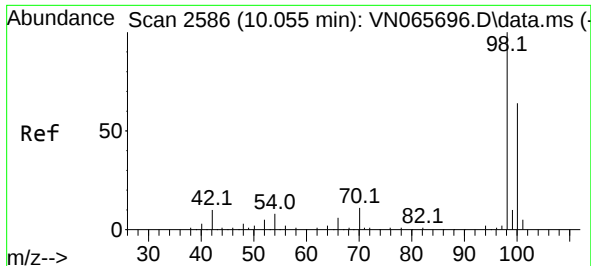


#62  
Toluene  
Concen: 19.87 ug/l  
RT: 10.122 min Scan# 2607  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion: 91 Resp: 182027

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 57.5  | 46.2  | 69.4  |

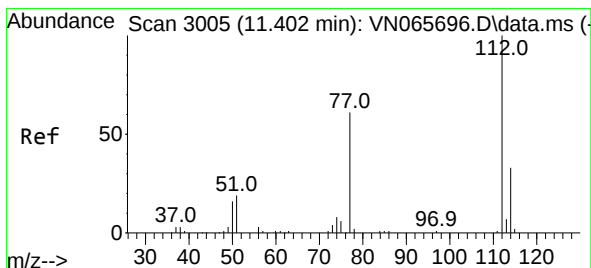
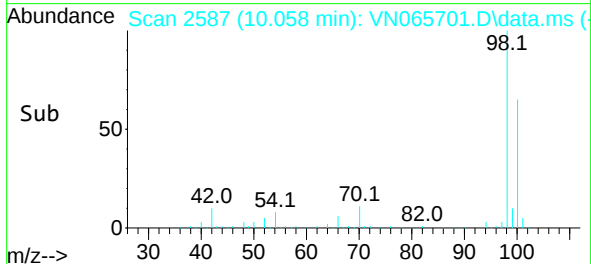
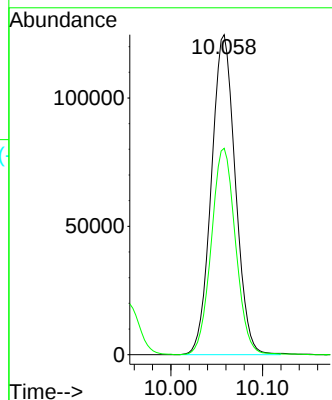
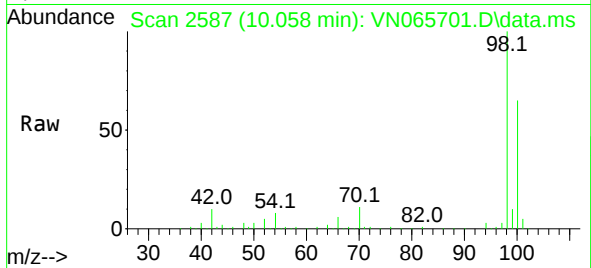




#63  
Toluene-d8  
Concen: 30.08 ug/l  
RT: 10.058 min Scan# 2587  
Delta R.T. 0.003 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

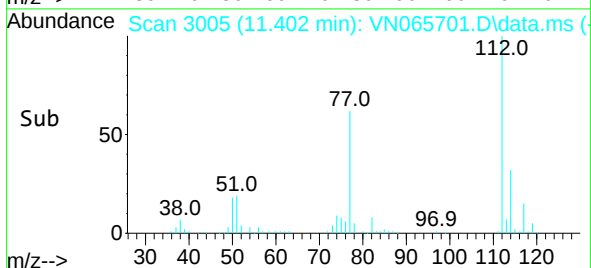
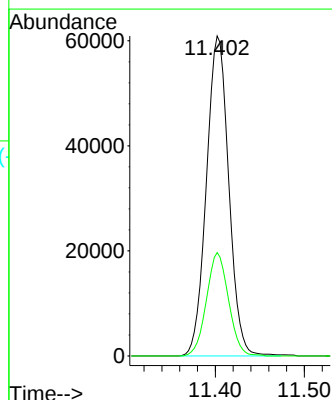
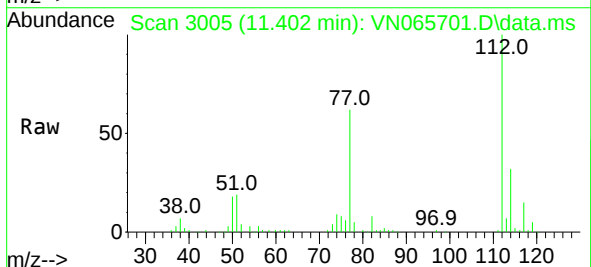
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN020321

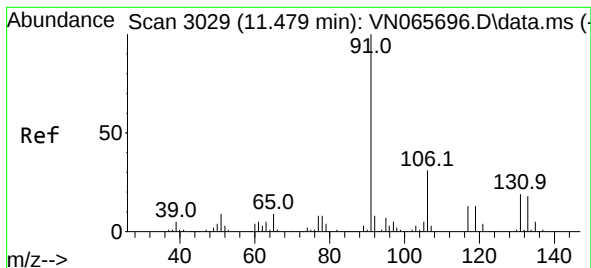
Tgt Ion: 98 Resp: 226553  
Ion Ratio Lower Upper  
98 100  
100 65.2 51.9 77.9



#64  
Chlorobenzene  
Concen: 19.62 ug/l  
RT: 11.402 min Scan# 3005  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion: 112 Resp: 106013  
Ion Ratio Lower Upper  
112 100  
114 32.3 25.5 38.3

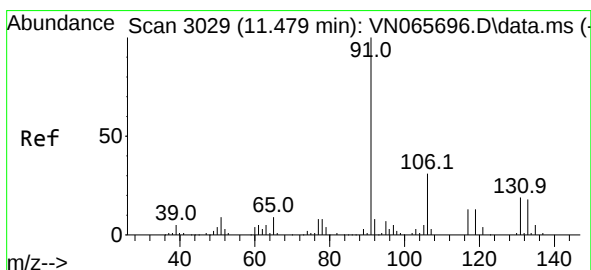
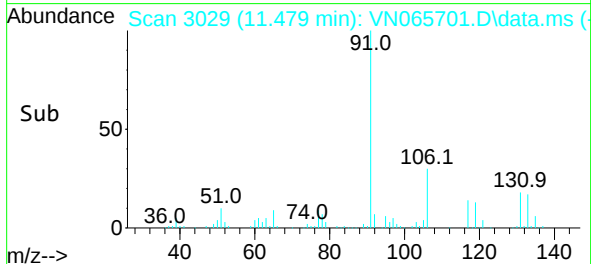
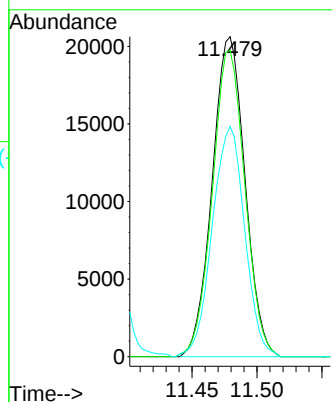
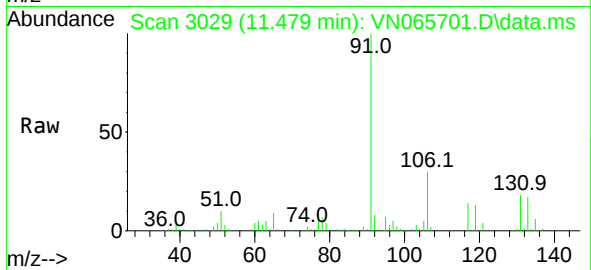




#65  
1,1,1,2-Tetrachloroethane  
Concen: 19.28 ug/l  
RT: 11.479 min Scan# 3029  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

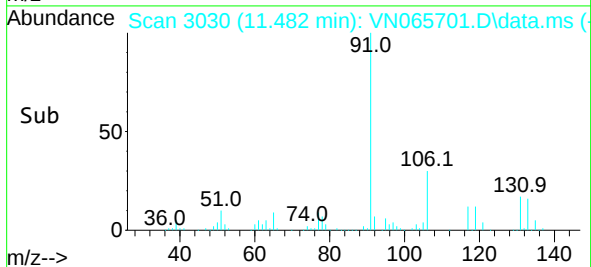
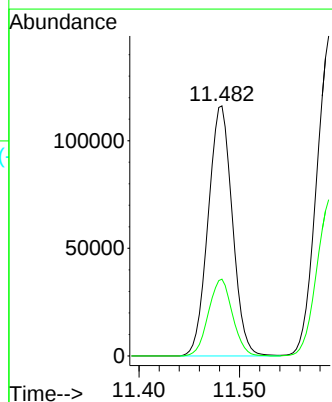
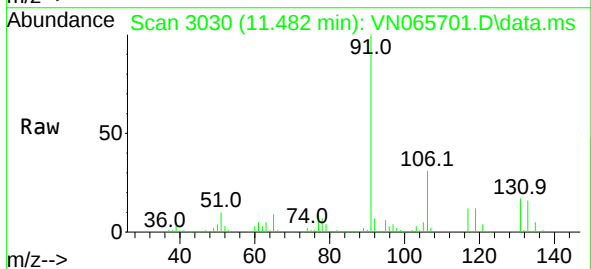
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN020321

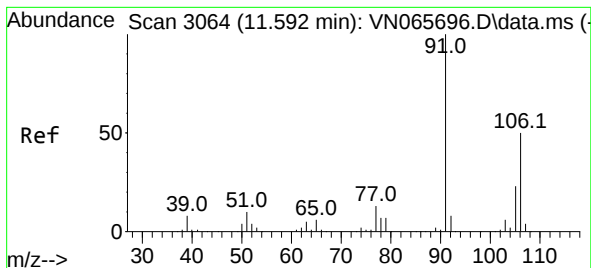
Tgt Ion:131 Resp: 36223  
Ion Ratio Lower Upper  
131 100  
133 95.1 0.0 186.2  
119 71.1 0.0 131.6



#66  
Ethyl Benzene  
Concen: 19.85 ug/l  
RT: 11.482 min Scan# 3030  
Delta R.T. 0.003 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion: 91 Resp: 194597  
Ion Ratio Lower Upper  
91 100  
106 30.7 25.5 38.3

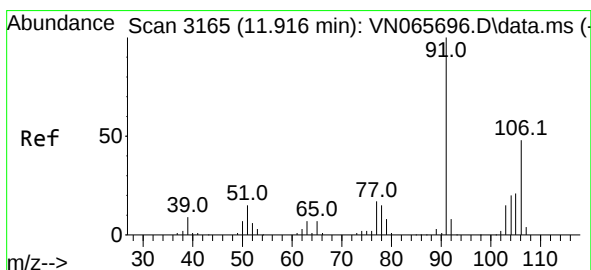
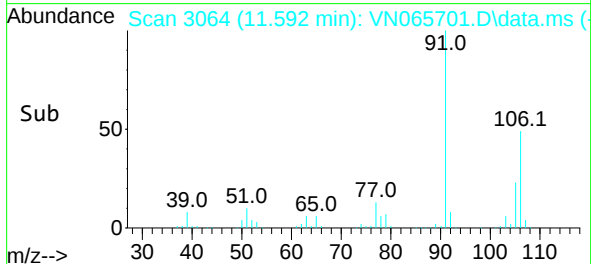
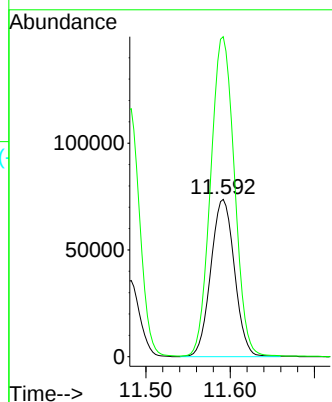
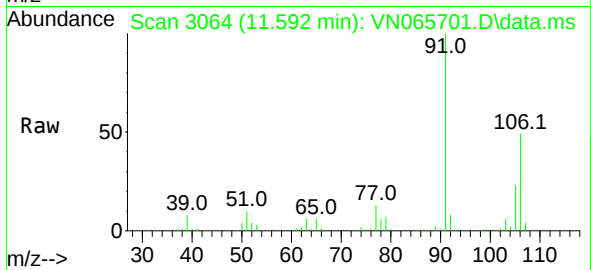




#67  
m/p-Xylenes  
Concen: 39.42 ug/l  
RT: 11.592 min Scan# 3064  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

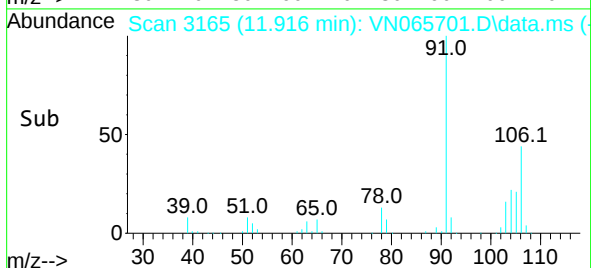
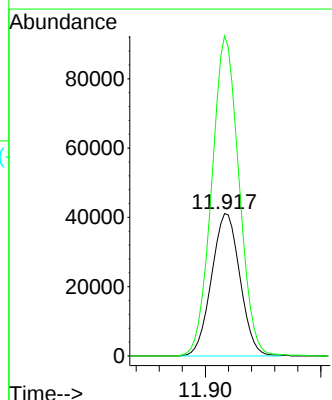
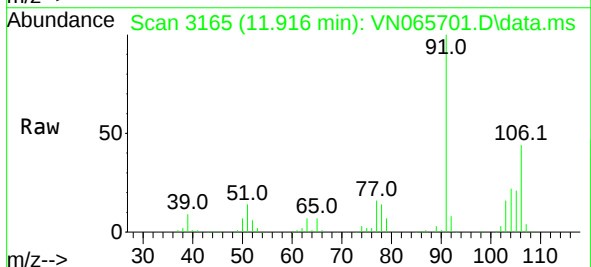
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN020321

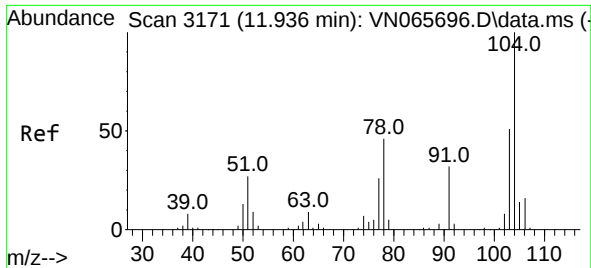
Tgt Ion:106 Resp: 143916  
Ion Ratio Lower Upper  
106 100  
91 204.0 159.0 238.6



#68  
o-Xylene  
Concen: 19.75 ug/l  
RT: 11.916 min Scan# 3165  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion:106 Resp: 70212  
Ion Ratio Lower Upper  
106 100  
91 216.3 104.7 313.9

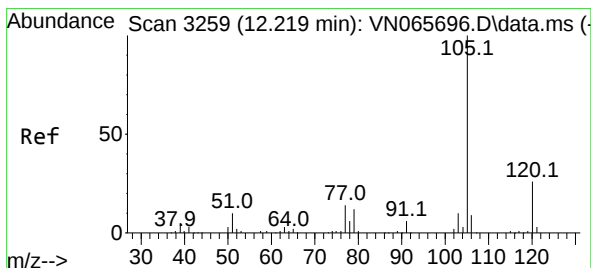
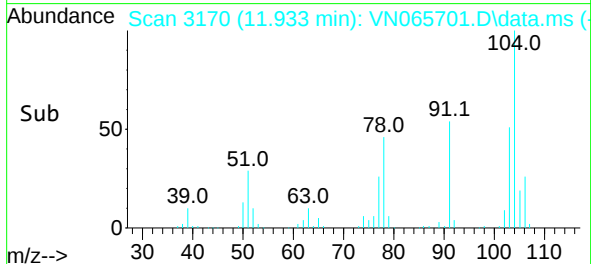
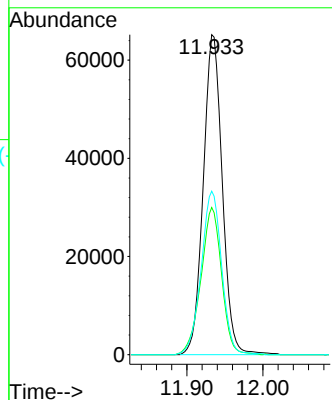
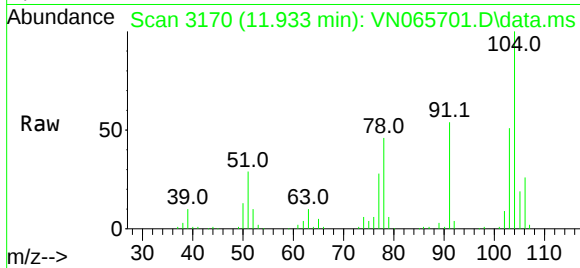




#69  
Styrene  
Concen: 19.74 ug/l  
RT: 11.933 min Scan# 3170  
Delta R.T. -0.003 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

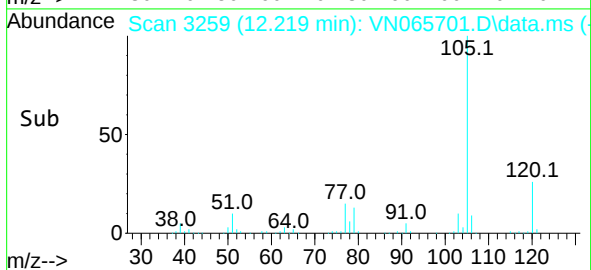
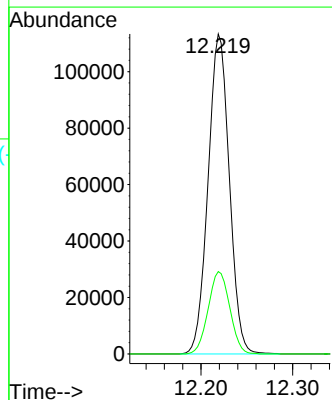
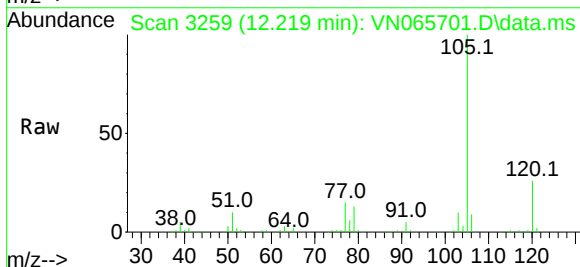
Instrument :  
MSVOA\_N  
ClientSampleId :  
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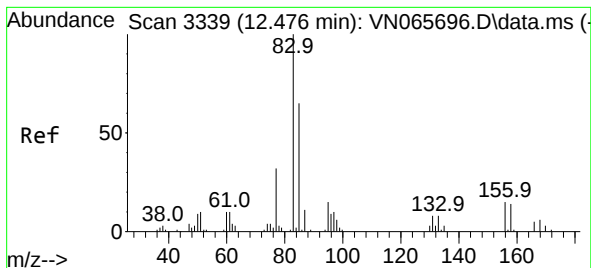
Tgt Ion:104 Resp: 113444  
Ion Ratio Lower Upper  
104 100  
78 49.8 38.0 57.0  
103 55.1 44.3 66.5



#70  
Isopropylbenzene  
Concen: 19.96 ug/l  
RT: 12.219 min Scan# 3259  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion:105 Resp: 182305  
Ion Ratio Lower Upper  
105 100  
120 26.1 19.3 35.9

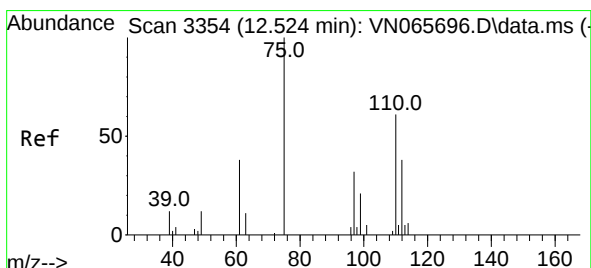
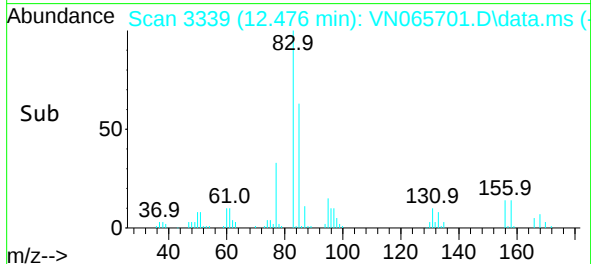
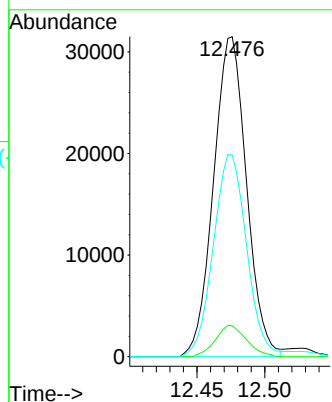
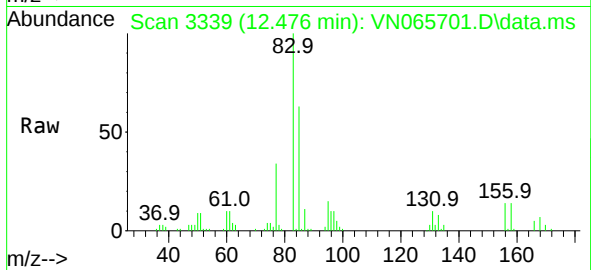




#71  
1,1,2,2-Tetrachloroethane  
Concen: 19.85 ug/l  
RT: 12.476 min Scan# 3339  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

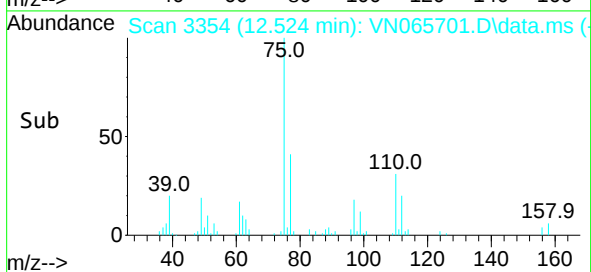
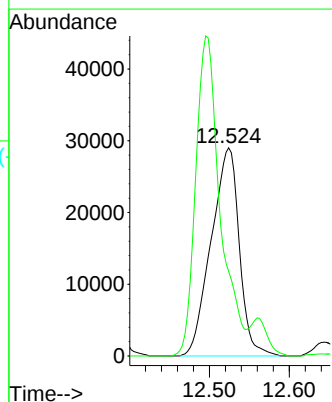
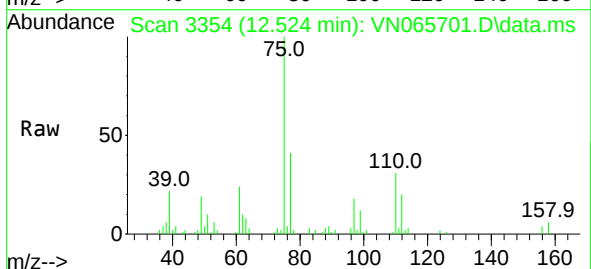
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN020321

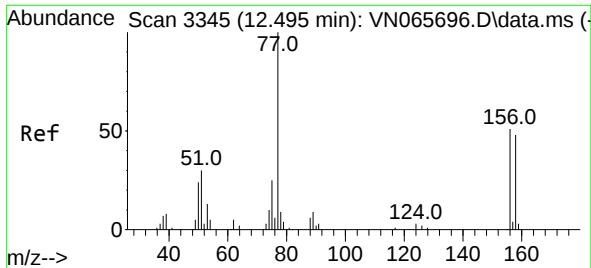
Tgt Ion: 83 Resp: 53184  
Ion Ratio Lower Upper  
83 100  
131 9.3 5.5 16.4  
85 64.0 32.1 96.5



#72  
1,2,3-Trichloropropane  
Concen: 27.02 ug/l  
RT: 12.524 min Scan# 3354  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion: 75 Resp: 70889  
Ion Ratio Lower Upper  
75 100  
77 134.6 0.0 366.4

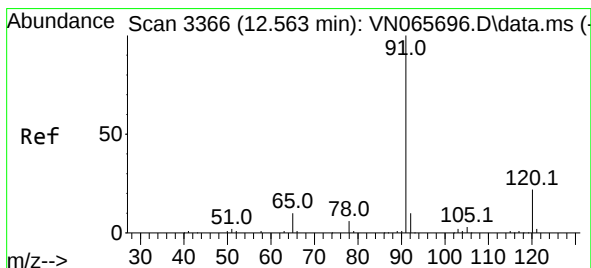
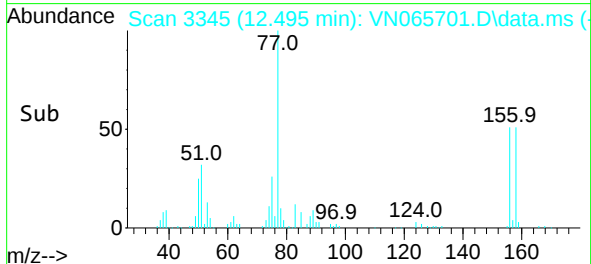
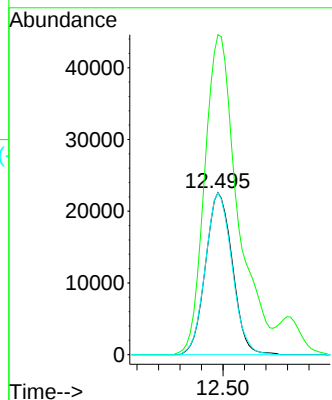
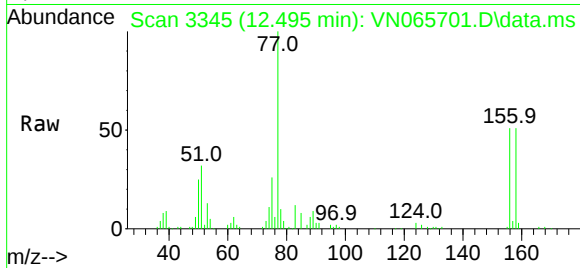




#73  
Bromobenzene  
Concen: 19.05 ug/l  
RT: 12.495 min Scan# 3345  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

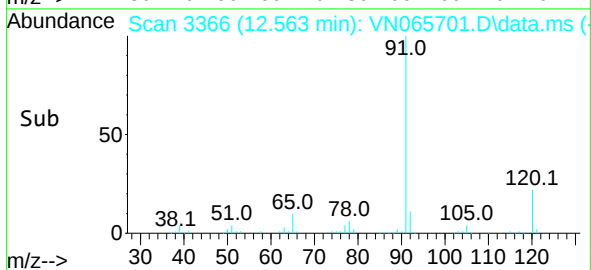
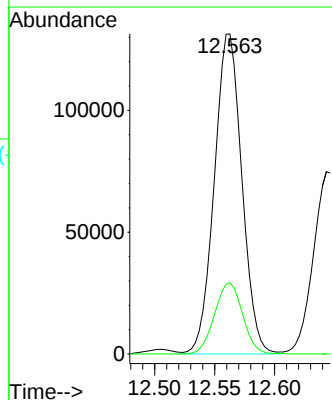
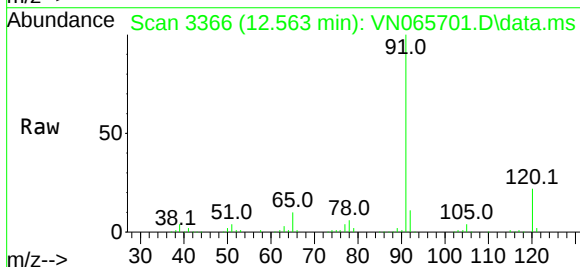
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN020321

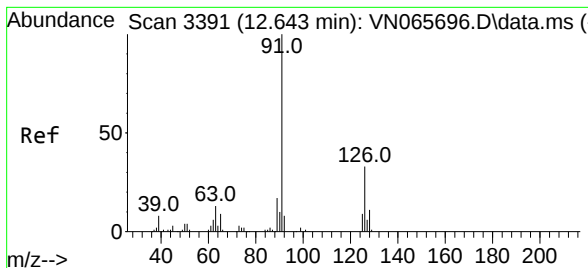
Tgt Ion:156 Resp: 39184  
Ion Ratio Lower Upper  
156 100  
77 243.5 0.0 348.8  
158 99.4 0.0 194.8



#74  
n-propylbenzene  
Concen: 19.90 ug/l  
RT: 12.563 min Scan# 3366  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion: 91 Resp: 210030  
Ion Ratio Lower Upper  
91 100  
120 22.5 0.0 49.4

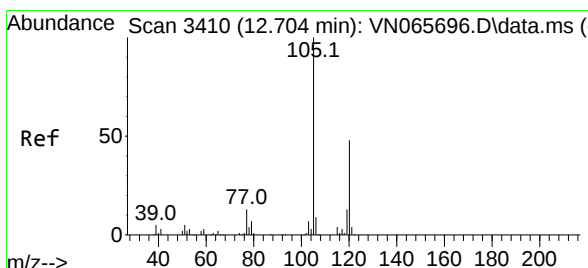
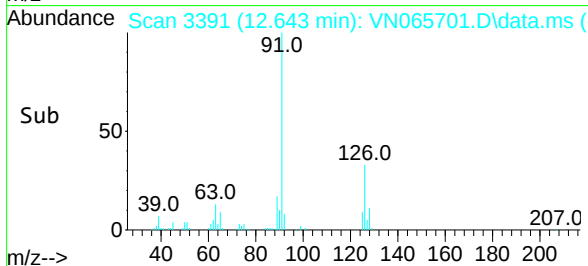
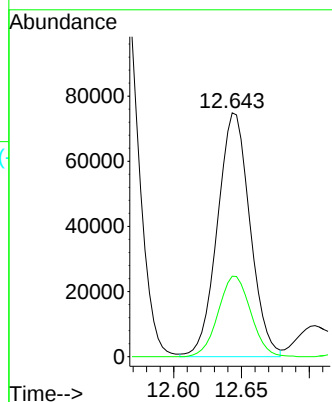
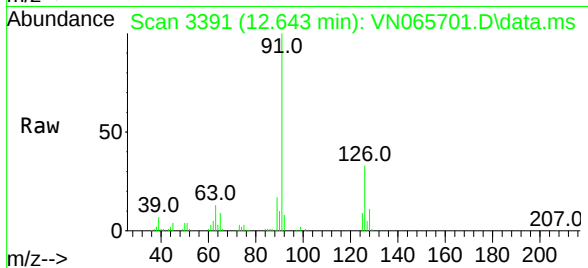




#75  
2-Chlorotoluene  
Concen: 19.58 ug/l  
RT: 12.643 min Scan# 3391  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

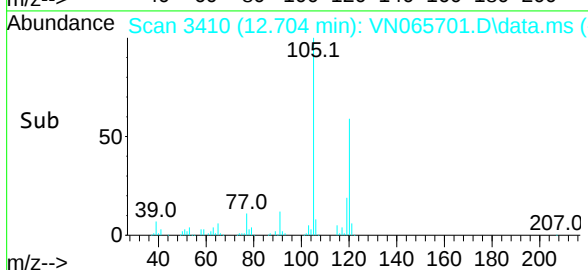
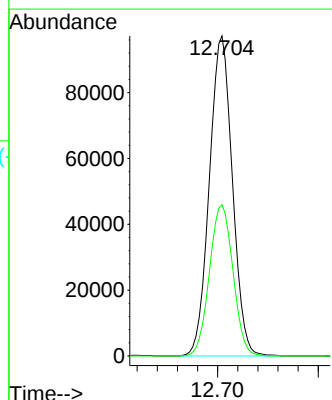
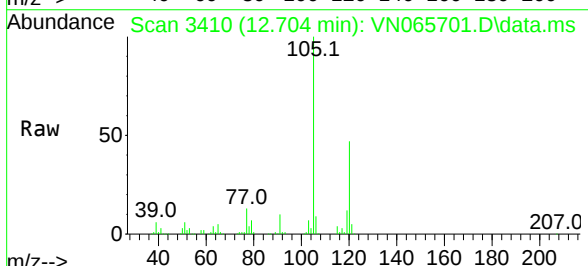
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN020321

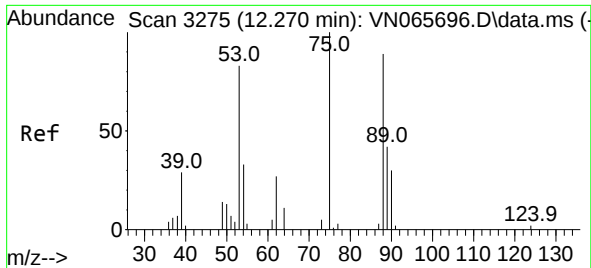
Tgt Ion: 91 Resp: 125207  
Ion Ratio Lower Upper  
91 100  
126 32.9 0.0 74.2



#76  
1,3,5-Trimethylbenzene  
Concen: 20.20 ug/l  
RT: 12.704 min Scan# 3410  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion: 105 Resp: 154452  
Ion Ratio Lower Upper  
105 100  
120 48.2 0.0 101.6

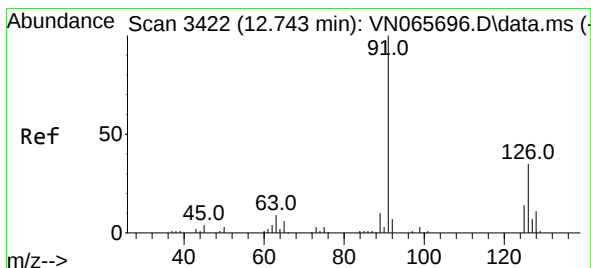
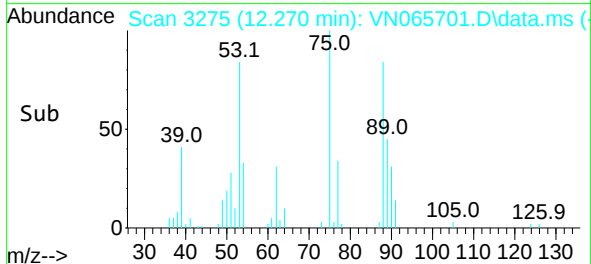
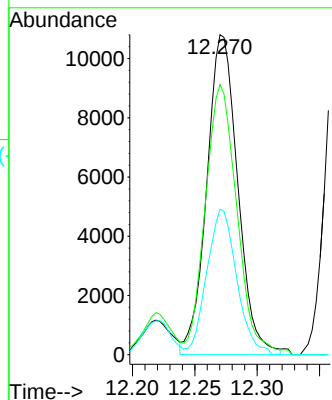
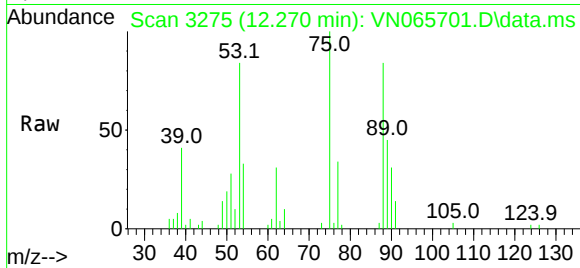




#77  
t-1,4-Dichloro-2-butene  
Concen: 18.21 ug/l  
RT: 12.270 min Scan# 3275  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

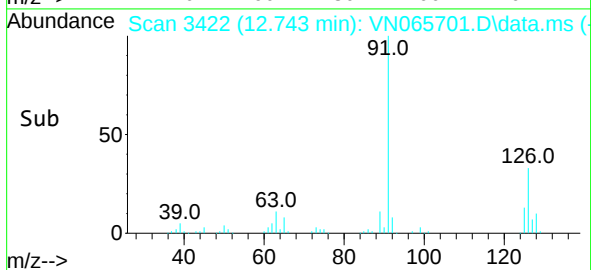
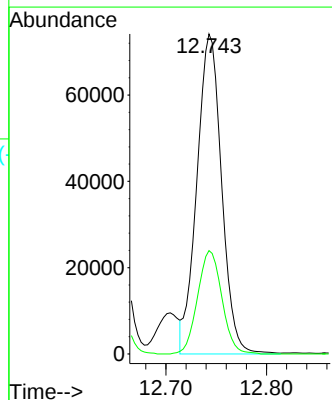
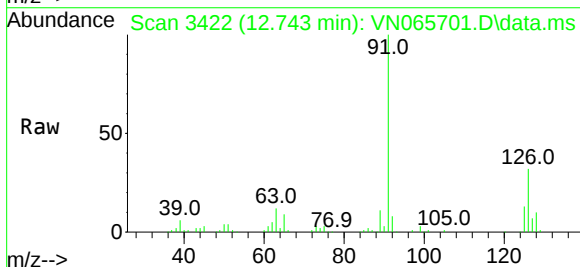
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN020321

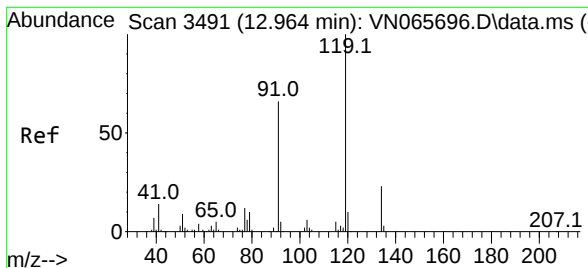
Tgt Ion: 75 Resp: 18653  
Ion Ratio Lower Upper  
75 100  
53 84.4 44.9 134.5  
89 46.3 21.3 64.0



#78  
4-Chlorotoluene  
Concen: 19.89 ug/l  
RT: 12.743 min Scan# 3422  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion: 91 Resp: 126525  
Ion Ratio Lower Upper  
91 100  
126 31.7 0.0 71.4

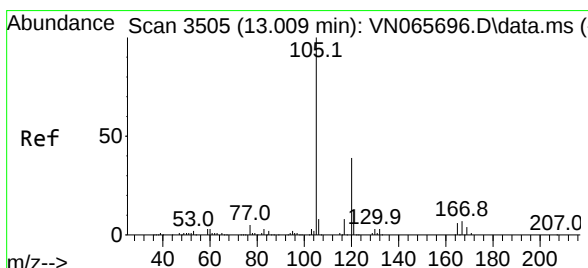
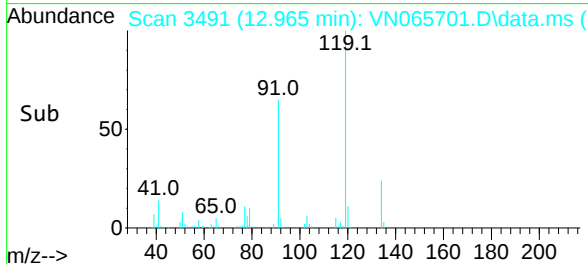
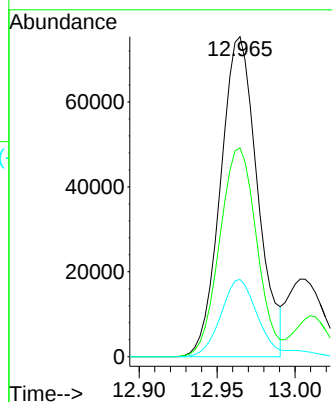
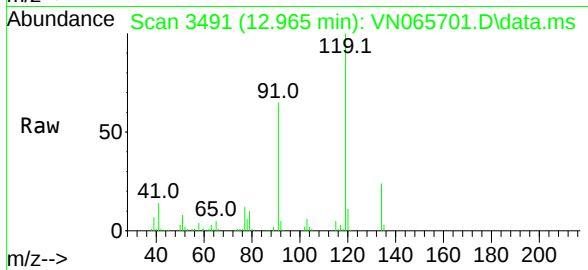




#79  
tert-butylbenzene  
Concen: 19.63 ug/l  
RT: 12.965 min Scan# 3491  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

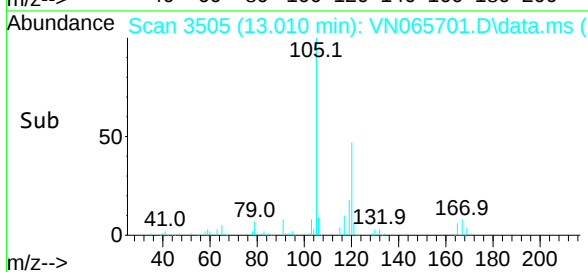
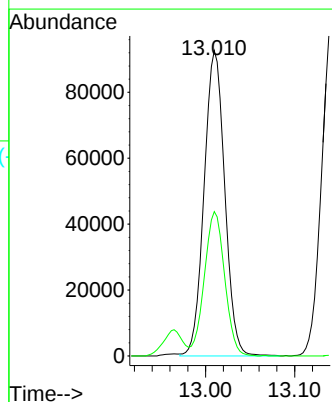
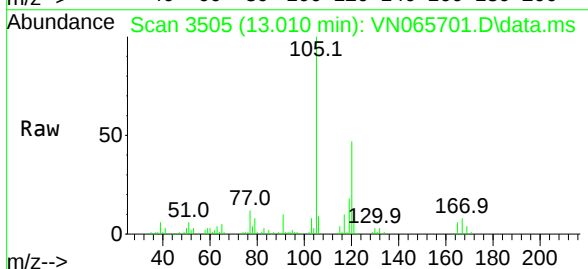
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN020321

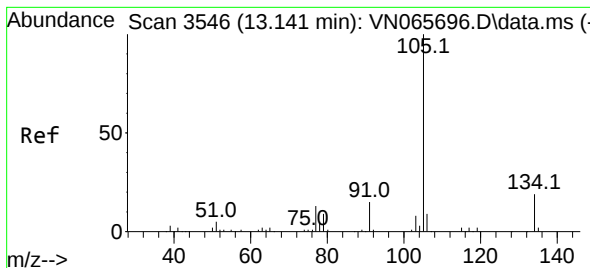
Tgt Ion:119 Resp: 123970  
Ion Ratio Lower Upper  
119 100  
91 66.1 0.0 126.0  
134 23.8 0.0 51.2



#80  
1,2,4-Trimethylbenzene  
Concen: 19.47 ug/l  
RT: 13.010 min Scan# 3505  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion:105 Resp: 149040  
Ion Ratio Lower Upper  
105 100  
120 46.5 0.0 93.6

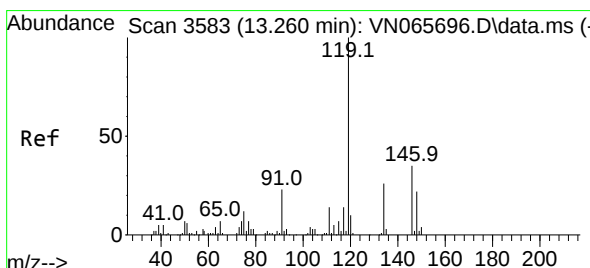
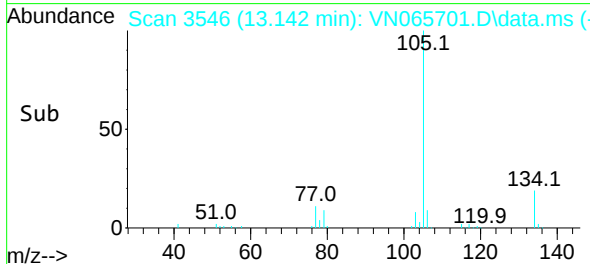
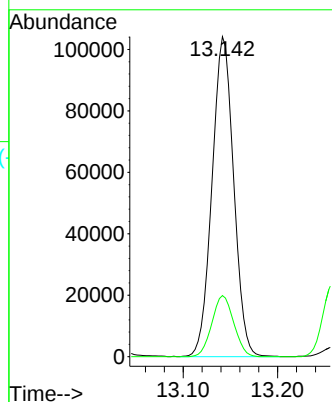
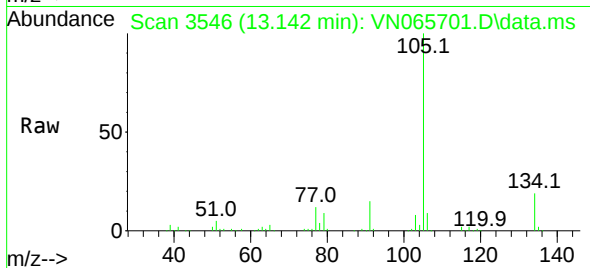




#81  
 sec-Butylbenzene  
 Concen: 19.64 ug/l  
 RT: 13.142 min Scan# 3546  
 Delta R.T. 0.000 min  
 Lab File: VN065701.D  
 Acq: 3 Feb 2021 15:16

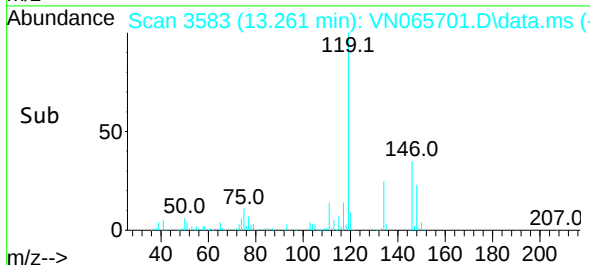
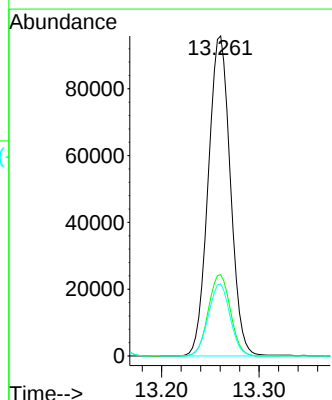
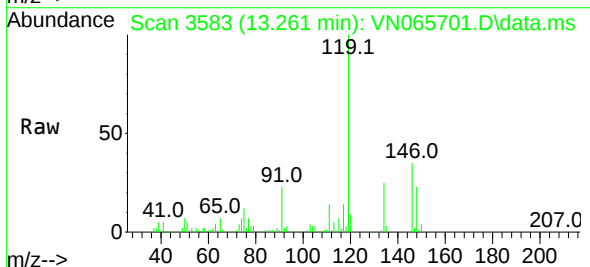
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN020321

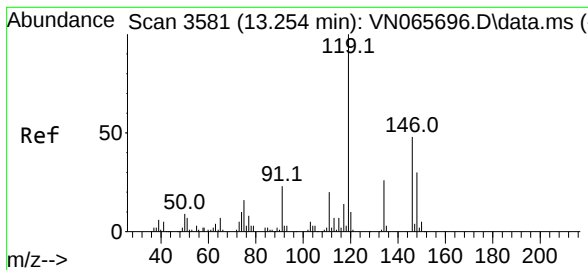
Tgt Ion:105 Resp: 165600  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 0.0 42.2



#82  
 p-Isopropyltoluene  
 Concen: 20.13 ug/l  
 RT: 13.261 min Scan# 3583  
 Delta R.T. 0.000 min  
 Lab File: VN065701.D  
 Acq: 3 Feb 2021 15:16

Tgt Ion:119 Resp: 151171  
 Ion Ratio Lower Upper  
 119 100  
 134 25.3 0.0 54.8  
 91 22.2 0.0 44.8

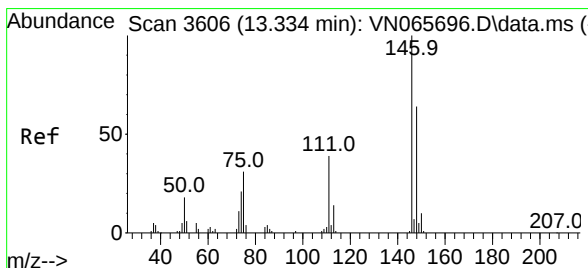
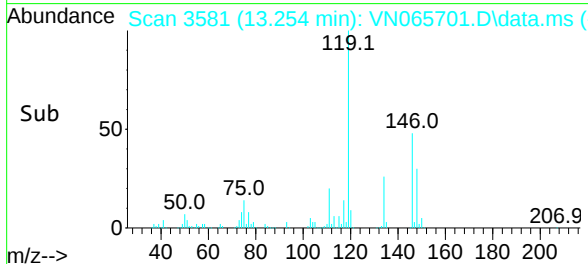
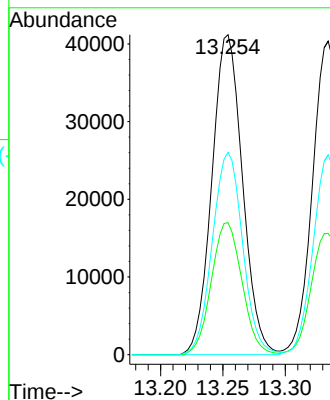
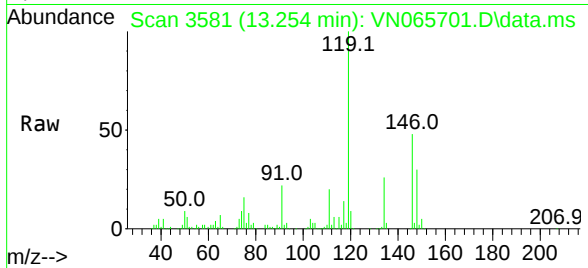




#83  
1,3-Dichlorobenzene  
Concen: 19.57 ug/l  
RT: 13.254 min Scan# 3581  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

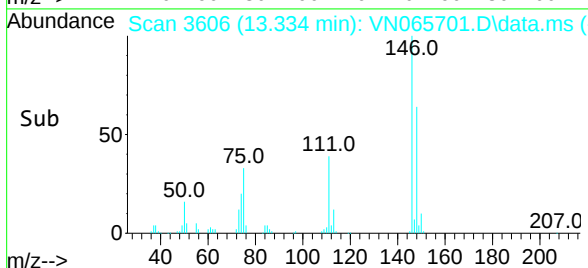
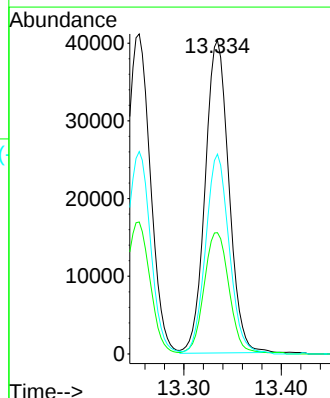
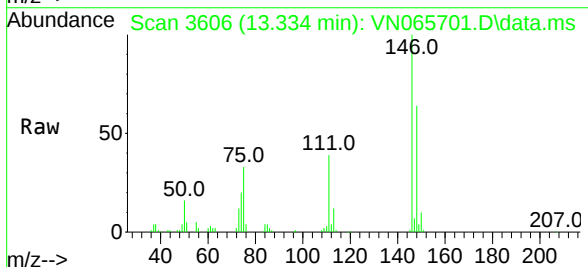
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN020321

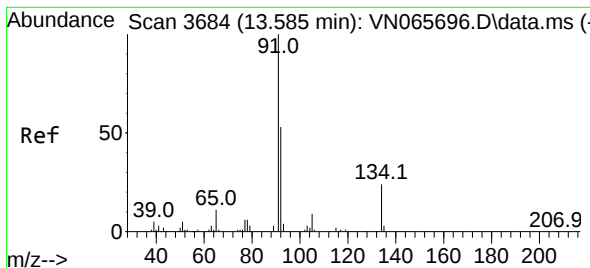
Tgt Ion:146 Resp: 70446  
Ion Ratio Lower Upper  
146 100  
111 41.3 18.6 55.8  
148 62.7 32.0 96.2



#84  
1,4-Dichlorobenzene  
Concen: 19.28 ug/l  
RT: 13.334 min Scan# 3606  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion:146 Resp: 68048  
Ion Ratio Lower Upper  
146 100  
111 41.0 17.9 53.7  
148 63.8 31.8 95.4

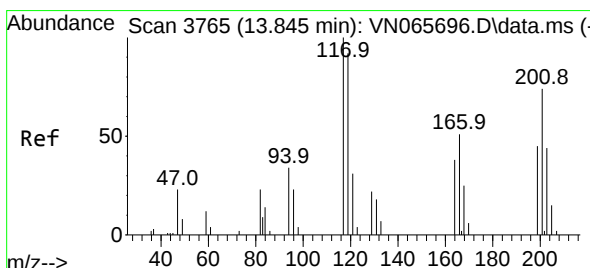
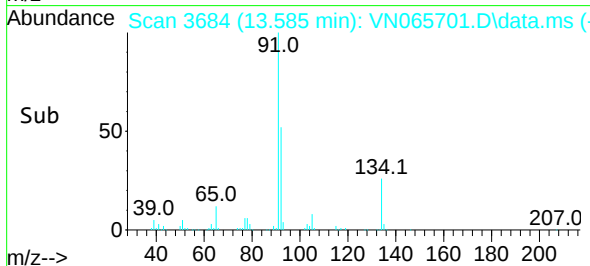
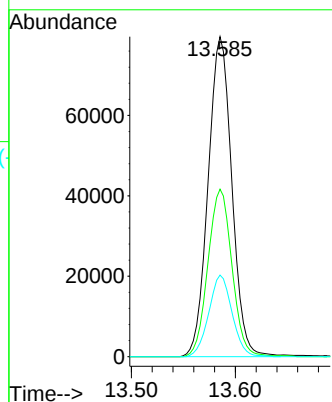
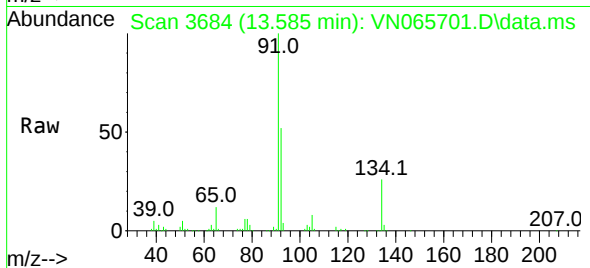




#85  
n-Butylbenzene  
Concen: 19.28 ug/l  
RT: 13.585 min Scan# 3684  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

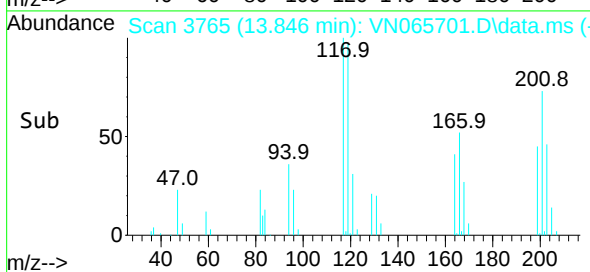
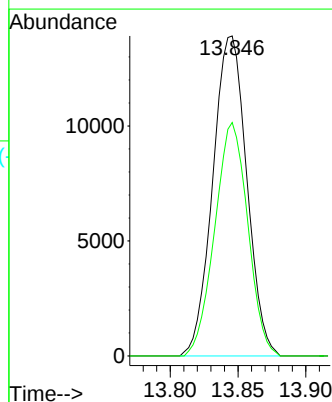
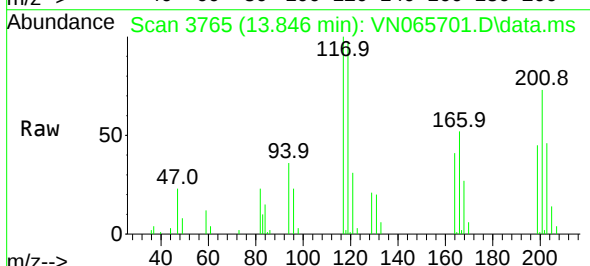
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN020321

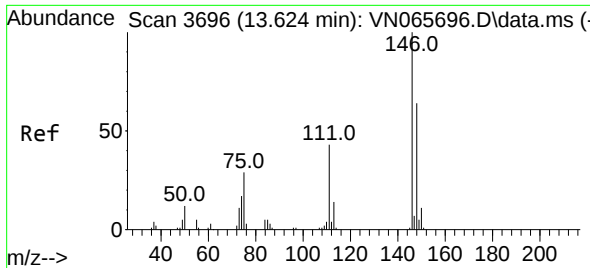
Tgt Ion: 91 Resp: 126296  
Ion Ratio Lower Upper  
91 100  
92 53.1 0.0 104.8  
134 25.0 0.0 55.8



#86  
Hexachloroethane  
Concen: 18.63 ug/l  
RT: 13.846 min Scan# 3765  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion: 117 Resp: 24286  
Ion Ratio Lower Upper  
117 100  
201 70.8 48.4 145.3

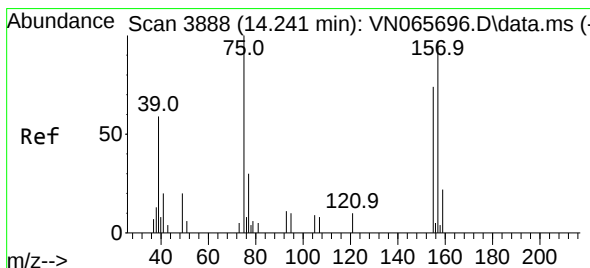
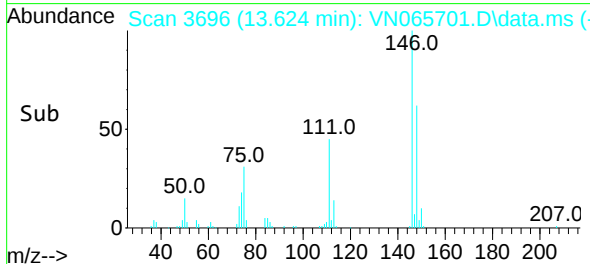
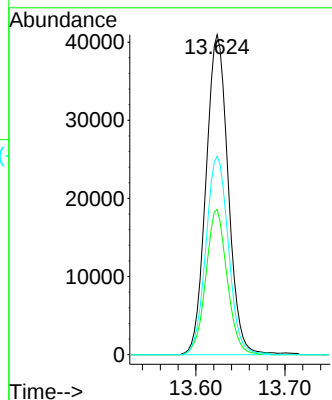
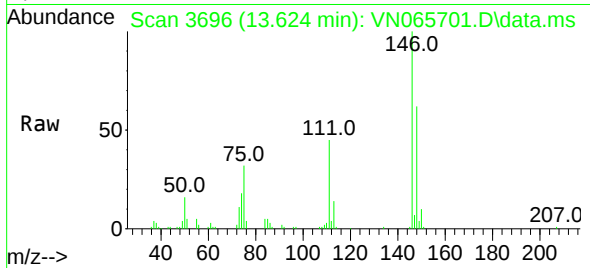




#87  
1,2-Dichlorobenzene  
Concen: 19.69 ug/l  
RT: 13.624 min Scan# 3696  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

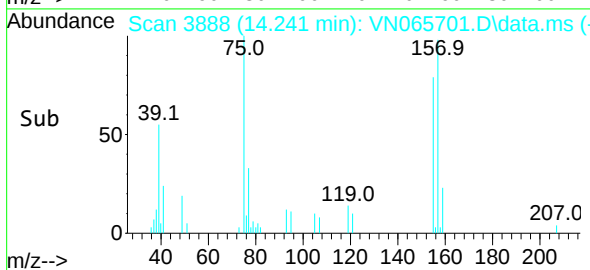
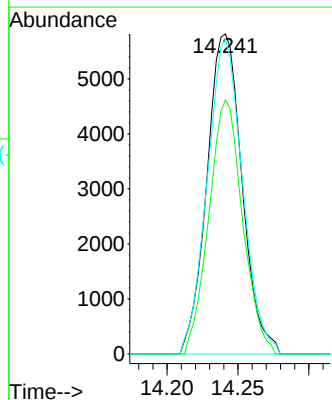
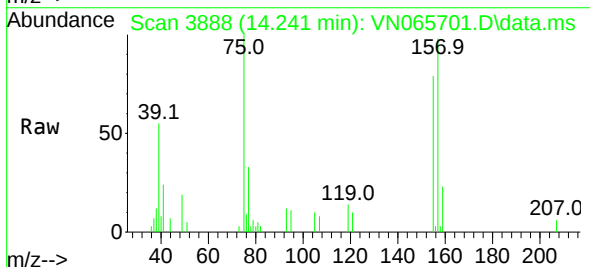
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN020321

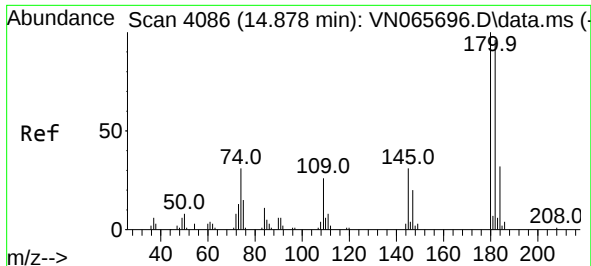
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 70821 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 43.6  | 18.9  | 56.9  |
| 148       | 63.0  | 32.3  | 96.8  |



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 19.46 ug/l  
RT: 14.241 min Scan# 3888  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 10047  |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 155       | 75.9  | 76.9  | 115.3# |
| 157       | 98.6  | 105.8 | 158.8# |

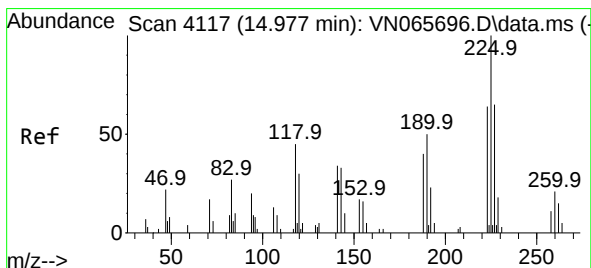
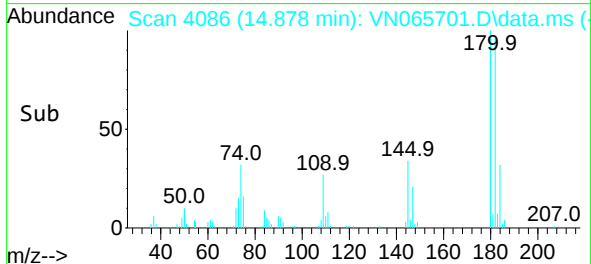
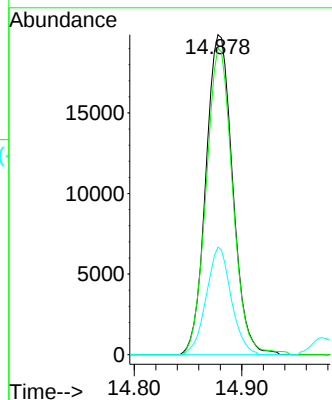
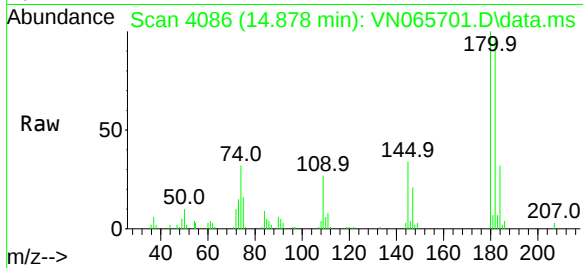




#89  
1,2,4-Trichlorobenzene  
Concen: 18.28 ug/l  
RT: 14.878 min Scan# 4086  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

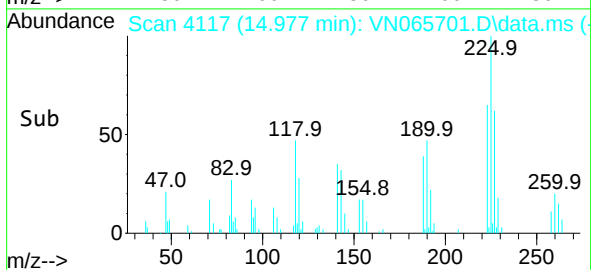
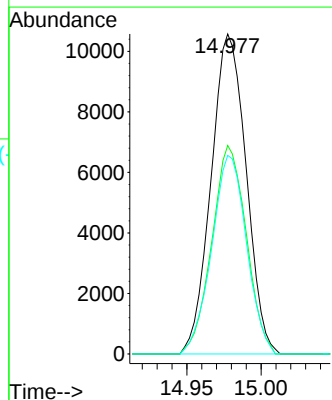
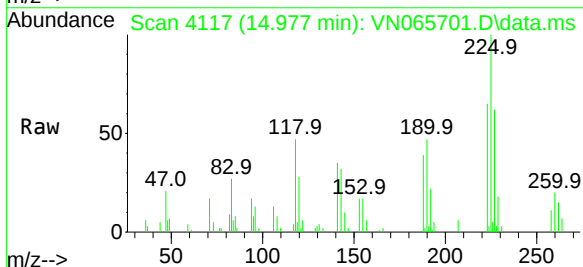
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN020321

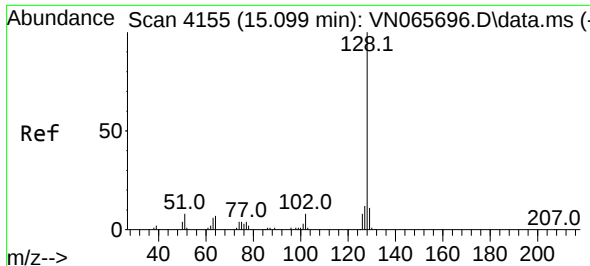
Tgt Ion:180 Resp: 34284  
Ion Ratio Lower Upper  
180 100  
182 95.0 78.5 117.7  
145 31.4 23.8 35.6



#90  
Hexachlorobutadiene  
Concen: 20.39 ug/l  
RT: 14.977 min Scan# 4117  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion:225 Resp: 17341  
Ion Ratio Lower Upper  
225 100  
223 64.1 0.0 122.0  
227 61.7 0.0 126.4

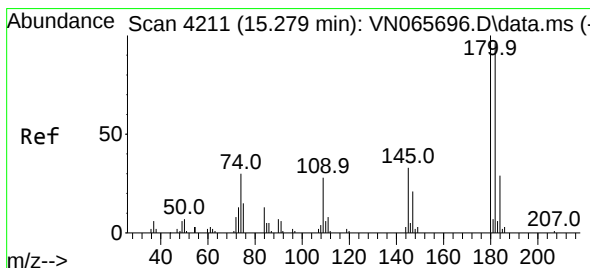
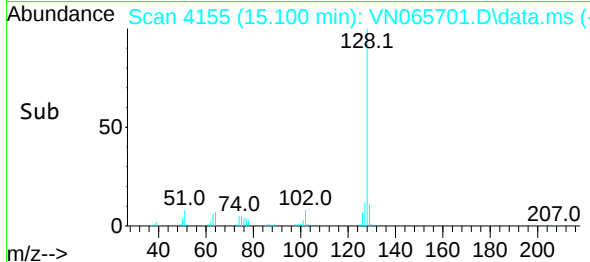
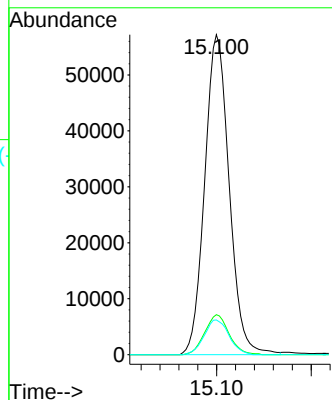
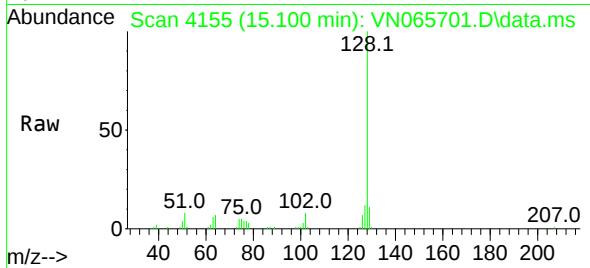




#91  
Naphthalene  
Concen: 17.10 ug/l  
RT: 15.100 min Scan# 4155  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN020321

Tgt Ion:128 Resp: 102690  
Ion Ratio Lower Upper  
128 100  
127 12.4 10.1 15.1  
129 11.0 8.6 12.8



#92  
1,2,3-Trichlorobenzene  
Concen: 18.54 ug/l  
RT: 15.280 min Scan# 4211  
Delta R.T. 0.000 min  
Lab File: VN065701.D  
Acq: 3 Feb 2021 15:16

Tgt Ion:180 Resp: 34879  
Ion Ratio Lower Upper  
180 100  
182 92.3 0.0 190.4  
145 31.8 0.0 57.8

