

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN021021\  
 Data File : VN065805.D  
 Acq On : 10 Feb 2021 19:16  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Feb 11 01:26:56 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N012521W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jan 25 13:47:28 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.621  | 168  | 128160   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.547  | 114  | 217985   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.376 | 117  | 196637   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.312 | 152  | 92361    | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 7.987  | 65    | 72629    | 43.08    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 86.16%  |
| 35) Dibromofluoromethane    | 7.547  | 113   | 66361    | 51.37    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 102.74% |
| 50) Toluene-d8              | 10.055 | 98    | 248808   | 49.00    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 98.00%  |
| 62) 4-Bromofluorobenzene    | 12.370 | 95    | 94724    | 51.80    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 103.60% |

|                              |       |     |         |        |          |
|------------------------------|-------|-----|---------|--------|----------|
| Target Compounds             |       |     |         |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.837 | 85  | 84631   | 58.95  | ug/l 98  |
| 3) Chloromethane             | 2.039 | 50  | 109708  | 52.00  | ug/l 100 |
| 4) Vinyl Chloride            | 2.168 | 62  | 115152  | 53.90  | ug/l 99  |
| 5) Bromomethane              | 2.528 | 94  | 51633   | 41.75  | ug/l 99  |
| 6) Chloroethane              | 2.676 | 64  | 65186   | 52.75  | ug/l 98  |
| 7) Trichlorofluoromethane    | 2.991 | 101 | 127703  | 57.18  | ug/l 98  |
| 8) Diethyl Ether             | 3.377 | 74  | 54143   | 50.85  | ug/l 97  |
| 9) 1,1,2-Trichlorotrifluo... | 3.711 | 101 | 77201   | 56.96  | ug/l 99  |
| 10) Methyl Iodide            | 3.904 | 142 | 94766   | 47.70  | ug/l 97  |
| 11) Tert butyl alcohol       | 4.759 | 59  | 56647   | 179.36 | ug/l 99  |
| 12) 1,1-Dichloroethene       | 3.692 | 96  | 80560   | 51.64  | ug/l 98  |
| 13) Acrolein                 | 3.566 | 56  | 50268   | 188.94 | ug/l 96  |
| 14) Allyl chloride           | 4.271 | 41  | 128911  | 44.57  | ug/l 91  |
| 15) Acrylonitrile            | 4.933 | 53  | 192394  | 233.84 | ug/l 98  |
| 16) Acetone                  | 3.779 | 43  | 139585  | 212.66 | ug/l 97  |
| 17) Carbon Disulfide         | 4.001 | 76  | 233592  | 47.56  | ug/l 98  |
| 18) Methyl Acetate           | 4.280 | 43  | 81079   | 44.08  | ug/l 99  |
| 19) Methyl tert-butyl Ether  | 5.000 | 73  | 247063  | 47.44  | ug/l 98  |
| 20) Methylene Chloride       | 4.496 | 84  | 91994   | 50.61  | ug/l 96  |
| 21) trans-1,2-Dichloroethene | 4.981 | 96  | 84846   | 51.17  | ug/l 97  |
| 22) Diisopropyl ether        | 5.907 | 45  | 263516  | 44.57  | ug/l 96  |
| 23) Vinyl Acetate            | 5.846 | 43  | 1048005 | 221.91 | ug/l 100 |
| 24) 1,1-Dichloroethane       | 5.795 | 63  | 155629  | 49.39  | ug/l 99  |
| 25) 2-Butanone               | 6.795 | 43  | 226769  | 220.33 | ug/l 98  |
| 26) 2,2-Dichloropropane      | 6.772 | 77  | 110931  | 43.98  | ug/l 99  |
| 27) cis-1,2-Dichloroethene   | 6.779 | 96  | 98965   | 52.09  | ug/l 99  |
| 28) Bromochloromethane       | 7.148 | 49  | 49646   | 37.49  | ug/l 95  |
| 29) Tetrahydrofuran          | 7.171 | 42  | 157377  | 210.82 | ug/l 100 |
| 30) Chloroform               | 7.328 | 83  | 147342  | 50.76  | ug/l 100 |
| 31) Cyclohexane              | 7.608 | 56  | 144232  | 45.48  | ug/l 98  |
| 32) 1,1,1-Trichloroethane    | 7.524 | 97  | 121034  | 51.22  | ug/l 99  |
| 36) 1,1-Dichloropropene      | 7.750 | 75  | 117949  | 53.77  | ug/l 100 |
| 37) Ethyl Acetate            | 6.885 | 43  | 101059  | 48.02  | ug/l 97  |
| 38) Carbon Tetrachloride     | 7.730 | 117 | 101996  | 56.48  | ug/l 99  |
| 39) Methylcyclohexane        | 9.042 | 83  | 139538  | 52.14  | ug/l 98  |
| 40) Benzene                  | 8.000 | 78  | 366895  | 54.77  | ug/l 99  |

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 Quant Title : SW846 8260  
 QLast Update : Mon Jan 25 13:47:28 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.123  | 41   | 47000    | 41.60  | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.084  | 62   | 108365   | 53.66  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.129  | 43   | 164943   | 44.20  | ug/l   | 94       |
| 44) Trichloroethene           | 8.798  | 130  | 95192    | 58.57  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.084  | 63   | 95677    | 51.91  | ug/l   | 98       |
| 46) Dibromomethane            | 9.171  | 93   | 57016    | 56.00  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.367  | 83   | 112784   | 51.64  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.164  | 41   | 80029    | 45.21  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.168  | 88   | 26207    | 914.87 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone      | 9.952  | 43   | 494798   | 240.52 | ug/l   | 98       |
| 52) Toluene                   | 10.122 | 92   | 232052   | 58.48  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.351 | 75   | 129533   | 50.92  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.804  | 75   | 146795   | 51.81  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 10.531 | 97   | 86815    | 57.36  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.399 | 69   | 132094   | 52.78  | ug/l # | 92       |
| 57) 1,3-Dichloropropane       | 10.676 | 76   | 149545   | 56.14  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.663  | 63   | 245186   | 212.11 | ug/l   | 98       |
| 59) 2-Hexanone                | 10.720 | 43   | 349186   | 244.49 | ug/l   | 96       |
| 60) Dibromochloromethane      | 10.872 | 129  | 88586    | 57.27  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 10.975 | 107  | 88744    | 58.83  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.598 | 164  | 88668    | 53.81  | ug/l   | 99       |
| 65) Chlorobenzene             | 11.402 | 112  | 244779   | 59.50  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.479 | 131  | 81921    | 56.33  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.479 | 91   | 429279   | 55.55  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.592 | 106  | 330212   | 118.03 | ug/l   | 98       |
| 69) o-Xylene                  | 11.917 | 106  | 160958   | 59.37  | ug/l   | 96       |
| 70) Styrene                   | 11.933 | 104  | 267411   | 59.93  | ug/l   | 99       |
| 71) Bromoform                 | 12.097 | 173  | 56271    | 55.98  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.219 | 105  | 416403   | 51.49  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.042 | 43   | 148843   | 43.51  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.473 | 83   | 119146   | 49.89  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.524 | 75   | 148555   | 61.51  | ug/l # | 100      |
| 77) Bromobenzene              | 12.495 | 156  | 99161    | 56.63  | ug/l   | 90       |
| 78) n-propylbenzene           | 12.560 | 91   | 470528   | 49.37  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.643 | 91   | 280859   | 49.62  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.704 | 105  | 355459   | 51.63  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.270 | 75   | 34367    | 36.45  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 12.743 | 91   | 290205   | 50.22  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 12.962 | 119  | 295916   | 51.54  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.010 | 105  | 356665   | 51.94  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.142 | 105  | 386203   | 49.82  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.257 | 119  | 349557   | 51.07  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.251 | 146  | 175988   | 56.38  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.331 | 146  | 173268   | 54.70  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.585 | 91   | 293952   | 47.81  | ug/l   | 98       |
| 90) Hexachloroethane          | 13.843 | 117  | 54801    | 45.76  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 13.621 | 146  | 171975   | 55.53  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.238 | 75   | 21305    | 44.95  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 14.878 | 180  | 91343    | 48.76  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 14.978 | 225  | 38625    | 50.45  | ug/l   | 98       |
| 95) Naphthalene               | 15.097 | 128  | 284524   | 47.72  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.277 | 180  | 92113    | 49.85  | ug/l   | 99       |

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QLast Update : Mon Jan 25 13:47:28 2021  
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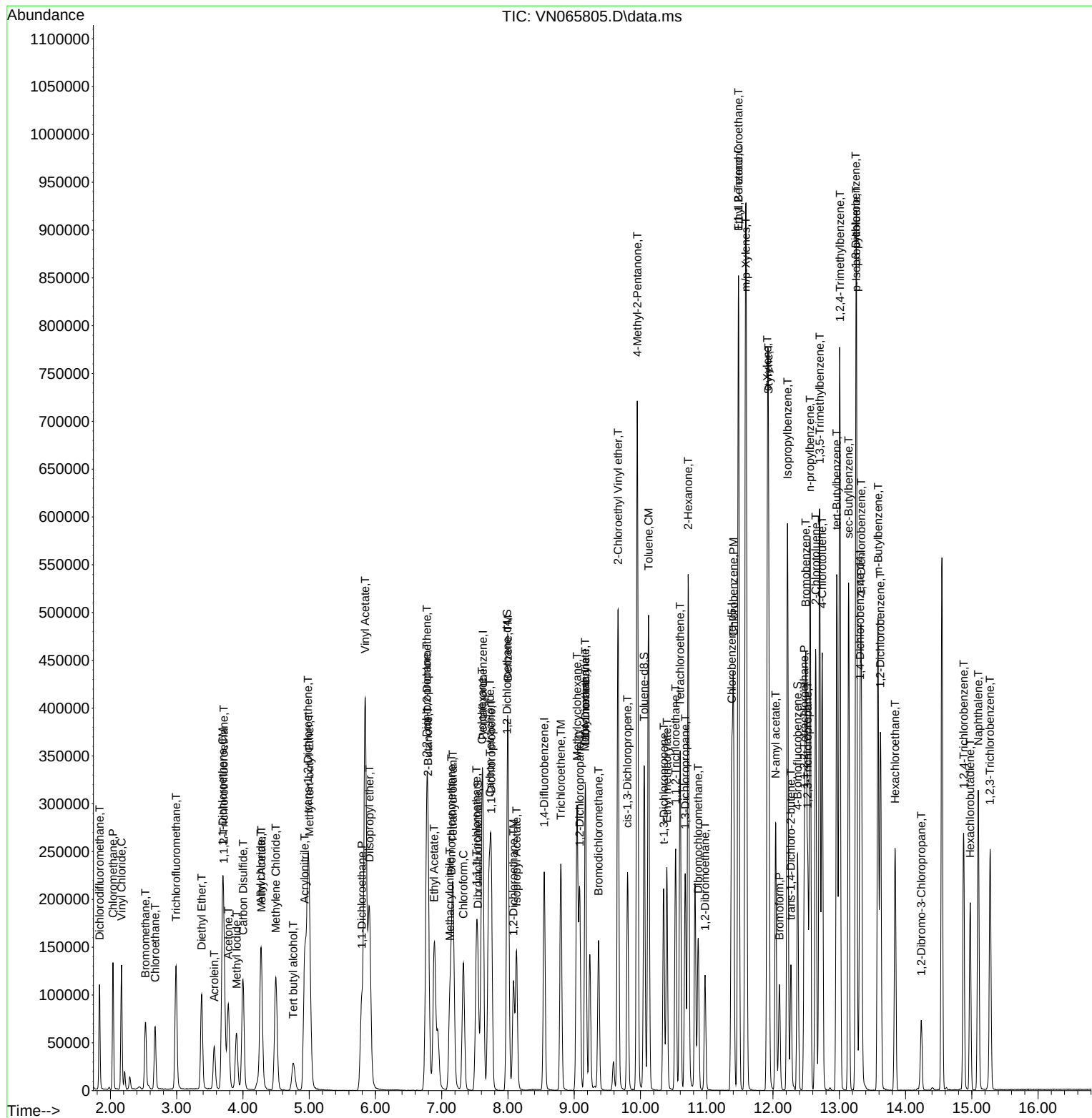
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

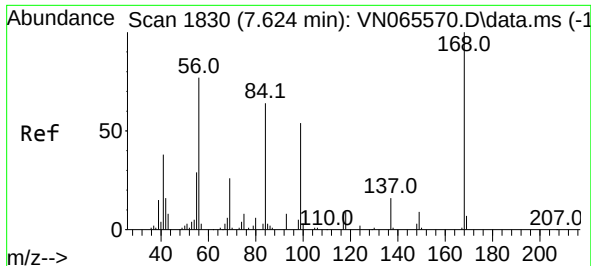
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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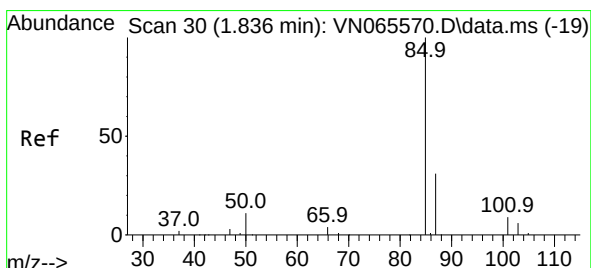
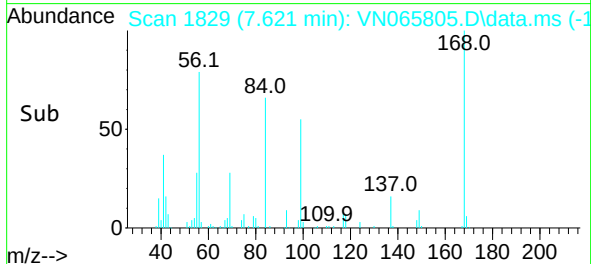
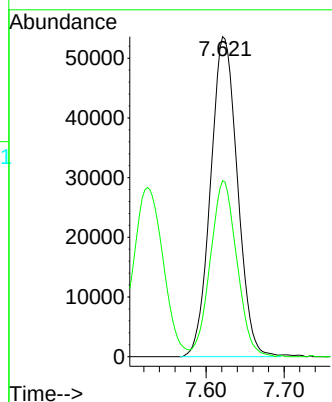
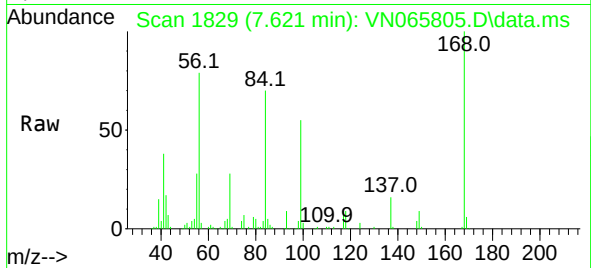




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.621 min Scan# 1829  
Delta R.T. -0.003 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

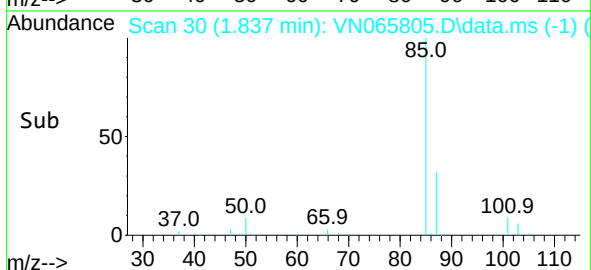
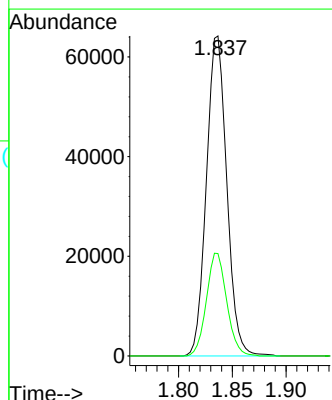
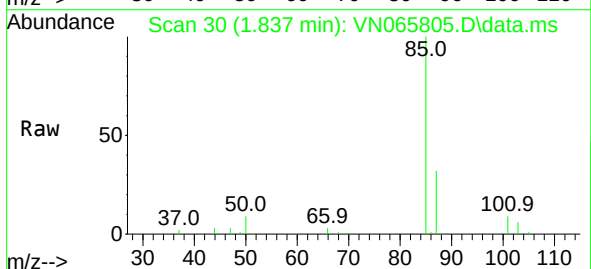
Instrument :  
MSVOA\_N  
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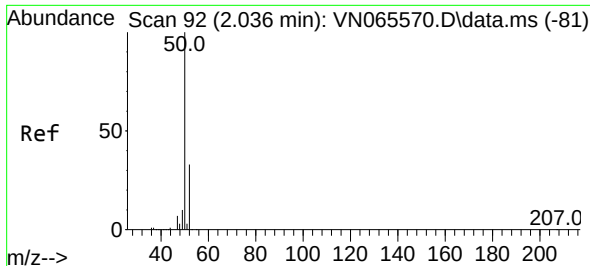
Tgt Ion:168 Resp: 128160  
Ion Ratio Lower Upper  
168 100  
99 54.7 42.6 63.8



#2  
Dichlorodifluoromethane  
Concen: 58.95 ug/l  
RT: 1.837 min Scan# 30  
Delta R.T. 0.001 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion: 85 Resp: 84631  
Ion Ratio Lower Upper  
85 100  
87 32.0 16.6 49.8

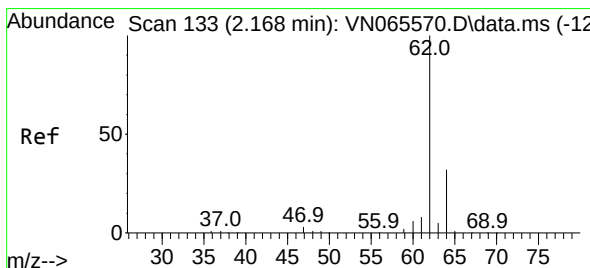
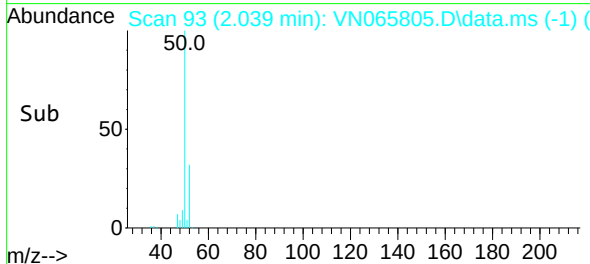
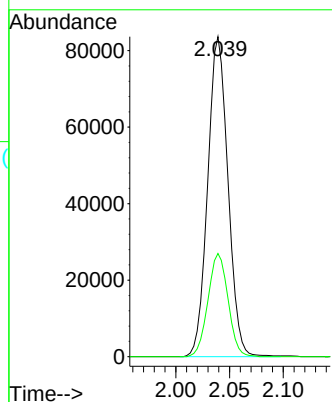
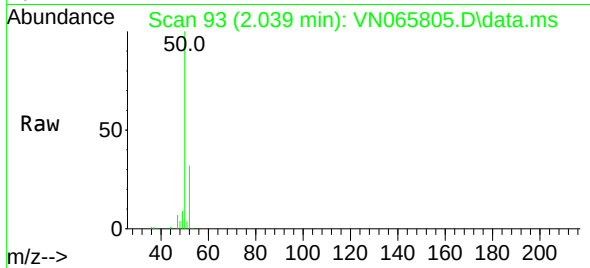




#3  
Chloromethane  
Concen: 52.00 ug/l  
RT: 2.039 min Scan# 93  
Delta R.T. 0.003 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

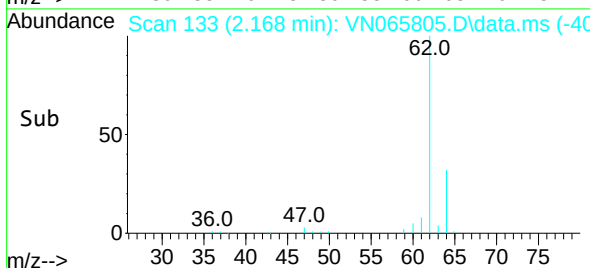
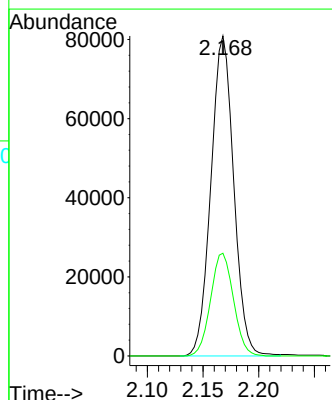
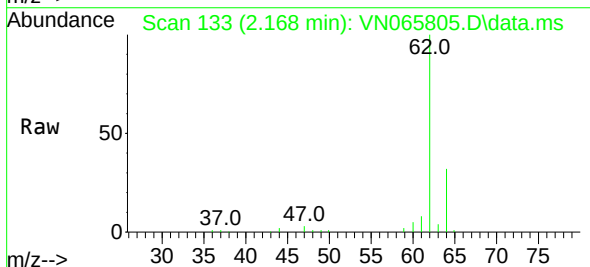
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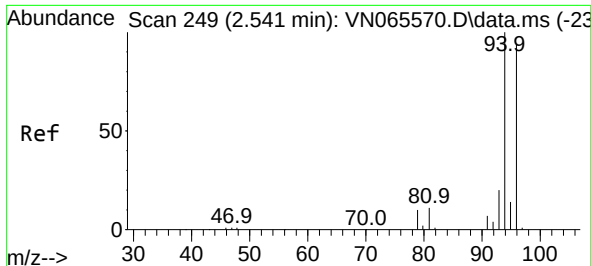
Tgt Ion: 50 Resp: 109708  
Ion Ratio Lower Upper  
50 100  
52 32.2 25.8 38.8



#4  
Vinyl Chloride  
Concen: 53.90 ug/l  
RT: 2.168 min Scan# 133  
Delta R.T. -0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion: 62 Resp: 115152  
Ion Ratio Lower Upper  
62 100  
64 32.1 25.1 37.7

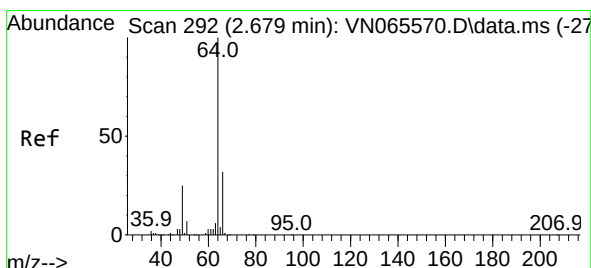
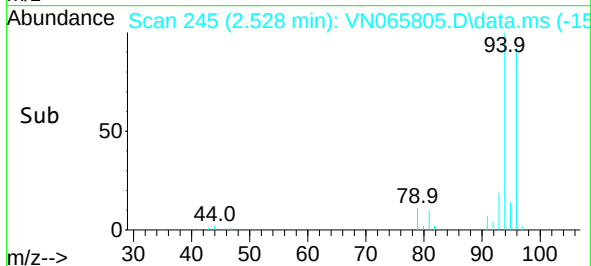
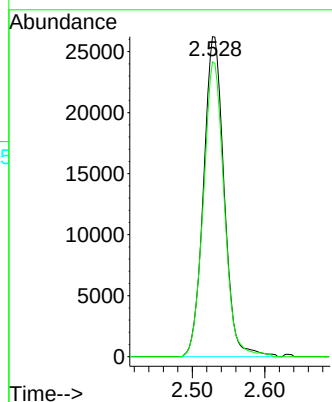
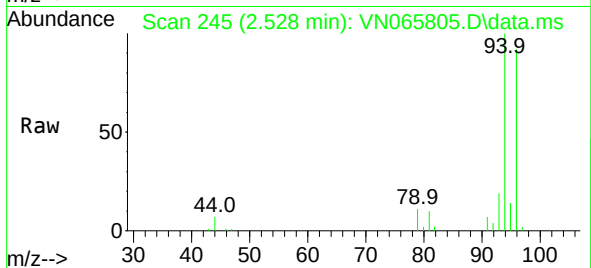




#5  
Bromomethane  
Concen: 41.75 ug/l  
RT: 2.528 min Scan# 245  
Delta R.T. -0.013 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

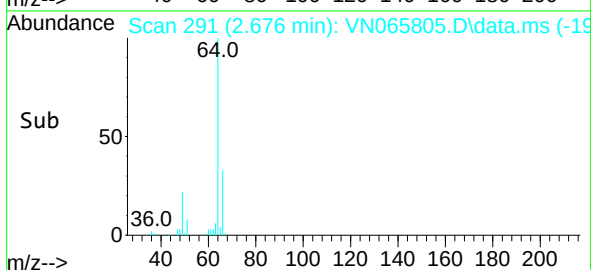
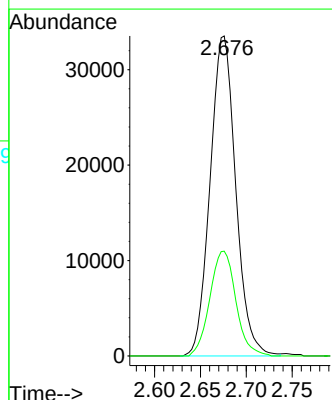
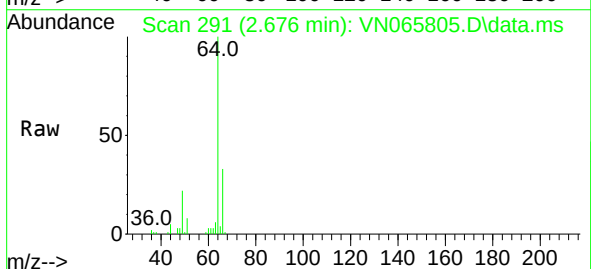
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

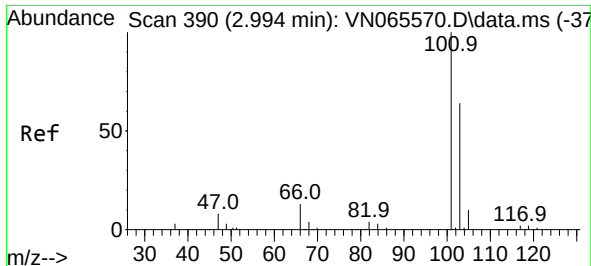
Tgt Ion: 94 Resp: 51633  
Ion Ratio Lower Upper  
94 100  
96 92.2 73.0 109.4



#6  
Chloroethane  
Concen: 52.75 ug/l  
RT: 2.676 min Scan# 291  
Delta R.T. -0.003 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion: 64 Resp: 65186  
Ion Ratio Lower Upper  
64 100  
66 32.7 25.4 38.2

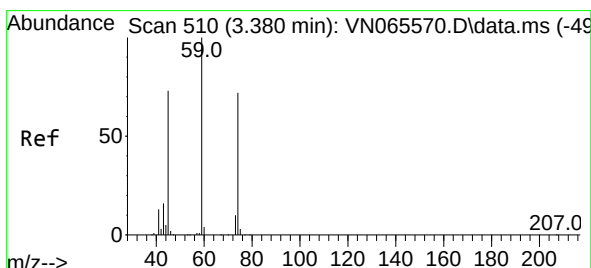
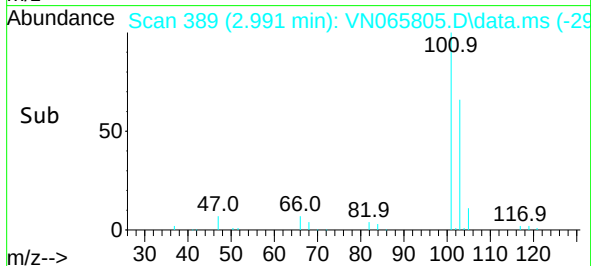
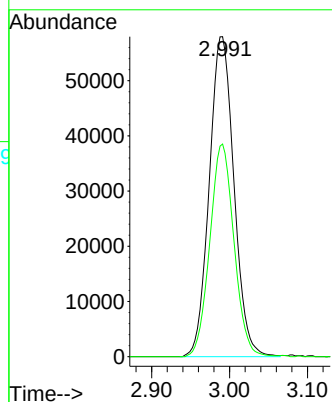
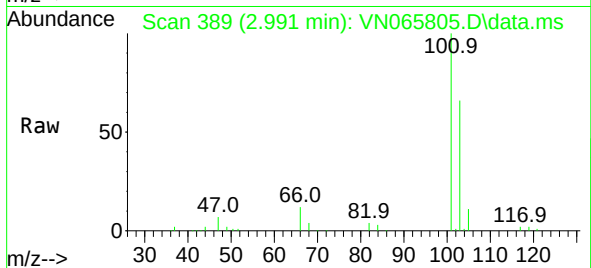




#7  
Trichlorofluoromethane  
Concen: 57.18 ug/l  
RT: 2.991 min Scan# 389  
Delta R.T. -0.003 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

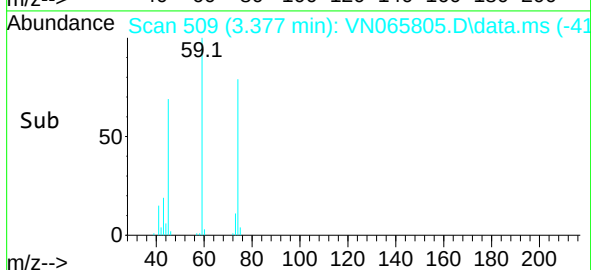
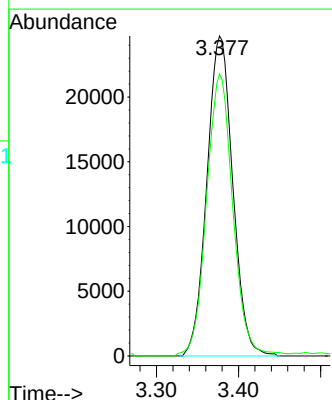
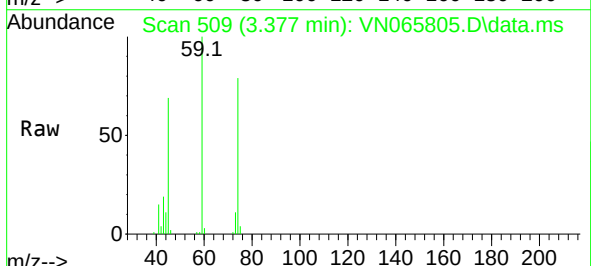
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:101 Resp: 127703  
Ion Ratio Lower Upper  
101 100  
103 66.5 52.1 78.1

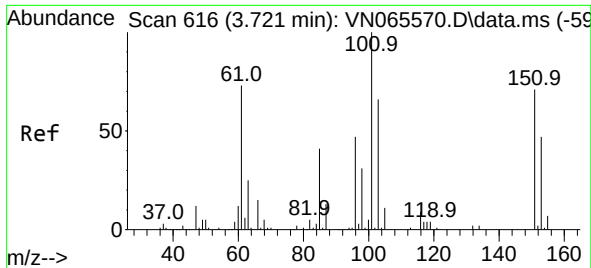


#8  
Diethyl Ether  
Concen: 50.85 ug/l  
RT: 3.377 min Scan# 509  
Delta R.T. -0.003 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion: 74 Resp: 54143  
Ion Ratio Lower Upper  
74 100  
45 89.7 46.4 139.1



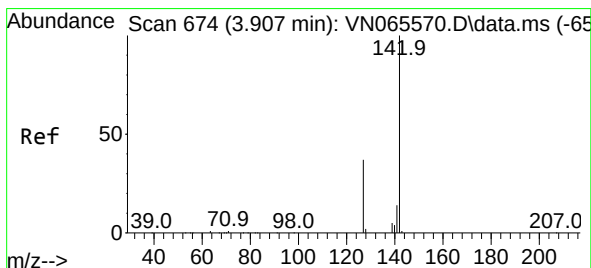
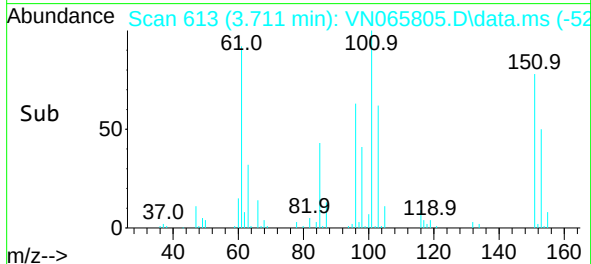
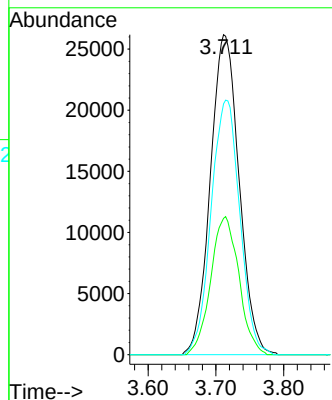
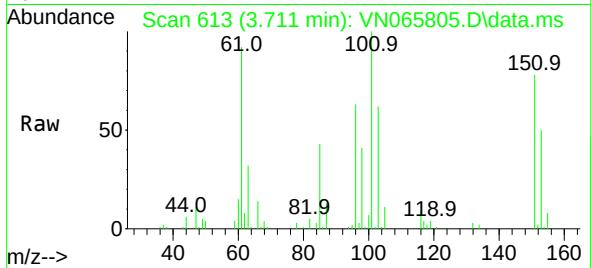




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 56.96 ug/l  
RT: 3.711 min Scan# 613  
Delta R.T. -0.010 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

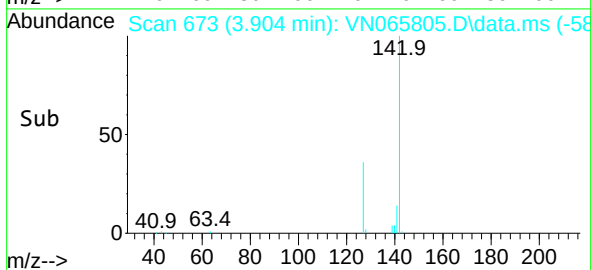
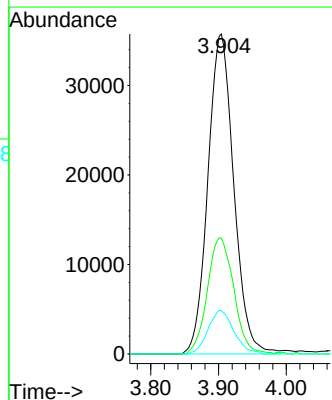
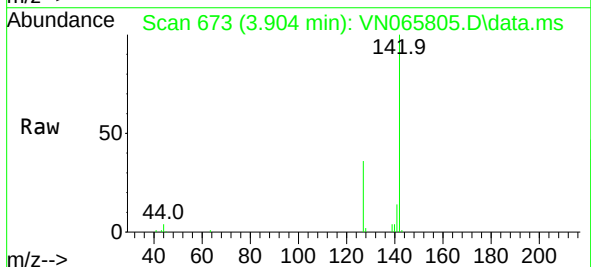
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

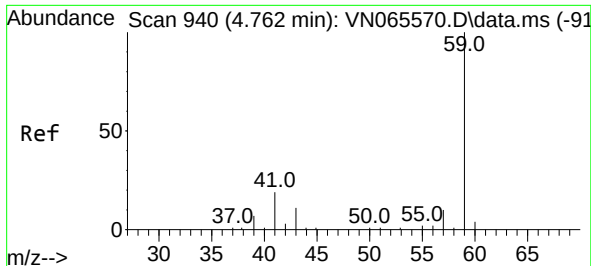
Tgt Ion:101 Resp: 77201  
Ion Ratio Lower Upper  
101 100  
85 42.3 34.6 51.8  
151 79.4 63.5 95.3



#10  
Methyl Iodide  
Concen: 47.70 ug/l  
RT: 3.904 min Scan# 673  
Delta R.T. -0.003 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion:142 Resp: 94766  
Ion Ratio Lower Upper  
142 100  
127 37.0 31.7 47.5  
141 13.6 10.9 16.3

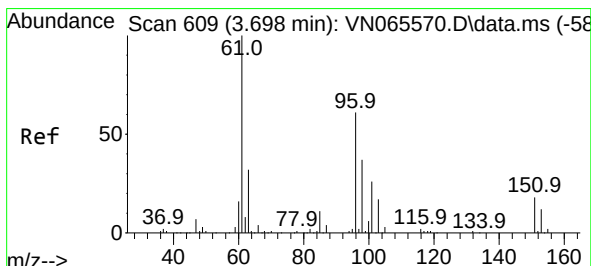
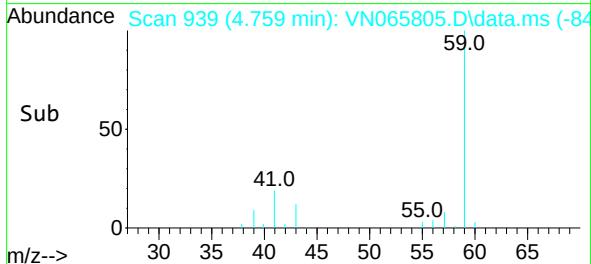
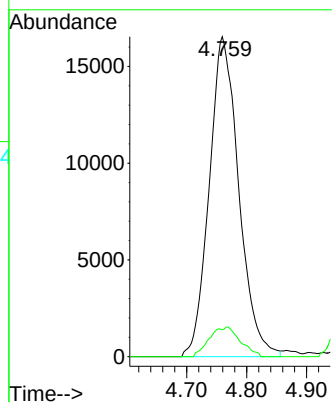
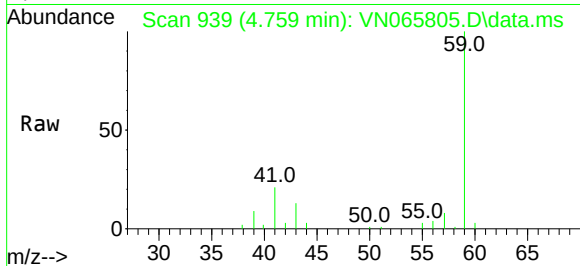




#11  
Tert butyl alcohol  
Concen: 179.36 ug/l  
RT: 4.759 min Scan# 939  
Delta R.T. -0.003 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

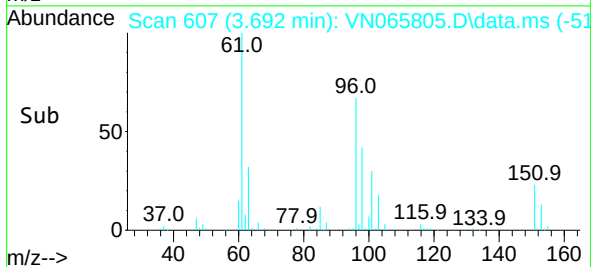
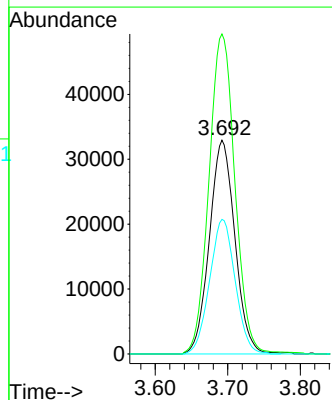
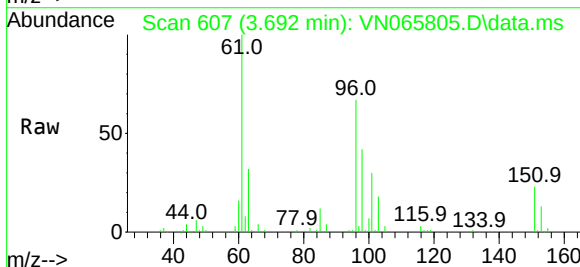
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

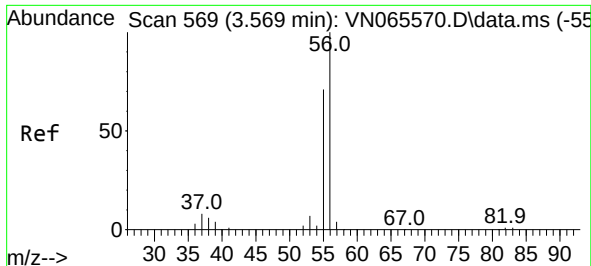
Tgt Ion: 59 Resp: 56647  
Ion Ratio Lower Upper  
59 100  
57 9.7 8.0 12.0



#12  
1,1-Dichloroethene  
Concen: 51.64 ug/l  
RT: 3.692 min Scan# 607  
Delta R.T. -0.006 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion: 96 Resp: 80560  
Ion Ratio Lower Upper  
96 100  
61 149.7 122.5 183.7  
98 63.0 50.8 76.2

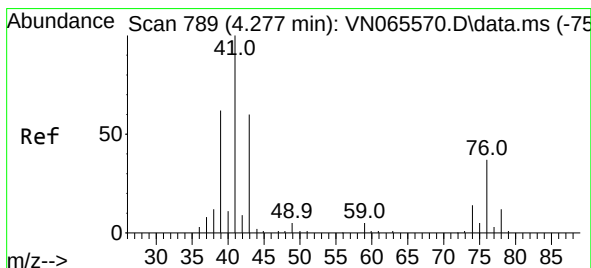
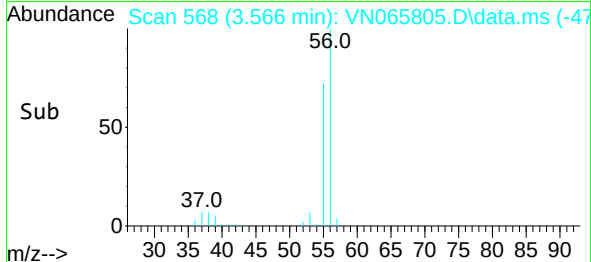
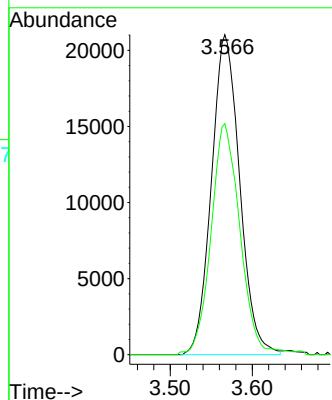
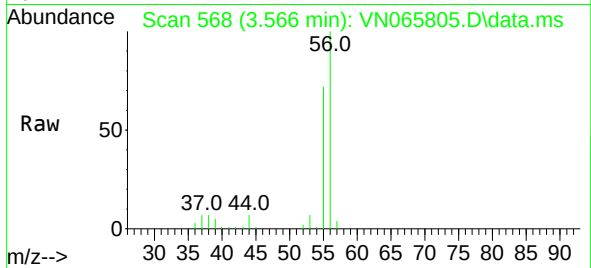




#13  
Acrolein  
Concen: 188.94 ug/l  
RT: 3.566 min Scan# 568  
Delta R.T. -0.003 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

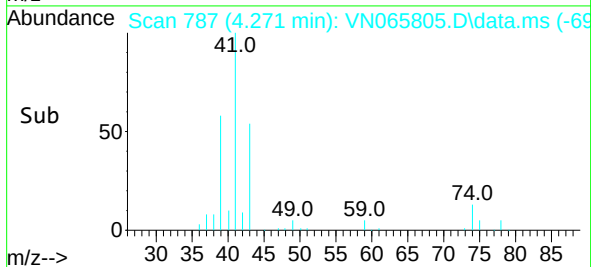
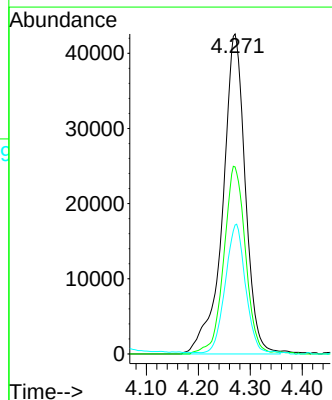
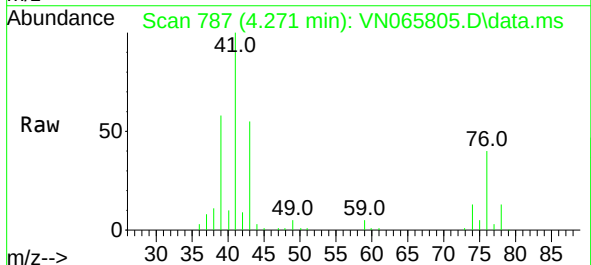
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

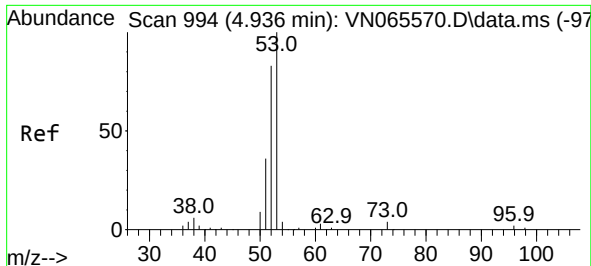
Tgt Ion: 56 Resp: 50268  
Ion Ratio Lower Upper  
56 100  
55 73.7 56.0 84.0



#14  
Allyl chloride  
Concen: 44.57 ug/l  
RT: 4.271 min Scan# 787  
Delta R.T. -0.006 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

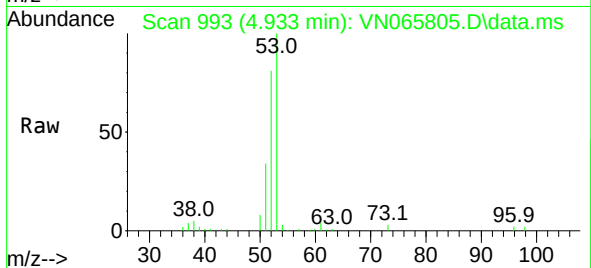
Tgt Ion: 41 Resp: 128911  
Ion Ratio Lower Upper  
41 100  
39 56.0 53.0 79.4  
76 35.4 28.9 43.3



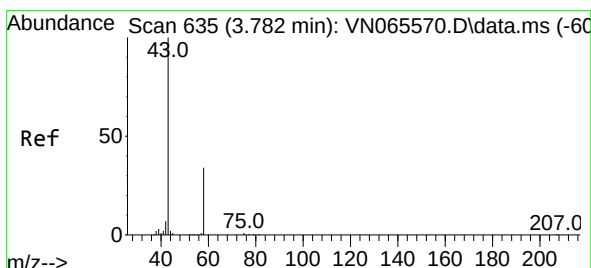
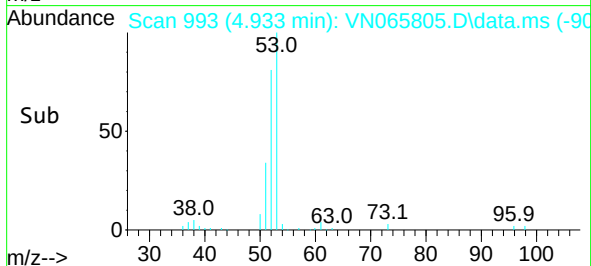
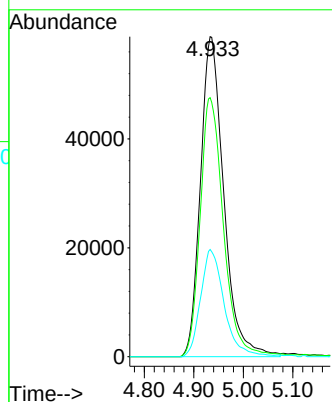


#15  
Acrylonitrile  
Concen: 233.84 ug/l  
RT: 4.933 min Scan# 993  
Delta R.T. -0.003 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

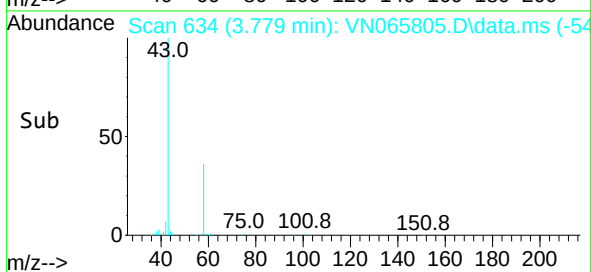
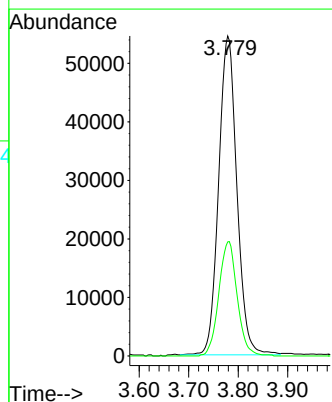
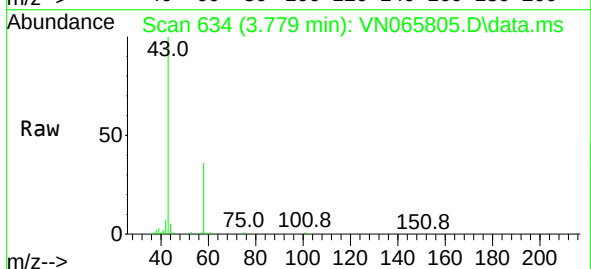


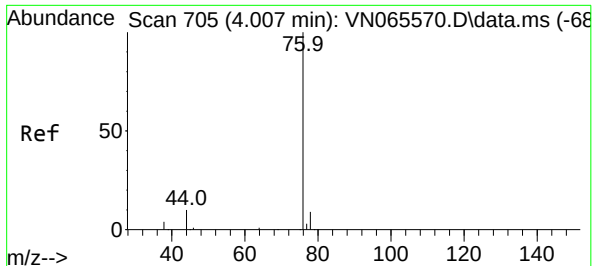
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 53    | Resp: | 192394 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 81.0  | 66.1  | 99.1   |
| 51       | 33.8  | 27.9  | 41.9   |



#16  
Acetone  
Concen: 212.66 ug/l  
RT: 3.779 min Scan# 634  
Delta R.T. -0.003 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 139585 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 35.8  | 27.0  | 40.6   |

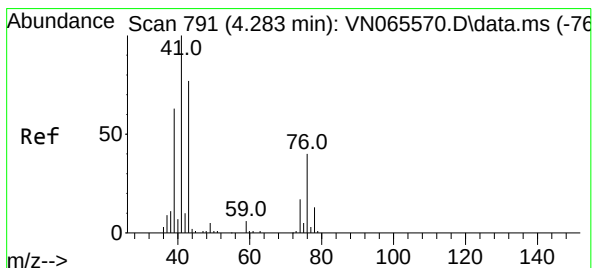
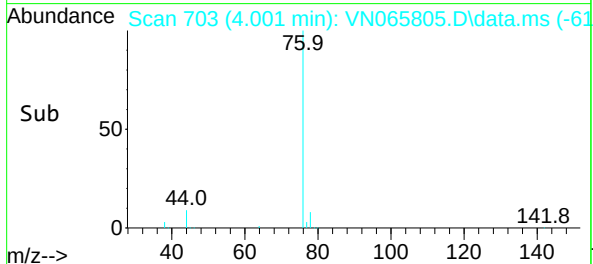
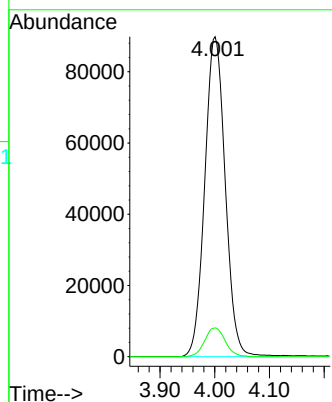
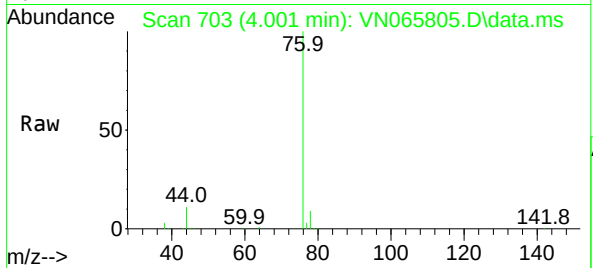




#17  
Carbon Disulfide  
Concen: 47.56 ug/l  
RT: 4.001 min Scan# 703  
Delta R.T. -0.006 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

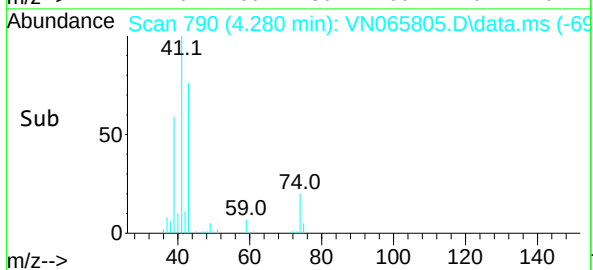
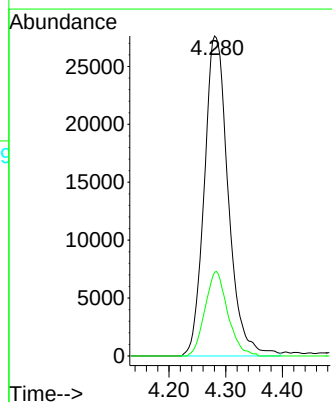
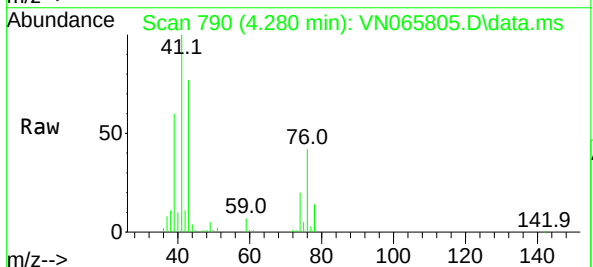
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

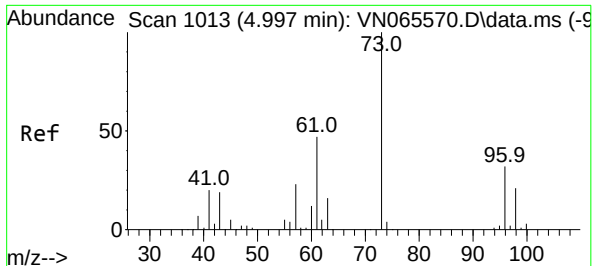
Tgt Ion: 76 Resp: 233592  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.8 11.6



#18  
Methyl Acetate  
Concen: 44.08 ug/l  
RT: 4.280 min Scan# 790  
Delta R.T. -0.003 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion: 43 Resp: 81079  
Ion Ratio Lower Upper  
43 100  
74 25.1 19.5 29.3

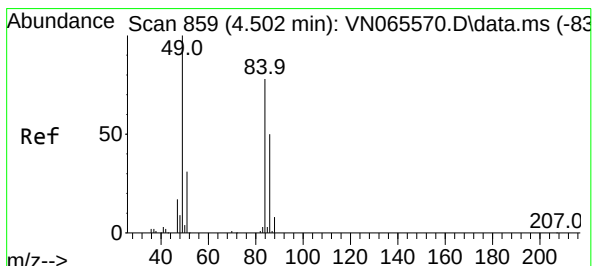
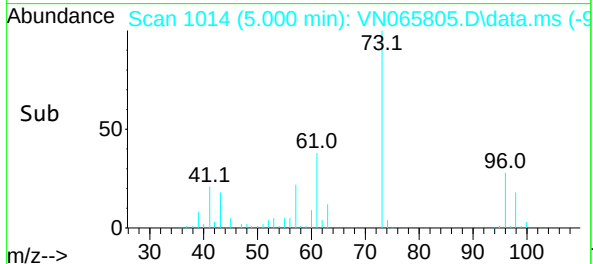
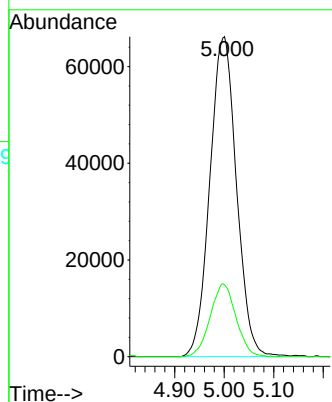
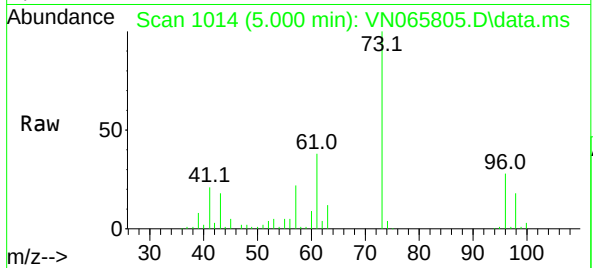




#19  
Methyl tert-butyl Ether  
Concen: 47.44 ug/l  
RT: 5.000 min Scan# 1014  
Delta R.T. 0.003 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

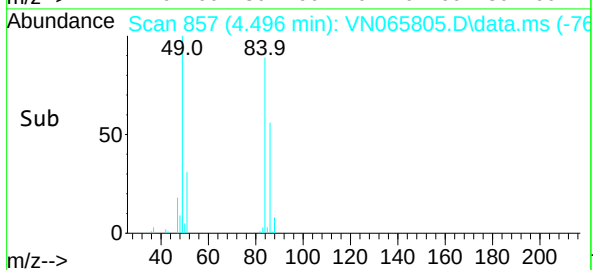
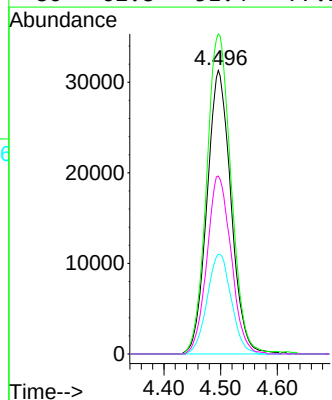
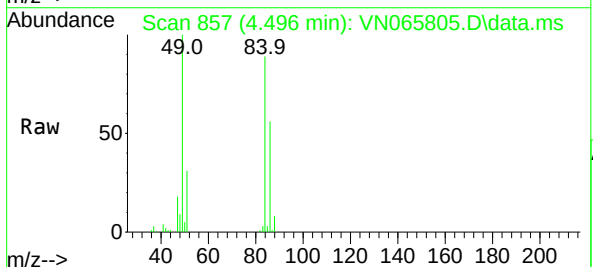
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

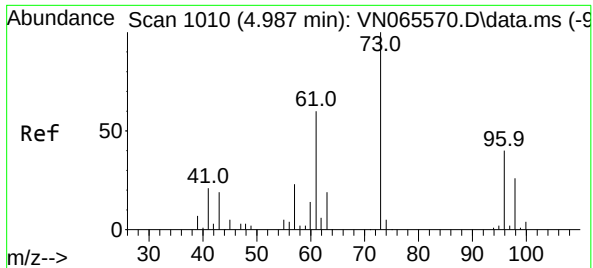
Tgt Ion: 73 Resp: 247063  
Ion Ratio Lower Upper  
73 100  
57 22.4 17.3 25.9



#20  
Methylene Chloride  
Concen: 50.61 ug/l  
RT: 4.496 min Scan# 857  
Delta R.T. -0.006 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion: 84 Resp: 91994  
Ion Ratio Lower Upper  
84 100  
49 112.9 94.6 141.8  
51 35.1 29.9 44.9  
86 62.8 51.4 77.2

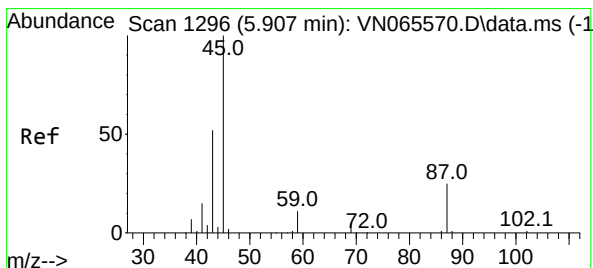
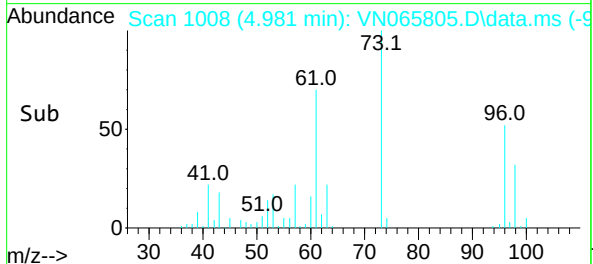
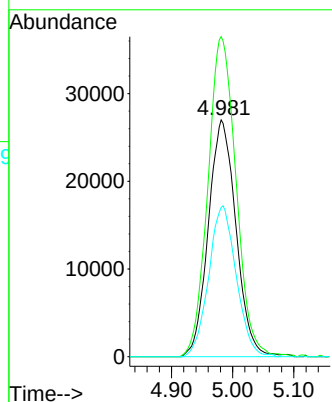
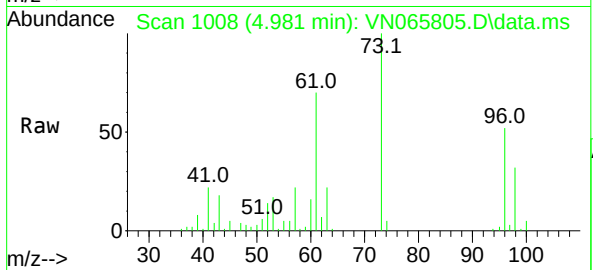




#21  
trans-1,2-Dichloroethene  
Concen: 51.17 ug/l  
RT: 4.981 min Scan# 1008  
Delta R.T. -0.006 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

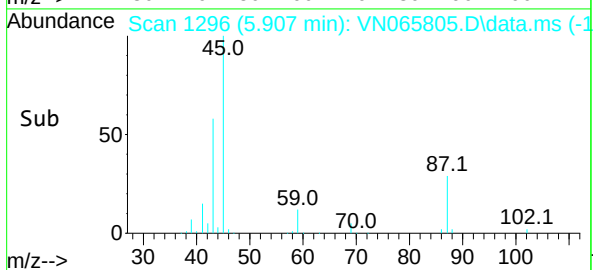
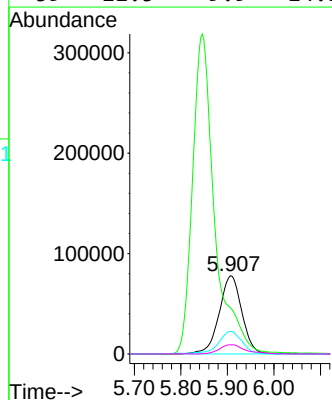
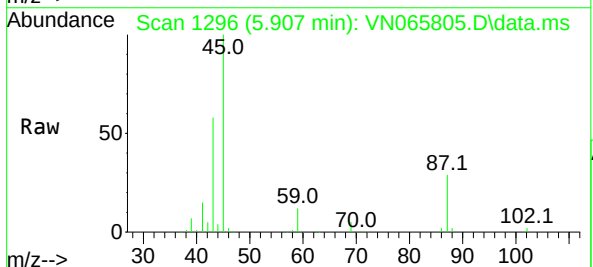
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

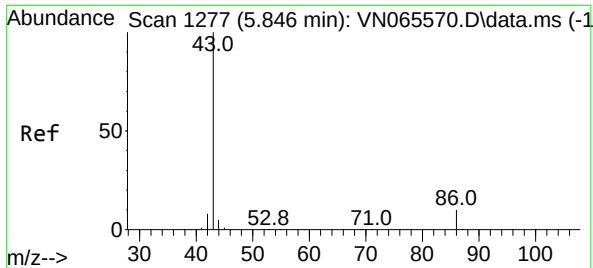
Tgt Ion: 96 Resp: 84846  
Ion Ratio Lower Upper  
96 100  
61 135.1 104.9 157.3  
98 63.1 51.8 77.8



#22  
Diisopropyl ether  
Concen: 44.57 ug/l  
RT: 5.907 min Scan# 1296  
Delta R.T. 0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion: 45 Resp: 263516  
Ion Ratio Lower Upper  
45 100  
43 56.5 48.9 73.3  
87 28.8 23.7 35.5  
59 11.5 9.9 14.9



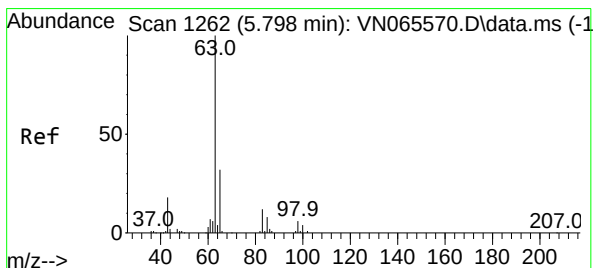
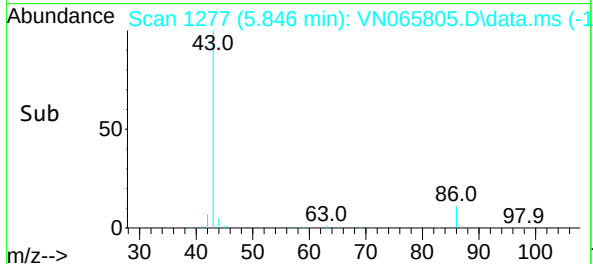
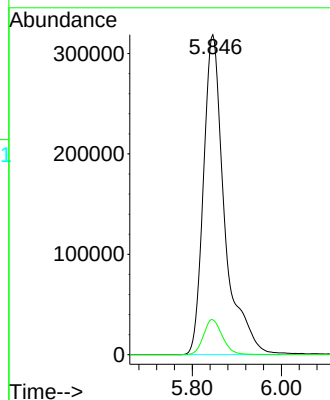
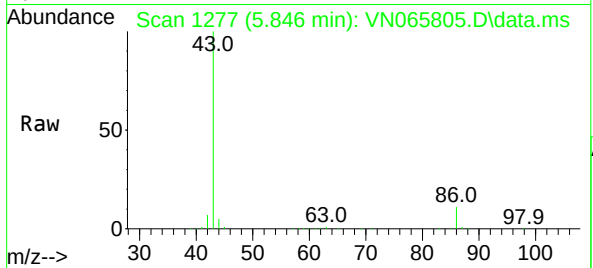


#23  
 Vinyl Acetate  
 Concen: 221.91 ug/l  
 RT: 5.846 min Scan# 1277  
 Delta R.T. 0.000 min  
 Lab File: VN065805.D  
 Acq: 10 Feb 2021 19:16

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1048005  

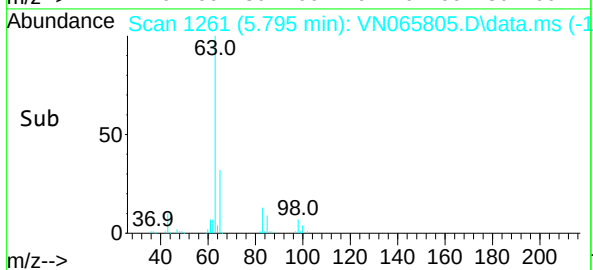
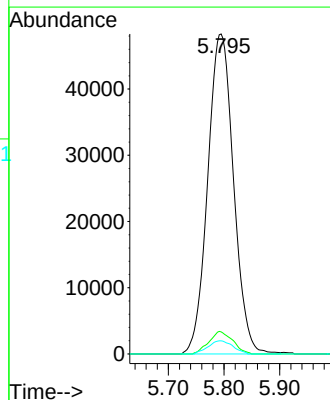
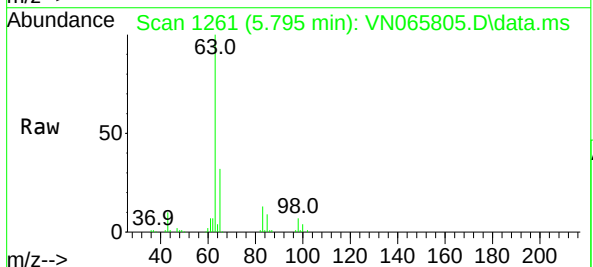
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 86  | 10.9  | 8.6   | 13.0  |



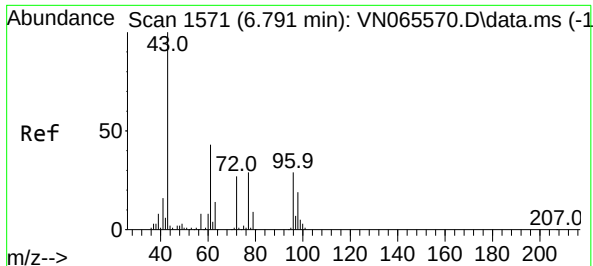
#24  
 1,1-Dichloroethane  
 Concen: 49.39 ug/l  
 RT: 5.795 min Scan# 1261  
 Delta R.T. -0.003 min  
 Lab File: VN065805.D  
 Acq: 10 Feb 2021 19:16

Tgt Ion: 63 Resp: 155629  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 98  | 6.9   | 3.5   | 10.4  |
| 100 | 4.1   | 2.3   | 6.9   |



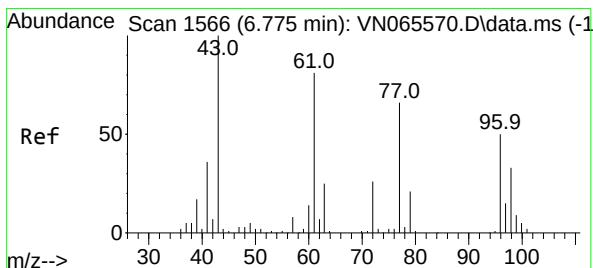
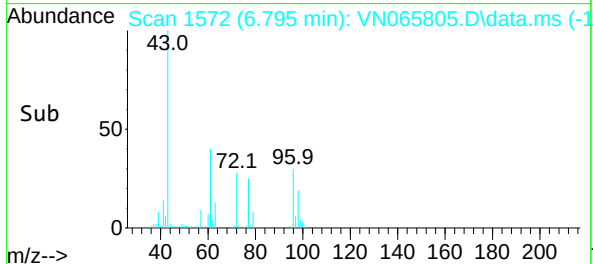
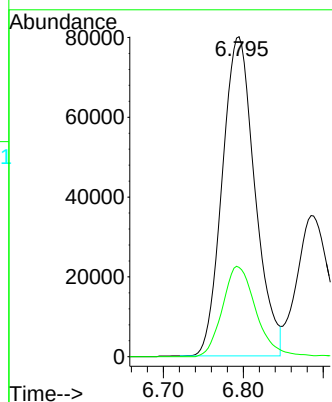
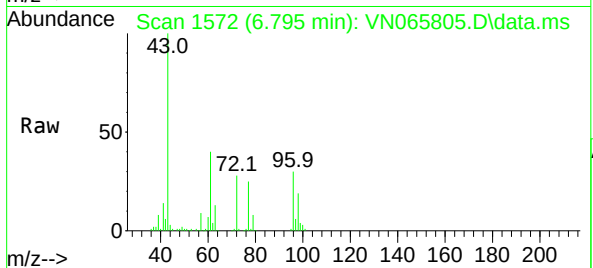




#25  
2-Butanone  
Concen: 220.33 ug/l  
RT: 6.795 min Scan# 1572  
Delta R.T. 0.004 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

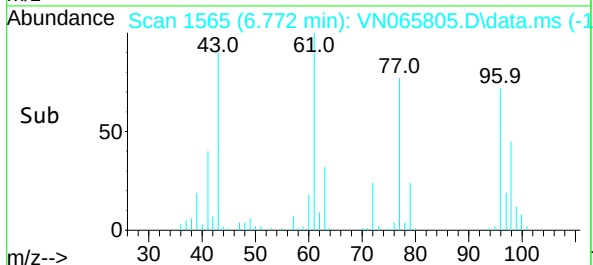
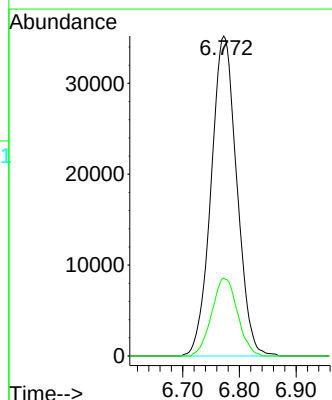
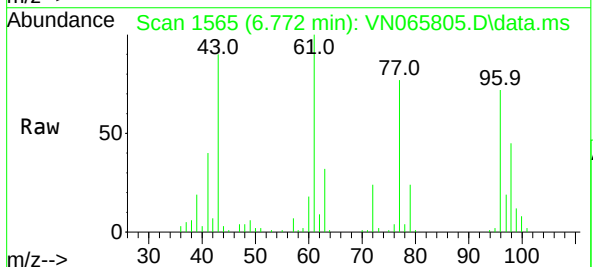
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

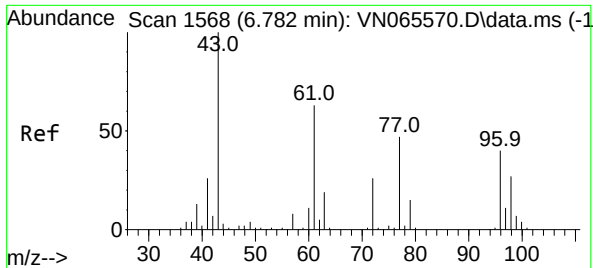
Tgt Ion: 43 Resp: 226769  
Ion Ratio Lower Upper  
43 100  
72 28.0 23.1 34.7



#26  
2,2-Dichloropropane  
Concen: 43.98 ug/l  
RT: 6.772 min Scan# 1565  
Delta R.T. -0.003 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion: 77 Resp: 110931  
Ion Ratio Lower Upper  
77 100  
97 24.4 11.9 35.9



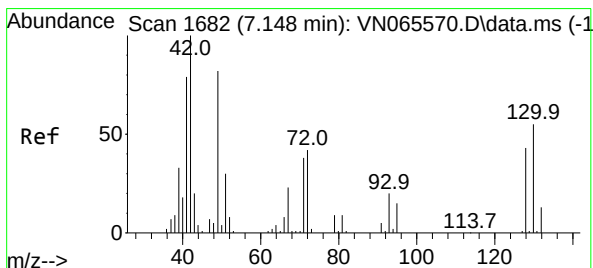
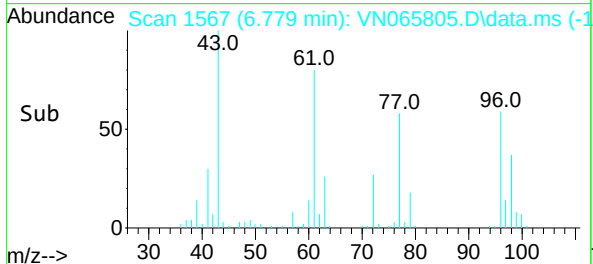
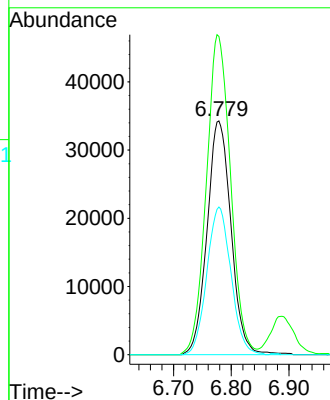
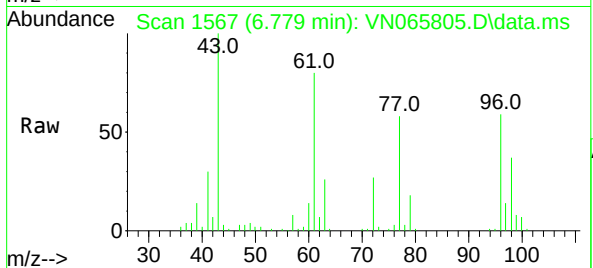


#27

cis-1,2-Dichloroethene  
Concen: 52.09 ug/l  
RT: 6.779 min Scan# 1567  
Delta R.T. -0.003 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

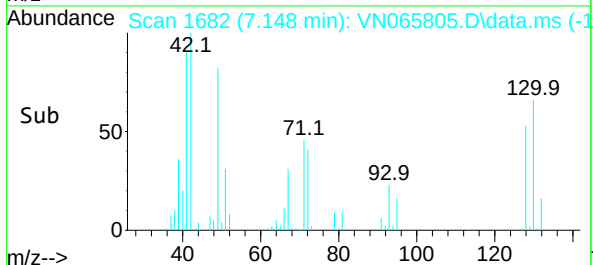
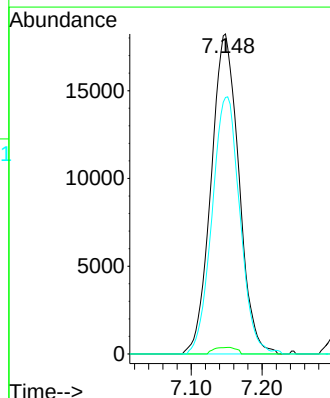
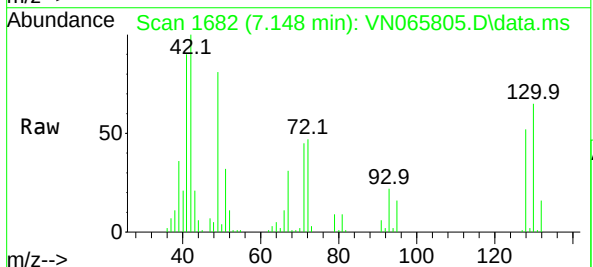
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 98965 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 137.7 | 0.0   | 276.8 |
| 98       | 63.5  | 0.0   | 129.4 |

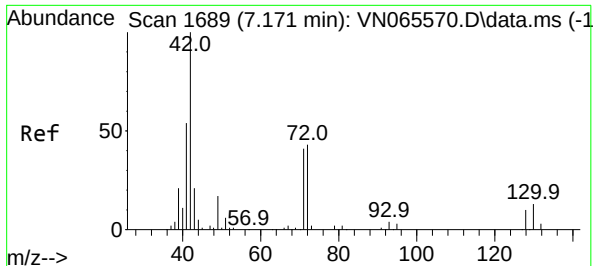


#28

Bromochloromethane  
Concen: 37.49 ug/l  
RT: 7.148 min Scan# 1682  
Delta R.T. 0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 49646 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 1.7   | 0.0   | 3.6   |
| 130      | 80.4  | 67.8  | 101.6 |





#29

Tetrahydrofuran

Concen: 210.82 ug/l

RT: 7.171 min Scan# 1689

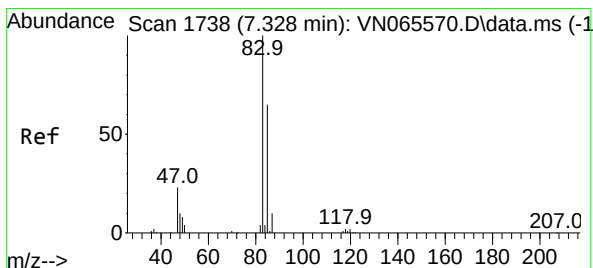
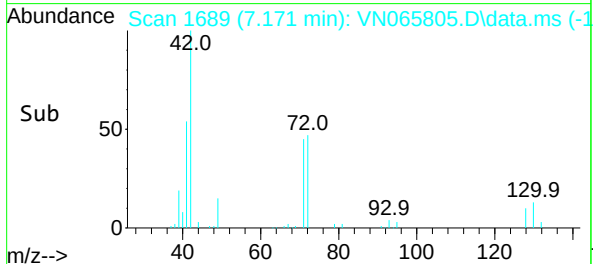
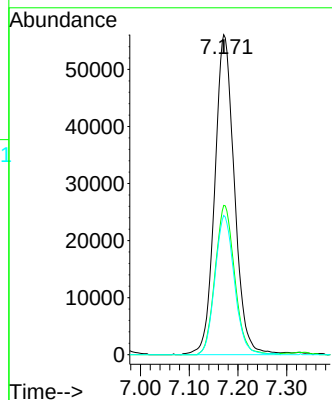
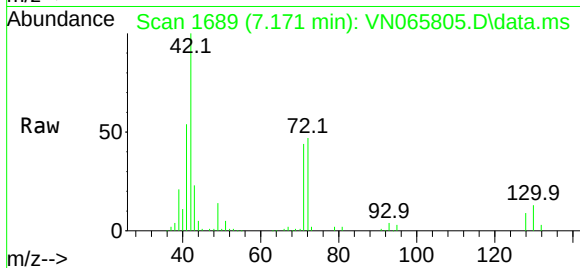
Delta R.T. -0.000 min

Lab File: VN065805.D

Acq: 10 Feb 2021 19:16

Tgt Ion: 42 Resp: 157377

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 46.3  | 36.6  | 55.0  |
| 71  | 42.9  | 34.3  | 51.5  |



#30

Chloroform

Concen: 50.76 ug/l

RT: 7.328 min Scan# 1738

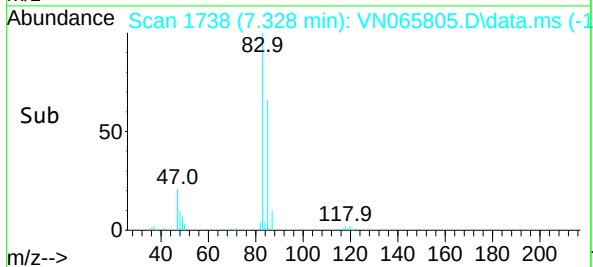
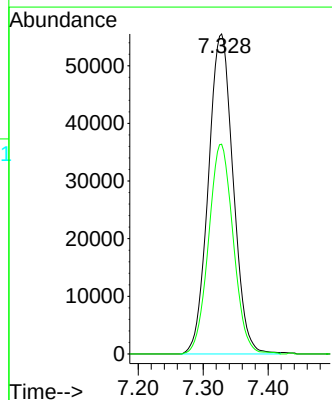
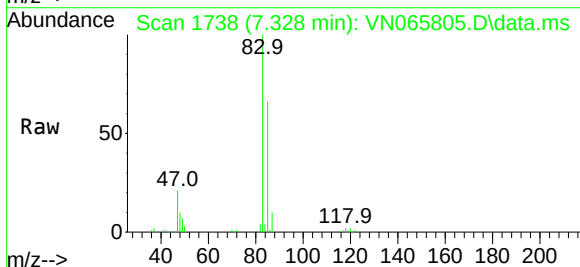
Delta R.T. 0.000 min

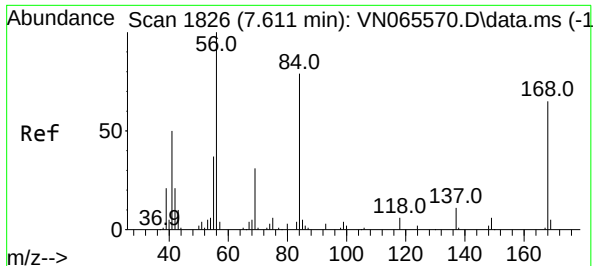
Lab File: VN065805.D

Acq: 10 Feb 2021 19:16

Tgt Ion: 83 Resp: 147342

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 65.6  | 52.6  | 78.8  |

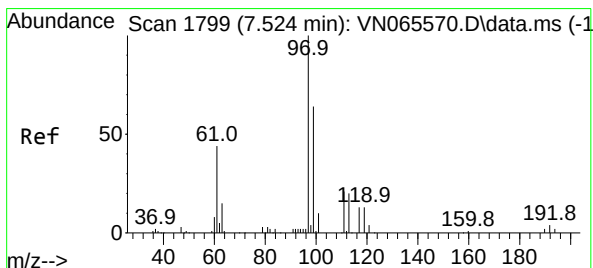
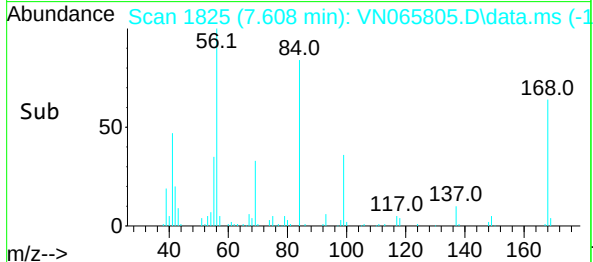
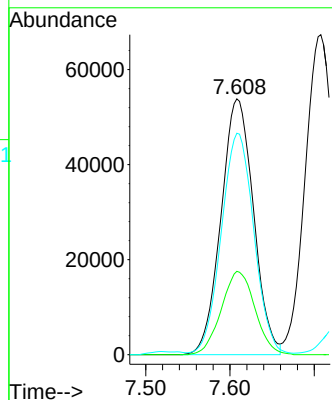
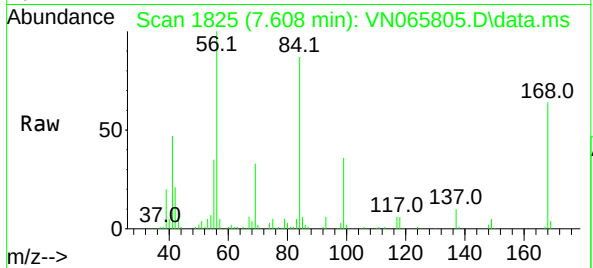




#31  
Cyclohexane  
Concen: 45.48 ug/l  
RT: 7.608 min Scan# 1825  
Delta R.T. -0.003 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

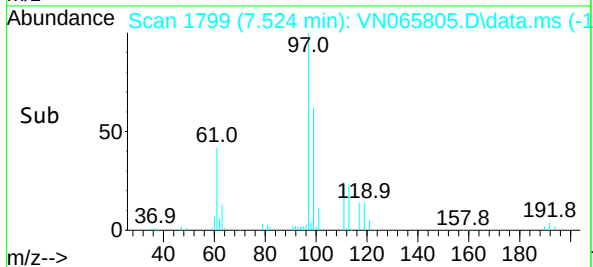
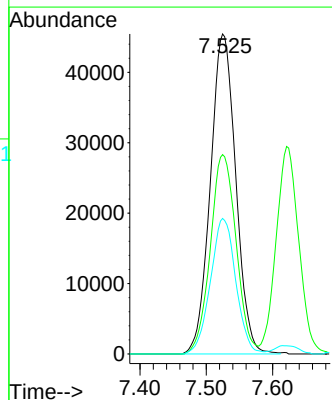
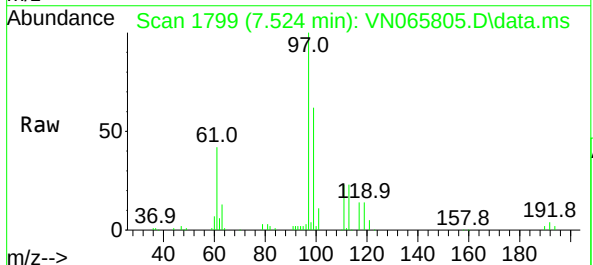
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

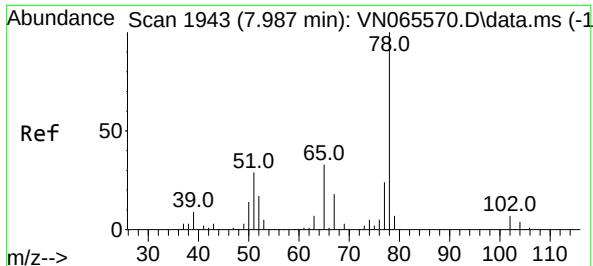
Tgt Ion: 56 Resp: 144232  
Ion Ratio Lower Upper  
56 100  
69 32.6 26.6 39.8  
84 85.5 70.4 105.6



#32  
1,1,1-Trichloroethane  
Concen: 51.22 ug/l  
RT: 7.524 min Scan# 1799  
Delta R.T. 0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion: 97 Resp: 121034  
Ion Ratio Lower Upper  
97 100  
99 63.3 50.8 76.2  
61 42.3 34.3 51.5

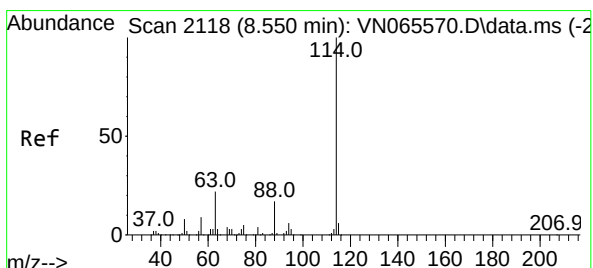
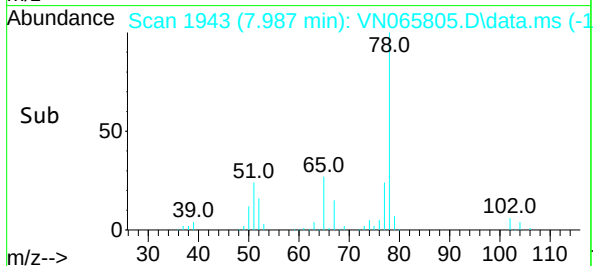
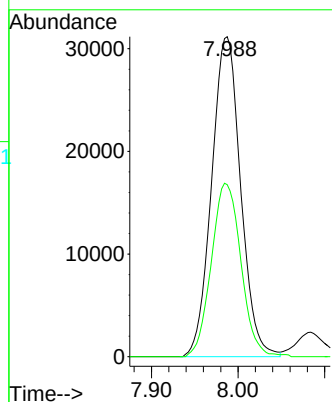
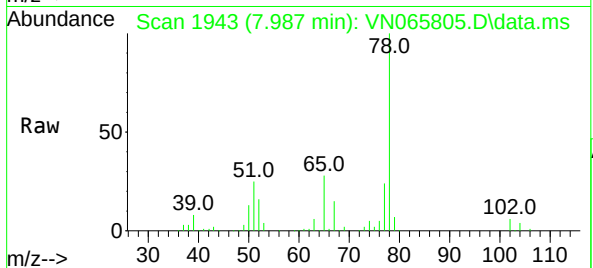




#33  
1,2-Dichloroethane-d4  
Concen: 43.08 ug/l  
RT: 7.987 min Scan# 1943  
Delta R.T. 0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

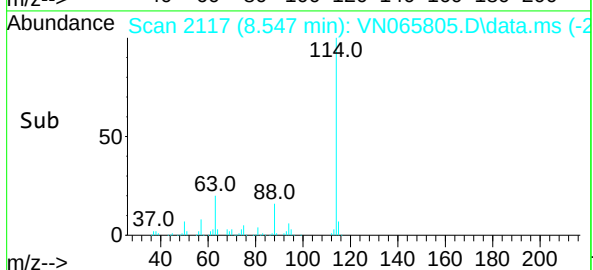
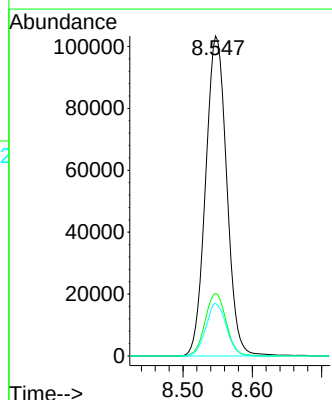
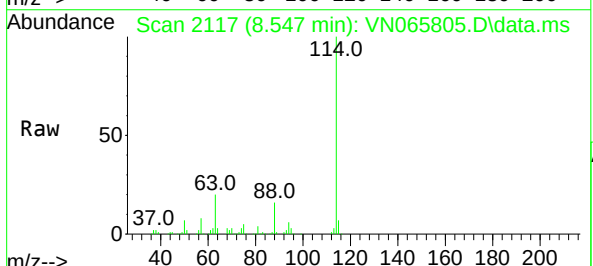
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

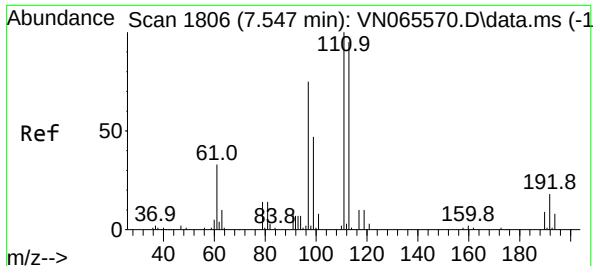
Tgt Ion: 65 Resp: 72629  
Ion Ratio Lower Upper  
65 100  
67 55.3 0.0 107.2



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.547 min Scan# 2117  
Delta R.T. -0.003 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion: 114 Resp: 217985  
Ion Ratio Lower Upper  
114 100  
63 19.6 0.0 38.6  
88 16.4 0.0 30.6

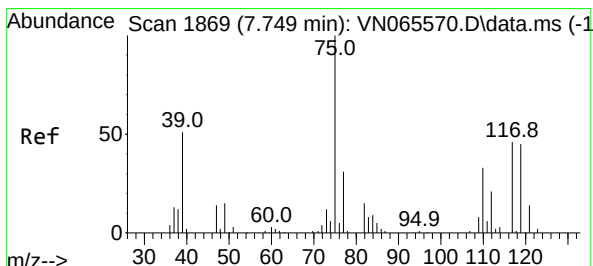
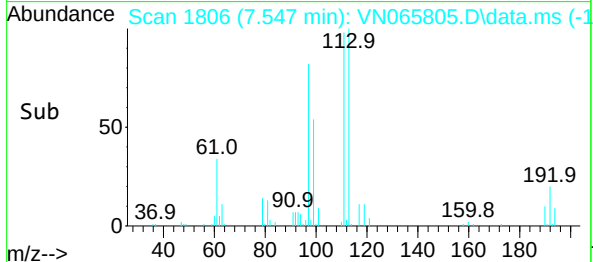
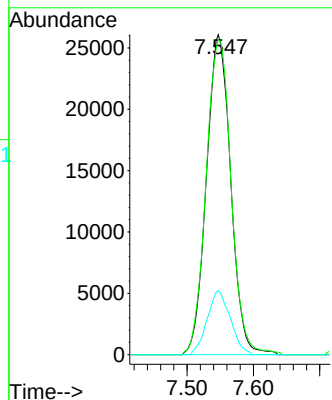
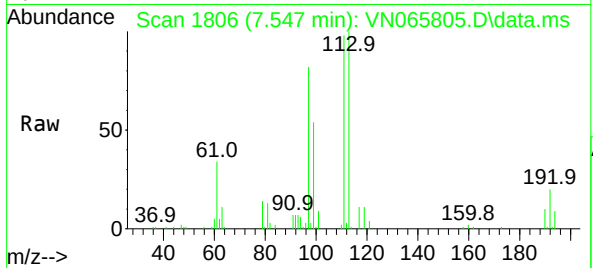




#35  
Dibromofluoromethane  
Concen: 51.37 ug/l  
RT: 7.547 min Scan# 1806  
Delta R.T. 0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

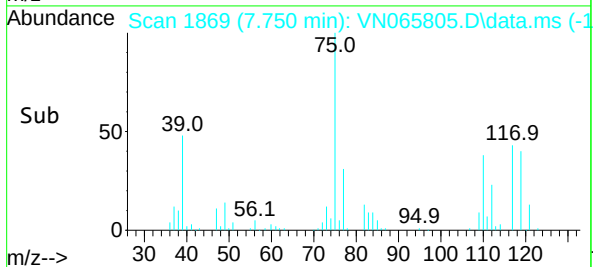
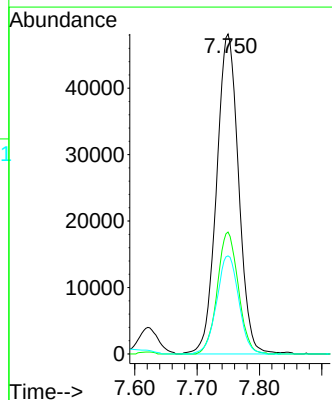
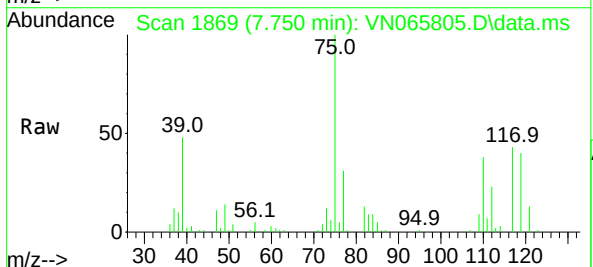
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

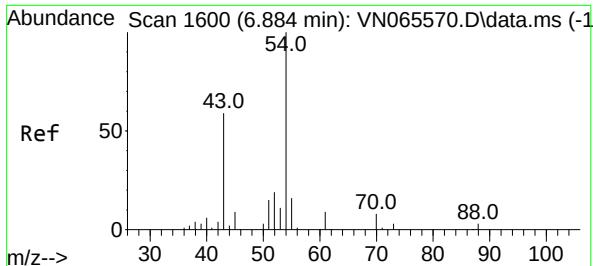
Tgt Ion:113 Resp: 66361  
Ion Ratio Lower Upper  
113 100  
111 101.8 82.2 123.2  
192 19.1 15.4 23.0



#36  
1,1-Dichloropropene  
Concen: 53.77 ug/l  
RT: 7.750 min Scan# 1869  
Delta R.T. 0.001 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion: 75 Resp: 117949  
Ion Ratio Lower Upper  
75 100  
110 36.4 18.2 54.6  
77 30.8 24.9 37.3





#37

Ethyl Acetate

Concen: 48.02 ug/l

RT: 6.885 min Scan# 1600

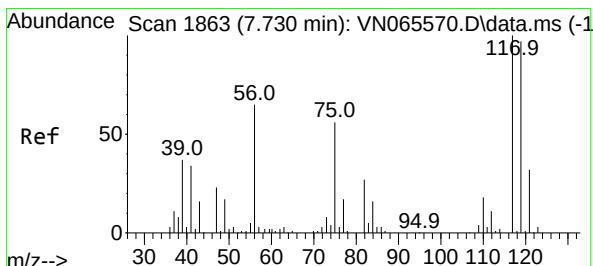
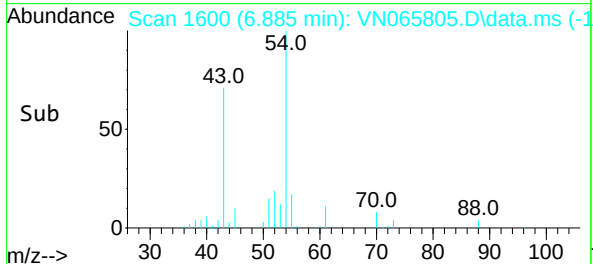
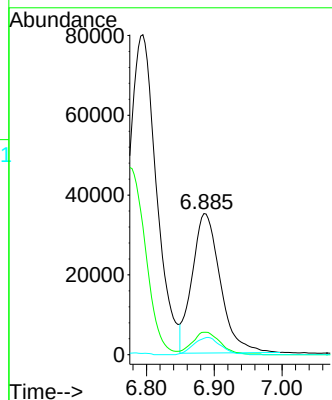
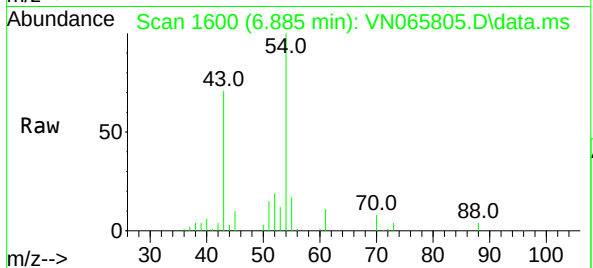
Delta R.T. 0.001 min

Lab File: VN065805.D

Acq: 10 Feb 2021 19:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 101059 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 15.4  | 11.6  | 17.4   |
| 70       | 11.9  | 8.6   | 13.0   |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



#38

Carbon Tetrachloride

Concen: 56.48 ug/l

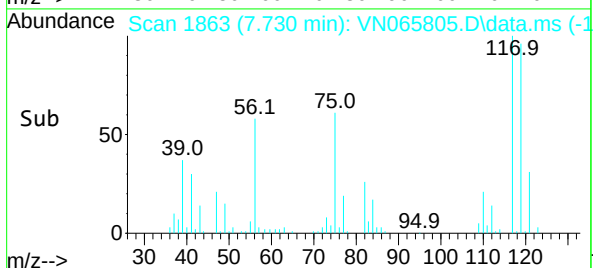
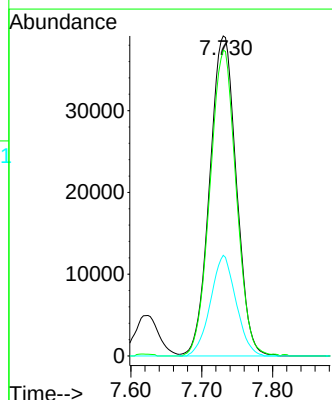
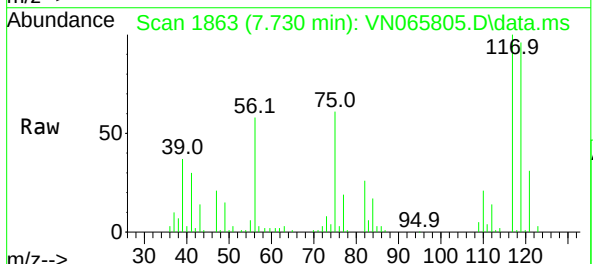
RT: 7.730 min Scan# 1863

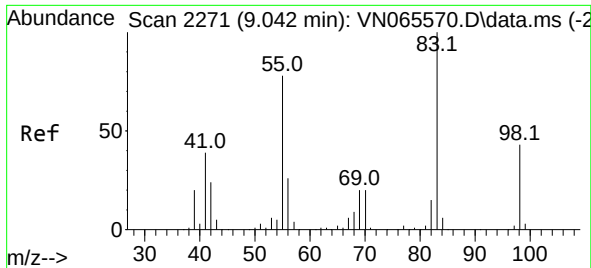
Delta R.T. 0.000 min

Lab File: VN065805.D

Acq: 10 Feb 2021 19:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 101996 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.5  | 76.0  | 114.0  |
| 121      | 31.5  | 24.5  | 36.7   |

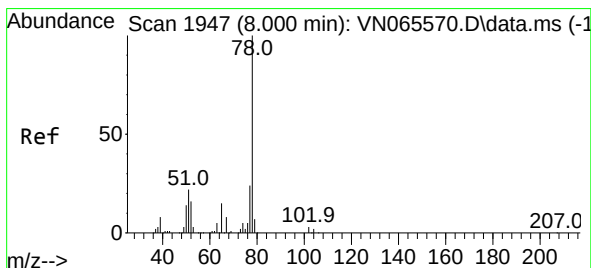
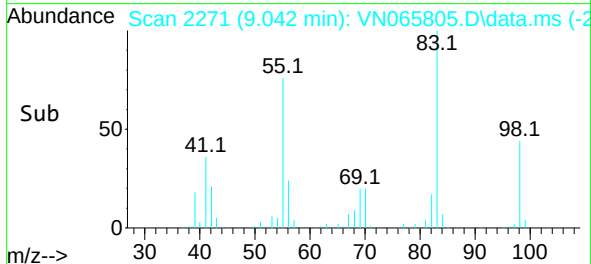
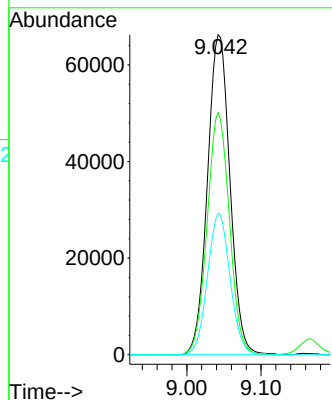
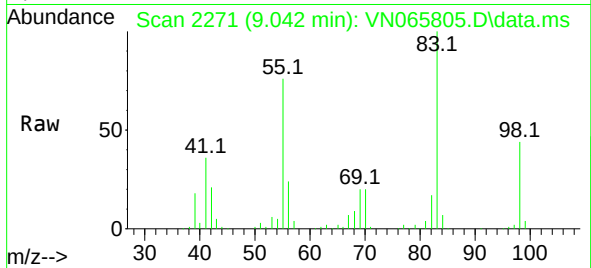




#39  
Methylcyclohexane  
Concen: 52.14 ug/l  
RT: 9.042 min Scan# 2271  
Delta R.T. 0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

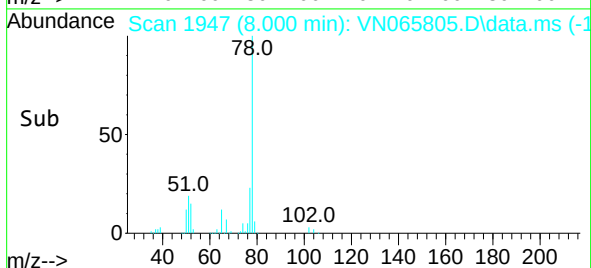
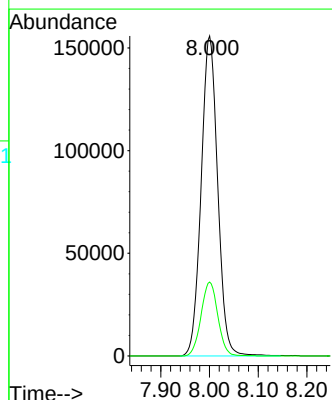
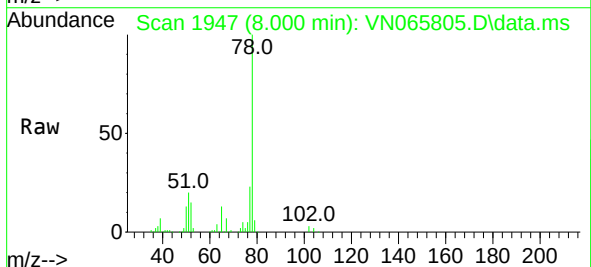
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 83 Resp: 139538  
Ion Ratio Lower Upper  
83 100  
55 75.6 58.9 88.3  
98 44.2 35.9 53.9

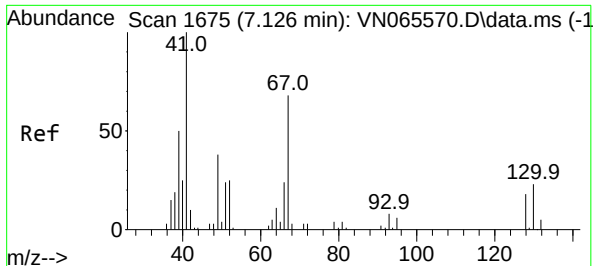


#40  
Benzene  
Concen: 54.77 ug/l  
RT: 8.000 min Scan# 1947  
Delta R.T. 0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion: 78 Resp: 366895  
Ion Ratio Lower Upper  
78 100  
77 23.1 19.0 28.4



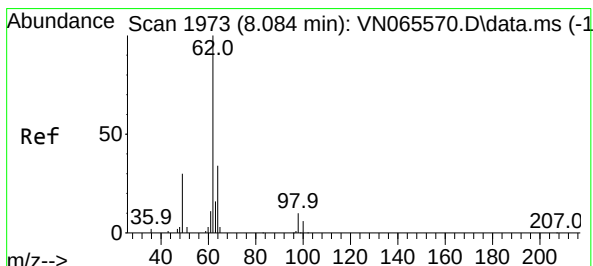
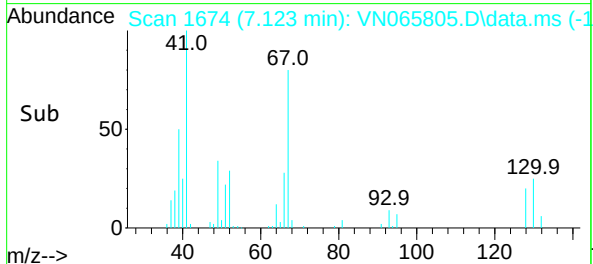
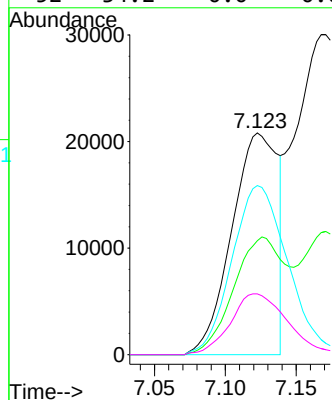
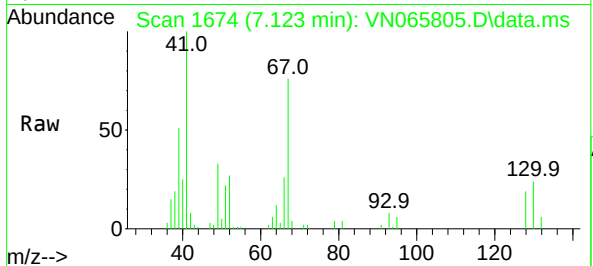




#41  
Methacrylonitrile  
Concen: 41.60 ug/l  
RT: 7.123 min Scan# 1674  
Delta R.T. -0.003 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

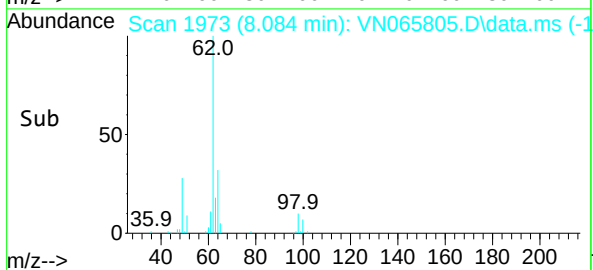
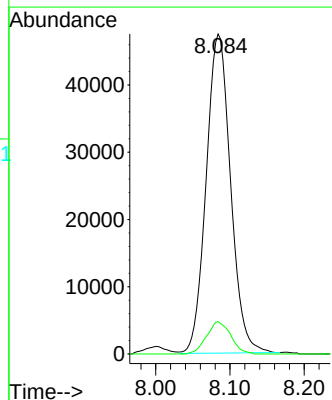
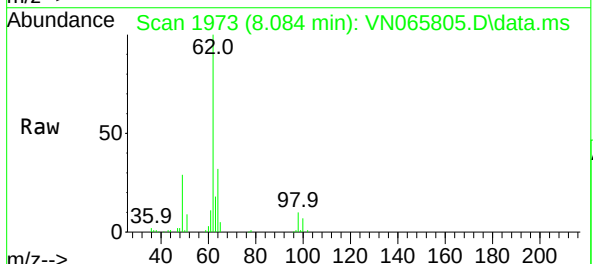
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

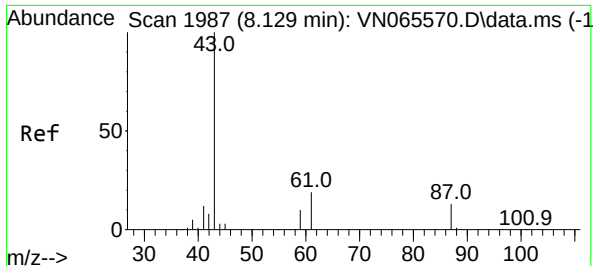
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 47000 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 61.1  | 0.0   | 0.0#  |
| 67       | 93.5  | 0.0   | 0.0#  |
| 52       | 34.2  | 0.0   | 0.0#  |



#42  
1,2-Dichloroethane  
Concen: 53.66 ug/l  
RT: 8.084 min Scan# 1973  
Delta R.T. -0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 108365 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.0  | 0.0   | 18.6   |

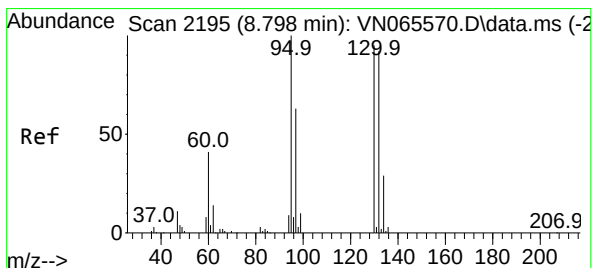
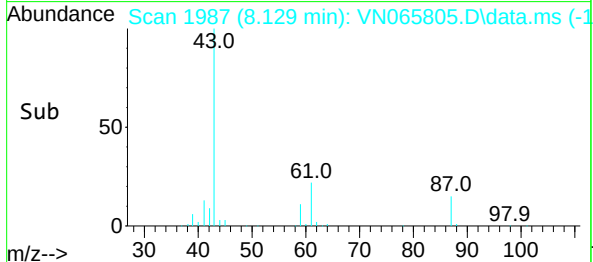
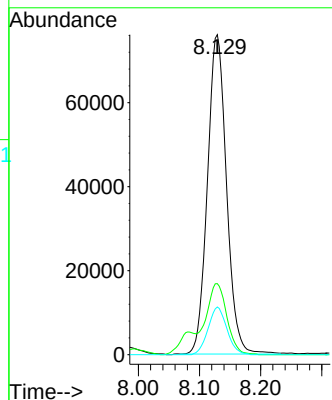
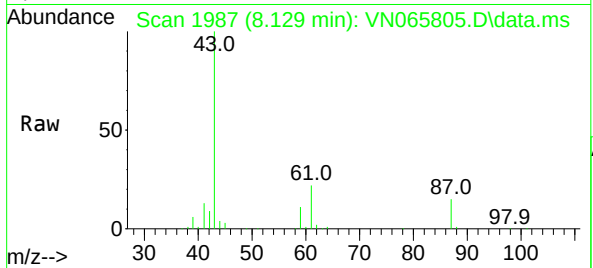




#43  
Isopropyl Acetate  
Concen: 44.20 ug/l  
RT: 8.129 min Scan# 1987  
Delta R.T. -0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

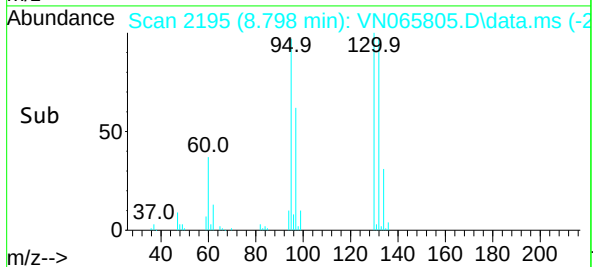
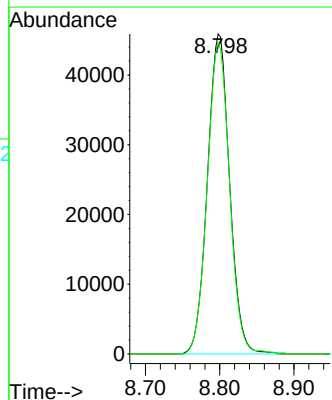
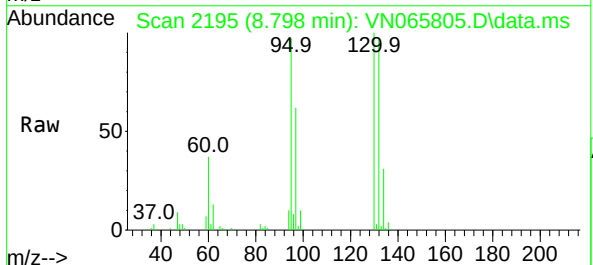
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

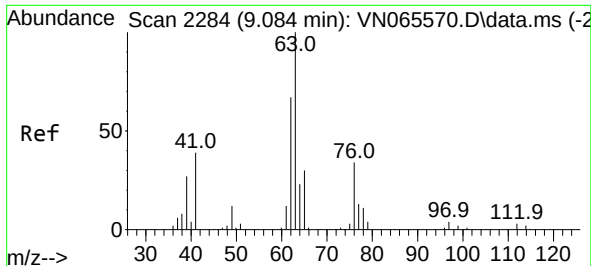
Tgt Ion: 43 Resp: 164943  
Ion Ratio Lower Upper  
43 100  
61 23.8 22.5 33.7  
87 14.8 11.1 16.7



#44  
Trichloroethene  
Concen: 58.57 ug/l  
RT: 8.798 min Scan# 2195  
Delta R.T. -0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion:130 Resp: 95192  
Ion Ratio Lower Upper  
130 100  
95 97.2 0.0 199.6

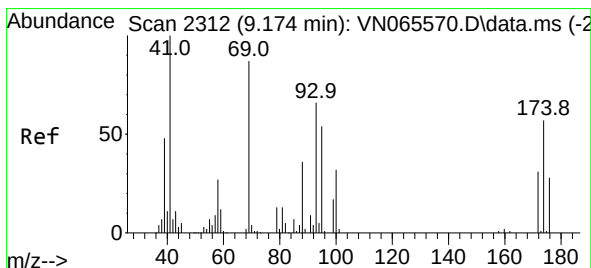
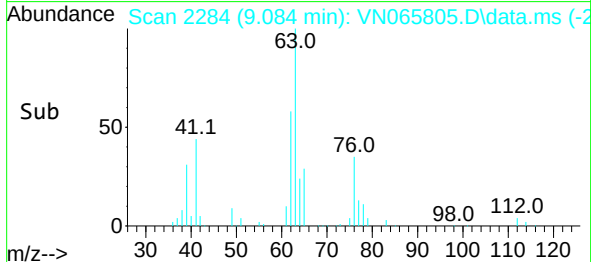
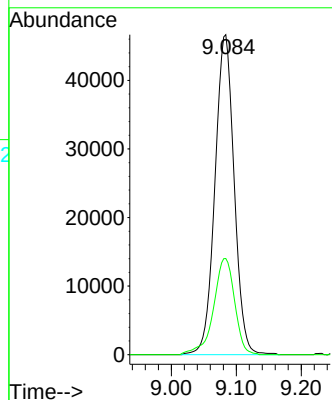
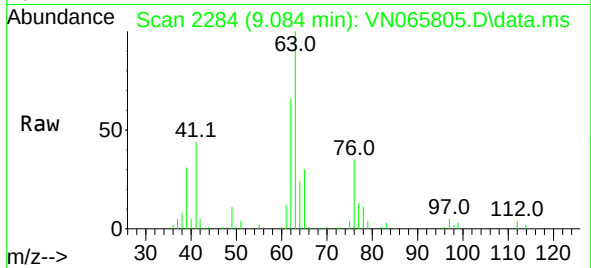




#45  
1,2-Dichloropropane  
Concen: 51.91 ug/l  
RT: 9.084 min Scan# 2284  
Delta R.T. -0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

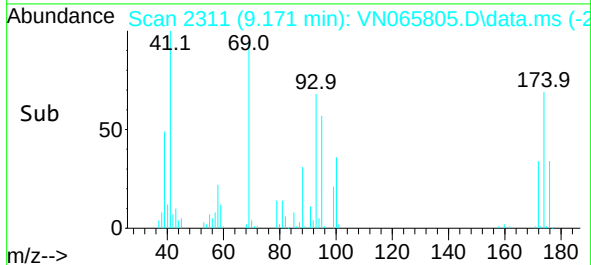
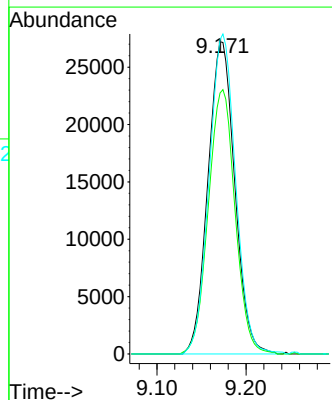
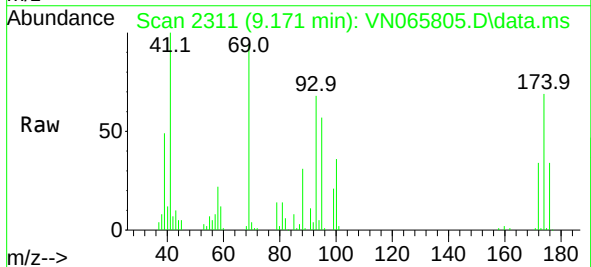
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

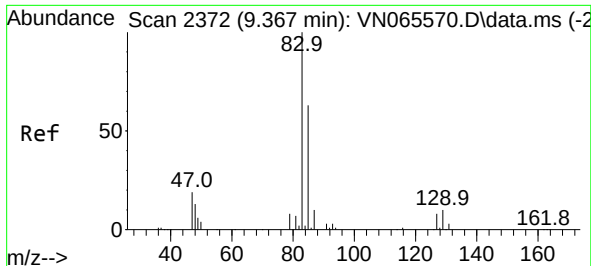
Tgt Ion: 63 Resp: 95677  
Ion Ratio Lower Upper  
63 100  
65 30.1 24.9 37.3



#46  
Dibromomethane  
Concen: 56.00 ug/l  
RT: 9.171 min Scan# 2311  
Delta R.T. -0.003 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion: 93 Resp: 57016  
Ion Ratio Lower Upper  
93 100  
95 84.4 67.0 100.6  
174 100.9 83.2 124.8

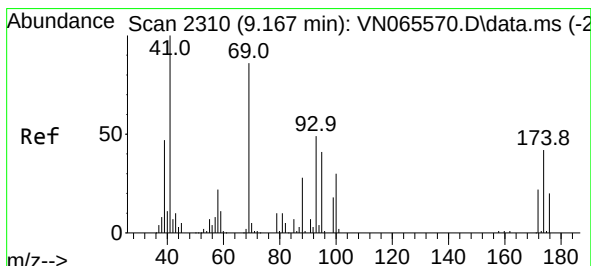
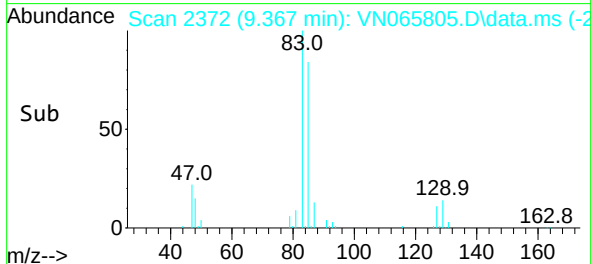
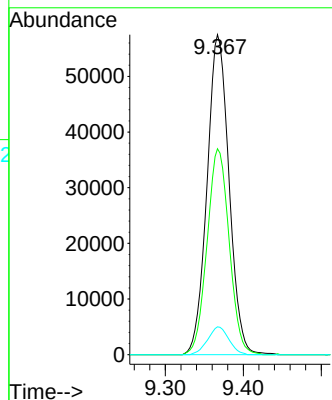
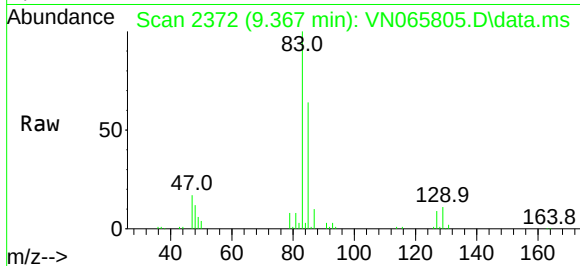




#47  
Bromodichloromethane  
Concen: 51.64 ug/l  
RT: 9.367 min Scan# 2372  
Delta R.T. -0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

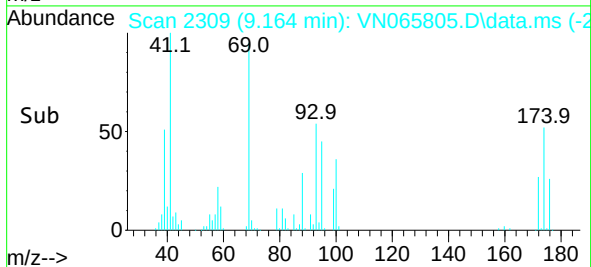
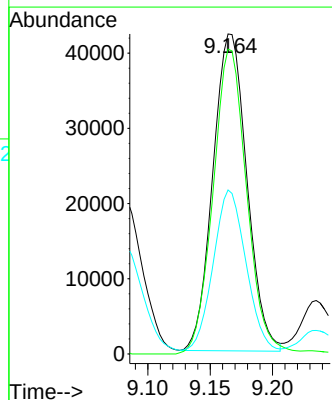
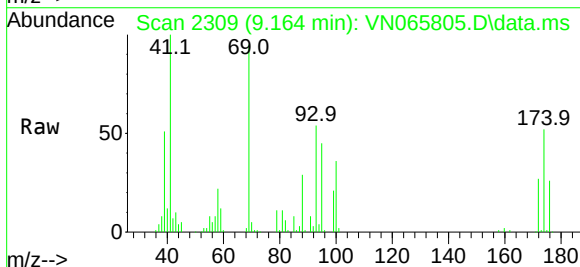
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

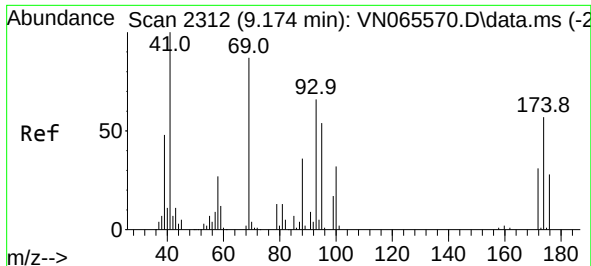
Tgt Ion: 83 Resp: 112784  
Ion Ratio Lower Upper  
83 100  
85 64.4 51.0 76.4  
127 8.7 7.0 10.6



#48  
Methyl methacrylate  
Concen: 45.21 ug/l  
RT: 9.164 min Scan# 2309  
Delta R.T. -0.003 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion: 41 Resp: 80029  
Ion Ratio Lower Upper  
41 100  
69 95.2 75.9 113.9  
39 51.1 46.6 69.8





#49

1,4-Dioxane

Concen: 914.87 ug/l

RT: 9.168 min Scan# 2310

Delta R.T. -0.006 min

Lab File: VN065805.D

Acq: 10 Feb 2021 19:16

Tgt Ion: 88 Resp: 26207

Ion Ratio Lower Upper

88 100

43 33.6 24.7 37.1

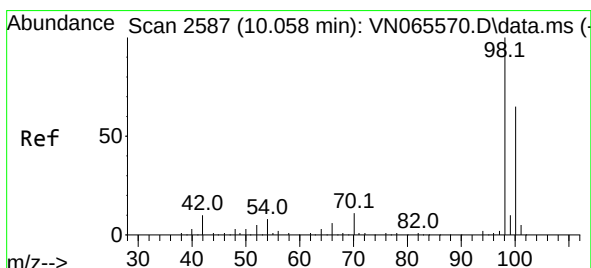
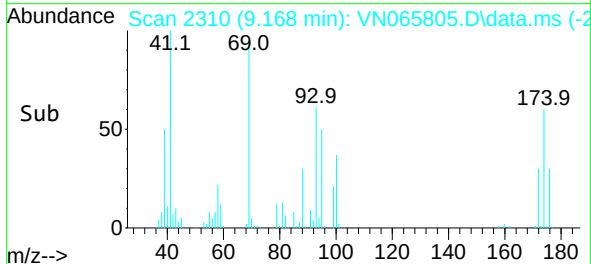
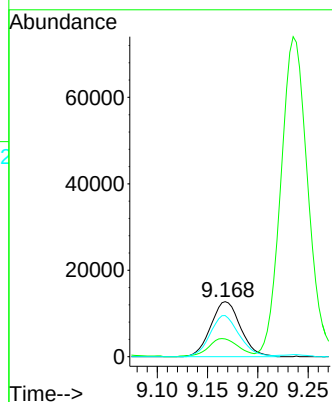
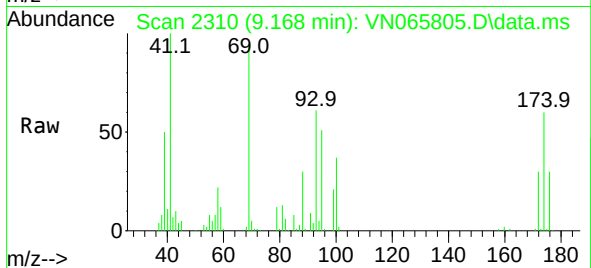
58 73.4 52.6 78.8

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC



#50

Toluene-d8

Concen: 49.00 ug/l

RT: 10.055 min Scan# 2586

Delta R.T. -0.003 min

Lab File: VN065805.D

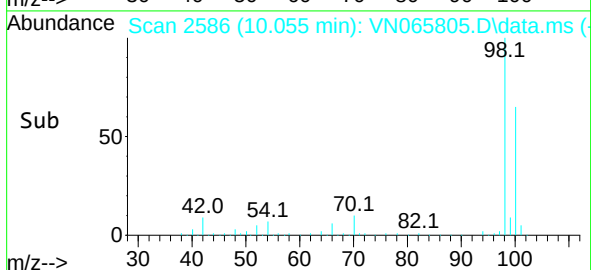
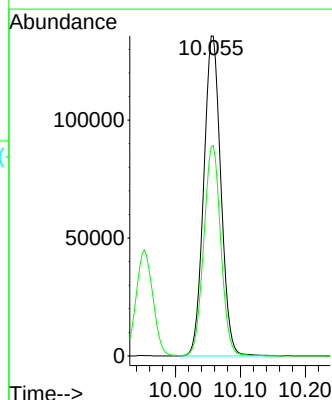
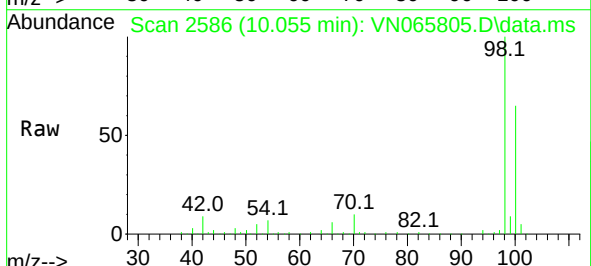
Acq: 10 Feb 2021 19:16

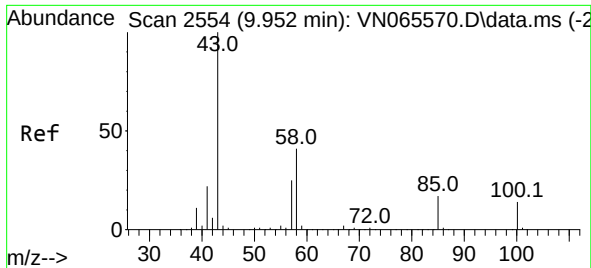
Tgt Ion: 98 Resp: 248808

Ion Ratio Lower Upper

98 100

100 65.6 50.5 75.7

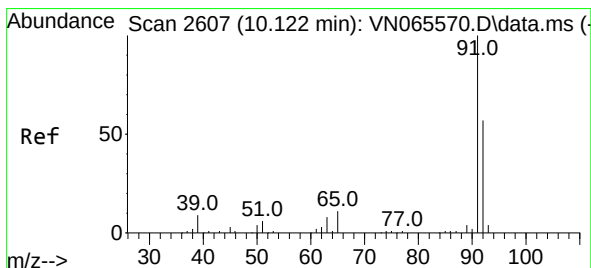
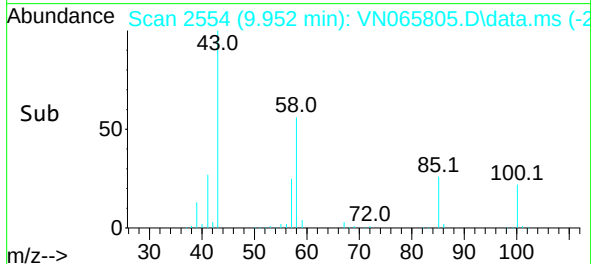
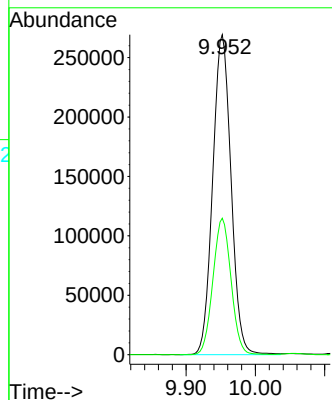
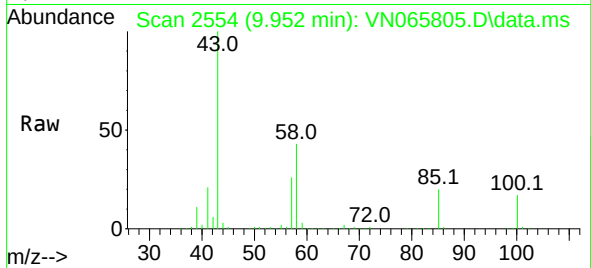




#51  
4-Methyl-2-Pentanone  
Concen: 240.52 ug/l  
RT: 9.952 min Scan# 2554  
Delta R.T. 0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

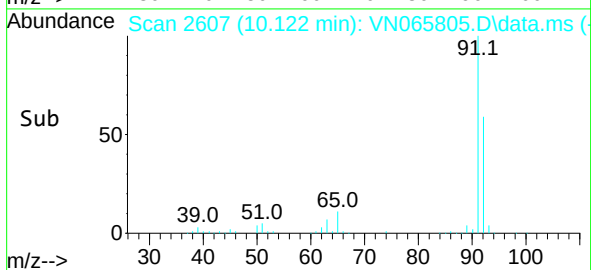
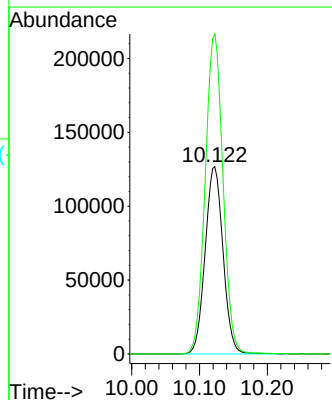
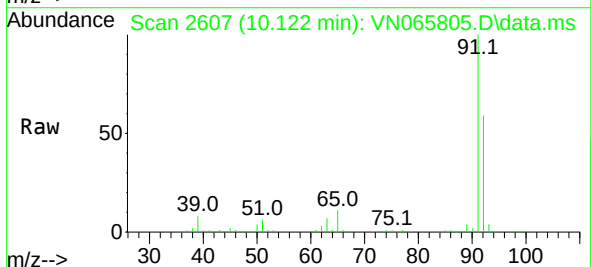
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

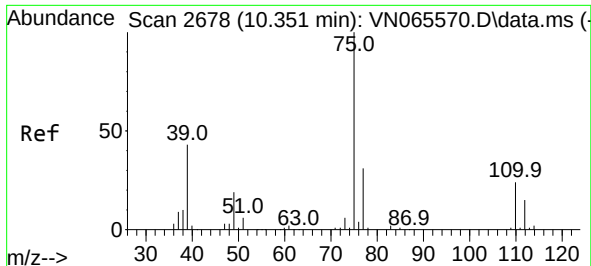
Tgt Ion: 43 Resp: 494798  
Ion Ratio Lower Upper  
43 100  
58 42.1 32.5 48.7



#52  
Toluene  
Concen: 58.48 ug/l  
RT: 10.122 min Scan# 2607  
Delta R.T. 0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion: 92 Resp: 232052  
Ion Ratio Lower Upper  
92 100  
91 170.2 140.7 211.1

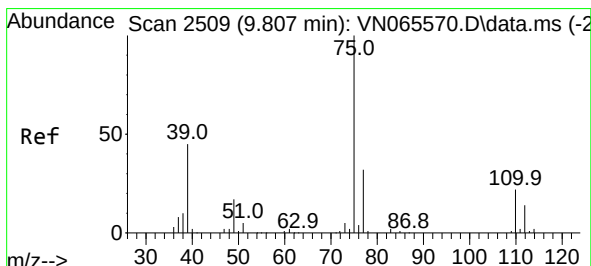
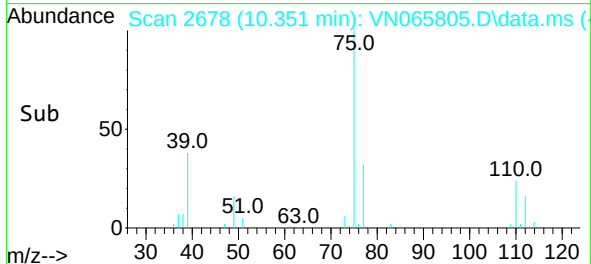
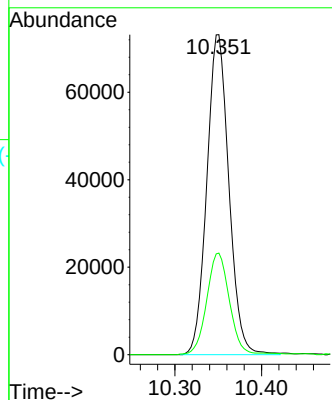
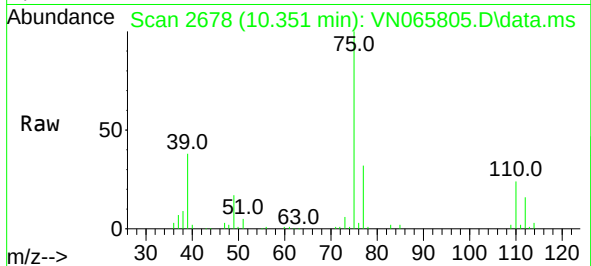




#53  
 t-1,3-Dichloropropene  
 Concen: 50.92 ug/l  
 RT: 10.351 min Scan# 2678  
 Delta R.T. -0.000 min  
 Lab File: VN065805.D  
 Acq: 10 Feb 2021 19:16

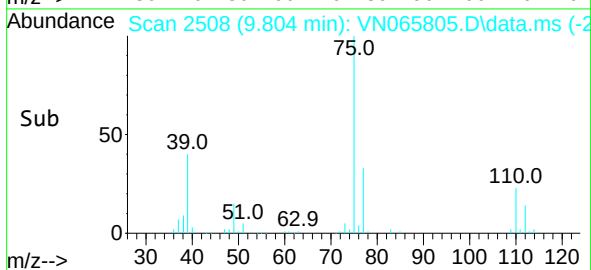
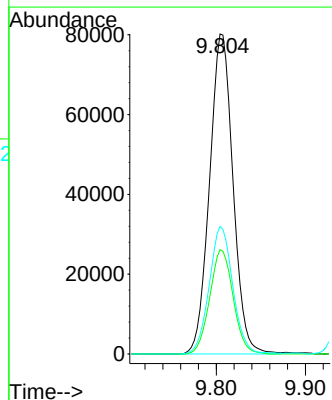
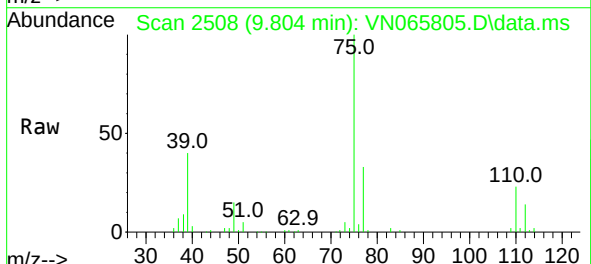
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 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

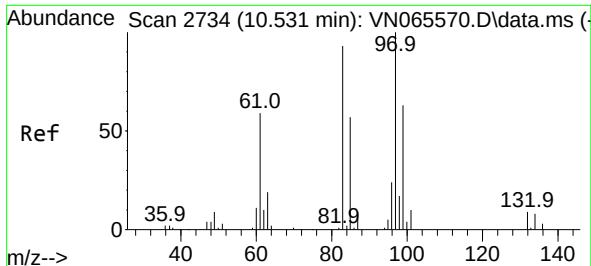
Tgt Ion: 75 Resp: 129533  
 Ion Ratio Lower Upper  
 75 100  
 77 31.6 26.2 39.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 51.81 ug/l  
 RT: 9.804 min Scan# 2508  
 Delta R.T. -0.003 min  
 Lab File: VN065805.D  
 Acq: 10 Feb 2021 19:16

Tgt Ion: 75 Resp: 146795  
 Ion Ratio Lower Upper  
 75 100  
 77 32.6 24.9 37.3  
 39 39.9 36.2 54.4

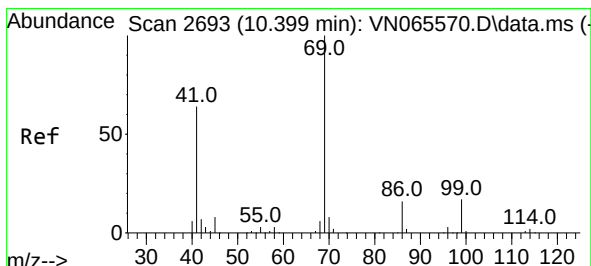
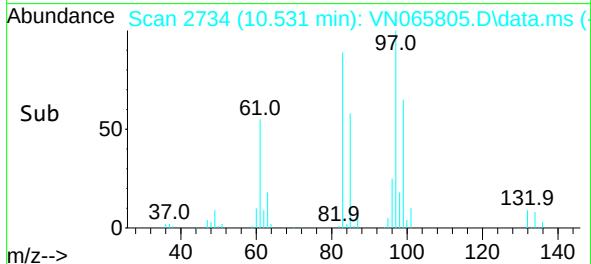
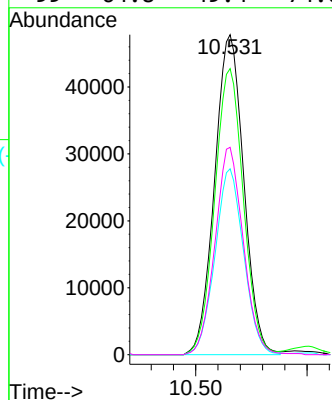
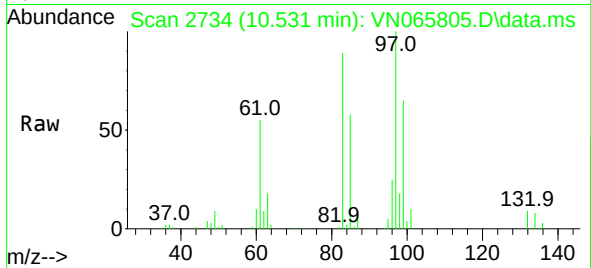




#55  
1,1,2-Trichloroethane  
Concen: 57.36 ug/l  
RT: 10.531 min Scan# 2734  
Delta R.T. -0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

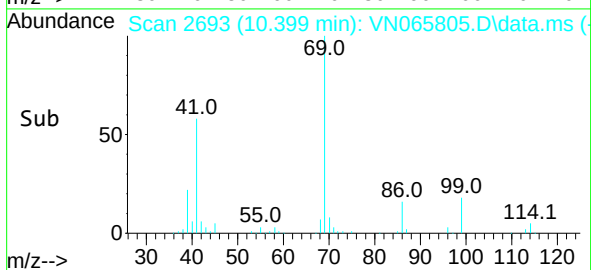
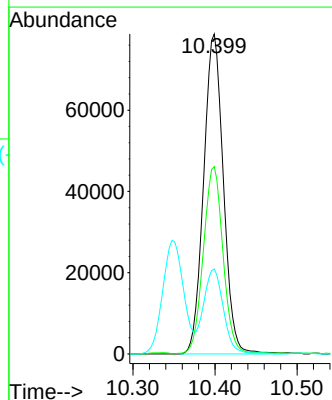
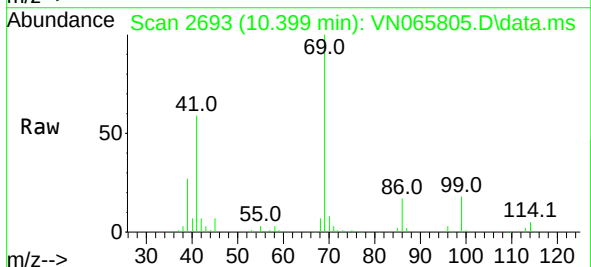
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 86815 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 89.4  | 67.7  | 101.5 |
| 85       | 58.1  | 44.5  | 66.7  |
| 99       | 64.8  | 49.4  | 74.0  |

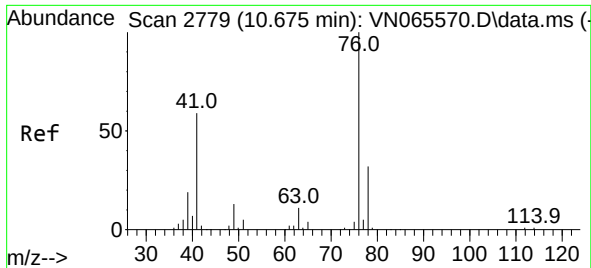


#56  
Ethyl methacrylate  
Concen: 52.78 ug/l  
RT: 10.399 min Scan# 2693  
Delta R.T. -0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 132094 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 58.8  | 49.6  | 74.4   |
| 39       | 25.8  | 28.0  | 42.0   |



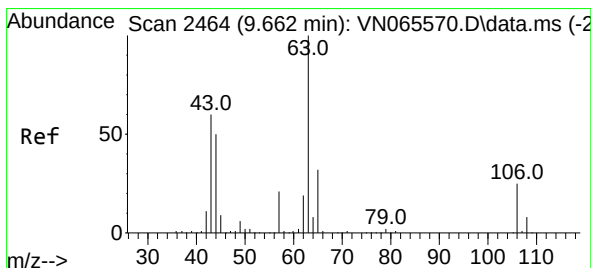
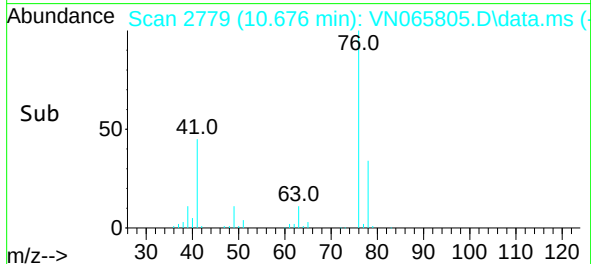
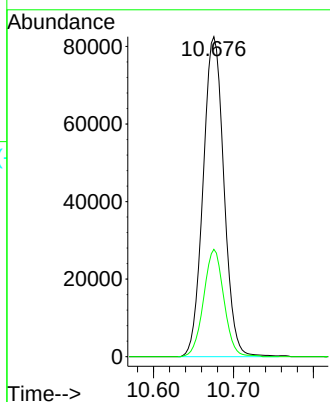
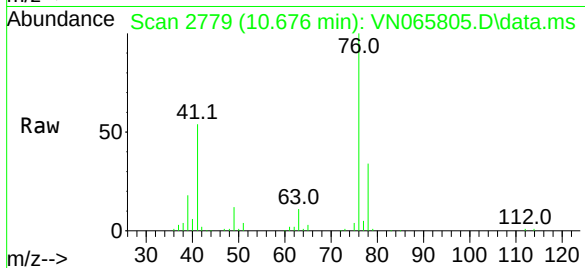




#57  
1,3-Dichloropropane  
Concen: 56.14 ug/l  
RT: 10.676 min Scan# 2779  
Delta R.T. 0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

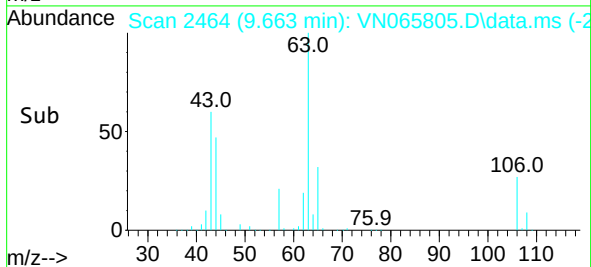
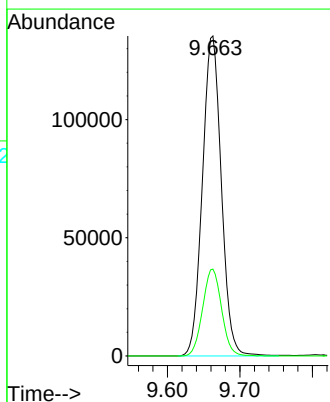
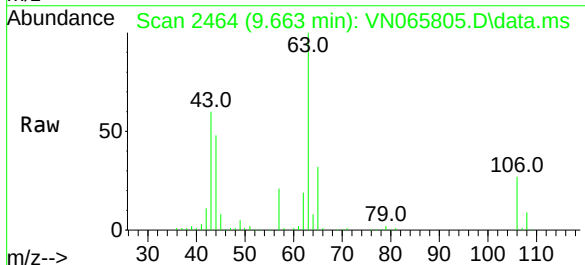
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

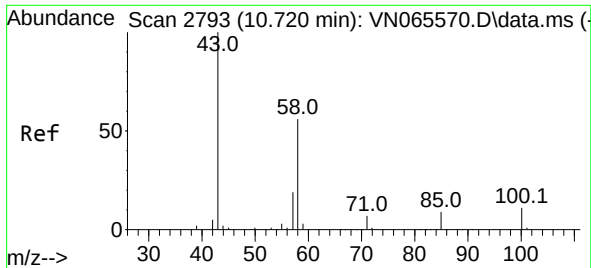
Tgt Ion: 76 Resp: 149545  
Ion Ratio Lower Upper  
76 100  
78 32.7 25.7 38.5



#58  
2-Chloroethyl Vinyl ether  
Concen: 212.11 ug/l  
RT: 9.663 min Scan# 2464  
Delta R.T. 0.001 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion: 63 Resp: 245186  
Ion Ratio Lower Upper  
63 100  
106 27.1 22.6 33.8

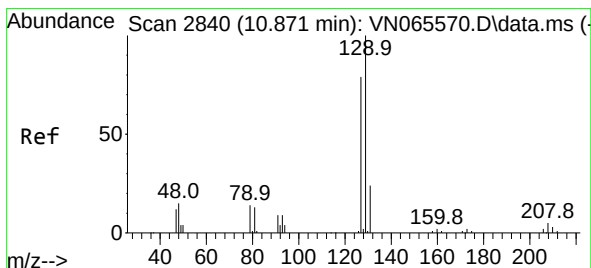
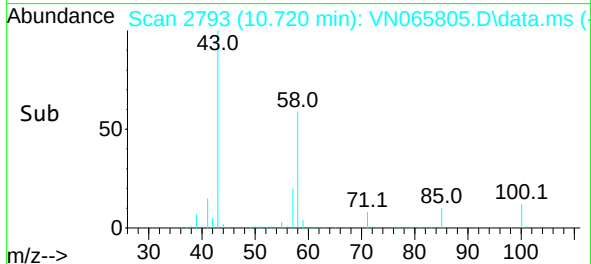
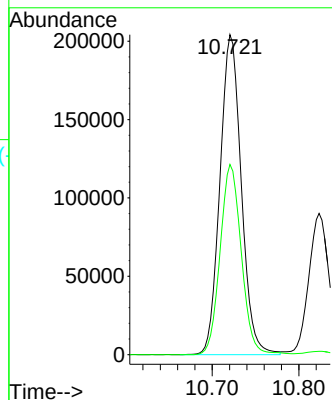
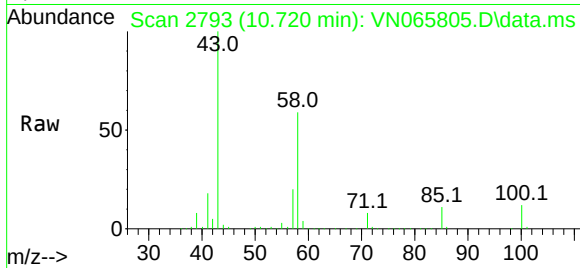




#59  
2-Hexanone  
Concen: 244.49 ug/l  
RT: 10.720 min Scan# 2793  
Delta R.T. 0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

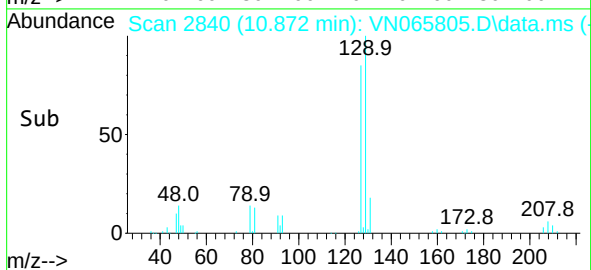
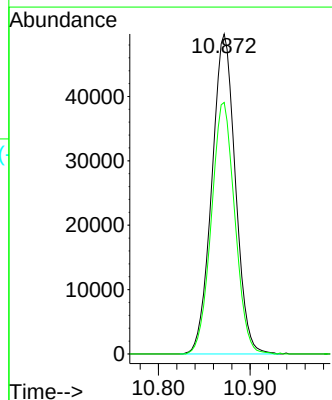
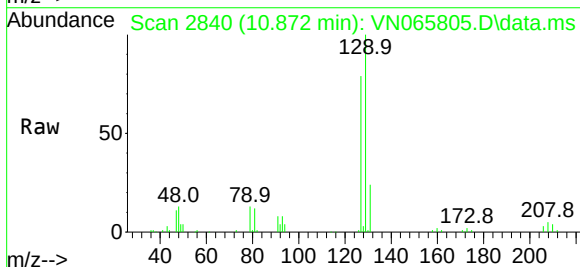
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

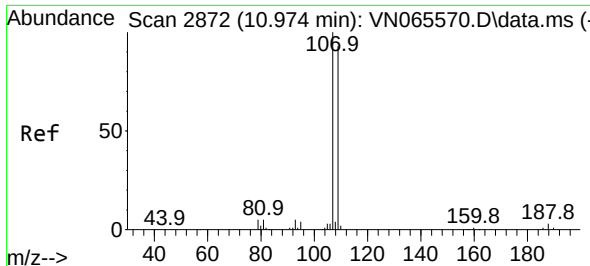
Tgt Ion: 43 Resp: 349186  
Ion Ratio Lower Upper  
43 100  
58 59.2 28.1 84.3



#60  
Dibromochloromethane  
Concen: 57.27 ug/l  
RT: 10.872 min Scan# 2840  
Delta R.T. 0.001 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion: 129 Resp: 88586  
Ion Ratio Lower Upper  
129 100  
127 78.4 38.5 115.5

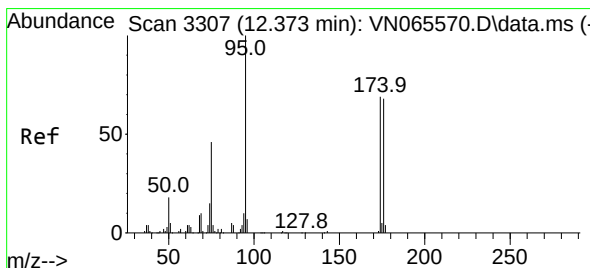
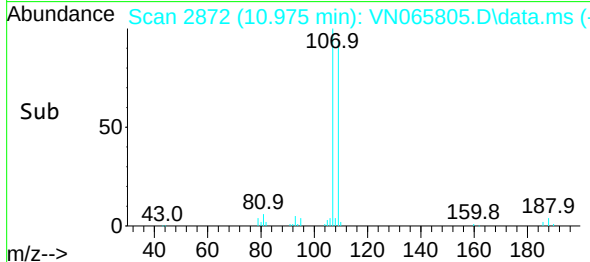
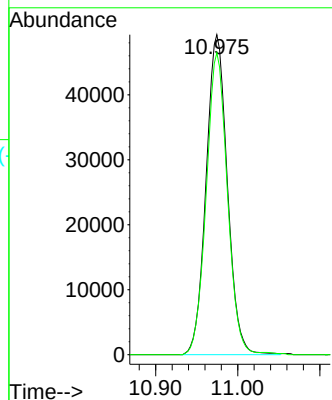
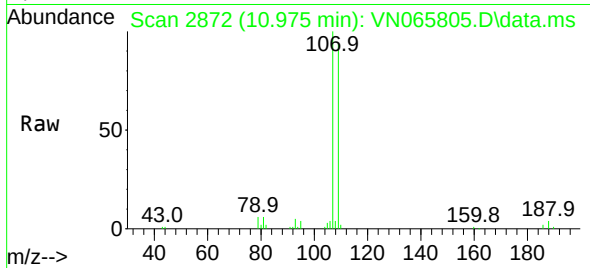




#61  
1,2-Dibromoethane  
Concen: 58.83 ug/l  
RT: 10.975 min Scan# 2872  
Delta R.T. 0.001 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

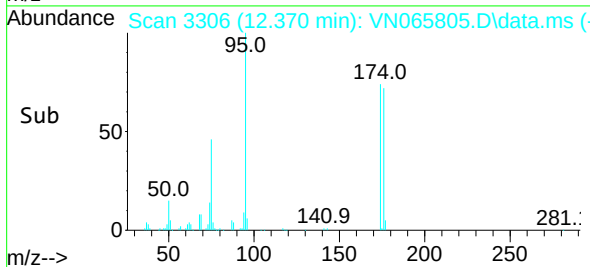
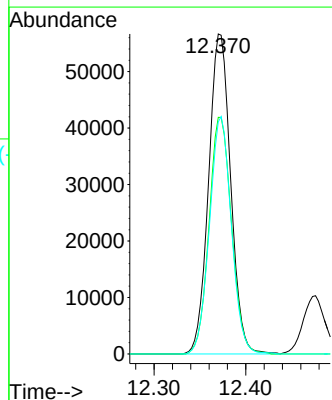
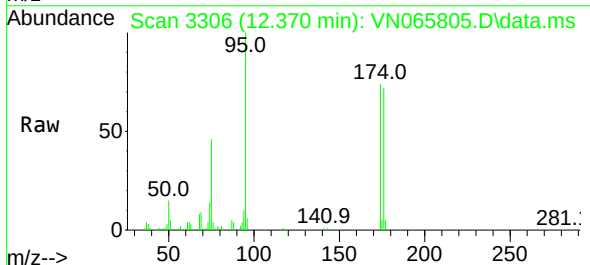
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

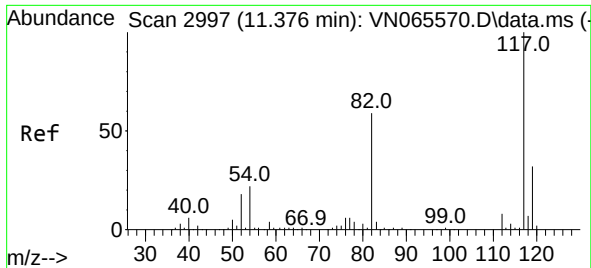
Tgt Ion:107 Resp: 88744  
Ion Ratio Lower Upper  
107 100  
109 93.4 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 51.80 ug/l  
RT: 12.370 min Scan# 3306  
Delta R.T. -0.003 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion: 95 Resp: 94724  
Ion Ratio Lower Upper  
95 100  
174 75.5 0.0 169.0  
176 73.5 0.0 162.4

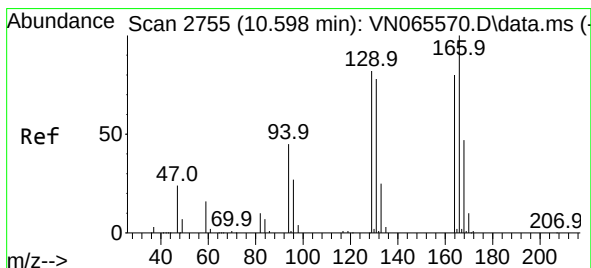
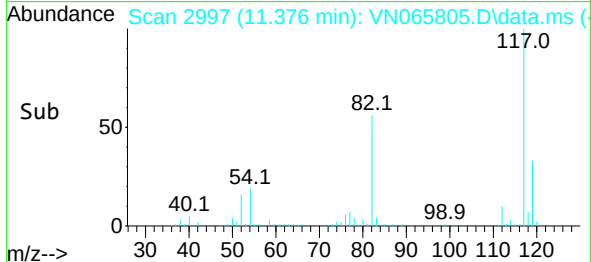
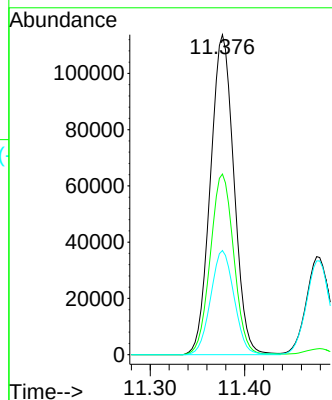
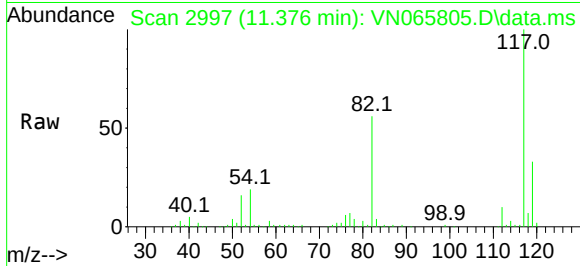




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.376 min Scan# 2997  
Delta R.T. 0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

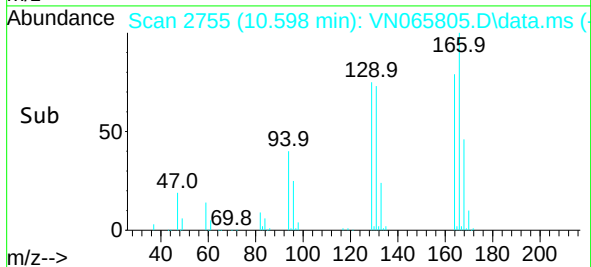
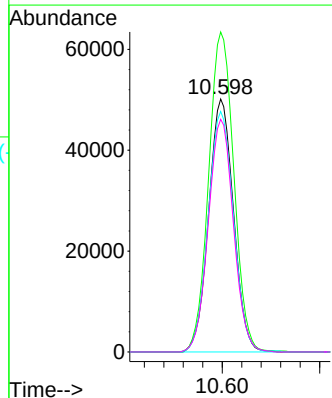
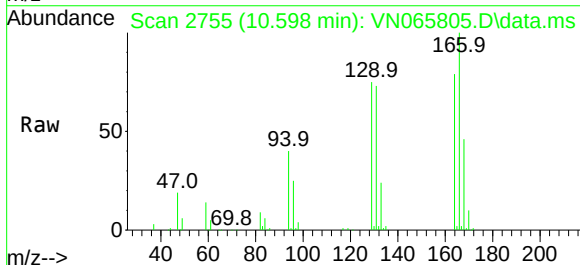
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

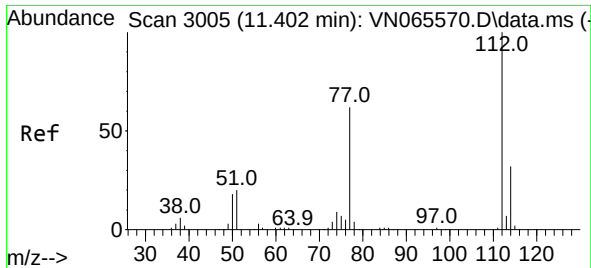
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 196637 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 56.4  | 43.7  | 65.5   |
| 119       | 32.6  | 26.1  | 39.1   |



#64  
Tetrachloroethene  
Concen: 53.81 ug/l  
RT: 10.598 min Scan# 2755  
Delta R.T. 0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 88668 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 166       | 126.5 | 102.6 | 154.0 |
| 129       | 95.1  | 76.2  | 114.4 |
| 131       | 91.9  | 73.4  | 110.2 |

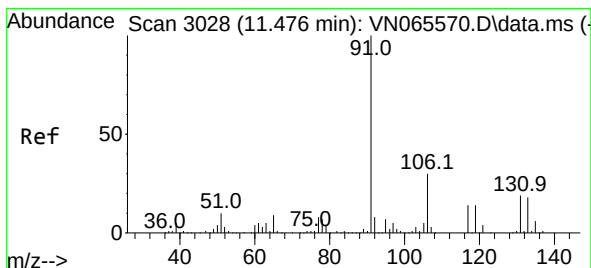
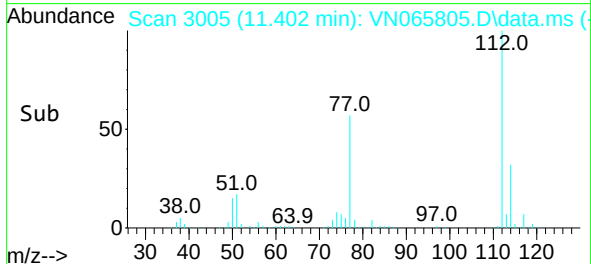
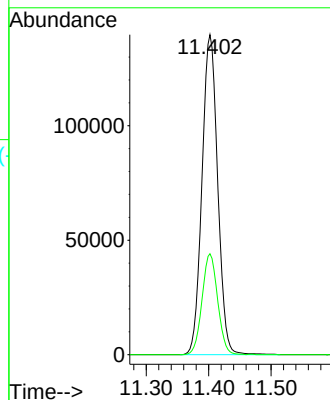
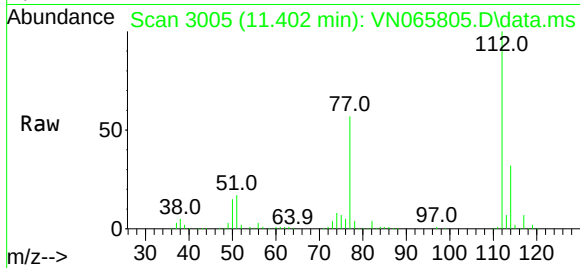




#65  
Chlorobenzene  
Concen: 59.50 ug/l  
RT: 11.402 min Scan# 3005  
Delta R.T. 0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

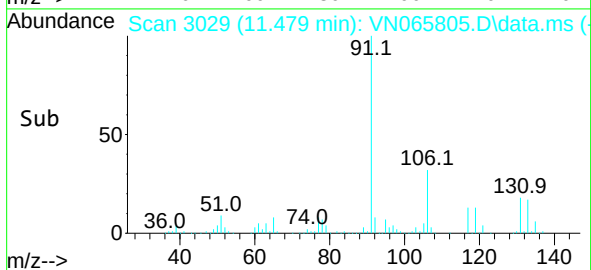
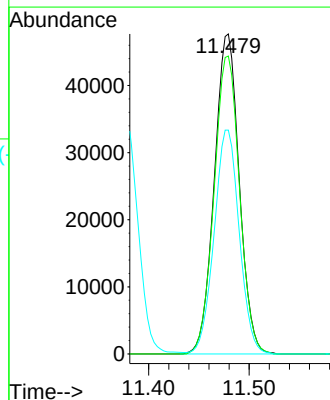
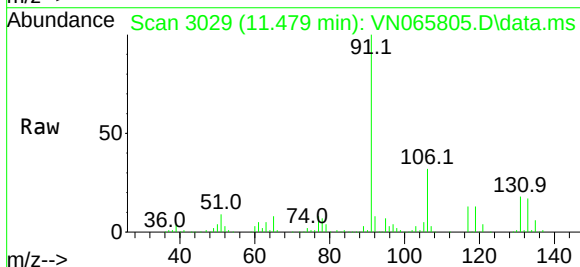
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

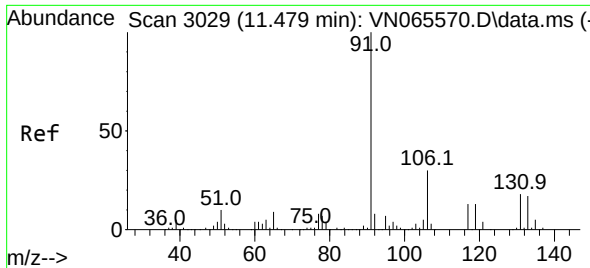
Tgt Ion:112 Resp: 244779  
Ion Ratio Lower Upper  
112 100  
114 31.5 26.1 39.1



#66  
1,1,1,2-Tetrachloroethane  
Concen: 56.33 ug/l  
RT: 11.479 min Scan# 3029  
Delta R.T. 0.003 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion:131 Resp: 81921  
Ion Ratio Lower Upper  
131 100  
133 95.4 48.0 144.0  
119 70.7 34.1 102.2

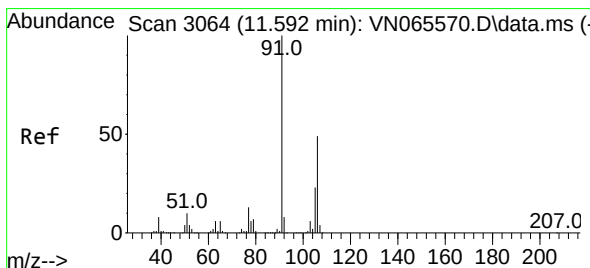
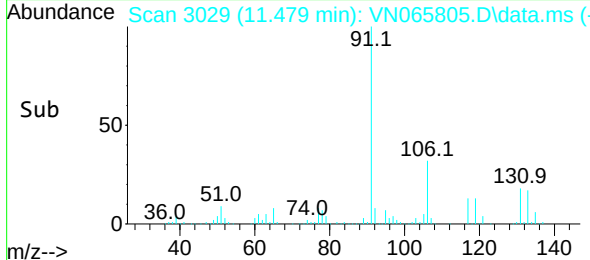
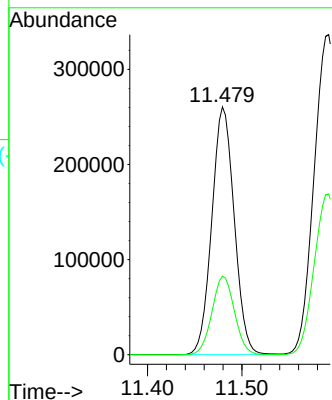
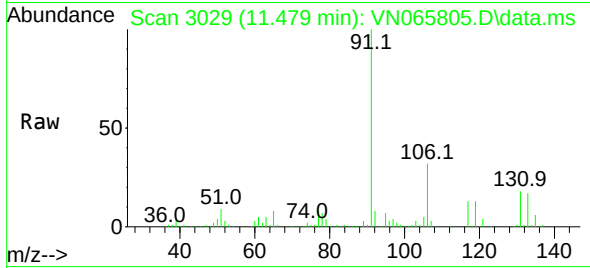




#67  
Ethyl Benzene  
Concen: 55.55 ug/l  
RT: 11.479 min Scan# 3029  
Delta R.T. 0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

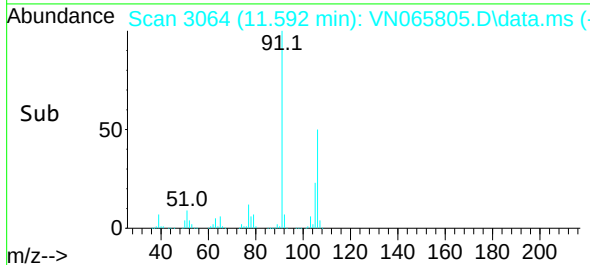
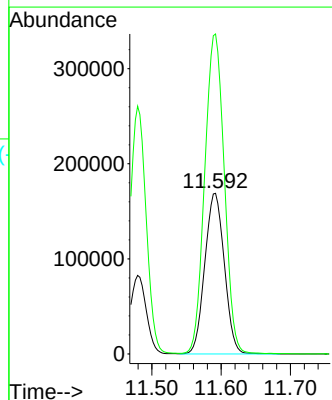
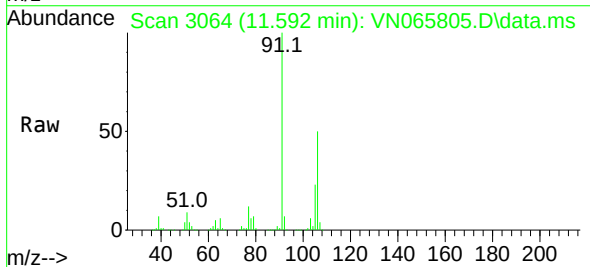
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

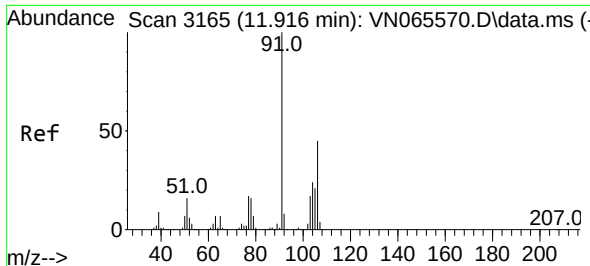
Tgt Ion: 91 Resp: 429279  
Ion Ratio Lower Upper  
91 100  
106 31.7 25.5 38.3



#68  
m/p-Xylenes  
Concen: 118.03 ug/l  
RT: 11.592 min Scan# 3064  
Delta R.T. -0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion:106 Resp: 330212  
Ion Ratio Lower Upper  
106 100  
91 198.9 161.4 242.0

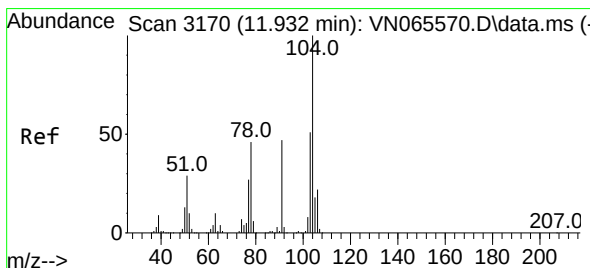
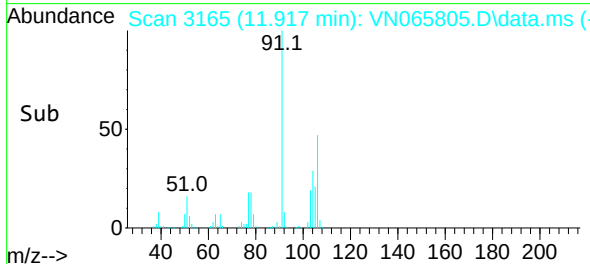
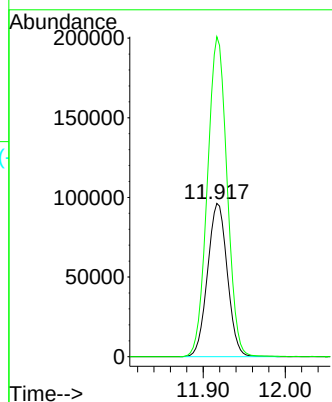
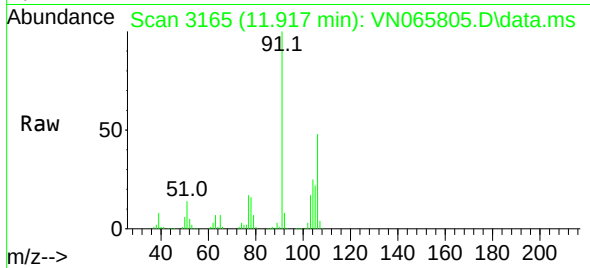




#69  
o-Xylene  
Concen: 59.37 ug/l  
RT: 11.917 min Scan# 3165  
Delta R.T. 0.001 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

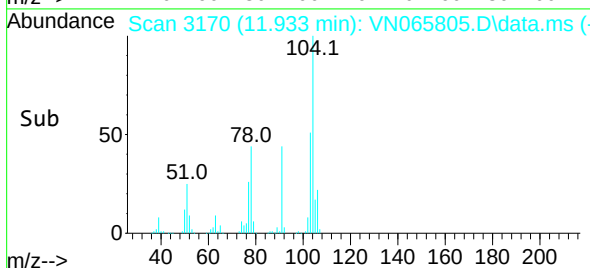
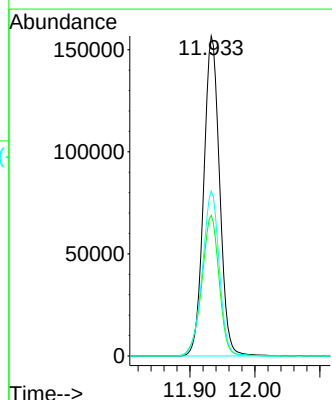
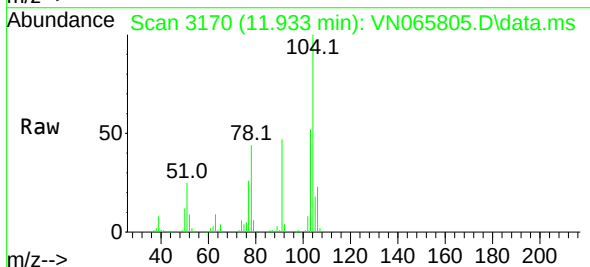
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

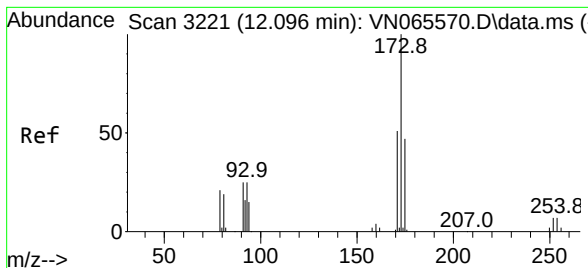
Tgt Ion:106 Resp: 160958  
Ion Ratio Lower Upper  
106 100  
91 208.1 106.8 320.4



#70  
Styrene  
Concen: 59.93 ug/l  
RT: 11.933 min Scan# 3170  
Delta R.T. 0.001 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion:104 Resp: 267411  
Ion Ratio Lower Upper  
104 100  
78 47.8 39.0 58.4  
103 54.8 44.5 66.7

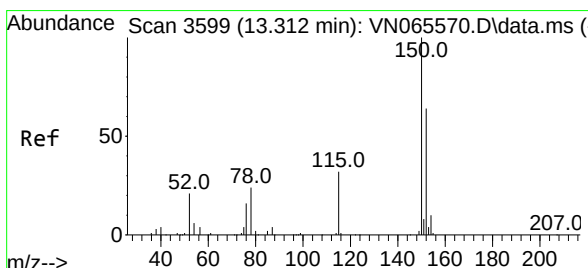
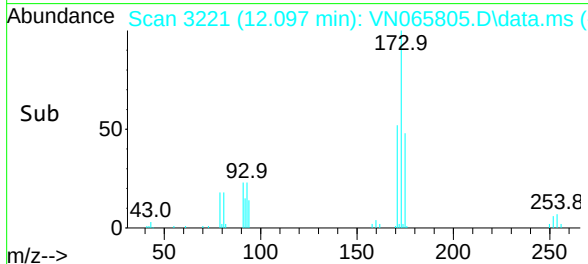
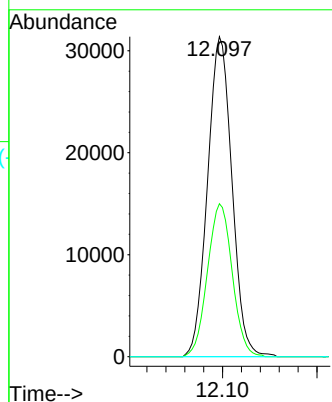
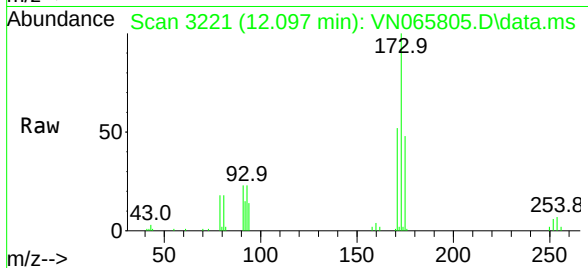




#71  
Bromoform  
Concen: 55.98 ug/l  
RT: 12.097 min Scan# 3221  
Delta R.T. 0.001 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

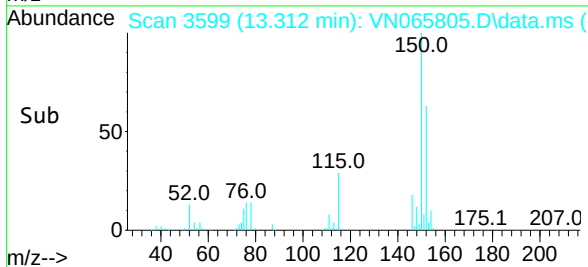
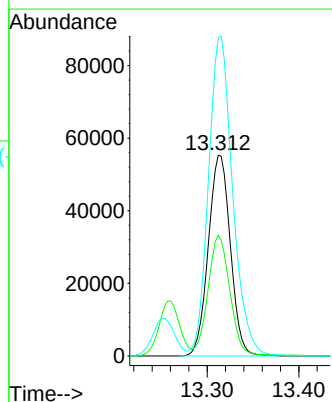
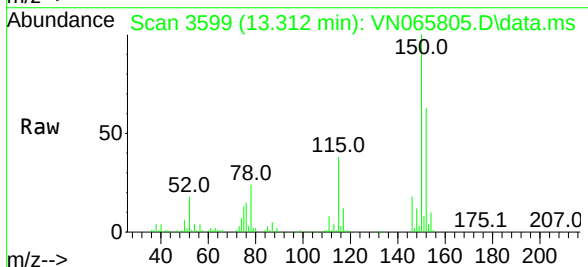
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:173 Resp: 56271  
Ion Ratio Lower Upper  
173 100  
175 48.5 23.8 71.2  
254 0.0 0.0 0.0

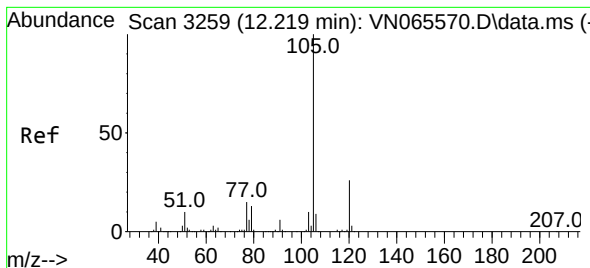


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.312 min Scan# 3599  
Delta R.T. 0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion:152 Resp: 92361  
Ion Ratio Lower Upper  
152 100  
115 60.2 28.5 85.6  
150 174.8 0.0 347.6



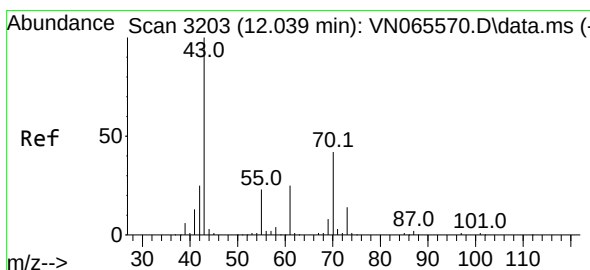
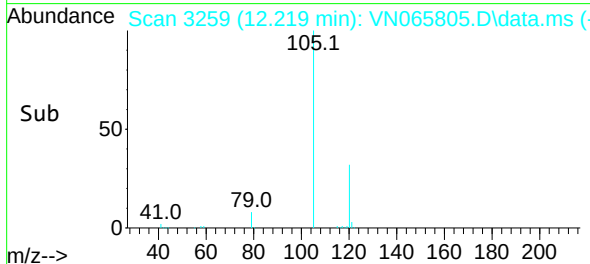
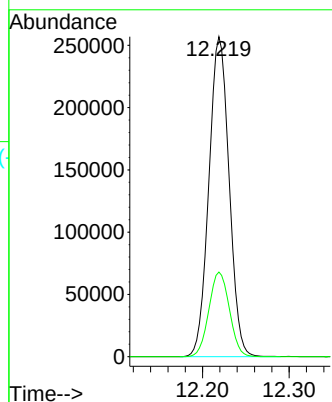
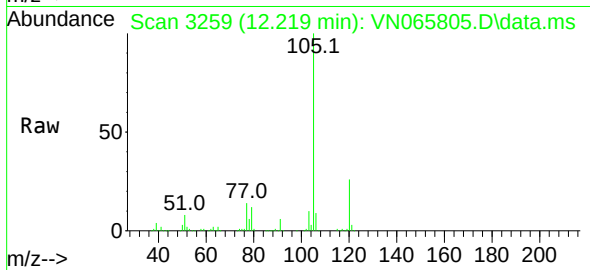




#73  
Isopropylbenzene  
Concen: 51.49 ug/l  
RT: 12.219 min Scan# 3259  
Delta R.T. -0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

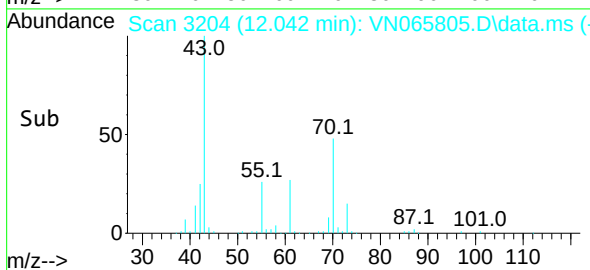
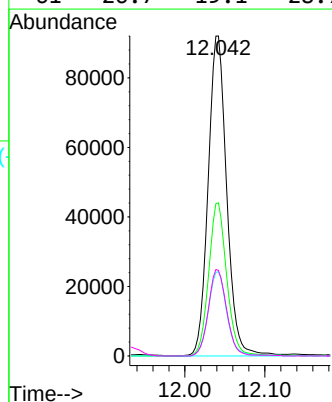
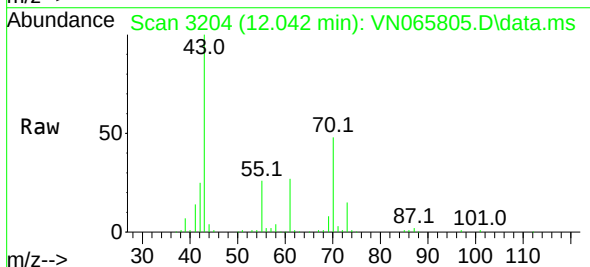
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

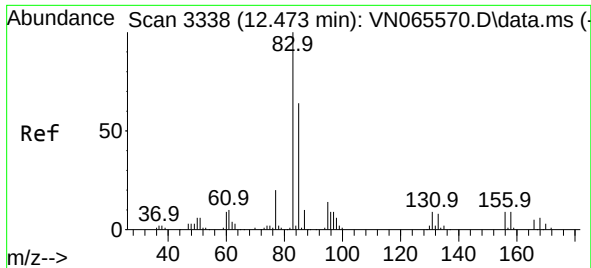
Tgt Ion:105 Resp: 416403  
Ion Ratio Lower Upper  
105 100  
120 26.8 13.3 39.9



#74  
N-ethyl acetate  
Concen: 43.51 ug/l  
RT: 12.042 min Scan# 3204  
Delta R.T. 0.003 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion: 43 Resp: 148843  
Ion Ratio Lower Upper  
43 100  
70 46.6 34.4 51.6  
55 26.3 20.7 31.1  
61 26.7 19.1 28.7

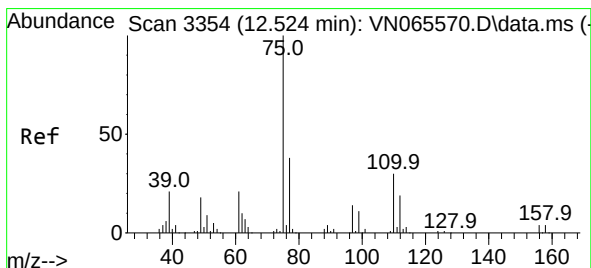
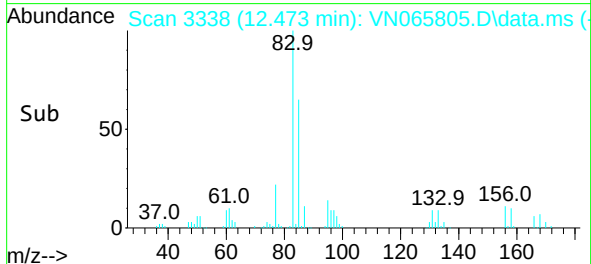
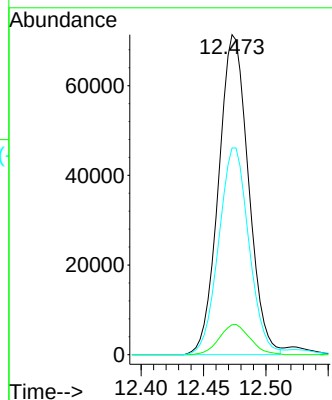
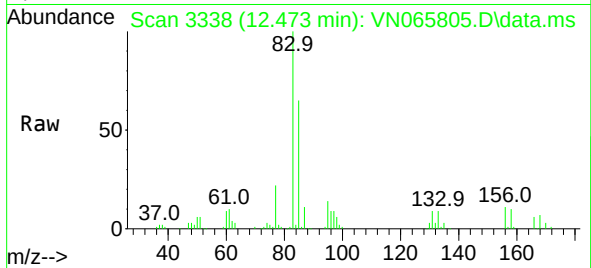




#75  
1,1,2,2-Tetrachloroethane  
Concen: 49.89 ug/l  
RT: 12.473 min Scan# 3338  
Delta R.T. -0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

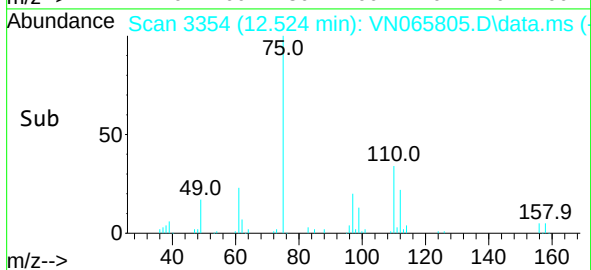
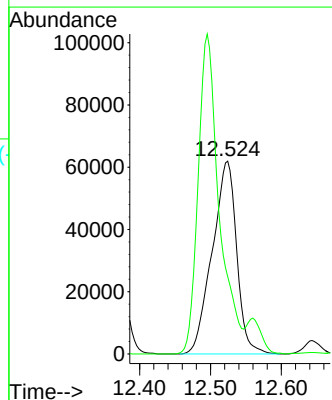
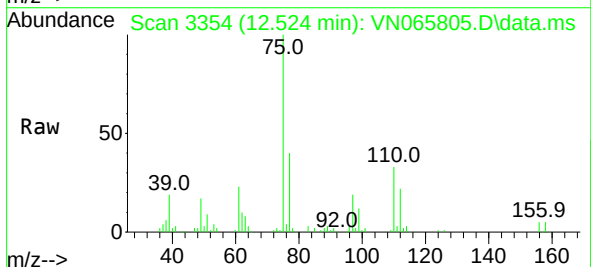
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ClientSampleId :  
VSTDCCC050EC

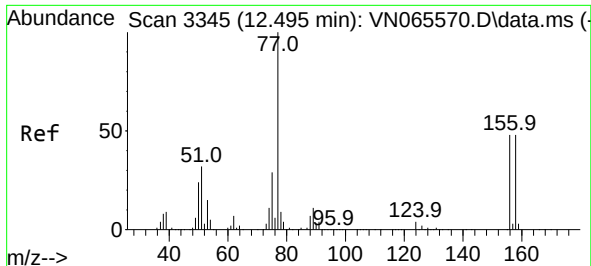
Tgt Ion: 83 Resp: 119146  
Ion Ratio Lower Upper  
83 100  
131 9.7 5.3 15.8  
85 65.5 32.0 96.0



#76  
1,2,3-Trichloropropane  
Concen: 61.51 ug/l  
RT: 12.524 min Scan# 3354  
Delta R.T. 0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion: 75 Resp: 148555  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

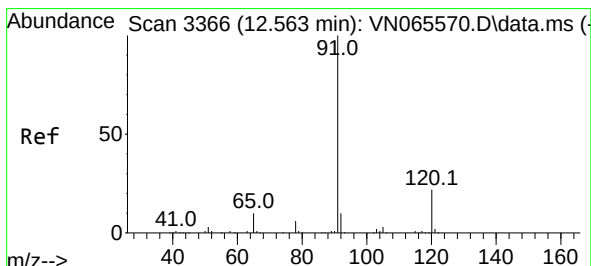
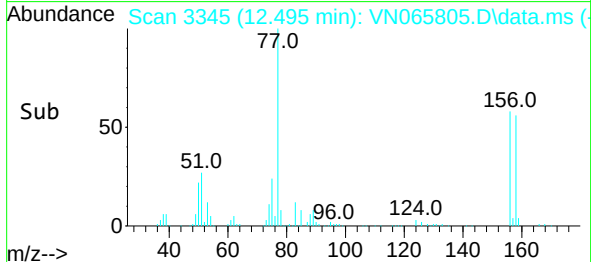
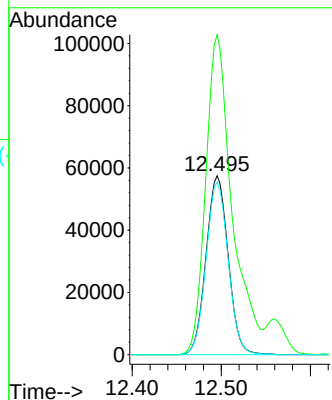
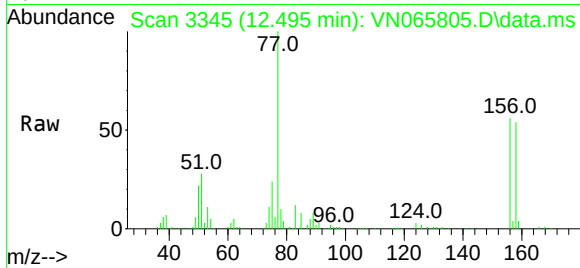




#77  
Bromobenzene  
Concen: 56.63 ug/l  
RT: 12.495 min Scan# 3345  
Delta R.T. 0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

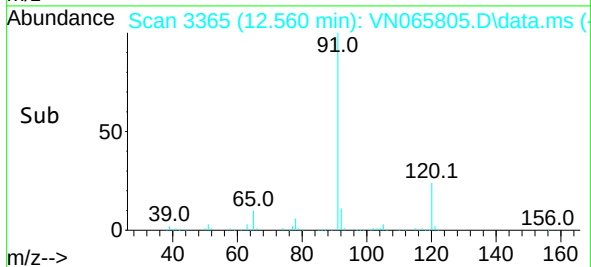
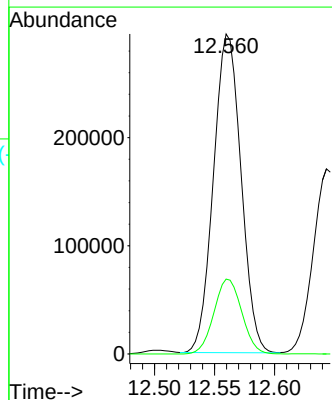
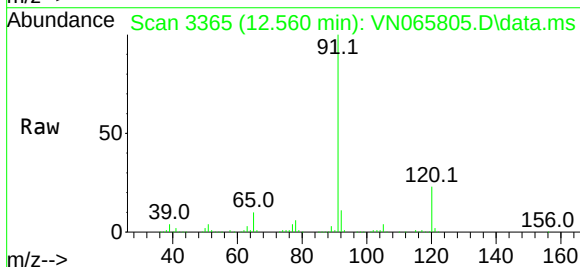
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

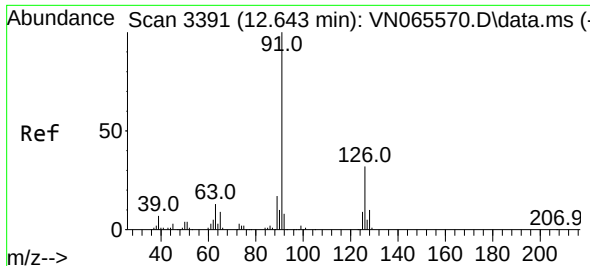
Tgt Ion:156 Resp: 99161  
Ion Ratio Lower Upper  
156 100  
77 213.7 96.3 288.8  
158 96.5 49.0 147.0



#78  
n-propylbenzene  
Concen: 49.37 ug/l  
RT: 12.560 min Scan# 3365  
Delta R.T. -0.003 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion: 91 Resp: 470528  
Ion Ratio Lower Upper  
91 100  
120 23.7 11.8 35.3

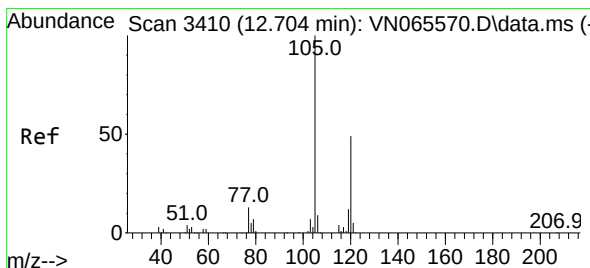
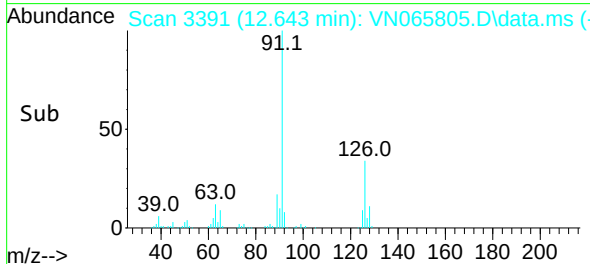
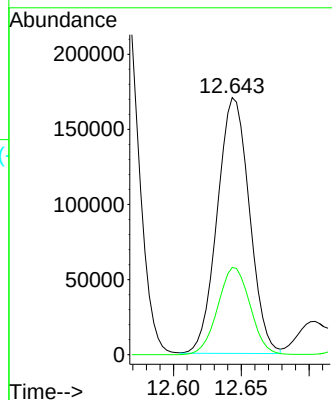
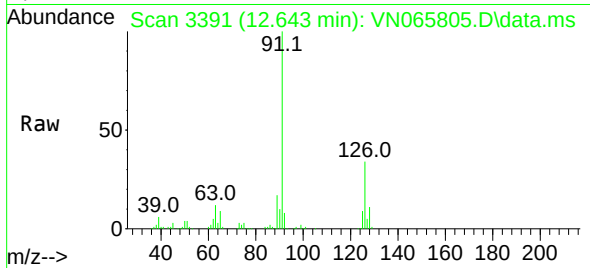




#79  
2-Chlorotoluene  
Concen: 49.62 ug/l  
RT: 12.643 min Scan# 3391  
Delta R.T. 0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

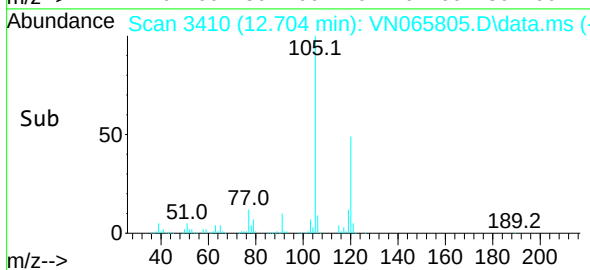
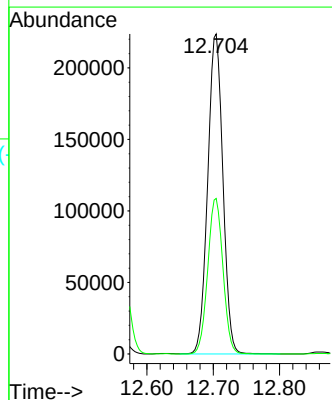
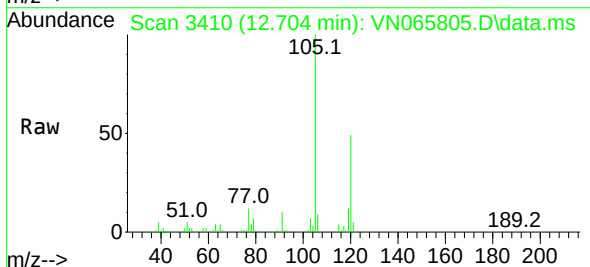
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

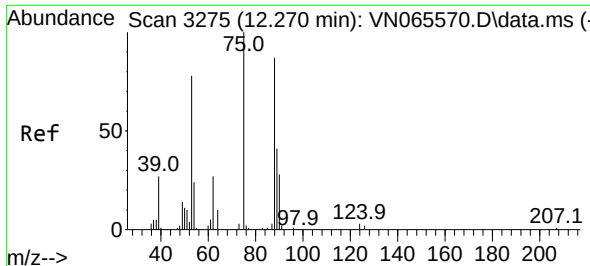
Tgt Ion: 91 Resp: 280859  
Ion Ratio Lower Upper  
91 100  
126 34.4 17.4 52.3



#80  
1,3,5-Trimethylbenzene  
Concen: 51.63 ug/l  
RT: 12.704 min Scan# 3410  
Delta R.T. 0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion: 105 Resp: 355459  
Ion Ratio Lower Upper  
105 100  
120 48.7 24.3 72.8

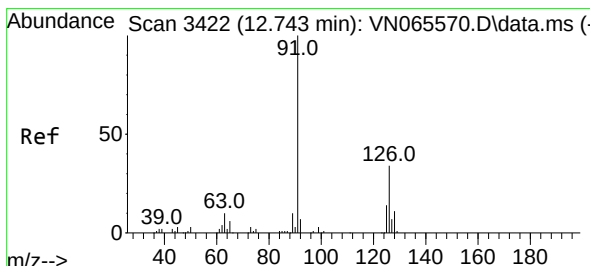
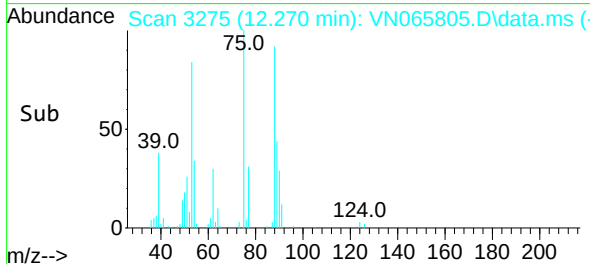
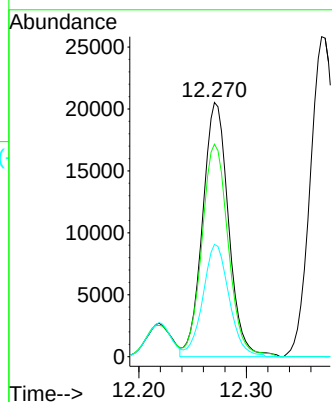
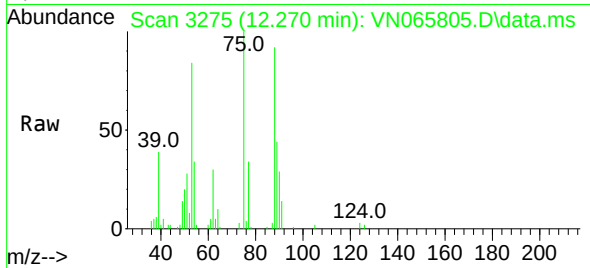




#81  
trans-1,4-Dichloro-2-butene  
Concen: 36.45 ug/l  
RT: 12.270 min Scan# 3275  
Delta R.T. 0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

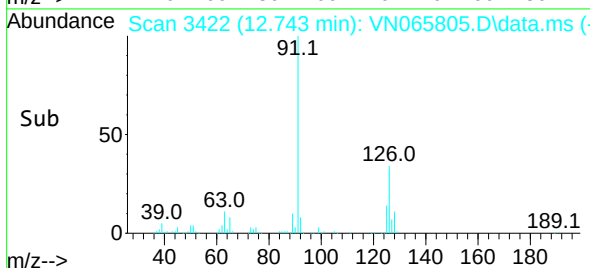
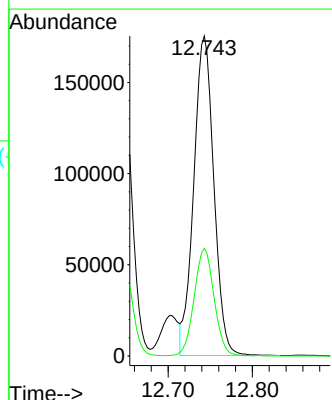
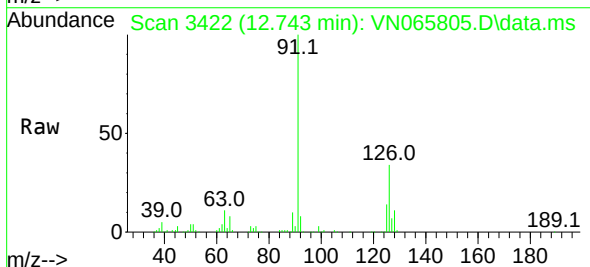
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

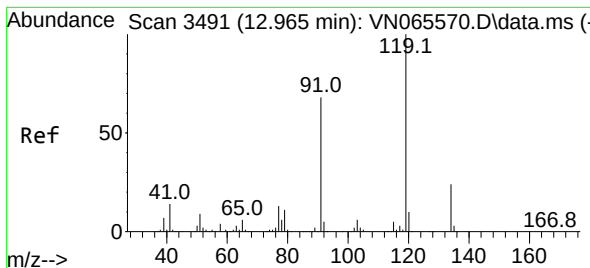
Tgt Ion: 75 Resp: 34367  
Ion Ratio Lower Upper  
75 100  
53 84.7 74.6 111.8  
89 44.5 35.8 53.8



#82  
4-Chlorotoluene  
Concen: 50.22 ug/l  
RT: 12.743 min Scan# 3422  
Delta R.T. -0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion: 91 Resp: 290205  
Ion Ratio Lower Upper  
91 100  
126 33.5 17.2 51.6

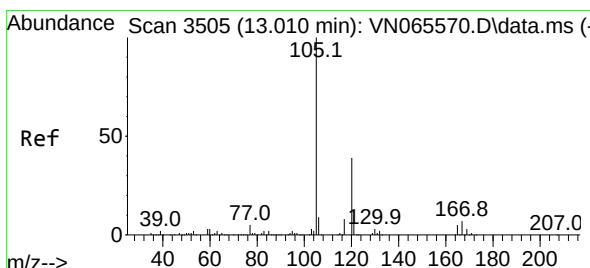
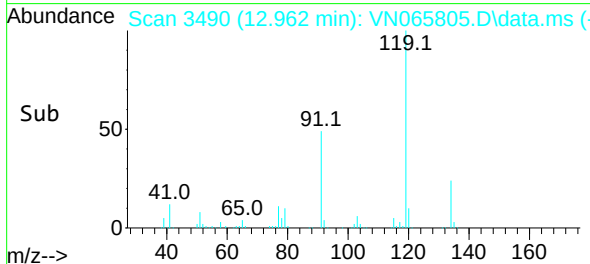
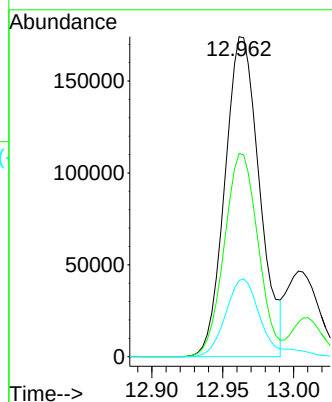
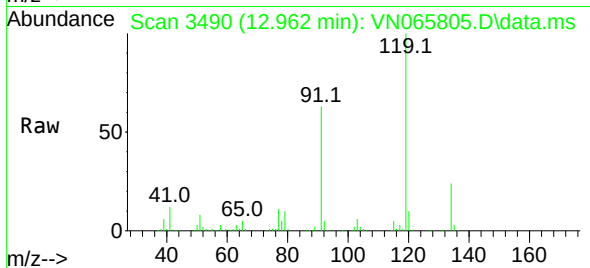




#83  
tert-Butylbenzene  
Concen: 51.54 ug/l  
RT: 12.962 min Scan# 3490  
Delta R.T. -0.003 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

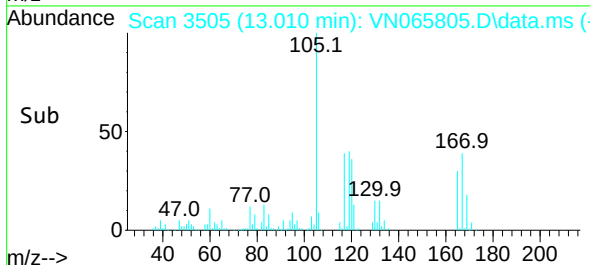
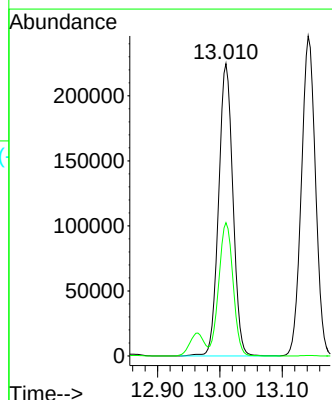
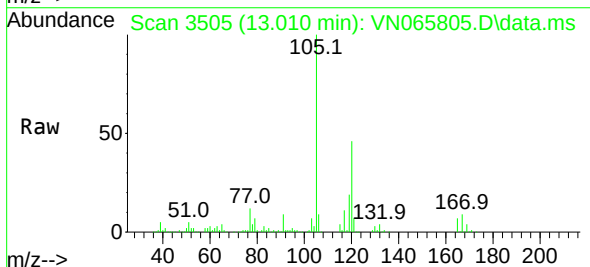
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ClientSampleId :  
VSTDCCC050EC

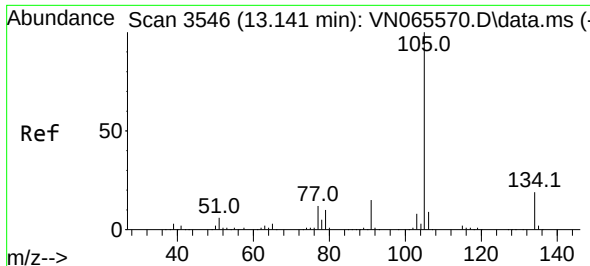
Tgt Ion:119 Resp: 295916  
Ion Ratio Lower Upper  
119 100  
91 62.1 33.0 98.9  
134 25.1 12.7 38.1



#84  
1,2,4-Trimethylbenzene  
Concen: 51.94 ug/l  
RT: 13.010 min Scan# 3505  
Delta R.T. -0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion:105 Resp: 356665  
Ion Ratio Lower Upper  
105 100  
120 45.8 22.4 67.0

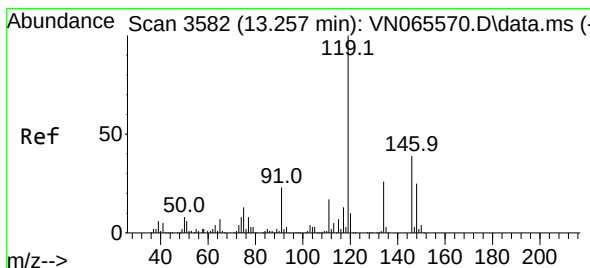
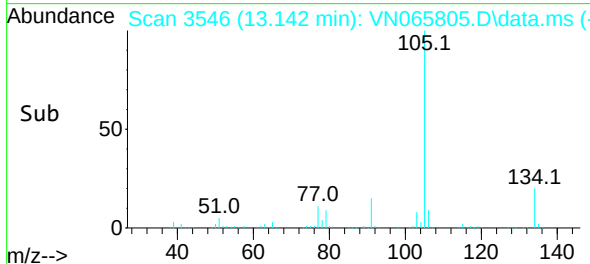
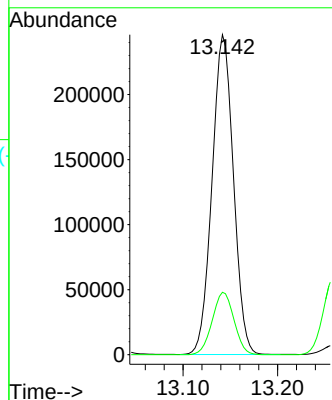
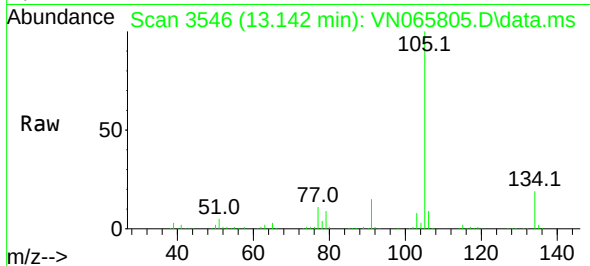




#85  
 sec-Butylbenzene  
 Concen: 49.82 ug/l  
 RT: 13.142 min Scan# 3546  
 Delta R.T. 0.001 min  
 Lab File: VN065805.D  
 Acq: 10 Feb 2021 19:16

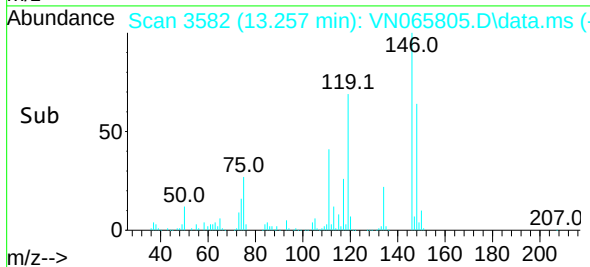
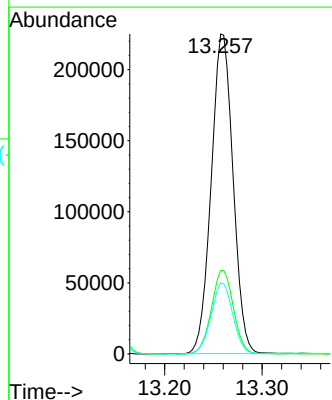
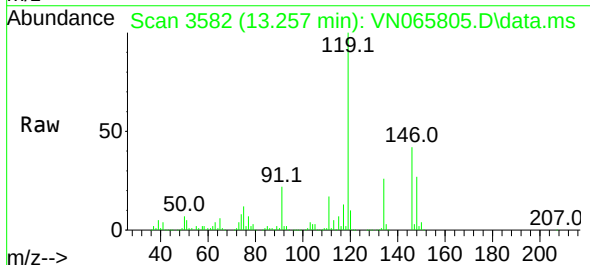
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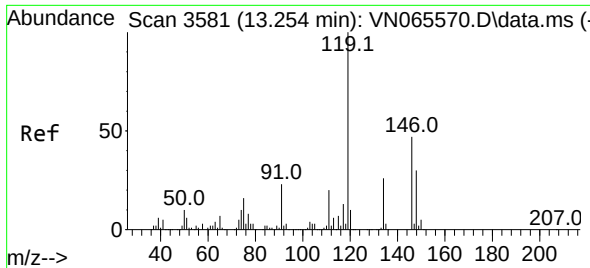
Tgt Ion:105 Resp: 386203  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 10.0 30.0



#86  
 p-Isopropyltoluene  
 Concen: 51.07 ug/l  
 RT: 13.257 min Scan# 3582  
 Delta R.T. 0.000 min  
 Lab File: VN065805.D  
 Acq: 10 Feb 2021 19:16

Tgt Ion:119 Resp: 349557  
 Ion Ratio Lower Upper  
 119 100  
 134 26.4 13.3 39.8  
 91 22.3 11.8 35.3

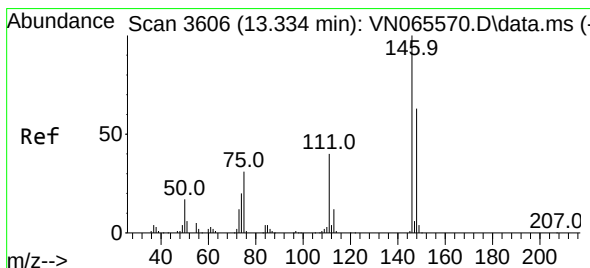
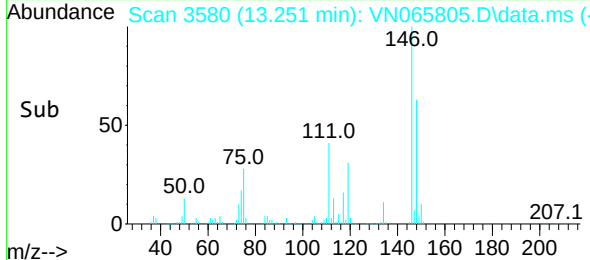
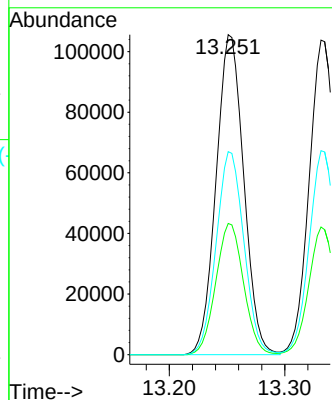
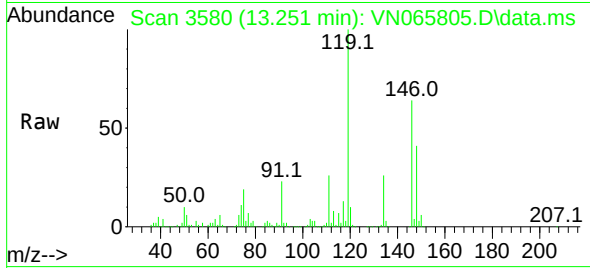




#87  
1,3-Dichlorobenzene  
Concen: 56.38 ug/l  
RT: 13.251 min Scan# 3580  
Delta R.T. -0.003 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

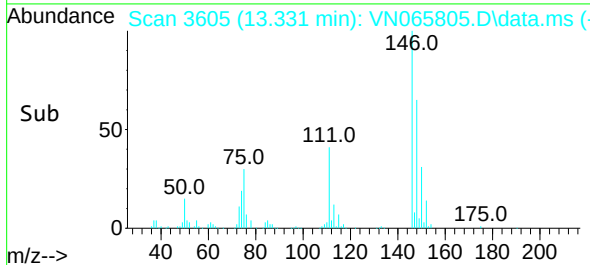
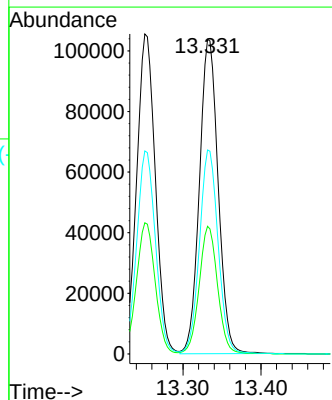
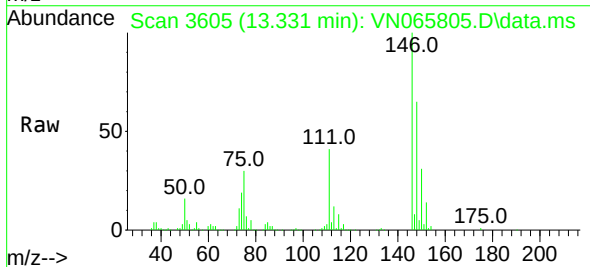
Instrument :  
MSVOA\_N  
ClientSampleId :  
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Tgt Ion:146 Resp: 175988  
Ion Ratio Lower Upper  
146 100  
111 41.1 19.5 58.5  
148 63.8 32.3 96.9

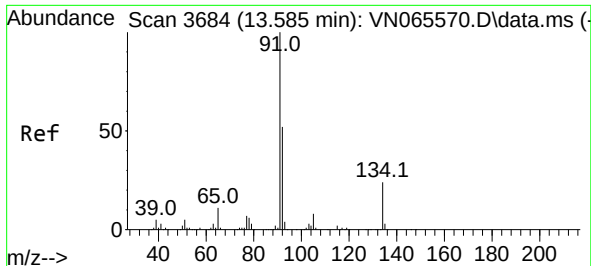


#88  
1,4-Dichlorobenzene  
Concen: 54.70 ug/l  
RT: 13.331 min Scan# 3605  
Delta R.T. -0.003 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion:146 Resp: 173268  
Ion Ratio Lower Upper  
146 100  
111 39.6 19.0 57.0  
148 64.3 31.8 95.3



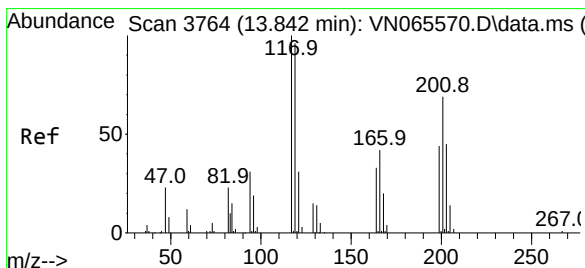
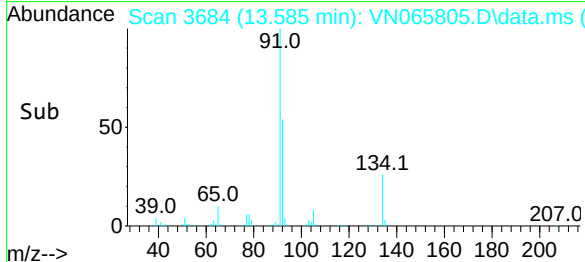
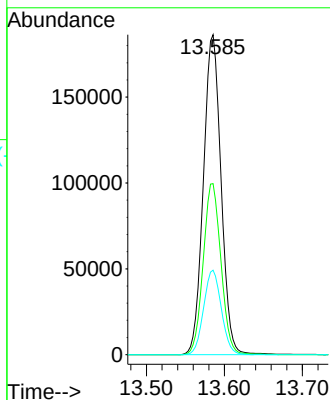
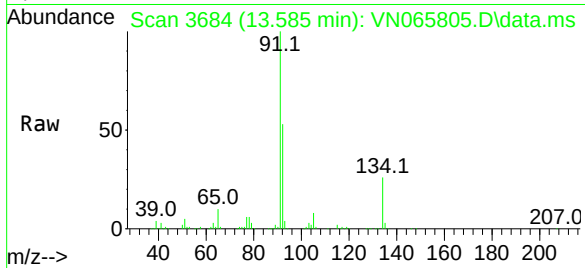




#89  
n-Butylbenzene  
Concen: 47.81 ug/l  
RT: 13.585 min Scan# 3684  
Delta R.T. 0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

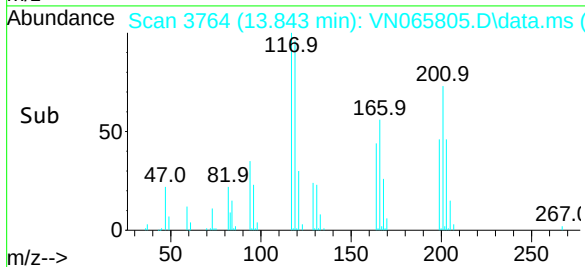
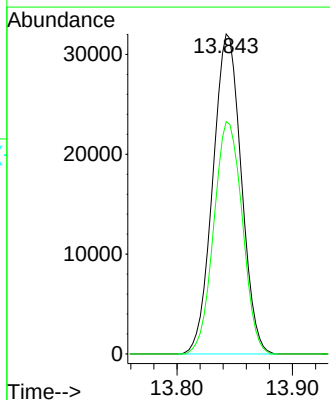
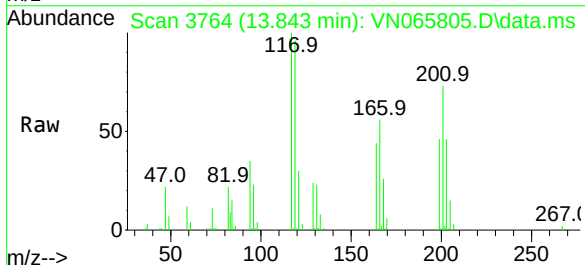
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ClientSampleId :  
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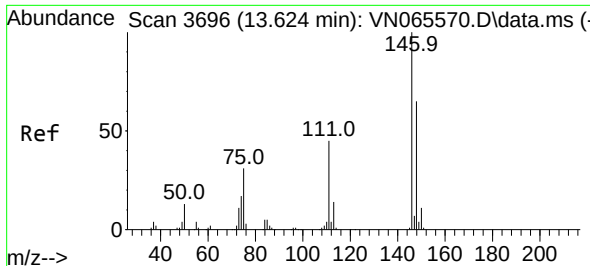
Tgt Ion: 91 Resp: 293952  
Ion Ratio Lower Upper  
91 100  
92 53.7 26.1 78.3  
134 26.4 13.0 38.9



#90  
Hexachloroethane  
Concen: 45.76 ug/l  
RT: 13.843 min Scan# 3764  
Delta R.T. 0.001 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion: 117 Resp: 54801  
Ion Ratio Lower Upper  
117 100  
201 72.8 37.8 113.3

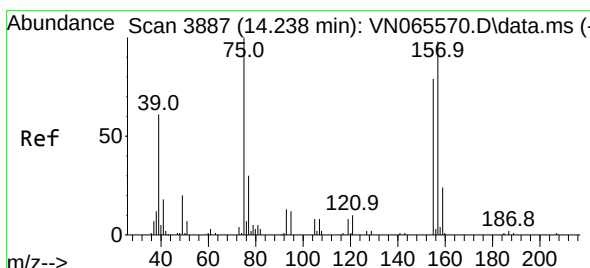
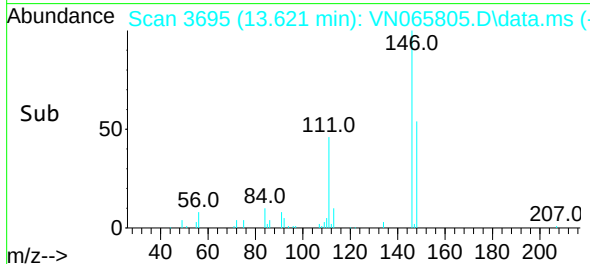
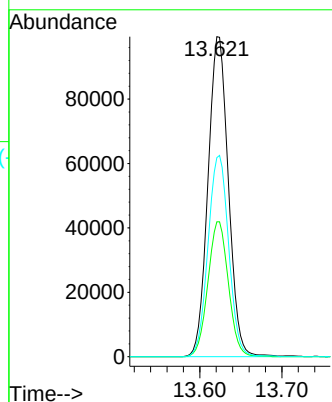
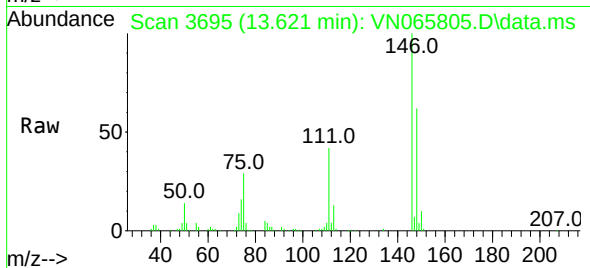




#91  
1,2-Dichlorobenzene  
Concen: 55.53 ug/l  
RT: 13.621 min Scan# 3695  
Delta R.T. -0.003 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

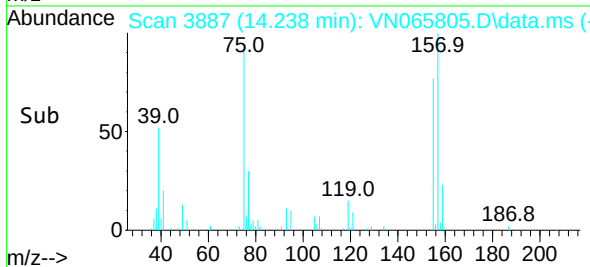
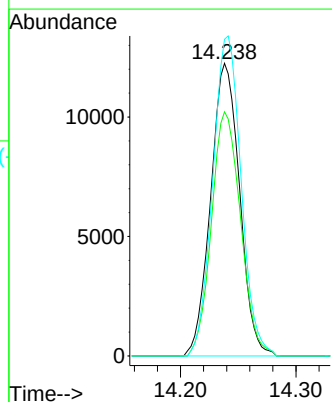
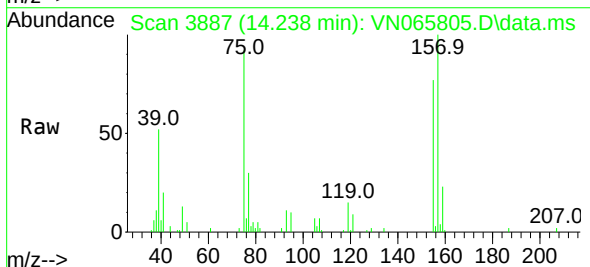
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ClientSampleId :  
VSTDCCC050EC

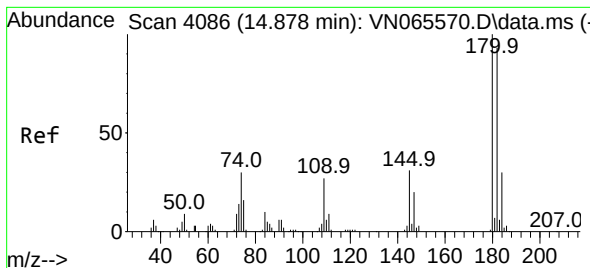
Tgt Ion:146 Resp: 171975  
Ion Ratio Lower Upper  
146 100  
111 42.4 20.1 60.3  
148 63.7 32.0 96.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 44.95 ug/l  
RT: 14.238 min Scan# 3887  
Delta R.T. 0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion: 75 Resp: 21305  
Ion Ratio Lower Upper  
75 100  
155 84.0 44.1 132.4  
157 107.4 56.0 168.2

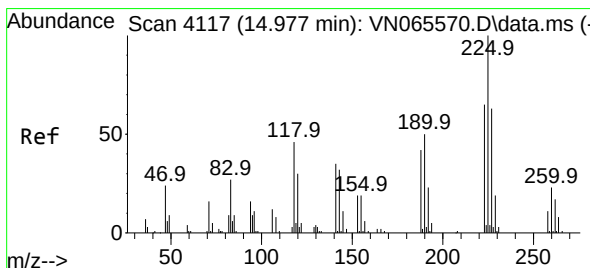
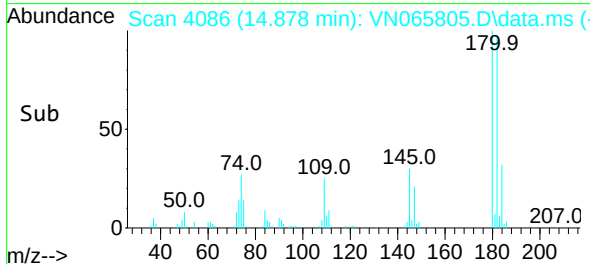
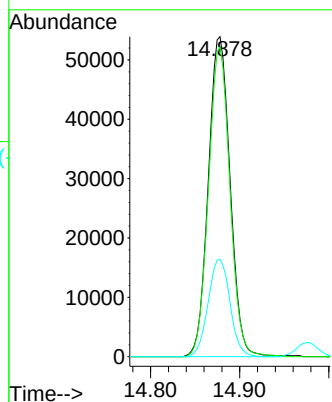
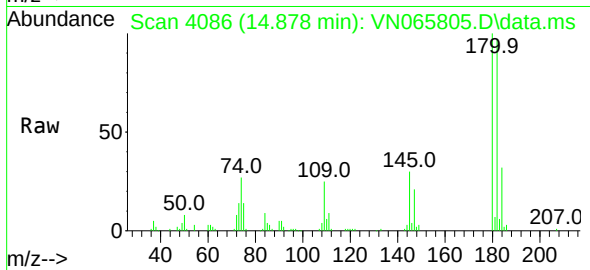




#93  
1,2,4-Trichlorobenzene  
Concen: 48.76 ug/l  
RT: 14.878 min Scan# 4086  
Delta R.T. -0.000 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

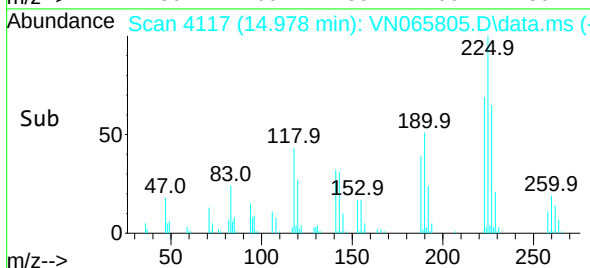
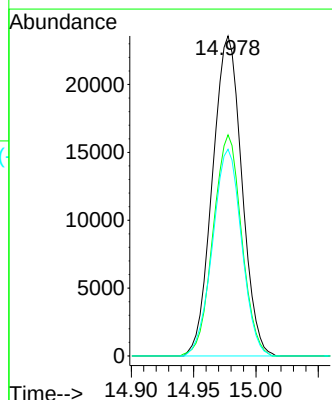
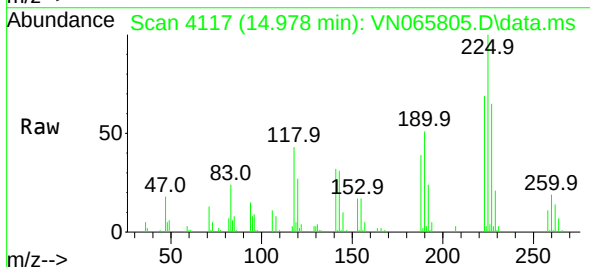
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

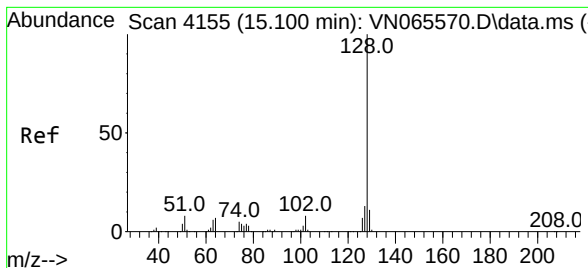
Tgt Ion:180 Resp: 91343  
Ion Ratio Lower Upper  
180 100  
182 95.2 47.3 142.0  
145 30.6 15.6 46.8



#94  
Hexachlorobutadiene  
Concen: 50.45 ug/l  
RT: 14.978 min Scan# 4117  
Delta R.T. 0.001 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion:225 Resp: 38625  
Ion Ratio Lower Upper  
225 100  
223 67.2 31.9 95.9  
227 63.9 31.6 95.0

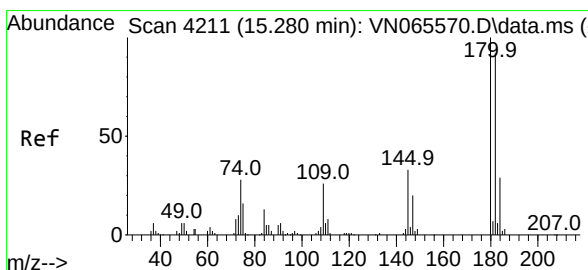
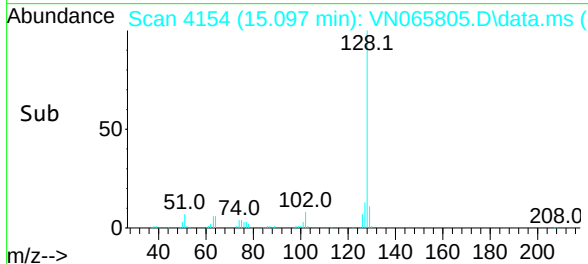
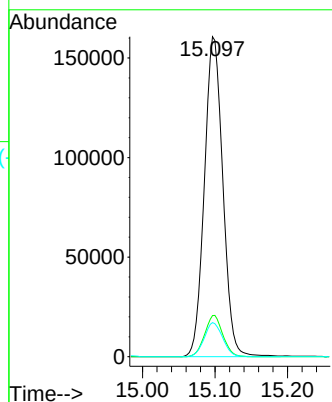
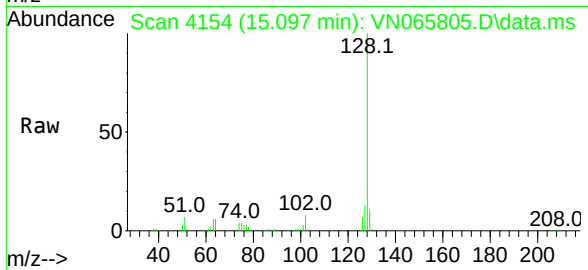




#95  
Naphthalene  
Concen: 47.72 ug/l  
RT: 15.097 min Scan# 4154  
Delta R.T. -0.003 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 284524  
Ion Ratio Lower Upper  
128 100  
127 12.6 10.2 15.2  
129 10.7 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 49.85 ug/l  
RT: 15.277 min Scan# 4210  
Delta R.T. -0.003 min  
Lab File: VN065805.D  
Acq: 10 Feb 2021 19:16

Tgt Ion:180 Resp: 92113  
Ion Ratio Lower Upper  
180 100  
182 94.0 47.4 142.3  
145 32.4 16.5 49.5

