

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN060822\  
 Data File : VN072706.D  
 Acq On : 08 Jun 2022 18:16  
 Operator : JC\MD  
 Sample : VSTDICC100  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC100

Quant Time: Jun 09 04:23:50 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060822W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 09 04:20:11 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.081  | 168  | 172214   | 50.000 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene    | 8.963  | 114  | 323243   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.739 | 117  | 347237   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.674 | 152  | 166194   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |           |
|-----------------------------|--------|-------|----------|----------|------|-----------|
| System Monitoring Compounds |        |       |          |          |      |           |
| 33) 1,2-Dichloroethane-d4   | 8.433  | 65    | 463469   | 186.190  | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 372.380%# |
| 35) Dibromofluoromethane    | 8.016  | 113   | 315198   | 134.867  | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 269.740%# |
| 50) Toluene-d8              | 10.439 | 98    | 1286737  | 142.938  | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 285.880%# |
| 62) 4-Bromofluorobenzene    | 12.727 | 95    | 480930   | 161.045  | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 322.080%# |

|                              |       |     |         |          |        |      |
|------------------------------|-------|-----|---------|----------|--------|------|
| Target Compounds             |       |     |         |          | Qvalue |      |
| 2) Dichlorodifluoromethane   | 2.063 | 85  | 272843  | 149.069  | ug/l   | 95   |
| 3) Chloromethane             | 2.293 | 50  | 302192  | 124.870  | ug/l   | 100  |
| 4) Vinyl Chloride            | 2.434 | 62  | 288259  | 157.061  | ug/l   | 99   |
| 5) Bromomethane              | 2.810 | 94  | 131347  | 124.218  | ug/l   | 100  |
| 6) Chloroethane              | 2.975 | 64  | 186247  | 132.264  | ug/l   | 99   |
| 7) Trichlorofluoromethane    | 3.346 | 101 | 456466  | 149.277  | ug/l   | 99   |
| 8) Diethyl Ether             | 3.816 | 74  | 193667  | 175.016  | ug/l   | 88   |
| 9) 1,1,2-Trichlorotrifluo... | 4.198 | 101 | 251812  | 139.188  | ug/l   | 90   |
| 10) Methyl Iodide            | 4.410 | 142 | 267266  | 131.408  | ug/l   | # 86 |
| 11) Tert butyl alcohol       | 5.369 | 59  | 551997  | 1070.771 | ug/l   | 99   |
| 12) 1,1-Dichloroethene       | 4.169 | 96  | 242335  | 144.953  | ug/l   | 89   |
| 13) Acrolein                 | 4.034 | 56  | 228329  | 804.435  | ug/l   | 97   |
| 14) Allyl chloride           | 4.828 | 41  | 547134  | 166.201  | ug/l   | # 90 |
| 15) Acrylonitrile            | 5.545 | 53  | 1189488 | 868.201  | ug/l   | 99   |
| 16) Acetone                  | 4.281 | 43  | 1106155 | 938.963  | ug/l   | 91   |
| 17) Carbon Disulfide         | 4.522 | 76  | 568946  | 136.330  | ug/l   | 99   |
| 18) Methyl Acetate           | 4.845 | 43  | 554352  | 150.395  | ug/l   | 93   |
| 19) Methyl tert-butyl Ether  | 5.610 | 73  | 1103942 | 174.823  | ug/l   | 100  |
| 20) Methylene Chloride       | 5.087 | 84  | 312346  | 133.388  | ug/l   | # 83 |
| 21) trans-1,2-Dichloroethene | 5.587 | 96  | 257229  | 141.927  | ug/l   | 88   |
| 22) Diisopropyl ether        | 6.492 | 45  | 1128055 | 163.379  | ug/l   | 96   |
| 23) Vinyl Acetate            | 6.428 | 43  | 5337909 | 891.176  | ug/l   | 94   |
| 24) 1,1-Dichloroethane       | 6.381 | 63  | 591414  | 159.835  | ug/l   | 99   |
| 25) 2-Butanone               | 7.328 | 43  | 1758717 | 904.983  | ug/l   | 91   |
| 26) 2,2-Dichloropropane      | 7.316 | 77  | 509286  | 172.951  | ug/l   | 95   |
| 27) cis-1,2-Dichloroethene   | 7.322 | 96  | 335814  | 145.415  | ug/l   | 88   |
| 28) Bromochloromethane       | 7.651 | 49  | 289103  | 180.509  | ug/l   | # 77 |
| 29) Tetrahydrofuran          | 7.681 | 42  | 1086964 | 905.135  | ug/l   | 90   |
| 30) Chloroform               | 7.810 | 83  | 614561  | 157.940  | ug/l   | 99   |
| 31) Cyclohexane              | 8.092 | 56  | 479090  | 136.503  | ug/l   | 92   |
| 32) 1,1,1-Trichloroethane    | 8.010 | 97  | 557227  | 168.427  | ug/l   | 97   |
| 36) 1,1-Dichloropropene      | 8.216 | 75  | 423908  | 131.690  | ug/l   | 95   |
| 37) Ethyl Acetate            | 7.410 | 43  | 667598  | 150.337  | ug/l   | 95   |
| 38) Carbon Tetrachloride     | 8.204 | 117 | 471381  | 137.807  | ug/l   | 99   |
| 39) Methylcyclohexane        | 9.457 | 83  | 491165  | 126.518  | ug/l   | 93   |
| 40) Benzene                  | 8.457 | 78  | 1291620 | 125.811  | ug/l   | 100  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN060822\  
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 Acq On : 08 Jun 2022 18:16  
 Operator : JC\MD  
 Sample : VSTDICC100  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC100

Quant Time: Jun 09 04:23:50 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060822W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 09 04:20:11 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.633  | 41   | 359179   | 163.003  | ug/l # | 85       |
| 42) 1,2-Dichloroethane        | 8.528  | 62   | 542314   | 153.781  | ug/l   | 94       |
| 43) Isopropyl Acetate         | 8.557  | 43   | 1052806  | 166.063  | ug/l   | 93       |
| 44) Trichloroethene           | 9.210  | 130  | 302544   | 116.874  | ug/l   | 84       |
| 45) 1,2-Dichloropropane       | 9.486  | 63   | 359049   | 133.087  | ug/l   | 99       |
| 46) Dibromomethane            | 9.575  | 93   | 244547   | 135.328  | ug/l # | 83       |
| 47) Bromodichloromethane      | 9.757  | 83   | 526074   | 146.567  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.557  | 41   | 481716   | 158.742  | ug/l # | 84       |
| 49) 1,4-Dioxane               | 9.563  | 88   | 190783   | 3218.038 | ug/l # | 87       |
| 51) 4-Methyl-2-Pentanone      | 10.327 | 43   | 3560726  | 821.947  | ug/l   | 92       |
| 52) Toluene                   | 10.504 | 92   | 832574   | 128.159  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.716 | 75   | 601357   | 160.826  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.186 | 75   | 603234   | 147.257  | ug/l # | 84       |
| 55) 1,1,2-Trichloroethane     | 10.898 | 97   | 347312   | 128.821  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.757 | 69   | 650974   | 151.161  | ug/l # | 81       |
| 57) 1,3-Dichloropropane       | 11.039 | 76   | 633167   | 136.694  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.039 | 63   | 1393005  | 762.258  | ug/l   | 93       |
| 59) 2-Hexanone                | 11.080 | 43   | 2717173  | 865.269  | ug/l   | 89       |
| 60) Dibromochloromethane      | 11.233 | 129  | 387971   | 133.973  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.345 | 107  | 372758   | 132.139  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.974 | 164  | 256824   | 98.616   | ug/l   | 89       |
| 65) Chlorobenzene             | 11.769 | 112  | 893048   | 110.258  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.839 | 131  | 351320   | 114.227  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.839 | 91   | 1712254  | 122.787  | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.951 | 106  | 1223878  | 233.684  | ug/l   | 89       |
| 69) o-Xylene                  | 12.274 | 106  | 616226   | 120.951  | ug/l   | 89       |
| 70) Styrene                   | 12.292 | 104  | 1028126  | 124.913  | ug/l   | 94       |
| 71) Bromoform                 | 12.457 | 173  | 275951   | 111.303  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.574 | 105  | 1653451  | 108.368  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.386 | 43   | 838815   | 143.855  | ug/l   | 90       |
| 75) 1,1,2,2-Tetrachloroethane | 12.827 | 83   | 560482   | 102.783  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.880 | 75   | 796557   | 172.430  | ug/l # | 1        |
| 77) Bromobenzene              | 12.857 | 156  | 331342   | 90.877   | ug/l   | 67       |
| 78) n-propylbenzene           | 12.916 | 91   | 1932092  | 114.078  | ug/l   | 95       |
| 79) 2-Chlorotoluene           | 13.004 | 91   | 1176823  | 111.762  | ug/l   | 93       |
| 80) 1,3,5-Trimethylbenzene    | 13.057 | 105  | 1338773  | 112.276  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.621 | 75   | 210121   | 127.958  | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 13.104 | 91   | 1101508  | 114.516  | ug/l   | 94       |
| 83) tert-Butylbenzene         | 13.321 | 119  | 1169738  | 106.803  | ug/l   | 89       |
| 84) 1,2,4-Trimethylbenzene    | 13.363 | 105  | 1315174  | 112.714  | ug/l   | 95       |
| 85) sec-Butylbenzene          | 13.498 | 105  | 1652973  | 112.298  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.615 | 119  | 1331563  | 115.091  | ug/l   | 95       |
| 87) 1,3-Dichlorobenzene       | 13.615 | 146  | 583135   | 94.599   | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 13.692 | 146  | 572202   | 94.239   | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.939 | 91   | 1168822  | 123.737  | ug/l   | 97       |
| 90) Hexachloroethane          | 14.210 | 117  | 287149   | 120.875  | ug/l   | 73       |
| 91) 1,2-Dichlorobenzene       | 13.986 | 146  | 559496   | 94.160   | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.598 | 75   | 140988   | 143.347  | ug/l   | 73       |
| 93) 1,2,4-Trichlorobenzene    | 15.262 | 180  | 288675   | 94.233   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.368 | 225  | 123901   | 70.189   | ug/l   | 100      |
| 95) Naphthalene               | 15.504 | 128  | 1197892  | 114.861  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.698 | 180  | 293804   | 89.852   | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN060822\  
Data File : VN072706.D  
Acq On : 08 Jun 2022 18:16  
Operator : JC\MD  
Sample : VSTDICC100  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 14 Sample Multiplier: 1

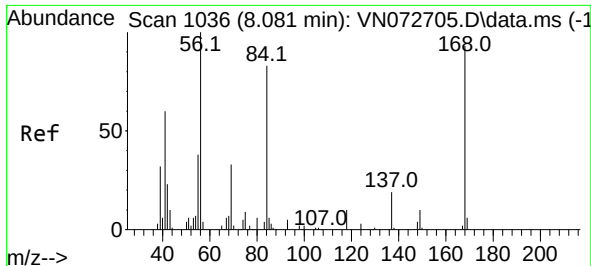
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

Quant Time: Jun 09 04:23:50 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060822W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 09 04:20:11 2022  
Response via : Initial Calibration

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

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

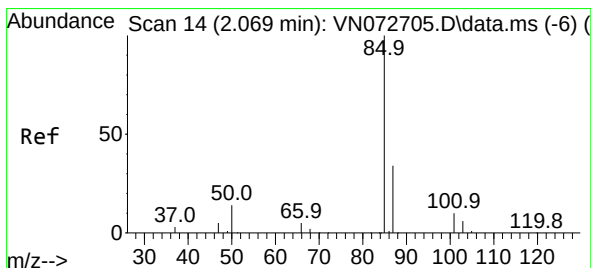
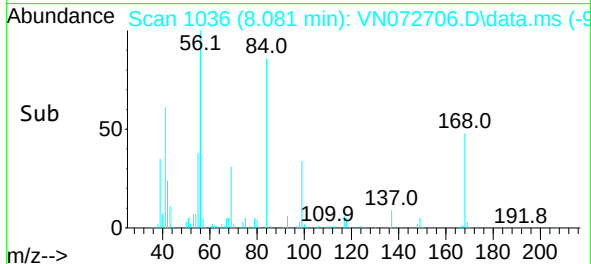
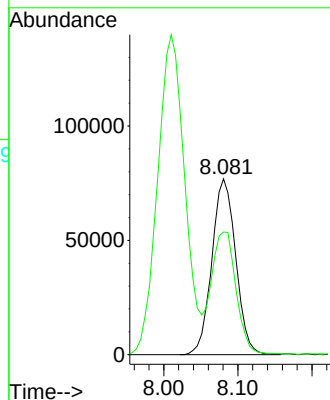
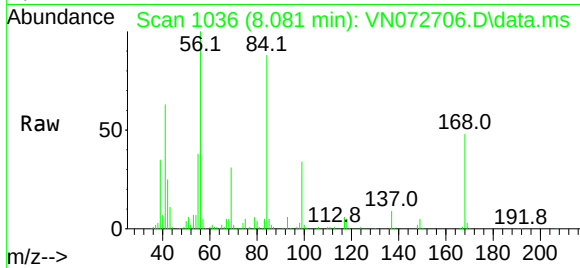




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

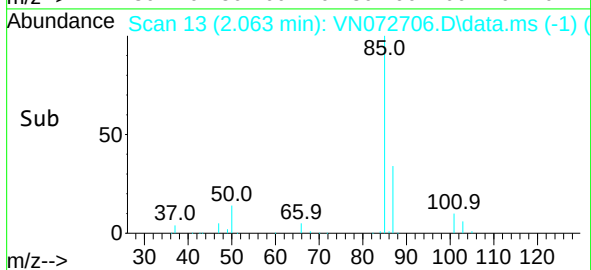
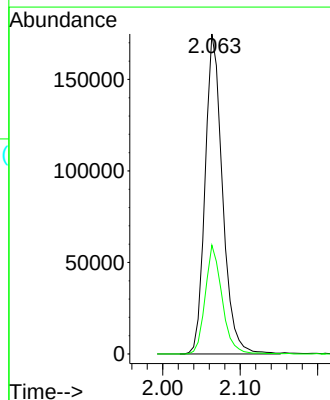
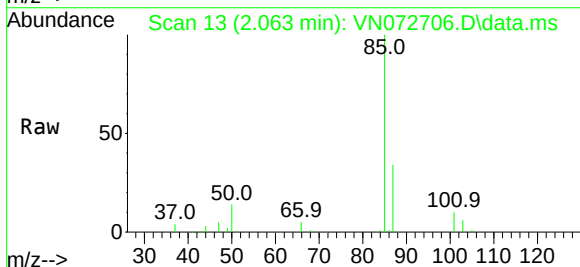
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

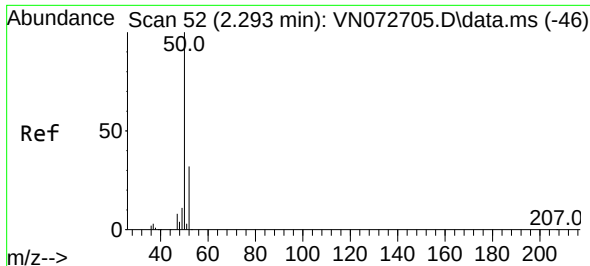
Tgt Ion:168 Resp: 172214  
Ion Ratio Lower Upper  
168 100  
99 69.3 42.3 63.5#



#2  
Dichlorodifluoromethane  
Concen: 149.069 ug/l  
RT: 2.063 min Scan# 13  
Delta R.T. -0.006 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

Tgt Ion: 85 Resp: 272843  
Ion Ratio Lower Upper  
85 100  
87 34.0 15.7 47.1

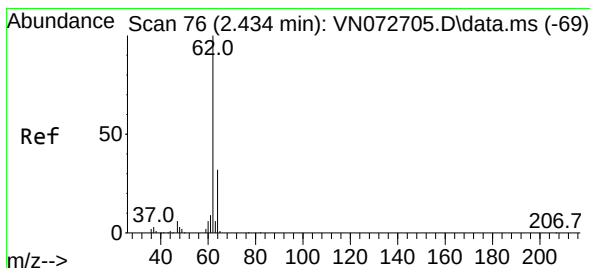
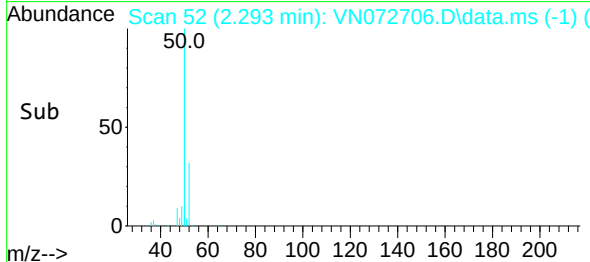
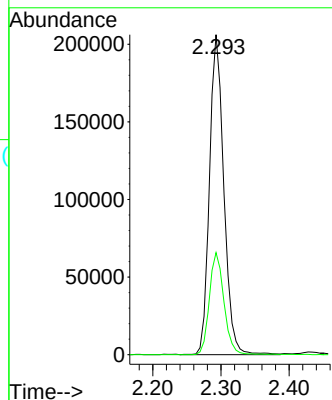
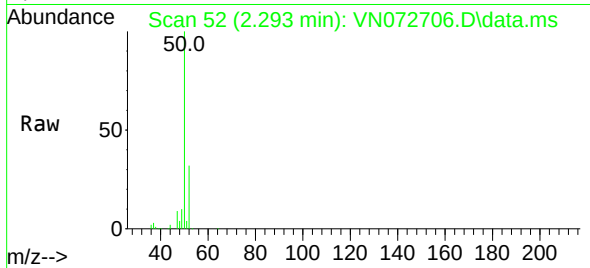




#3  
Chloromethane  
Concen: 124.870 ug/l  
RT: 2.293 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

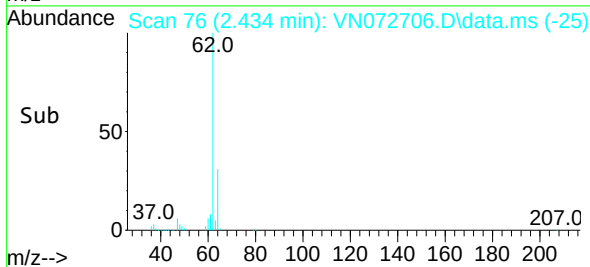
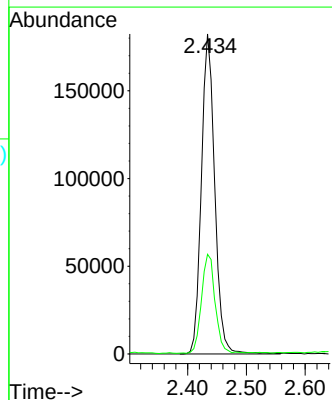
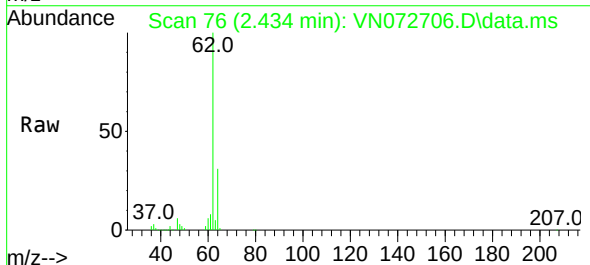
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

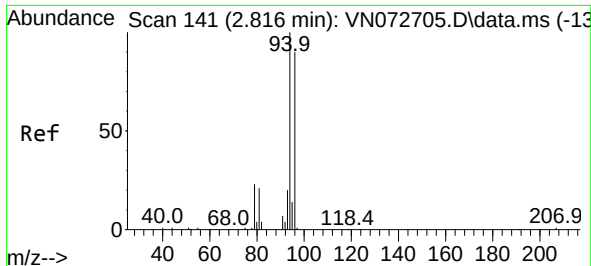
Tgt Ion: 50 Resp: 302192  
Ion Ratio Lower Upper  
50 100  
52 31.9 25.7 38.5



#4  
Vinyl Chloride  
Concen: 157.061 ug/l  
RT: 2.434 min Scan# 76  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

Tgt Ion: 62 Resp: 288259  
Ion Ratio Lower Upper  
62 100  
64 30.9 25.0 37.4

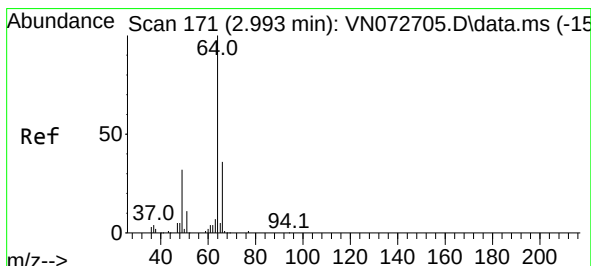
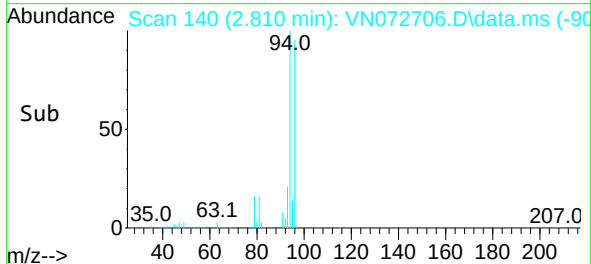
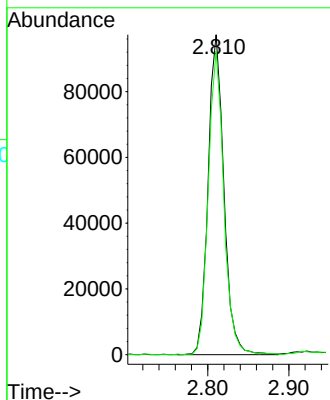
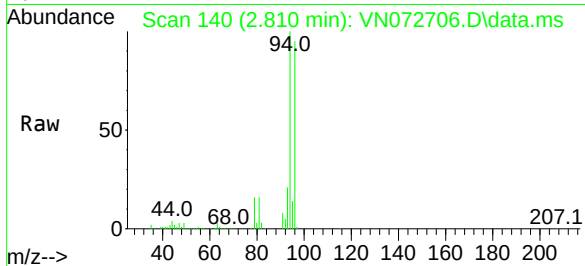




#5  
Bromomethane  
Concen: 124.218 ug/l  
RT: 2.810 min Scan# 141  
Delta R.T. -0.006 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

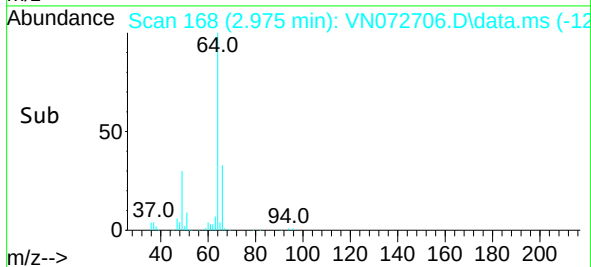
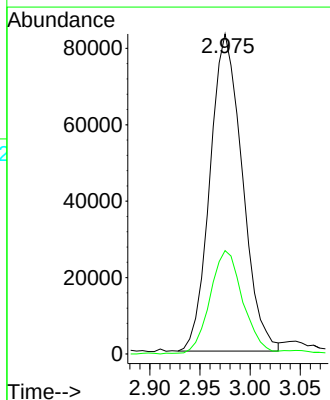
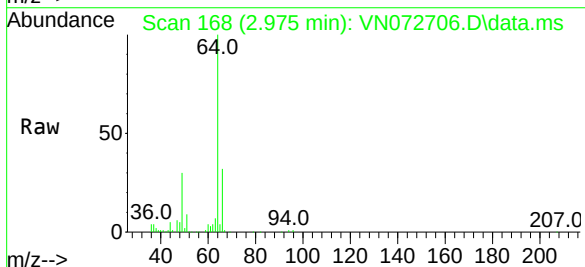
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

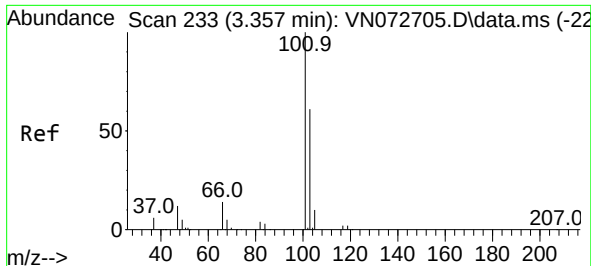
Tgt Ion: 94 Resp: 131347  
Ion Ratio Lower Upper  
94 100  
96 94.7 76.0 114.0



#6  
Chloroethane  
Concen: 132.264 ug/l  
RT: 2.975 min Scan# 168  
Delta R.T. -0.018 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

Tgt Ion: 64 Resp: 186247  
Ion Ratio Lower Upper  
64 100  
66 32.3 26.2 39.4

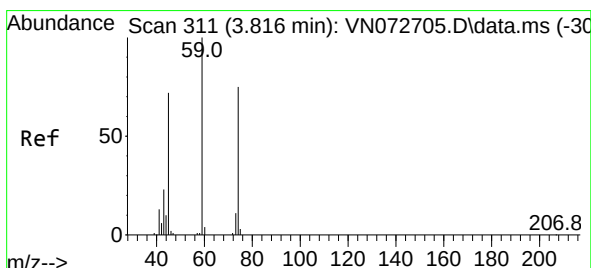
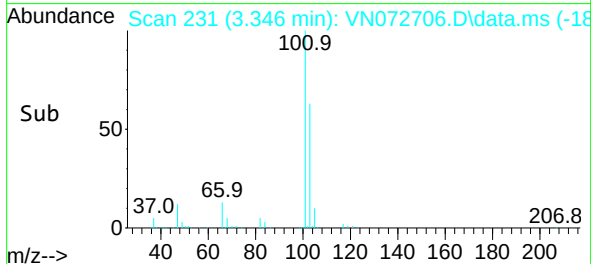
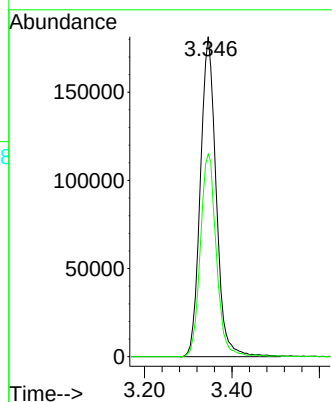
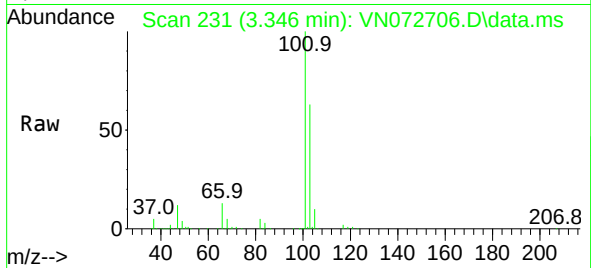




#7  
 Trichlorofluoromethane  
 Concen: 149.277 ug/l  
 RT: 3.346 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: VN072706.D  
 Acq: 08 Jun 2022 18:16

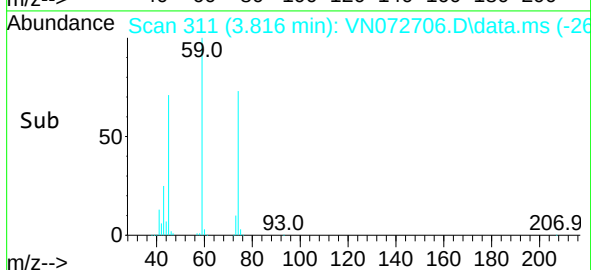
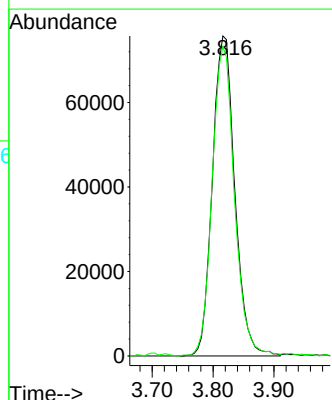
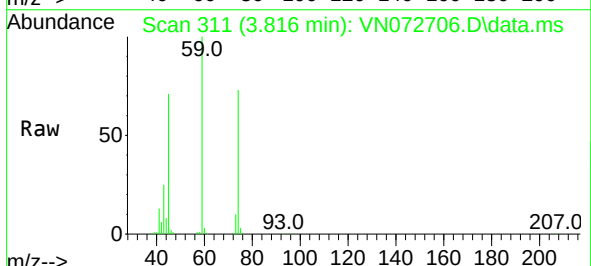
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

Tgt Ion:101 Resp: 456466  
 Ion Ratio Lower Upper  
 101 100  
 103 63.3 51.5 77.3

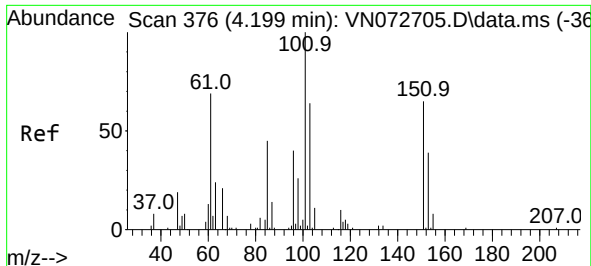


#8  
 Diethyl Ether  
 Concen: 175.016 ug/l  
 RT: 3.816 min Scan# 311  
 Delta R.T. -0.000 min  
 Lab File: VN072706.D  
 Acq: 08 Jun 2022 18:16

Tgt Ion: 74 Resp: 193667  
 Ion Ratio Lower Upper  
 74 100  
 45 96.5 42.9 128.5



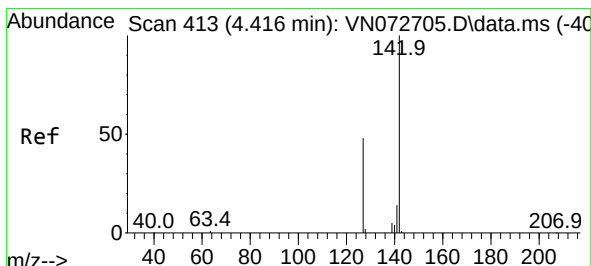
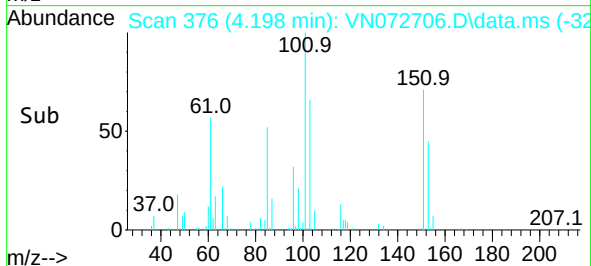
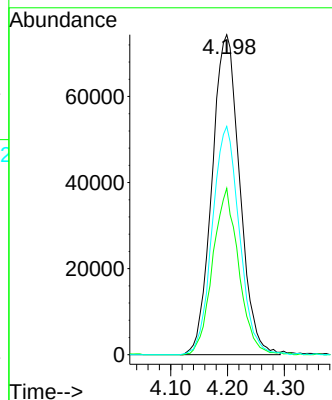
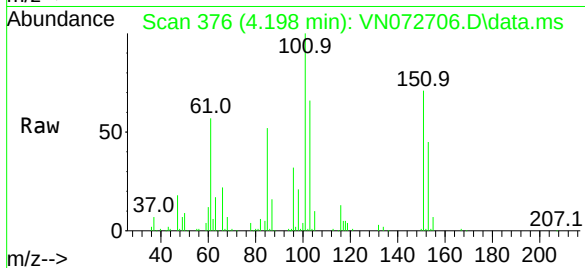




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 139.188 ug/l  
RT: 4.198 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

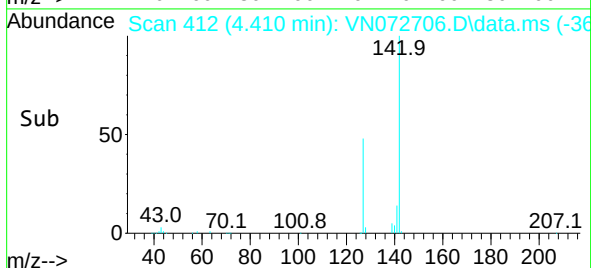
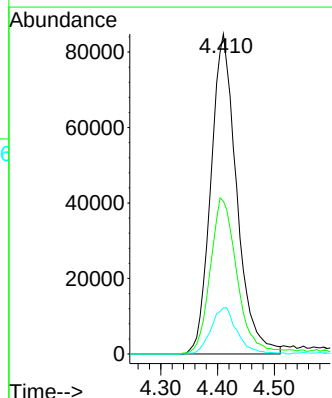
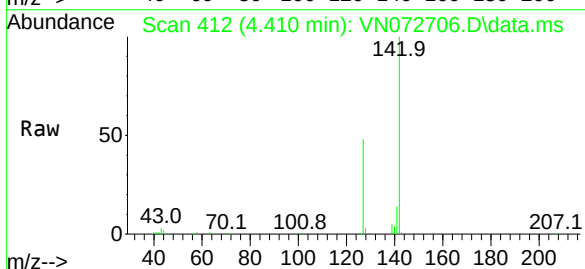
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

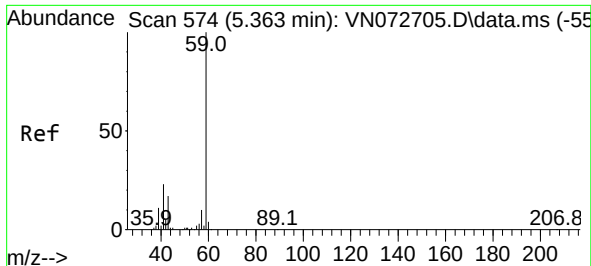
Tgt Ion:101 Resp: 251812  
Ion Ratio Lower Upper  
101 100  
85 48.9 34.7 52.1  
151 69.8 63.0 94.4



#10  
Methyl Iodide  
Concen: 131.408 ug/l  
RT: 4.410 min Scan# 412  
Delta R.T. -0.006 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

Tgt Ion:142 Resp: 267266  
Ion Ratio Lower Upper  
142 100  
127 50.5 31.3 46.9#  
141 14.7 11.2 16.8

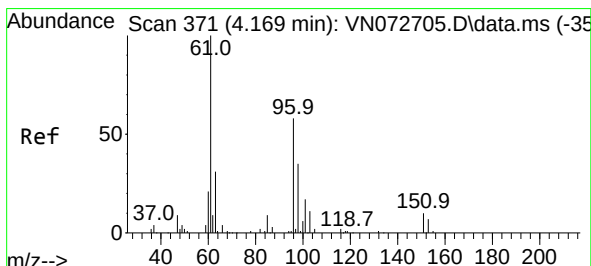
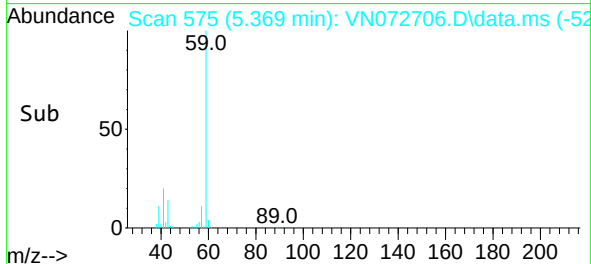
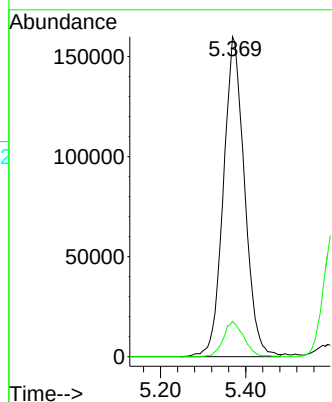
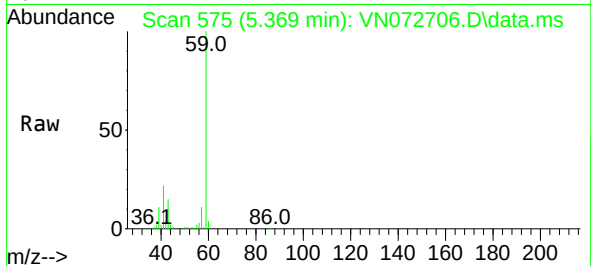




#11  
Tert butyl alcohol  
Concen: 1070.771 ug/l  
RT: 5.369 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

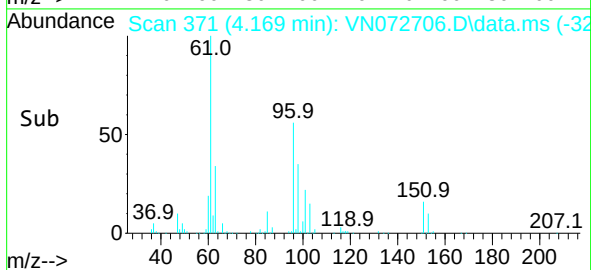
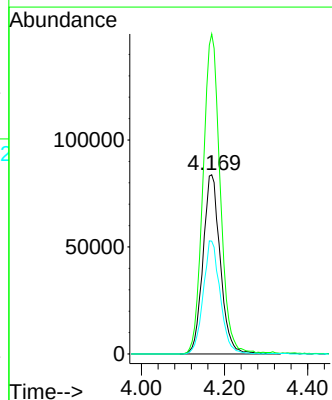
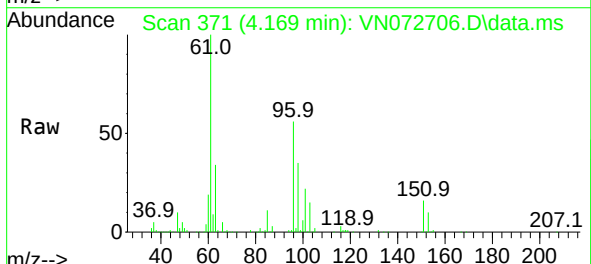
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

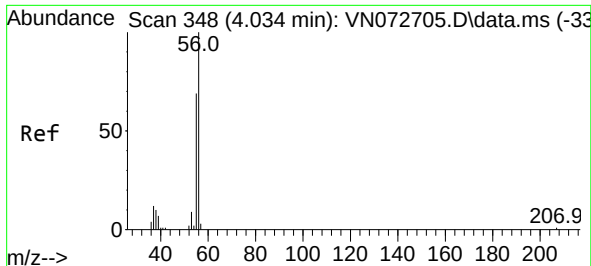
Tgt Ion: 59 Resp: 551997  
Ion Ratio Lower Upper  
59 100  
57 10.7 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 144.953 ug/l  
RT: 4.169 min Scan# 371  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

Tgt Ion: 96 Resp: 242335  
Ion Ratio Lower Upper  
96 100  
61 178.6 127.6 191.4  
98 63.0 51.2 76.8

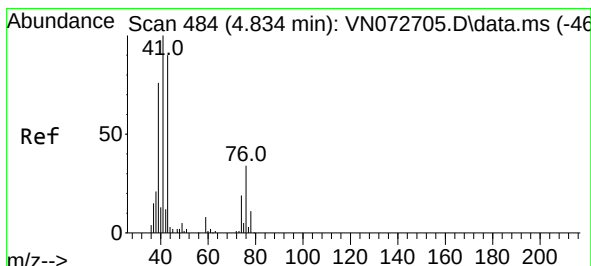
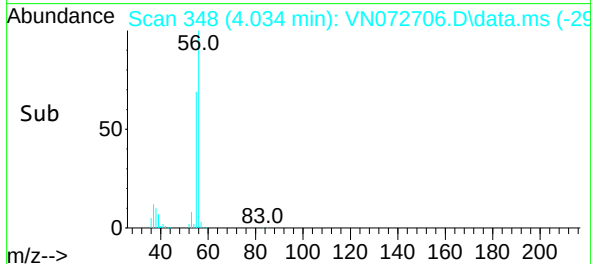
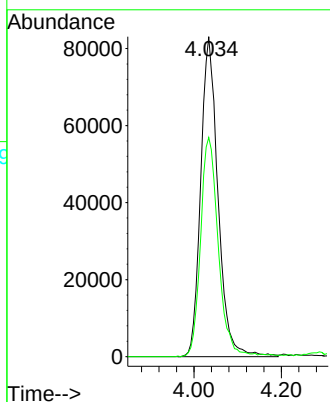
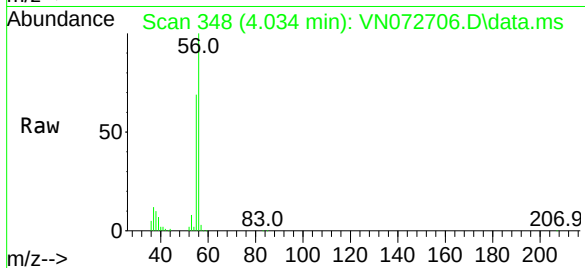




#13  
Acrolein  
Concen: 804.435 ug/l  
RT: 4.034 min Scan# 348  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

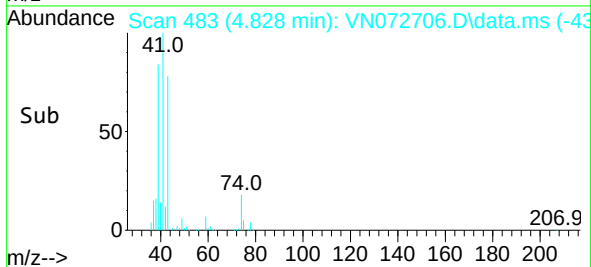
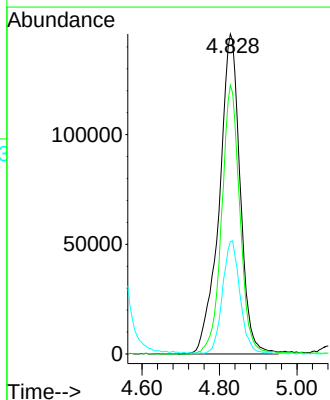
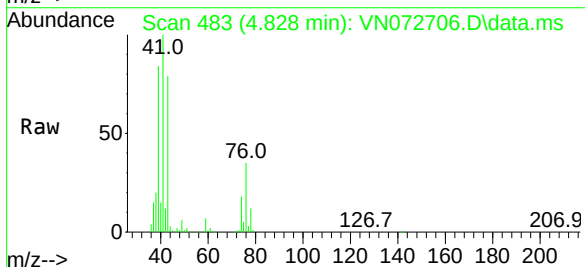
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

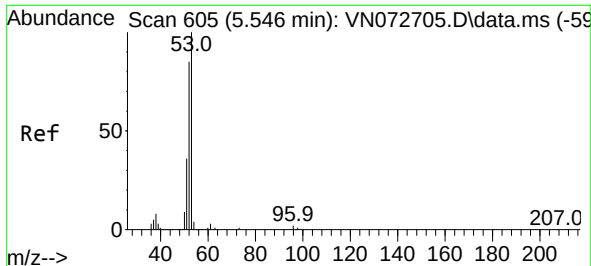
Tgt Ion: 56 Resp: 228329  
Ion Ratio Lower Upper  
56 100  
55 70.7 54.8 82.2



#14  
Allyl chloride  
Concen: 166.201 ug/l  
RT: 4.828 min Scan# 483  
Delta R.T. -0.006 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

Tgt Ion: 41 Resp: 547134  
Ion Ratio Lower Upper  
41 100  
39 73.3 53.2 79.8  
76 29.2 29.9 44.9#



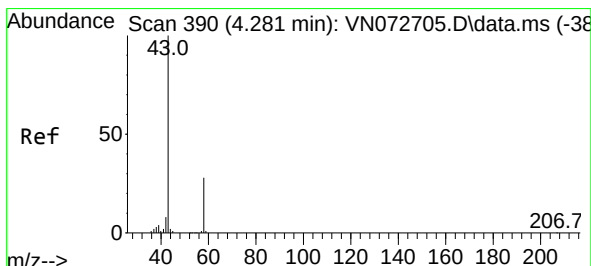
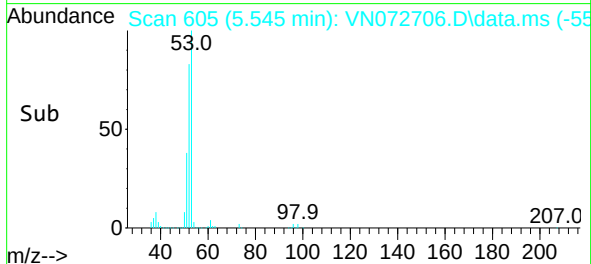
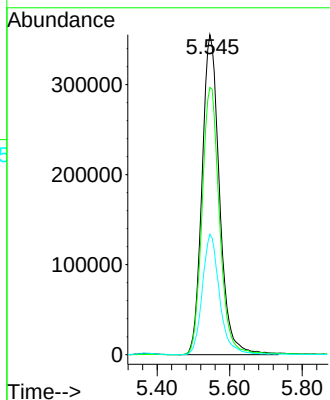
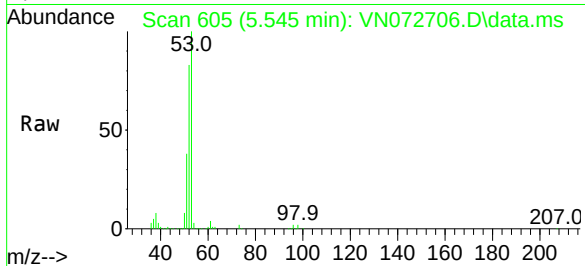


#15  
Acrylonitrile  
Concen: 868.201 ug/l  
RT: 5.545 min Scan# 605  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

Tgt Ion: 53 Resp: 1189488

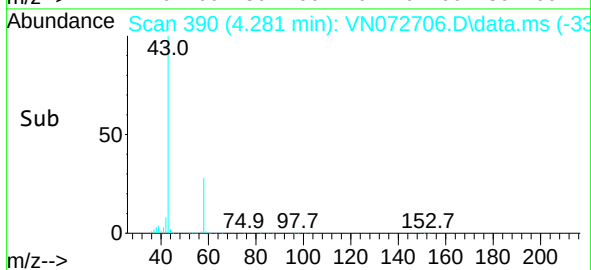
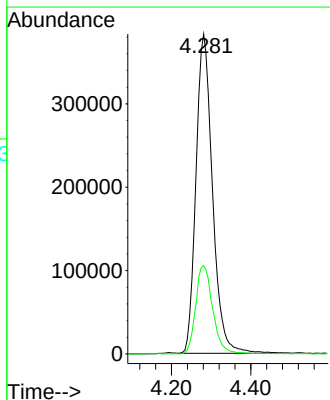
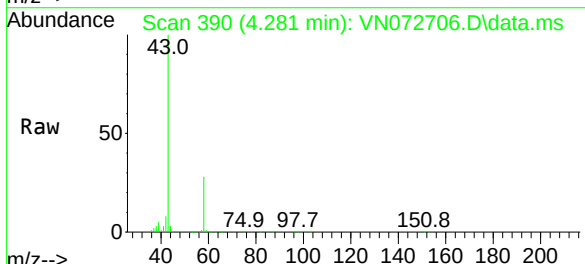
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 83.2  | 66.4  | 99.6  |
| 51  | 37.1  | 28.5  | 42.7  |

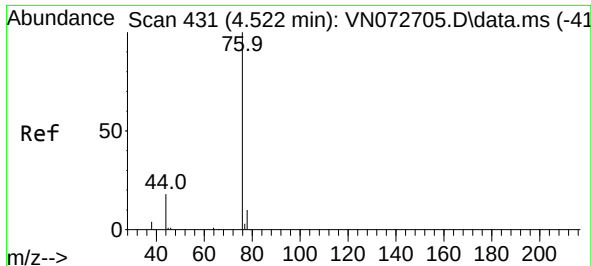


#16  
Acetone  
Concen: 938.963 ug/l  
RT: 4.281 min Scan# 390  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

Tgt Ion: 43 Resp: 1106155

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 27.6  | 26.0  | 39.0  |

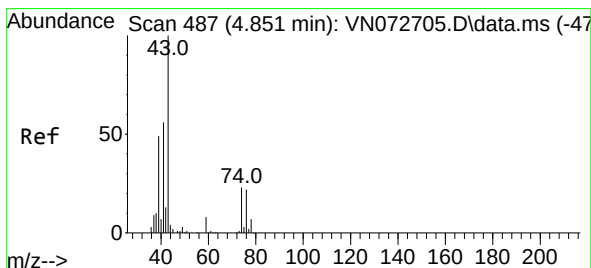
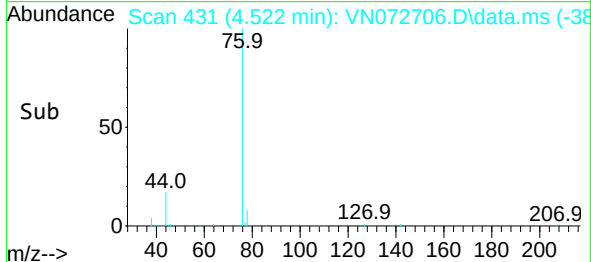
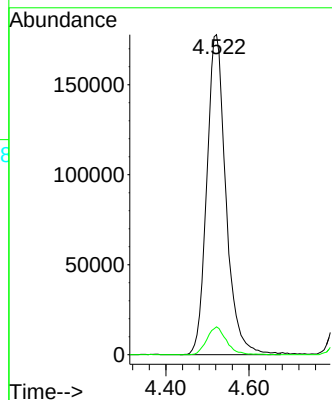
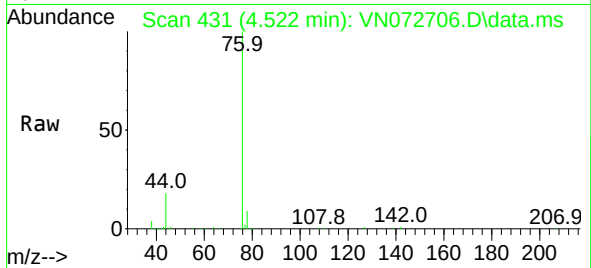




#17  
Carbon Disulfide  
Concen: 136.330 ug/l  
RT: 4.522 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

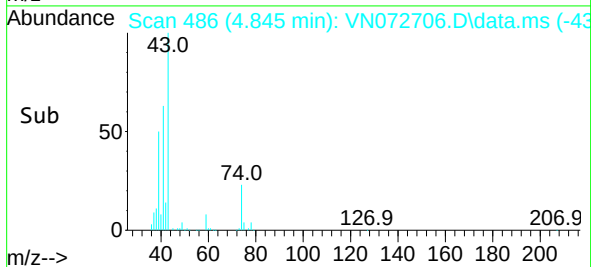
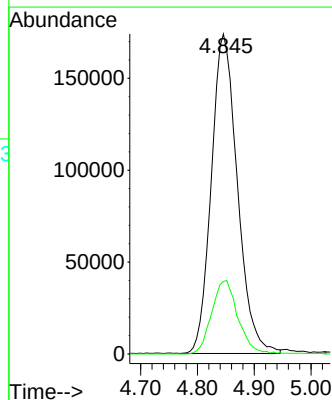
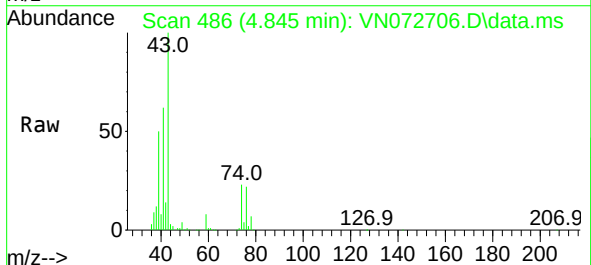
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

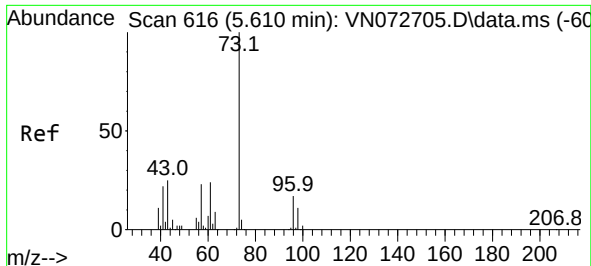
Tgt Ion: 76 Resp: 568946  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.2 10.8



#18  
Methyl Acetate  
Concen: 150.395 ug/l  
RT: 4.845 min Scan# 486  
Delta R.T. -0.006 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

Tgt Ion: 43 Resp: 554352  
Ion Ratio Lower Upper  
43 100  
74 23.2 21.6 32.4

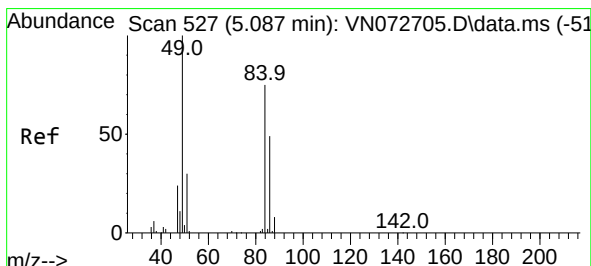
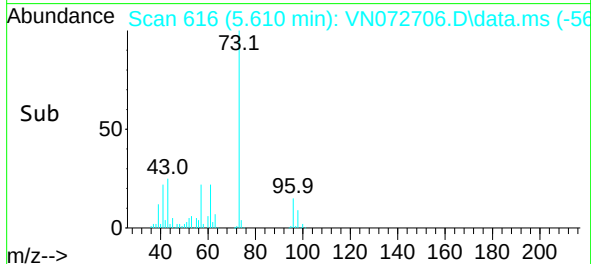
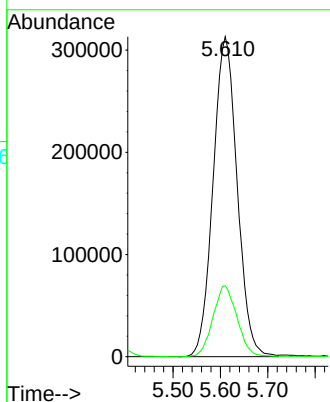
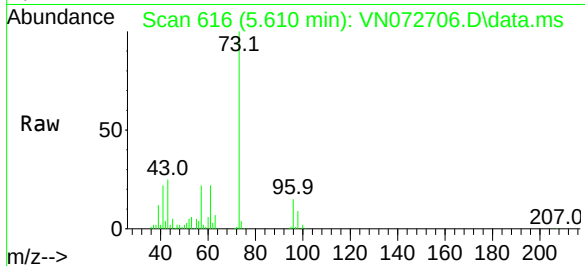




#19  
Methyl tert-butyl Ether  
Concen: 174.823 ug/l  
RT: 5.610 min Scan# 616  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

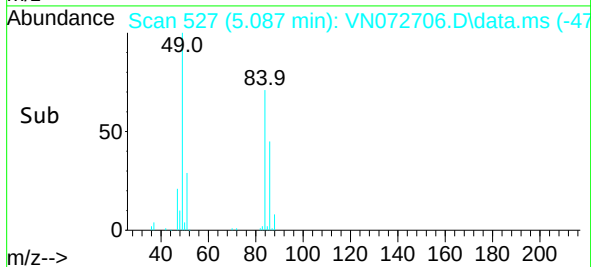
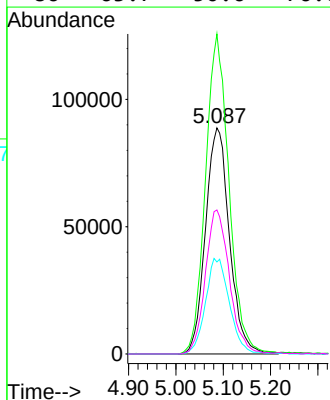
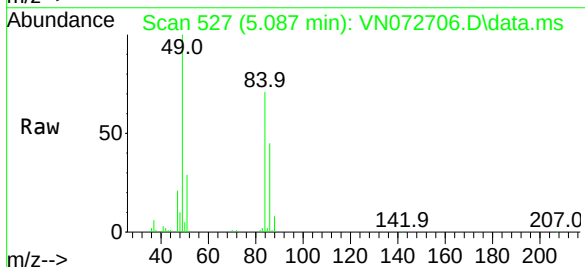
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

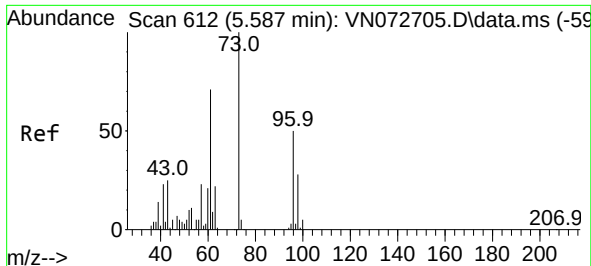
Tgt Ion: 73 Resp: 1103942  
Ion Ratio Lower Upper  
73 100  
57 22.2 17.6 26.4



#20  
Methylene Chloride  
Concen: 133.388 ug/l  
RT: 5.087 min Scan# 527  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

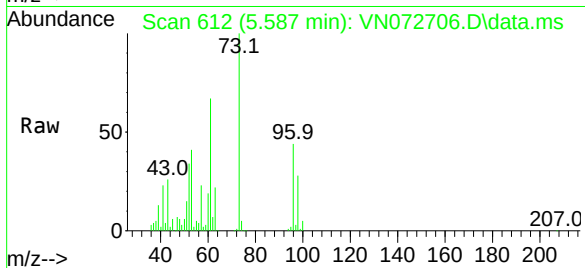
Tgt Ion: 84 Resp: 312346  
Ion Ratio Lower Upper  
84 100  
49 141.5 88.3 132.5#  
51 40.7 28.2 42.2  
86 63.7 50.6 76.0





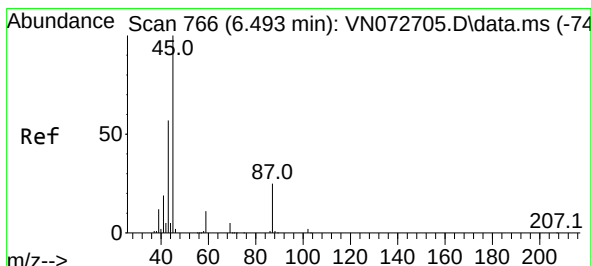
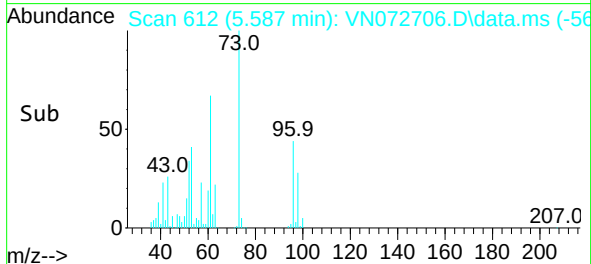
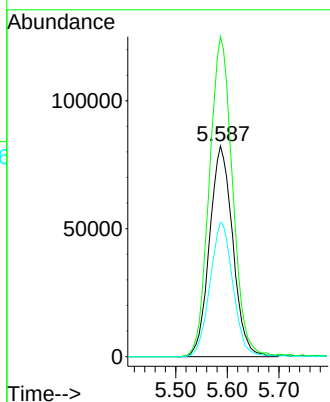
#21  
trans-1,2-Dichloroethene  
Concen: 141.927 ug/l  
RT: 5.587 min Scan# 612  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100



Tgt Ion: 96 Resp: 257229

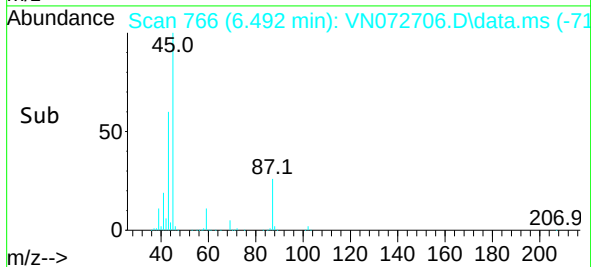
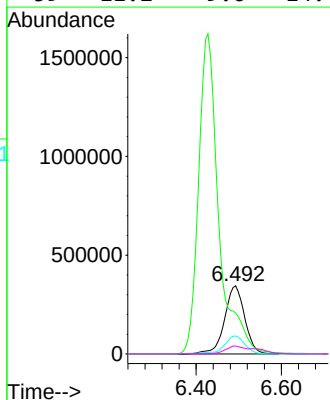
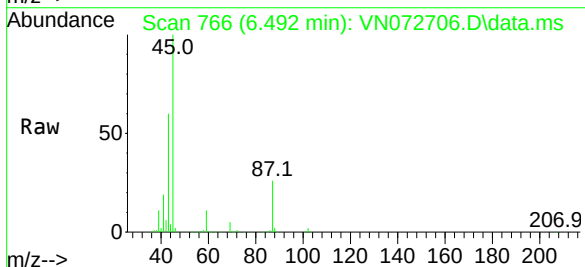
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 151.8 | 105.8 | 158.8 |
| 98  | 63.8  | 50.3  | 75.5  |

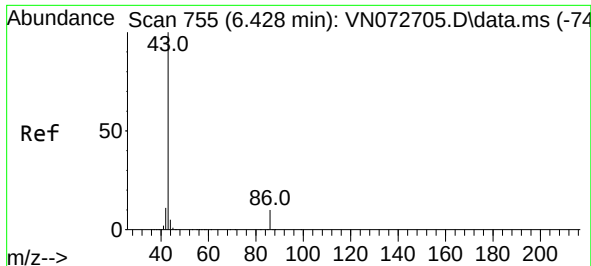


#22  
Diisopropyl ether  
Concen: 163.379 ug/l  
RT: 6.492 min Scan# 766  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

Tgt Ion: 45 Resp: 1128055

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 59.7  | 46.6  | 70.0  |
| 87  | 26.2  | 24.3  | 36.5  |
| 59  | 11.2  | 9.6   | 14.4  |

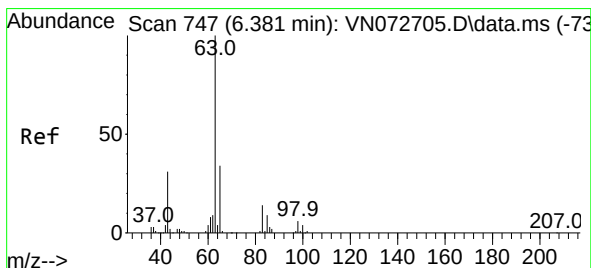
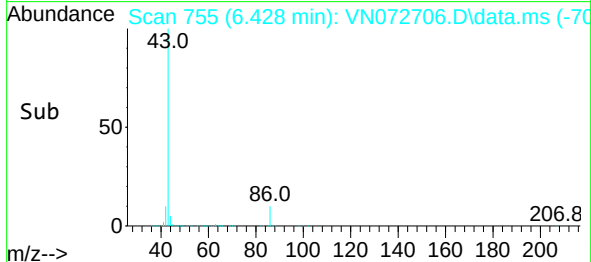
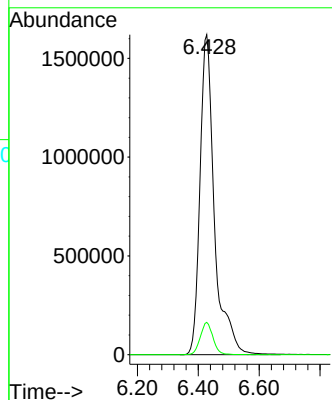
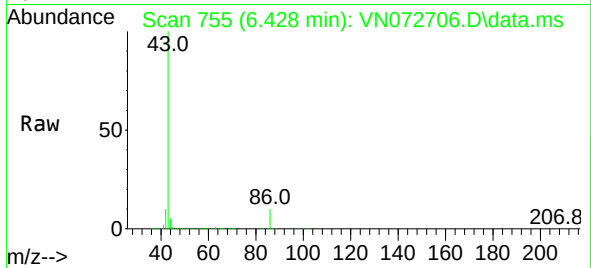




#23  
 Vinyl Acetate  
 Concen: 891.176 ug/l  
 RT: 6.428 min Scan# 755  
 Delta R.T. -0.000 min  
 Lab File: VN072706.D  
 Acq: 08 Jun 2022 18:16

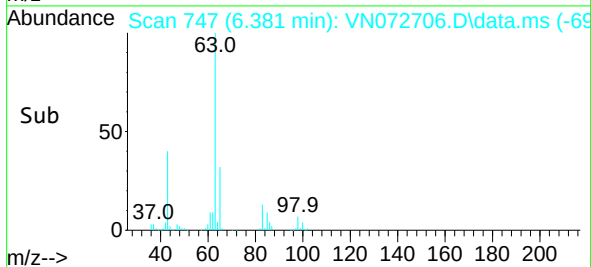
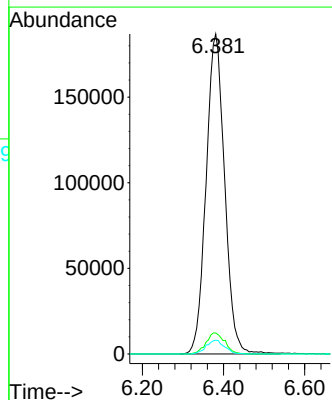
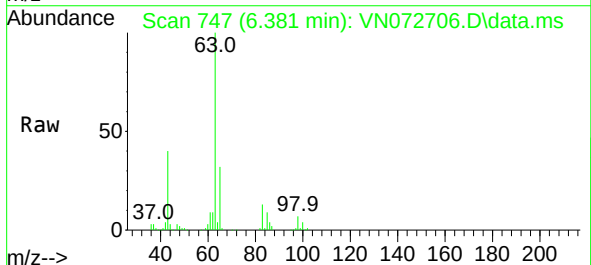
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

Tgt Ion: 43 Resp: 5337909  
 Ion Ratio Lower Upper  
 43 100  
 86 10.1 10.0 15.0

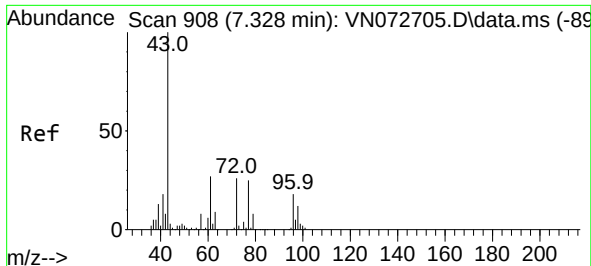


#24  
 1,1-Dichloroethane  
 Concen: 159.835 ug/l  
 RT: 6.381 min Scan# 747  
 Delta R.T. -0.000 min  
 Lab File: VN072706.D  
 Acq: 08 Jun 2022 18:16

Tgt Ion: 63 Resp: 591414  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.5 10.4  
 100 4.3 2.3 6.8



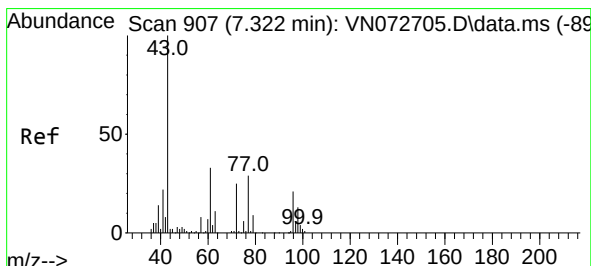
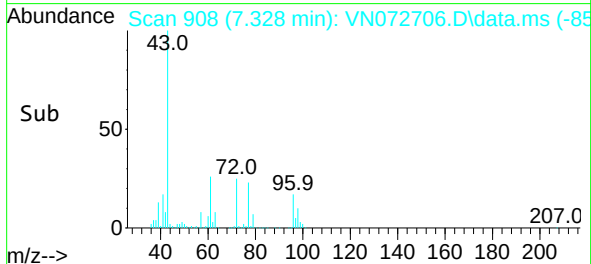
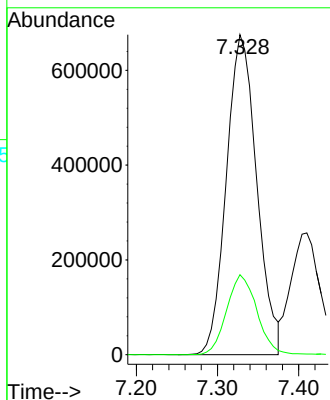
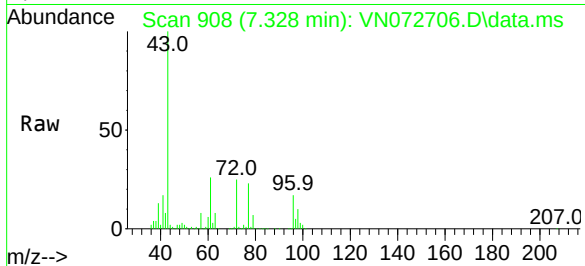




#25  
2-Butanone  
Concen: 904.983 ug/l  
RT: 7.328 min Scan# 908  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

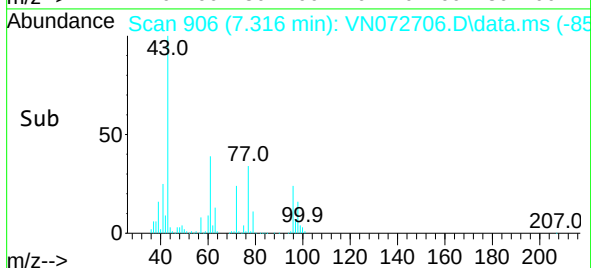
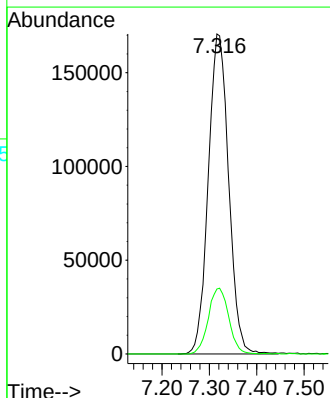
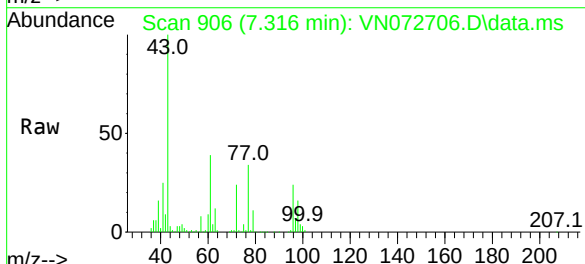
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

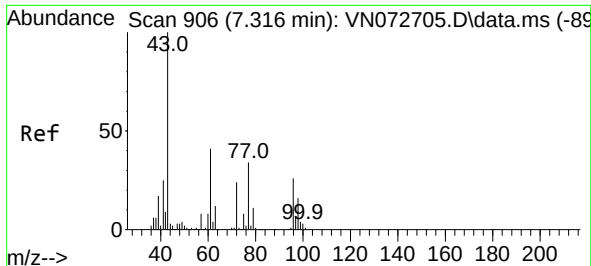
Tgt Ion: 43 Resp: 1758717  
Ion Ratio Lower Upper  
43 100  
72 25.0 23.7 35.5



#26  
2,2-Dichloropropane  
Concen: 172.951 ug/l  
RT: 7.316 min Scan# 906  
Delta R.T. -0.006 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

Tgt Ion: 77 Resp: 509286  
Ion Ratio Lower Upper  
77 100  
97 20.6 11.4 34.2

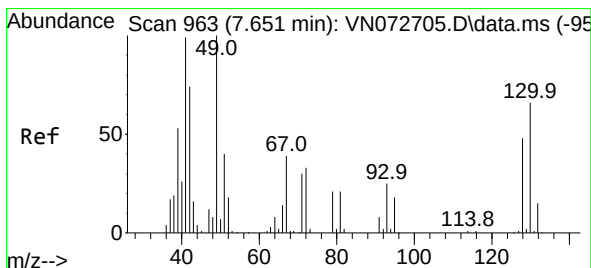
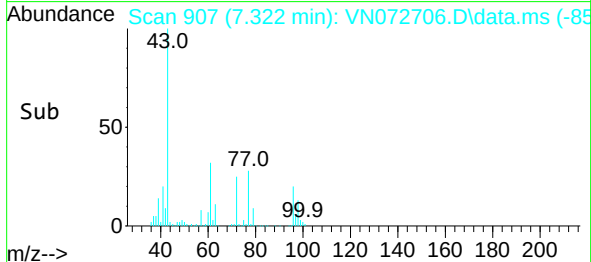
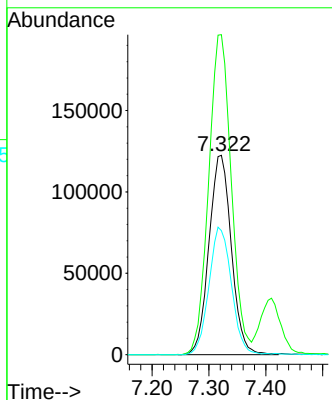
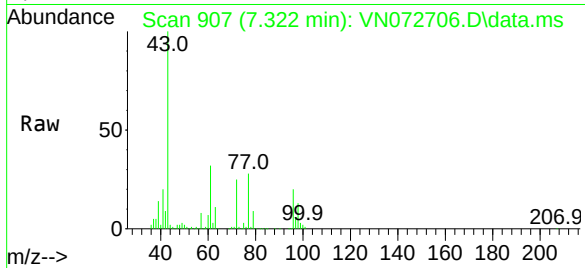




#27  
 cis-1,2-Dichloroethene  
 Concen: 145.415 ug/l  
 RT: 7.322 min Scan# 906  
 Delta R.T. 0.006 min  
 Lab File: VN072706.D  
 Acq: 08 Jun 2022 18:16

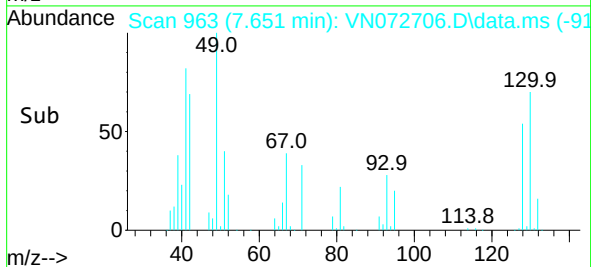
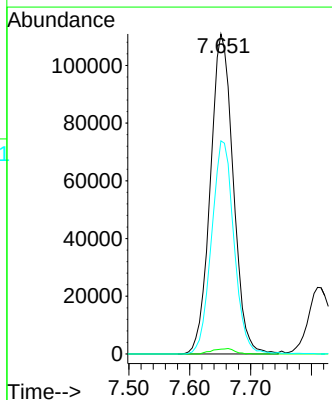
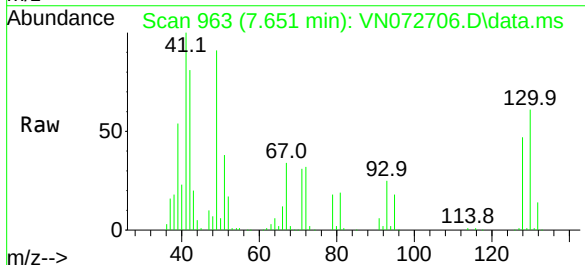
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

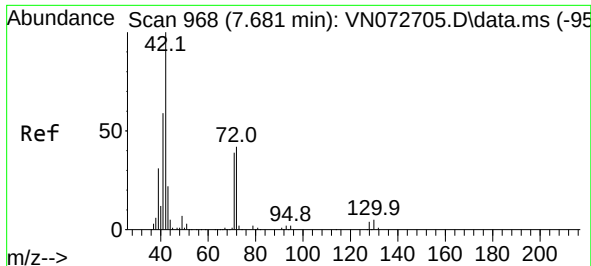
Tgt Ion: 96 Resp: 335814  
 Ion Ratio Lower Upper  
 96 100  
 61 161.9 0.0 280.6  
 98 64.2 0.0 128.4



#28  
 Bromochloromethane  
 Concen: 180.509 ug/l  
 RT: 7.651 min Scan# 963  
 Delta R.T. -0.000 min  
 Lab File: VN072706.D  
 Acq: 08 Jun 2022 18:16

Tgt Ion: 49 Resp: 289103  
 Ion Ratio Lower Upper  
 49 100  
 129 1.7 0.0 4.6  
 130 65.4 69.7 104.5#

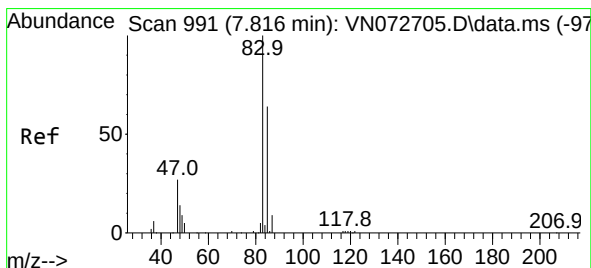
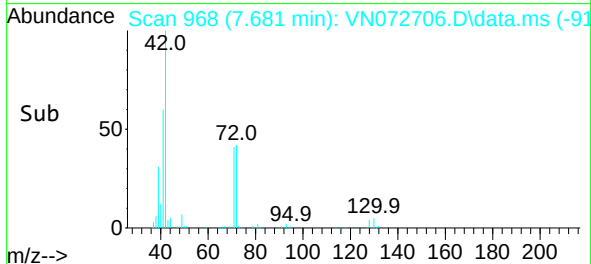
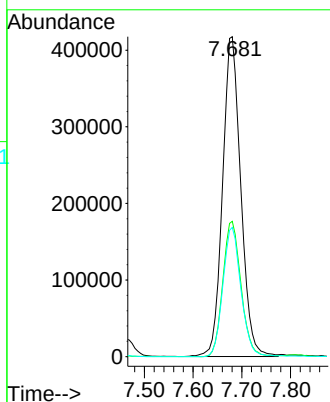
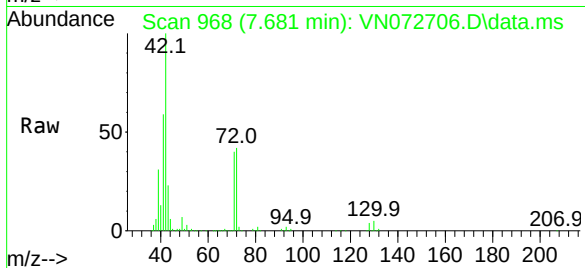




#29  
Tetrahydrofuran  
Concen: 905.135 ug/l  
RT: 7.681 min Scan# 910  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

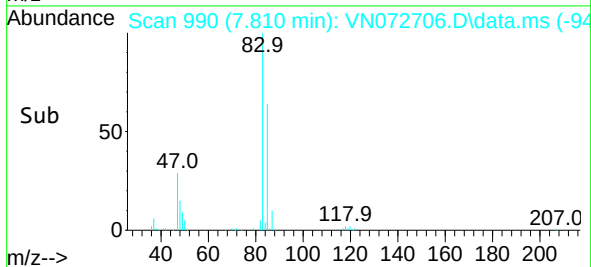
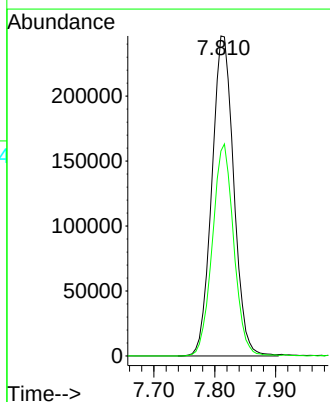
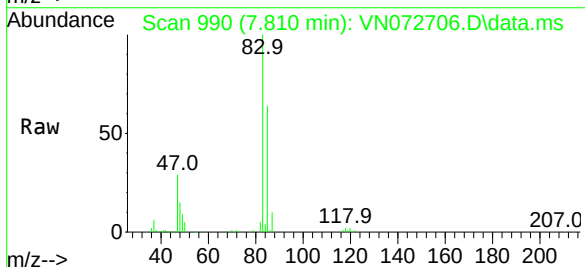
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

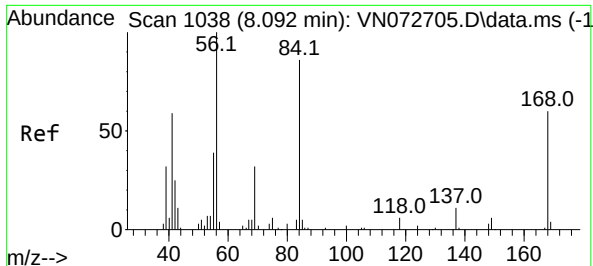
Tgt Ion: 42 Resp: 1086964  
Ion Ratio Lower Upper  
42 100  
72 42.2 39.7 59.5  
71 40.2 36.6 55.0



#30  
Chloroform  
Concen: 157.940 ug/l  
RT: 7.810 min Scan# 990  
Delta R.T. -0.006 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

Tgt Ion: 83 Resp: 614561  
Ion Ratio Lower Upper  
83 100  
85 64.0 51.8 77.8

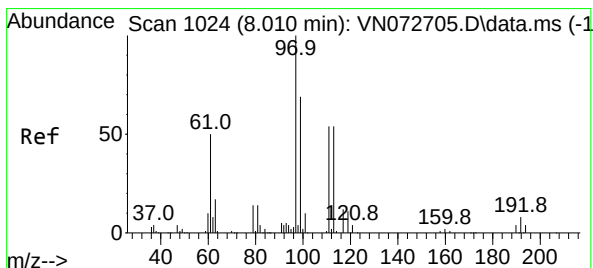
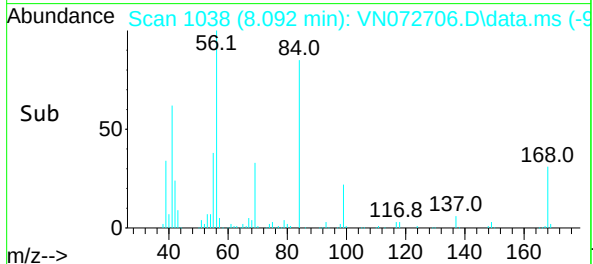
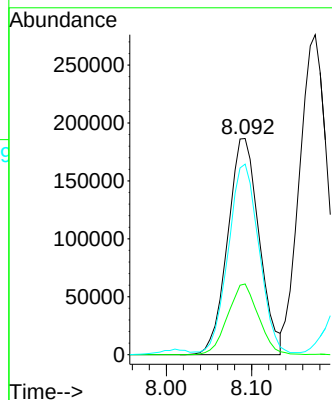
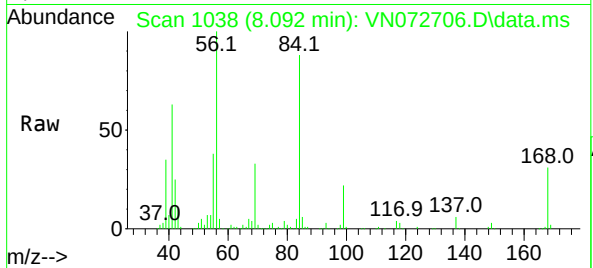




#31  
Cyclohexane  
Concen: 136.503 ug/l  
RT: 8.092 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

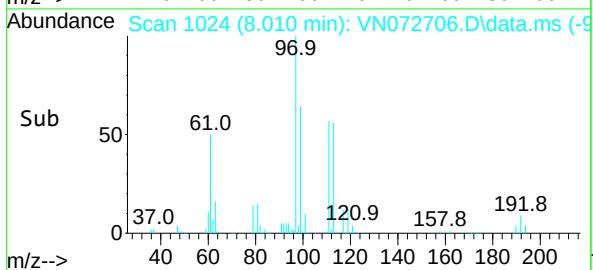
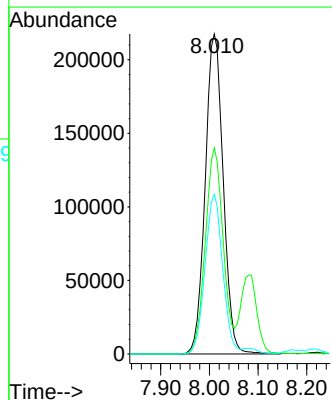
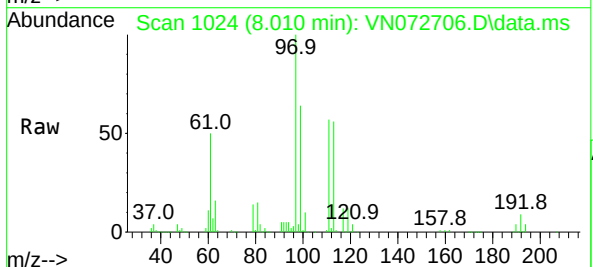
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

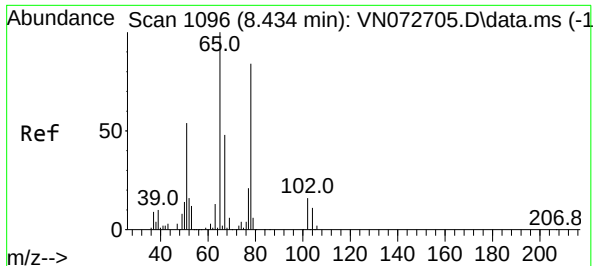
Tgt Ion: 56 Resp: 479090  
Ion Ratio Lower Upper  
56 100  
69 32.7 27.8 41.8  
84 86.1 76.9 115.3



#32  
1,1,1-Trichloroethane  
Concen: 168.427 ug/l  
RT: 8.010 min Scan# 1024  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

Tgt Ion: 97 Resp: 557227  
Ion Ratio Lower Upper  
97 100  
99 64.1 50.6 76.0  
61 49.0 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 186.190 ug/l

RT: 8.433 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VN072706.D

Acq: 08 Jun 2022 18:16

Instrument :

MSVOA\_N

ClientSampleId :

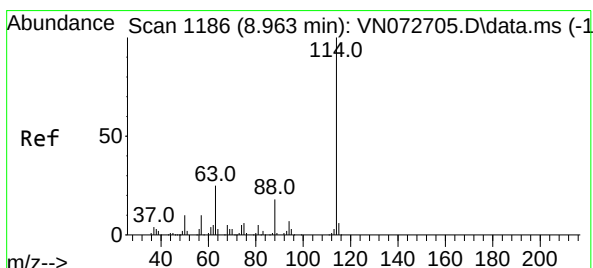
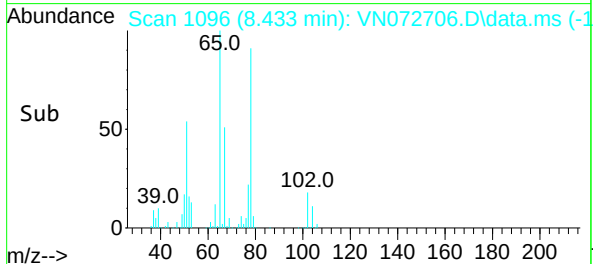
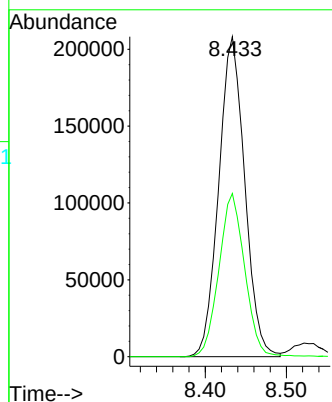
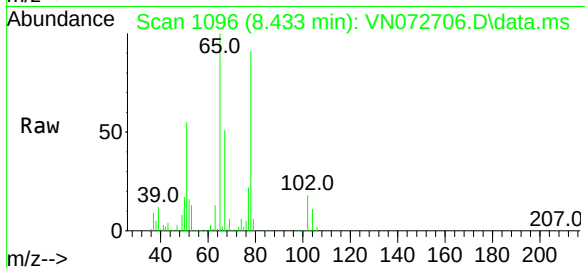
VSTDIC100

Tgt Ion: 65 Resp: 463469

Ion Ratio Lower Upper

65 100

67 50.6 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072706.D

Acq: 08 Jun 2022 18:16

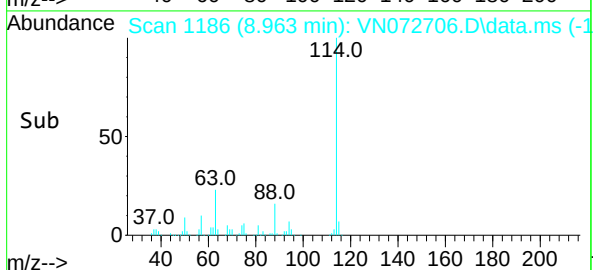
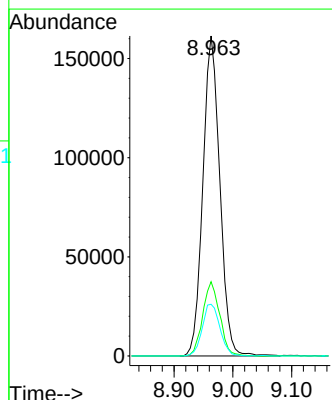
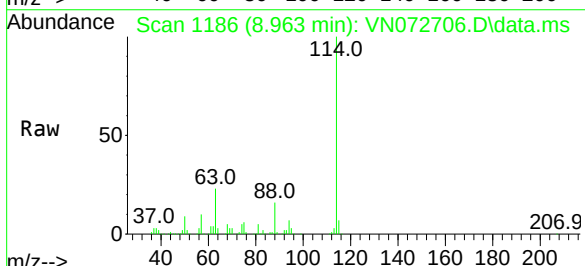
Tgt Ion: 114 Resp: 323243

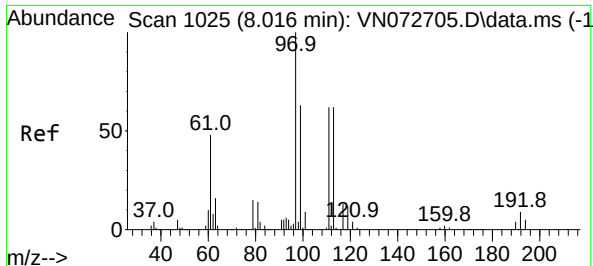
Ion Ratio Lower Upper

114 100

63 23.2 0.0 40.0

88 16.2 0.0 32.6

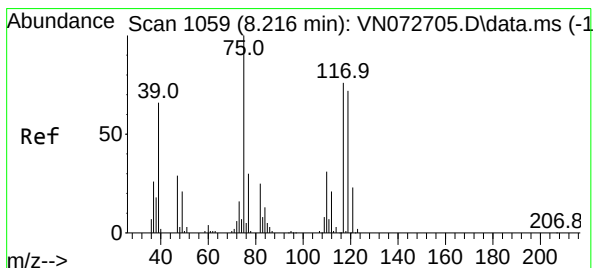
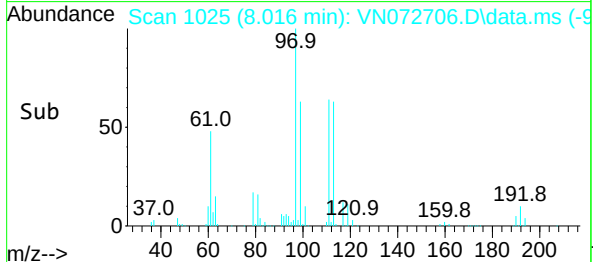
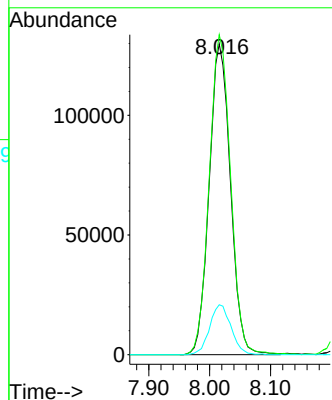
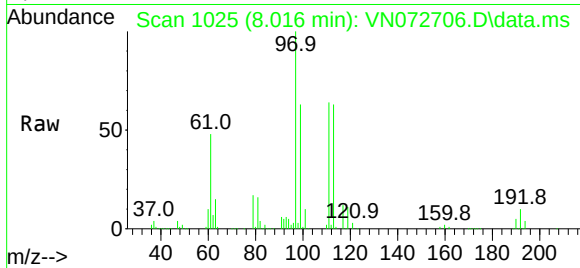




#35  
Dibromofluoromethane  
Concen: 134.867 ug/l  
RT: 8.016 min Scan# 1025  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

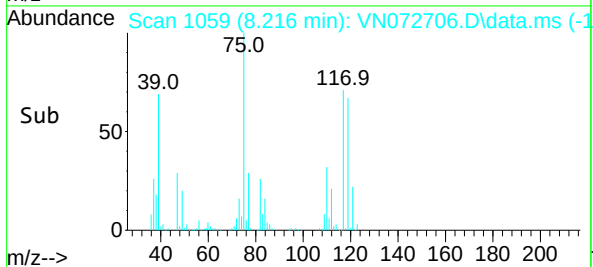
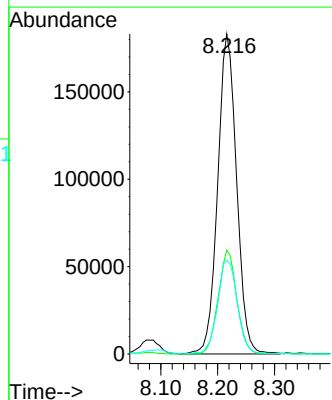
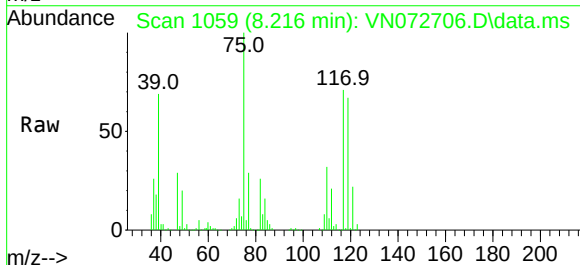
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

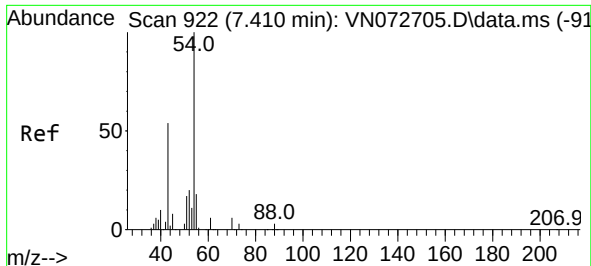
Tgt Ion:113 Resp: 315198  
Ion Ratio Lower Upper  
113 100  
111 103.4 81.4 122.0  
192 16.2 17.0 25.6#



#36  
1,1-Dichloropropene  
Concen: 131.690 ug/l  
RT: 8.216 min Scan# 1059  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

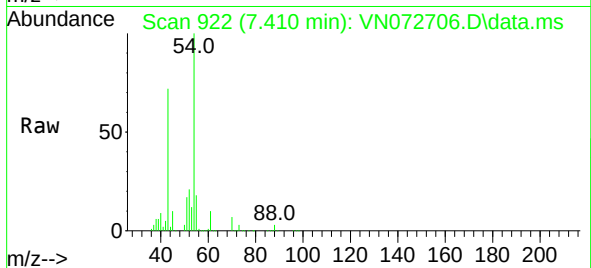
Tgt Ion: 75 Resp: 423908  
Ion Ratio Lower Upper  
75 100  
110 32.0 18.3 54.8  
77 30.7 25.1 37.7



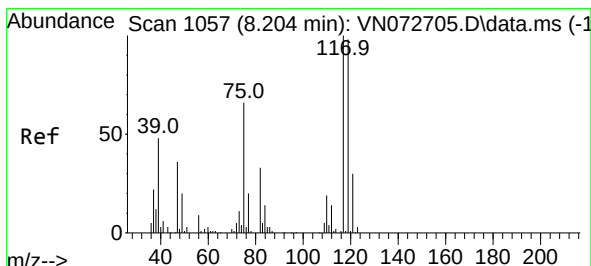
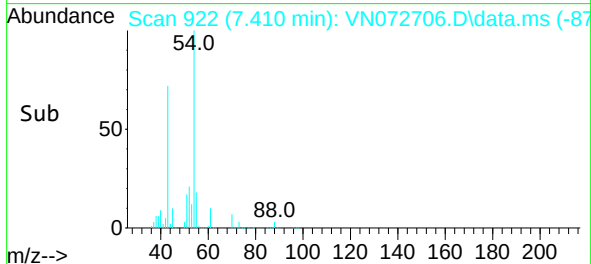
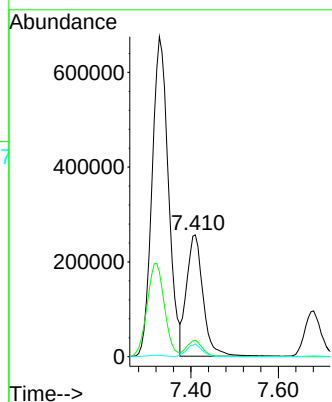


#37  
Ethyl Acetate  
Concen: 150.337 ug/l  
RT: 7.410 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

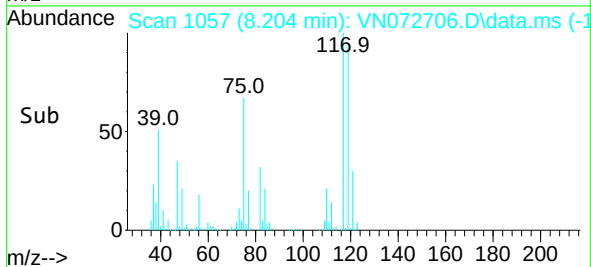
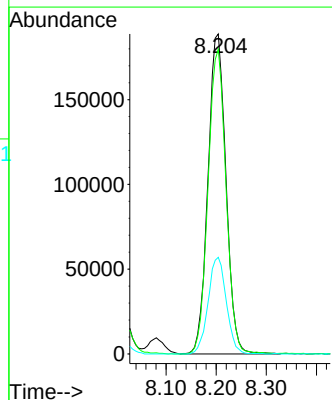
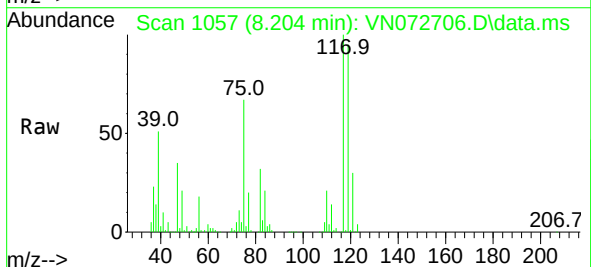


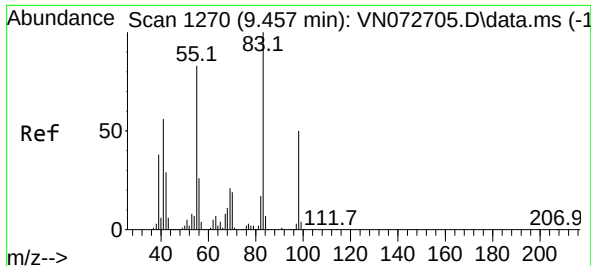
Tgt Ion: 43 Resp: 667598  
Ion Ratio Lower Upper  
43 100  
61 12.8 11.8 17.6  
70 9.7 9.3 13.9



#38  
Carbon Tetrachloride  
Concen: 137.807 ug/l  
RT: 8.204 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

Tgt Ion: 117 Resp: 471381  
Ion Ratio Lower Upper  
117 100  
119 95.2 75.8 113.8  
121 30.2 24.6 37.0

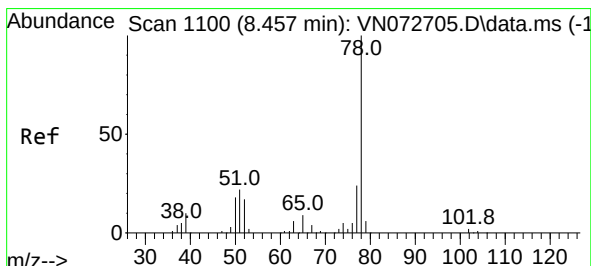
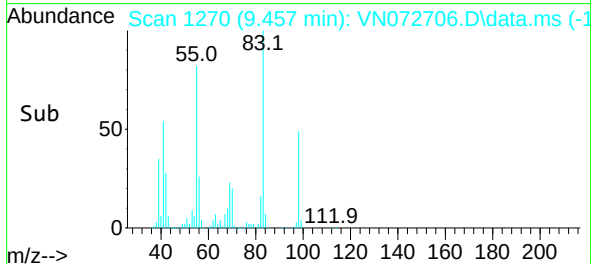
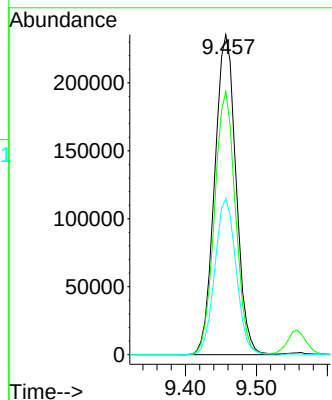
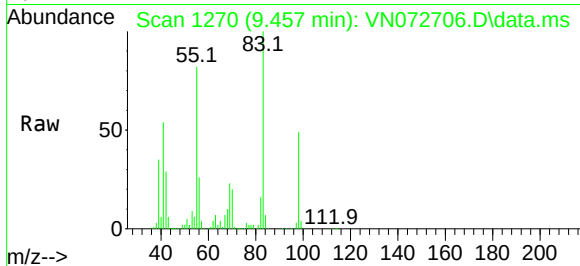




#39  
Methylcyclohexane  
Concen: 126.518 ug/l  
RT: 9.457 min Scan# 1100  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

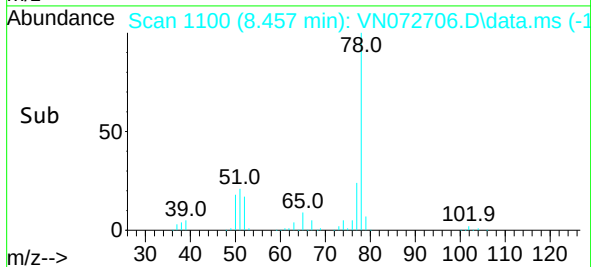
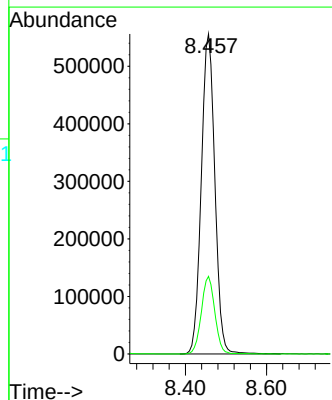
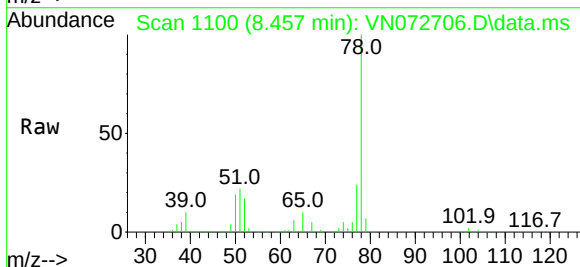
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tgt Ion: 83 Resp: 491165  
Ion Ratio Lower Upper  
83 100  
55 82.2 57.8 86.8  
98 48.7 39.4 59.2

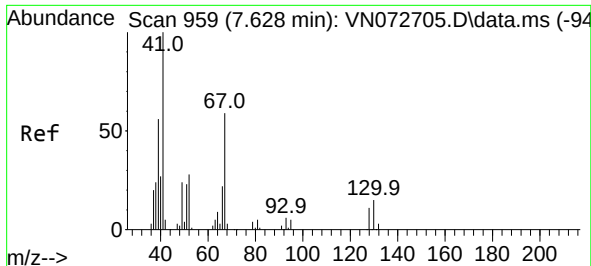


#40  
Benzene  
Concen: 125.811 ug/l  
RT: 8.457 min Scan# 1100  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

Tgt Ion: 78 Resp: 1291620  
Ion Ratio Lower Upper  
78 100  
77 24.2 19.4 29.0



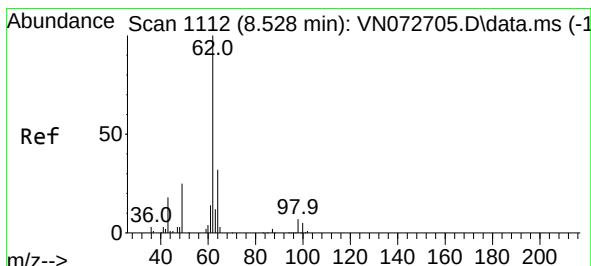
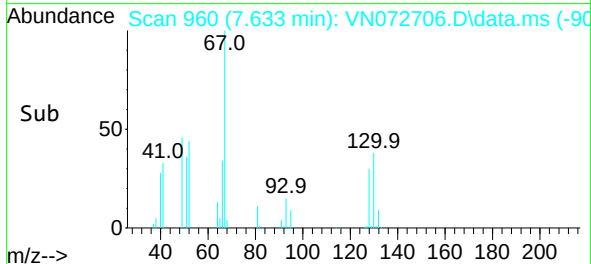
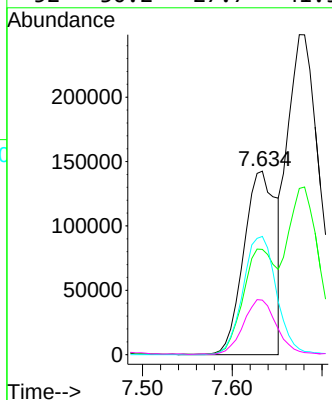
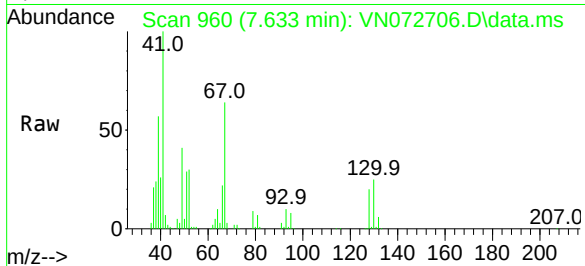




#41  
Methacrylonitrile  
Concen: 163.003 ug/l  
RT: 7.633 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

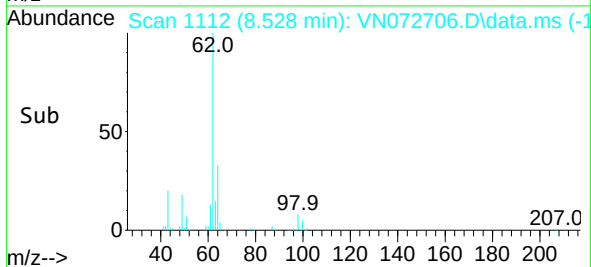
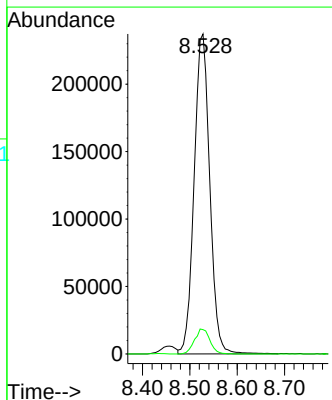
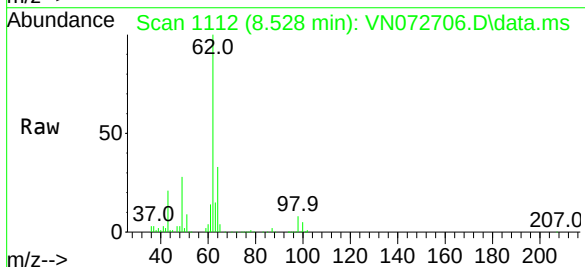
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

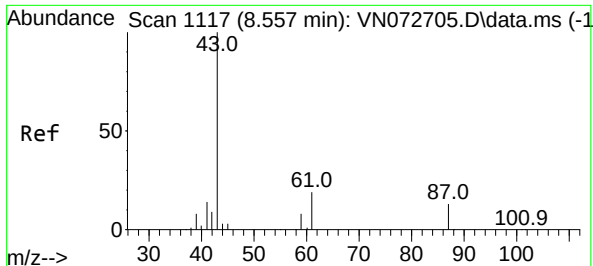
Tgt Ion: 41 Resp: 359179  
Ion Ratio Lower Upper  
41 100  
39 58.0 48.6 73.0  
67 66.7 73.4 110.2#  
52 30.2 27.7 41.5



#42  
1,2-Dichloroethane  
Concen: 153.781 ug/l  
RT: 8.528 min Scan# 1112  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

Tgt Ion: 62 Resp: 542314  
Ion Ratio Lower Upper  
62 100  
98 7.7 0.0 19.4

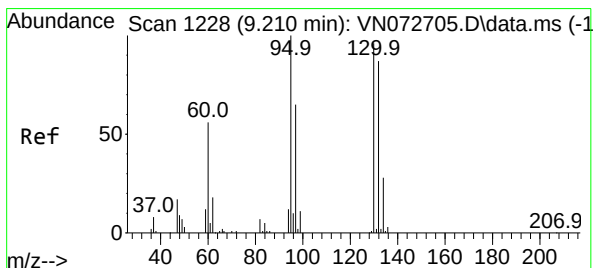
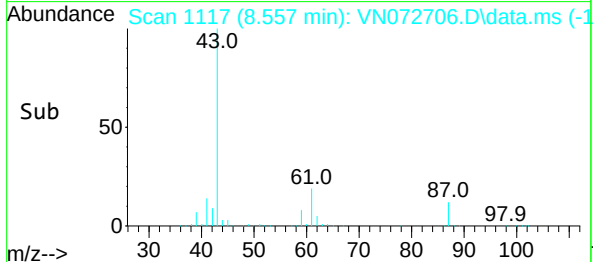
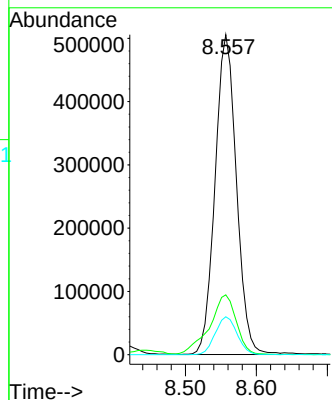
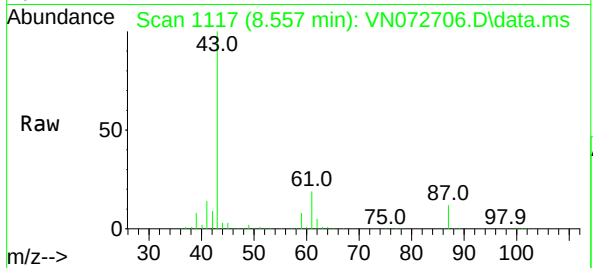




#43  
Isopropyl Acetate  
Concen: 166.063 ug/l  
RT: 8.557 min Scan# 1117  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

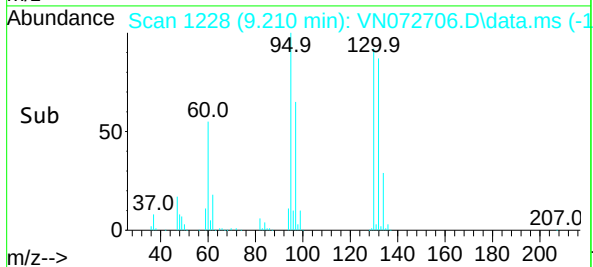
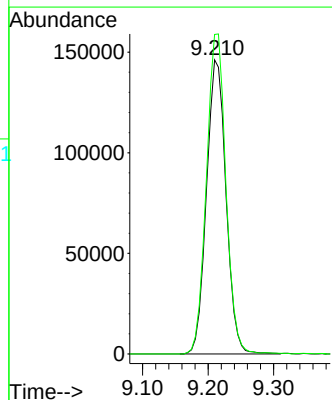
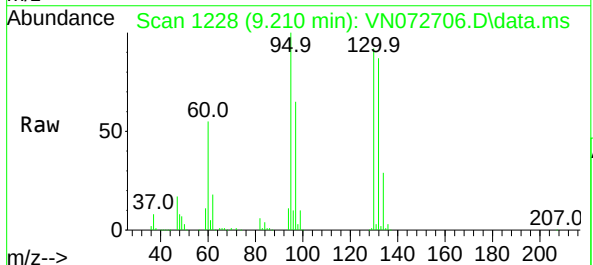
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

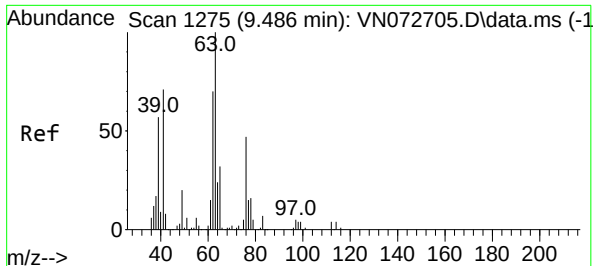
Tgt Ion: 43 Resp: 1052806  
Ion Ratio Lower Upper  
43 100  
61 23.5 21.9 32.9  
87 12.2 12.0 18.0



#44  
Trichloroethene  
Concen: 116.874 ug/l  
RT: 9.210 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

Tgt Ion:130 Resp: 302544  
Ion Ratio Lower Upper  
130 100  
95 108.6 0.0 186.8





#45

1,2-Dichloropropane

Concen: 133.087 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. -0.000 min

Lab File: VN072706.D

Acq: 08 Jun 2022 18:16

Instrument :

MSVOA\_N

ClientSampleId :

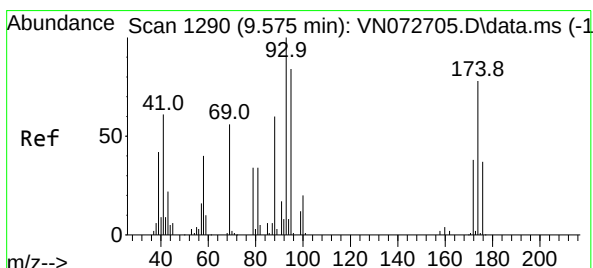
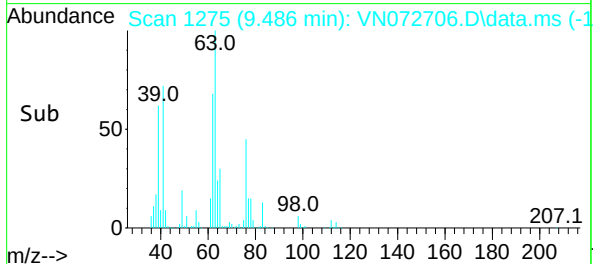
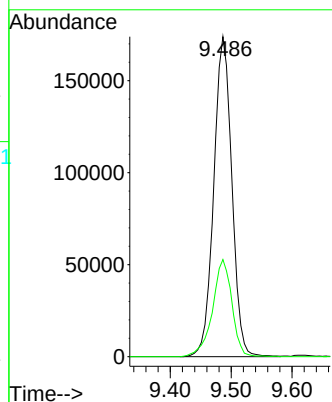
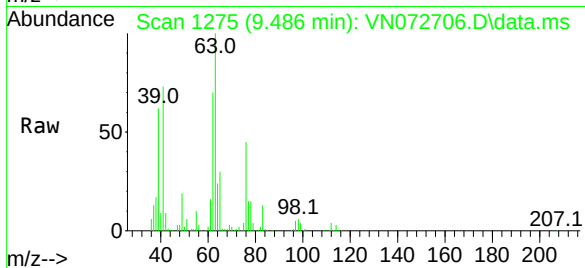
VSTDICC100

Tgt Ion: 63 Resp: 359049

Ion Ratio Lower Upper

63 100

65 30.3 24.9 37.3



#46

Dibromomethane

Concen: 135.328 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN072706.D

Acq: 08 Jun 2022 18:16

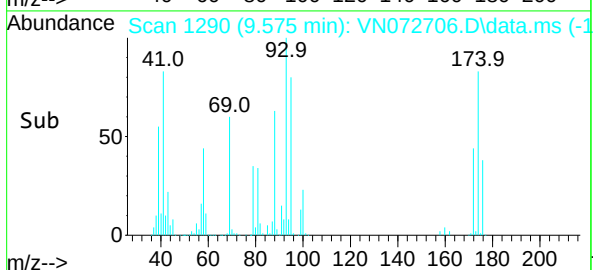
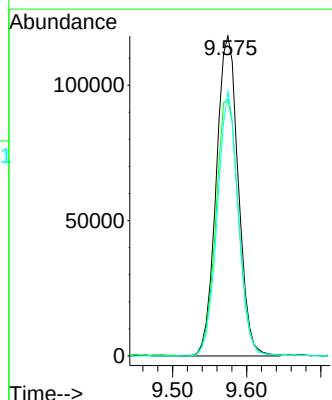
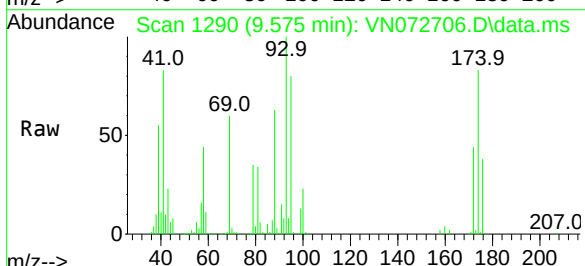
Tgt Ion: 93 Resp: 244547

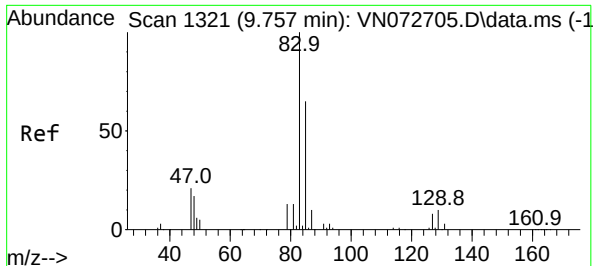
Ion Ratio Lower Upper

93 100

95 81.8 66.9 100.3

174 78.7 86.6 130.0#

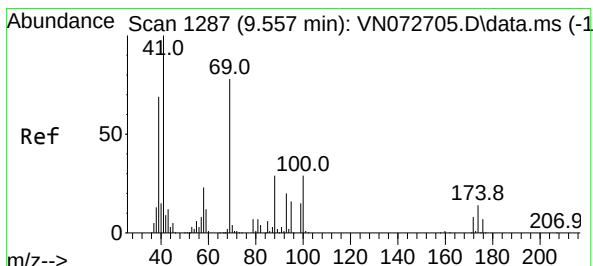
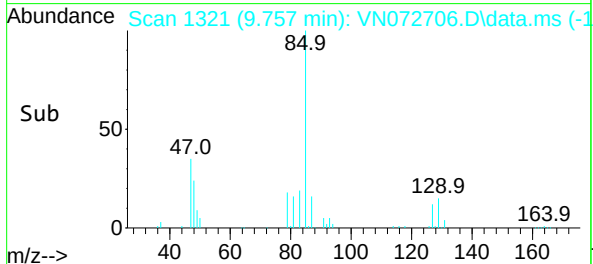
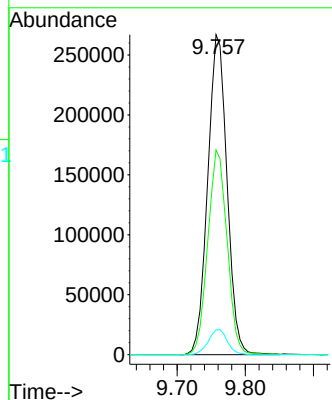
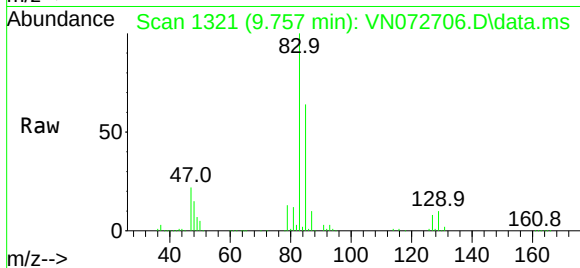




#47  
Bromodichloromethane  
Concen: 146.567 ug/l  
RT: 9.757 min Scan# 1321  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

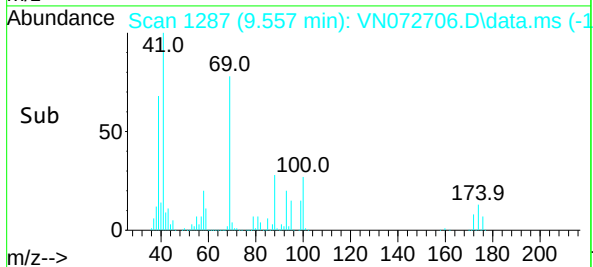
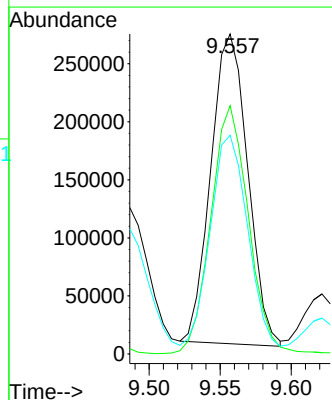
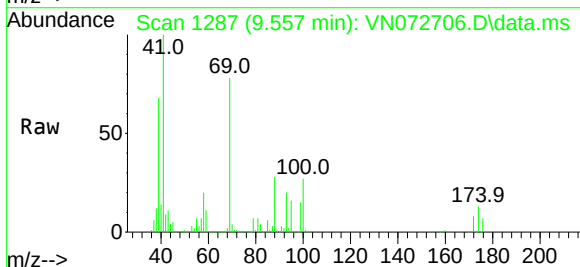
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

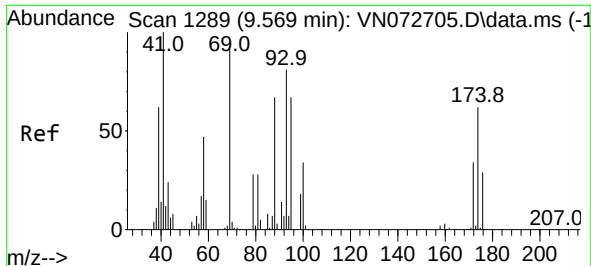
Tgt Ion: 83 Resp: 526074  
Ion Ratio Lower Upper  
83 100  
85 64.0 50.5 75.7  
127 7.7 6.8 10.2



#48  
Methyl methacrylate  
Concen: 158.742 ug/l  
RT: 9.557 min Scan# 1287  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

Tgt Ion: 41 Resp: 481716  
Ion Ratio Lower Upper  
41 100  
69 81.8 74.7 112.1  
39 73.7 45.6 68.4





#49

1,4-Dioxane

Concen: 3218.038 ug/l

RT: 9.563 min Scan# 1289

Delta R.T. -0.006 min

Lab File: VN072706.D

Acq: 08 Jun 2022 18:16

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

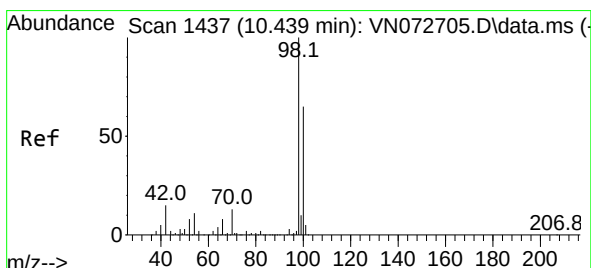
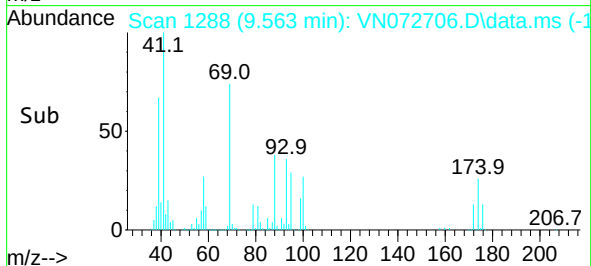
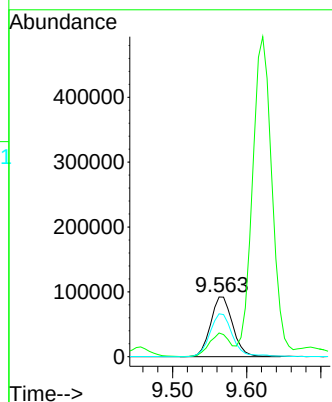
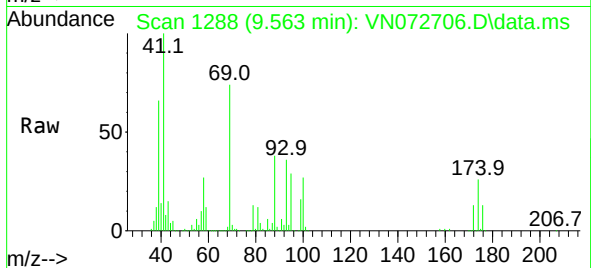
Tgt Ion: 88 Resp: 190783

Ion Ratio Lower Upper

88 100

43 38.1 20.2 30.4#

58 74.4 54.2 81.4



#50

Toluene-d8

Concen: 142.938 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. -0.000 min

Lab File: VN072706.D

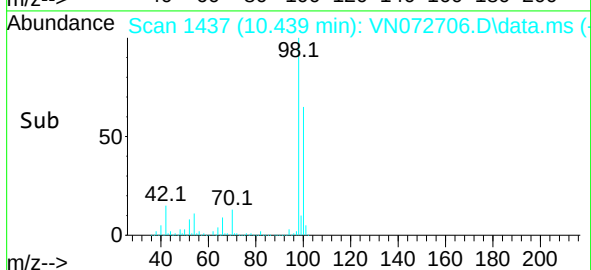
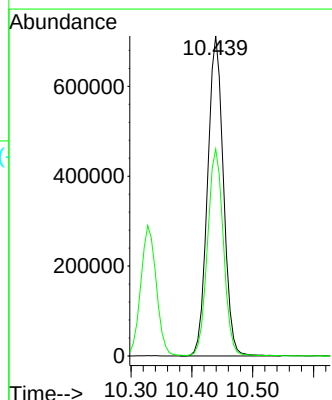
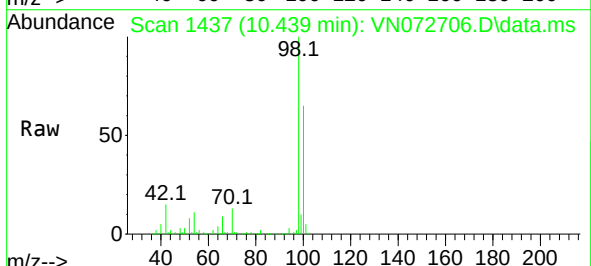
Acq: 08 Jun 2022 18:16

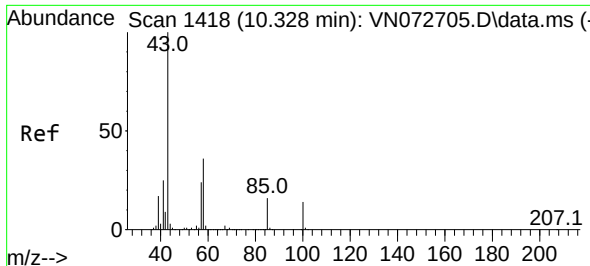
Tgt Ion: 98 Resp: 1286737

Ion Ratio Lower Upper

98 100

100 64.5 52.6 78.8

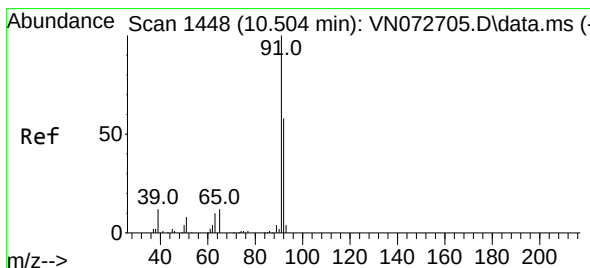
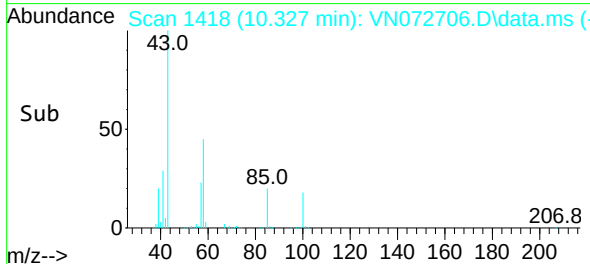
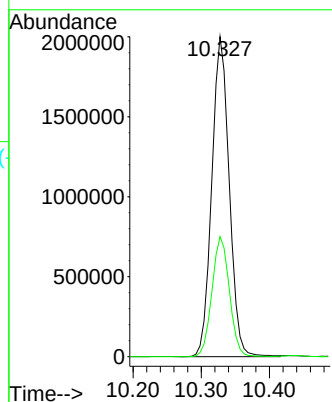
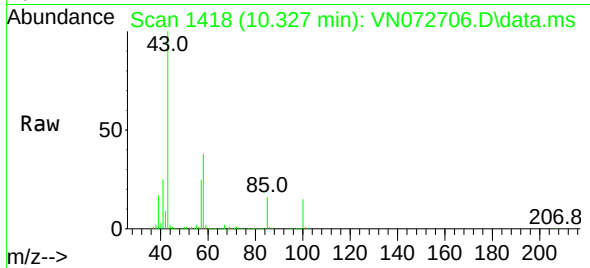




#51  
4-Methyl-2-Pentanone  
Concen: 821.947 ug/l  
RT: 10.327 min Scan# 1418  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

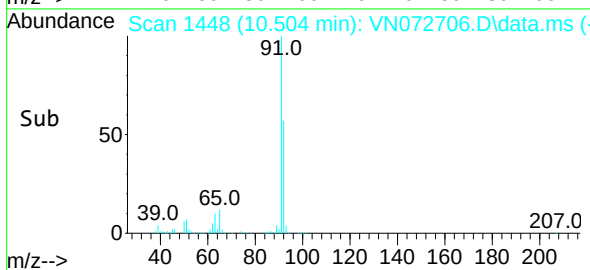
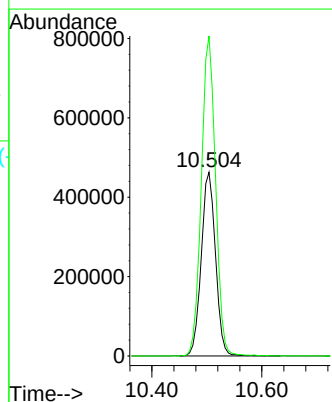
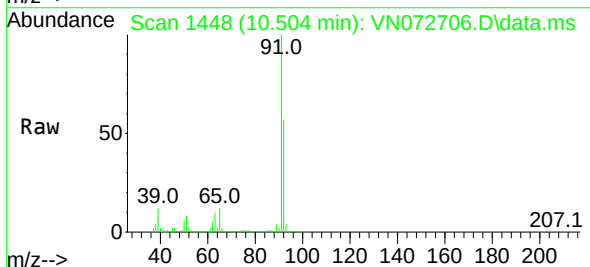
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

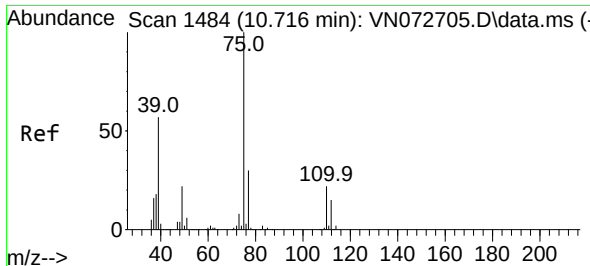
Tgt Ion: 43 Resp: 3560726  
Ion Ratio Lower Upper  
43 100  
58 37.5 34.1 51.1



#52  
Toluene  
Concen: 128.159 ug/l  
RT: 10.504 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

Tgt Ion: 92 Resp: 832574  
Ion Ratio Lower Upper  
92 100  
91 174.0 138.6 207.8

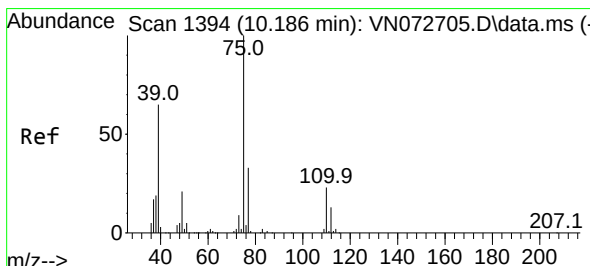
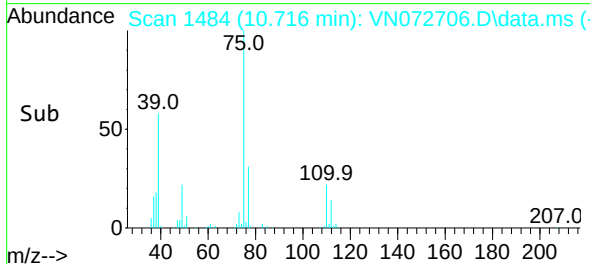
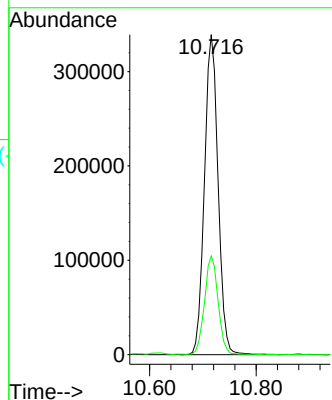
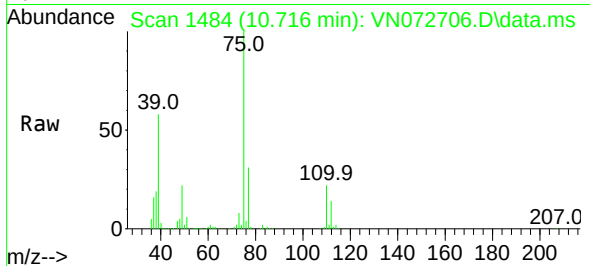




#53  
 t-1,3-Dichloropropene  
 Concen: 160.826 ug/l  
 RT: 10.716 min Scan# 1484  
 Delta R.T. -0.000 min  
 Lab File: VN072706.D  
 Acq: 08 Jun 2022 18:16

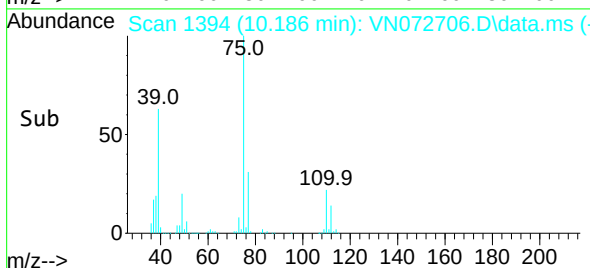
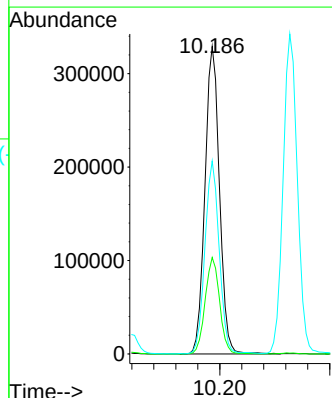
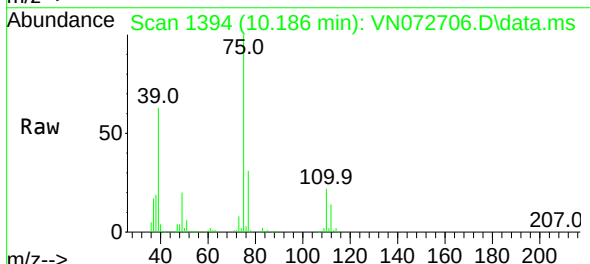
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

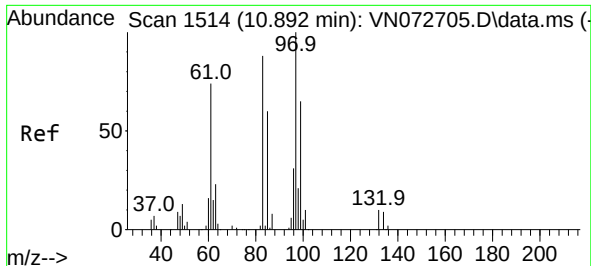
Tgt Ion: 75 Resp: 601357  
 Ion Ratio Lower Upper  
 75 100  
 77 30.7 25.6 38.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 147.257 ug/l  
 RT: 10.186 min Scan# 1394  
 Delta R.T. -0.000 min  
 Lab File: VN072706.D  
 Acq: 08 Jun 2022 18:16

Tgt Ion: 75 Resp: 603234  
 Ion Ratio Lower Upper  
 75 100  
 77 31.4 25.2 37.8  
 39 62.6 35.7 53.5#

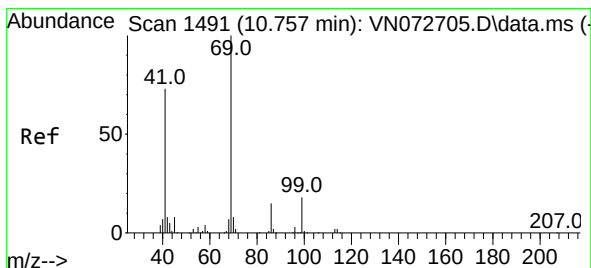
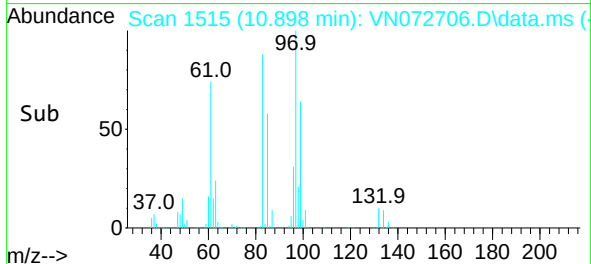
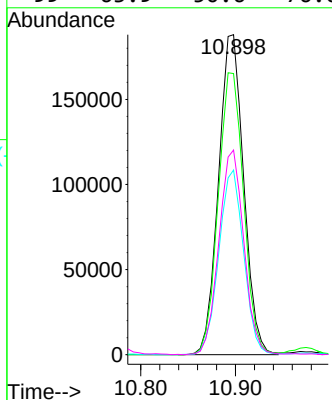
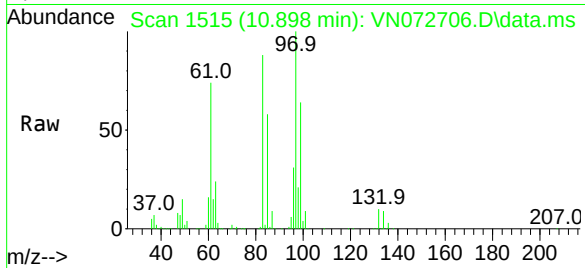




#55  
1,1,2-Trichloroethane  
Concen: 128.821 ug/l  
RT: 10.898 min Scan# 1514  
Delta R.T. 0.006 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

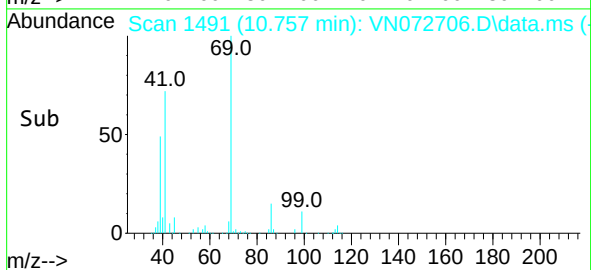
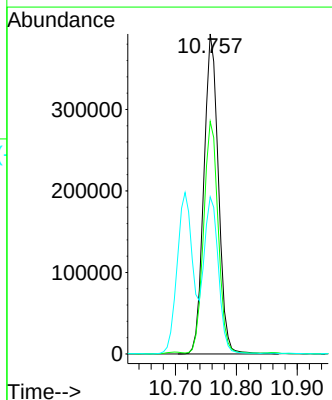
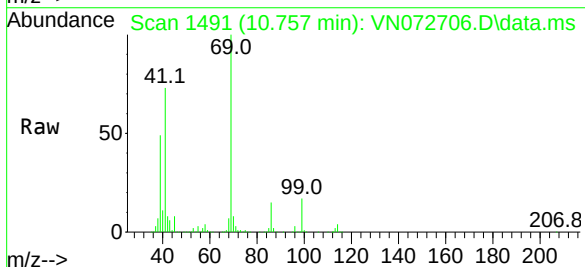
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tgt Ion: 97 Resp: 347312  
Ion Ratio Lower Upper  
97 100  
83 87.8 66.2 99.4  
85 57.7 43.9 65.9  
99 63.9 50.6 76.0

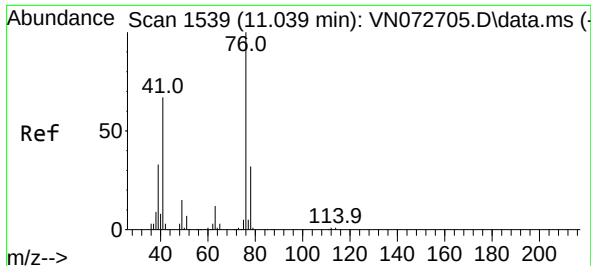


#56  
Ethyl methacrylate  
Concen: 151.161 ug/l  
RT: 10.757 min Scan# 1491  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

Tgt Ion: 69 Resp: 650974  
Ion Ratio Lower Upper  
69 100  
41 72.3 47.8 71.6#  
39 47.3 27.3 40.9#







#57

1,3-Dichloropropane

Concen: 136.694 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN072706.D

Acq: 08 Jun 2022 18:16

Instrument :

MSVOA\_N

ClientSampleId :

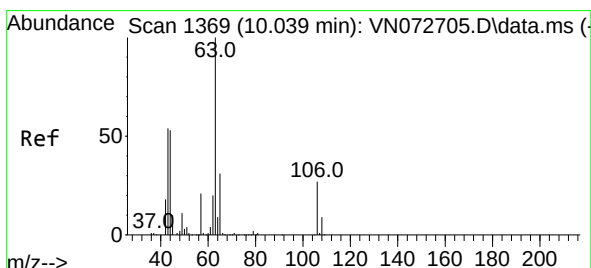
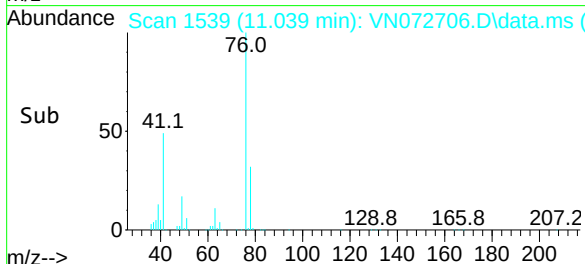
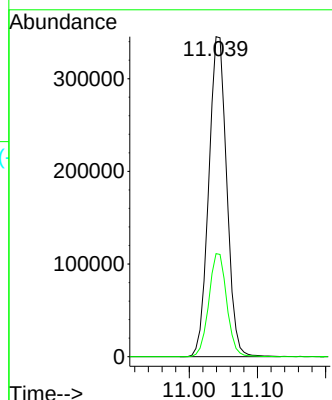
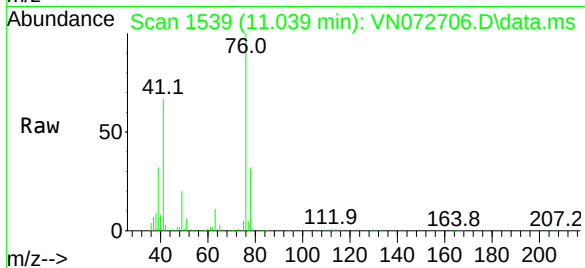
VSTDICC100

Tgt Ion: 76 Resp: 633167

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 762.258 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VN072706.D

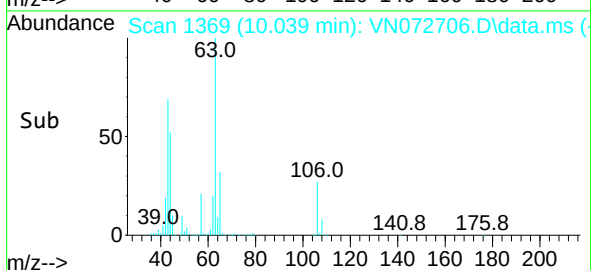
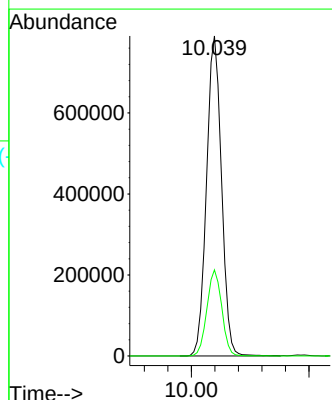
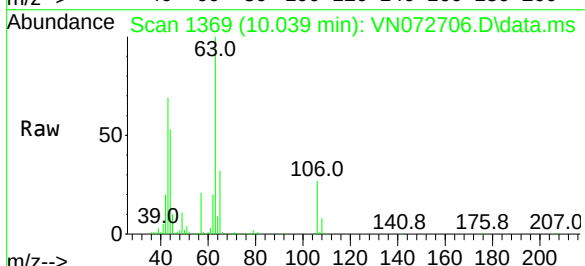
Acq: 08 Jun 2022 18:16

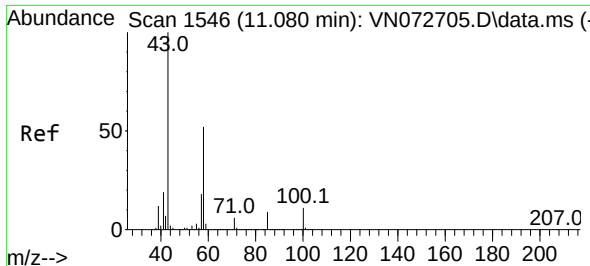
Tgt Ion: 63 Resp: 1393005

Ion Ratio Lower Upper

63 100

106 26.6 24.6 36.8

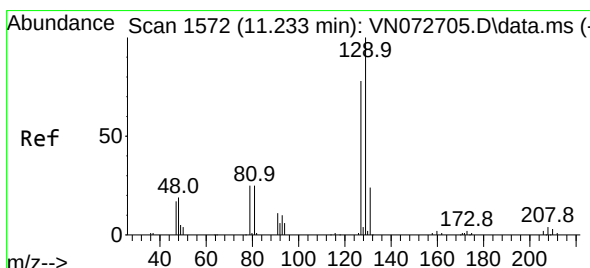
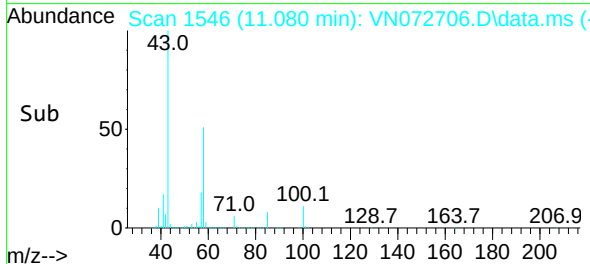
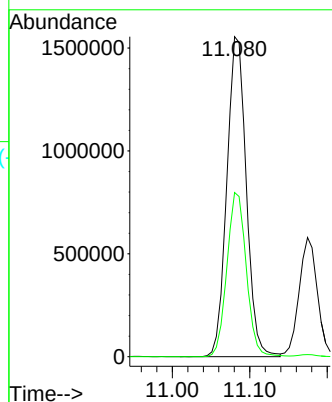
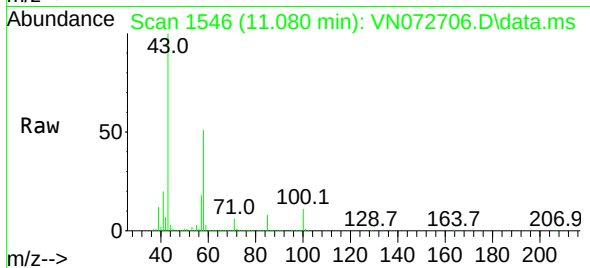




#59  
2-Hexanone  
Concen: 865.269 ug/l  
RT: 11.080 min Scan# 1546  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

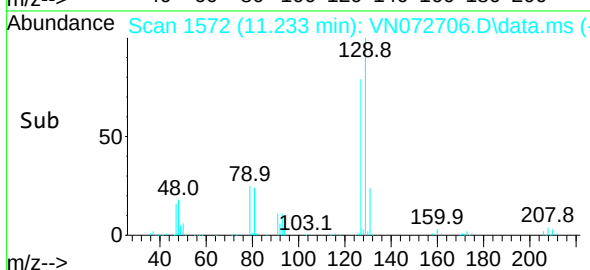
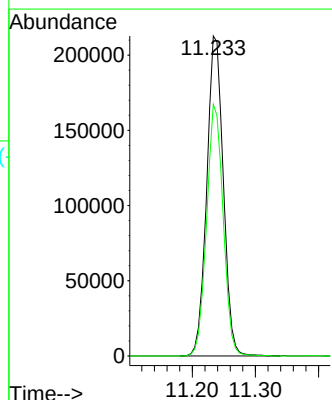
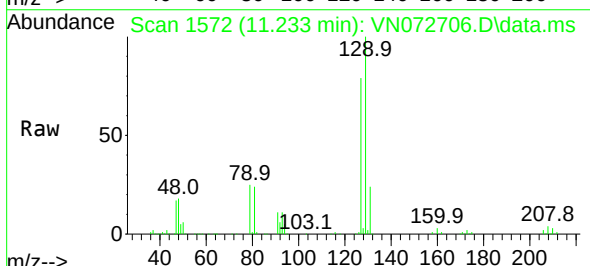
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

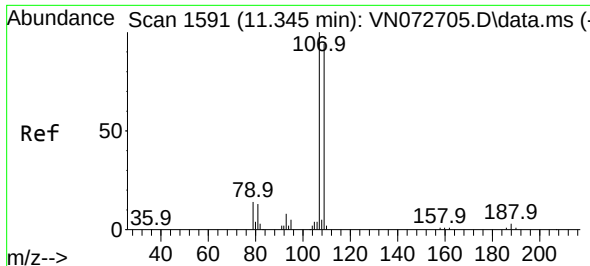
Tgt Ion: 43 Resp: 2717173  
Ion Ratio Lower Upper  
43 100  
58 51.2 29.7 89.1



#60  
Dibromochloromethane  
Concen: 133.973 ug/l  
RT: 11.233 min Scan# 1572  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

Tgt Ion: 129 Resp: 387971  
Ion Ratio Lower Upper  
129 100  
127 78.5 38.8 116.4

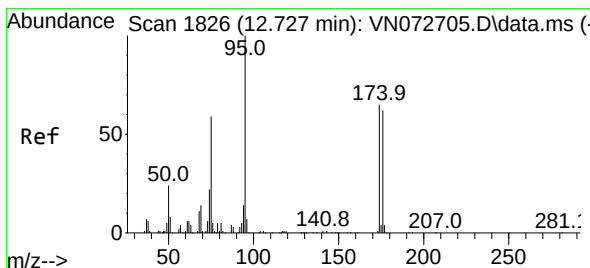
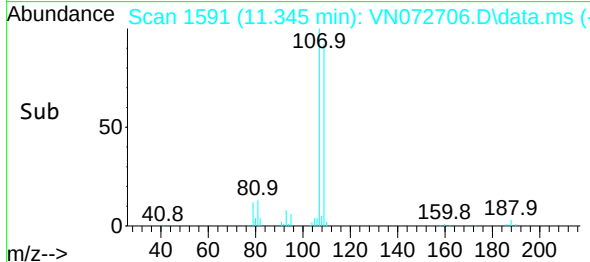
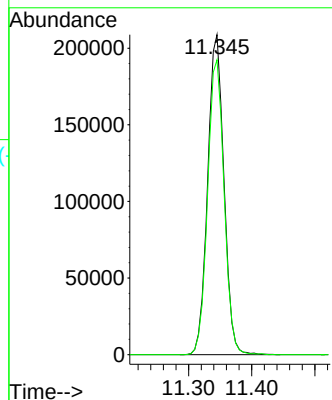
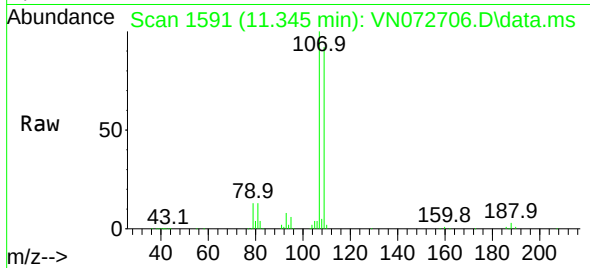




#61  
1,2-Dibromoethane  
Concen: 132.139 ug/l  
RT: 11.345 min Scan# 1591  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

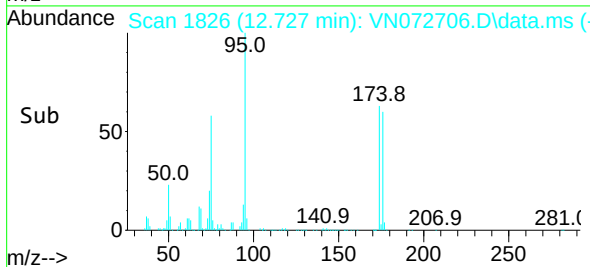
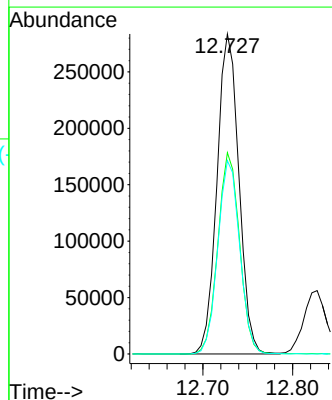
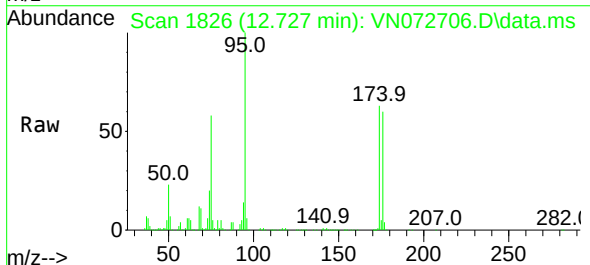
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

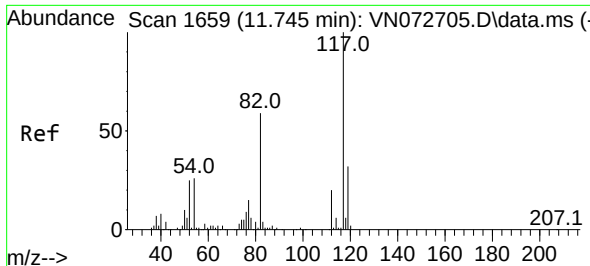
Tgt Ion:107 Resp: 372758  
Ion Ratio Lower Upper  
107 100  
109 93.5 75.0 112.6



#62  
4-Bromofluorobenzene  
Concen: 161.045 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

Tgt Ion: 95 Resp: 480930  
Ion Ratio Lower Upper  
95 100  
174 62.2 0.0 167.6  
176 60.4 0.0 163.4

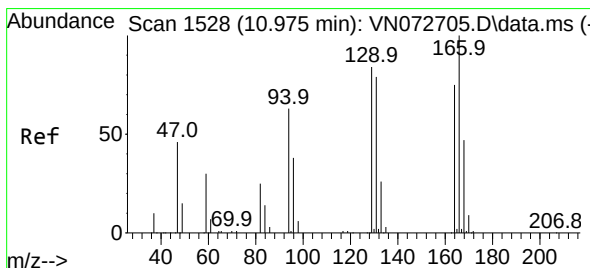
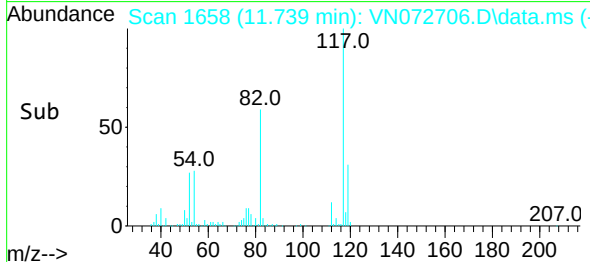
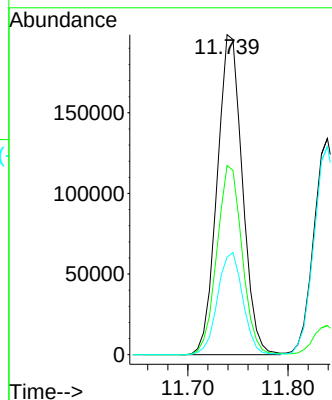
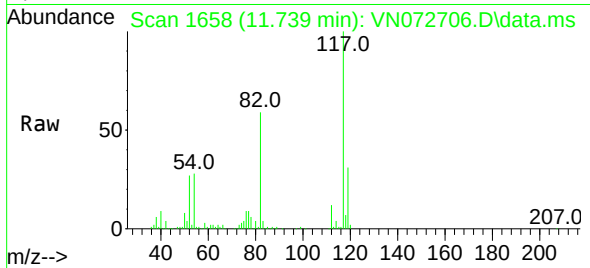




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 1658  
Delta R.T. -0.006 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

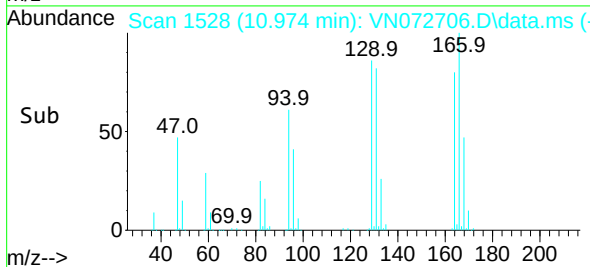
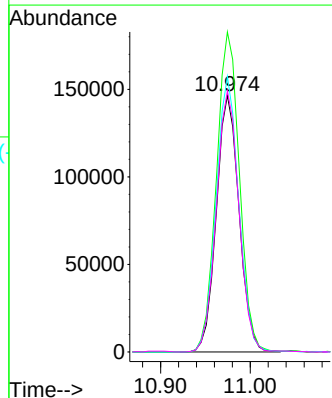
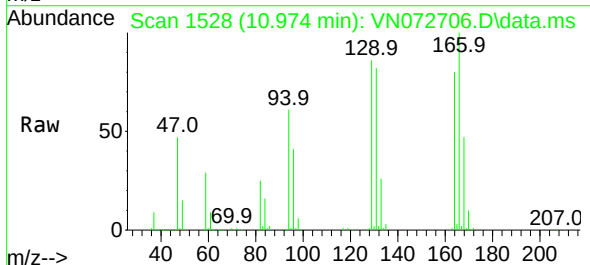
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

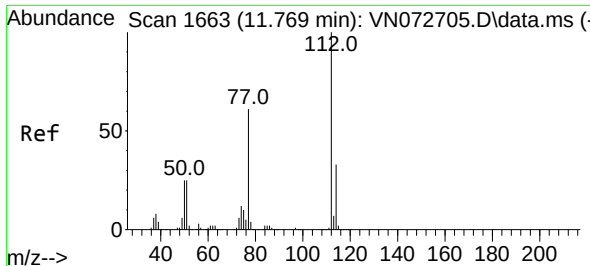
Tgt Ion:117 Resp: 347237  
Ion Ratio Lower Upper  
117 100  
82 59.1 44.2 66.2  
119 30.5 25.4 38.0



#64  
Tetrachloroethene  
Concen: 98.616 ug/l  
RT: 10.974 min Scan# 1528  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

Tgt Ion:164 Resp: 256824  
Ion Ratio Lower Upper  
164 100  
166 124.9 104.2 156.2  
129 107.5 73.9 110.9  
131 101.9 69.4 104.2

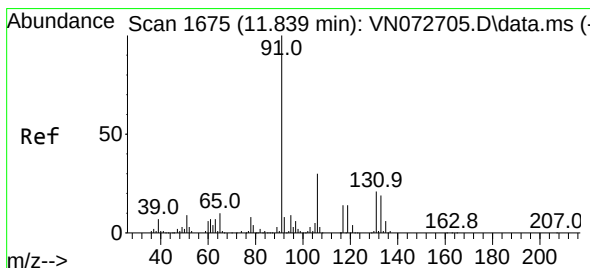
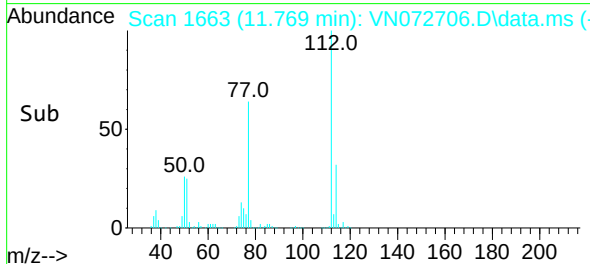
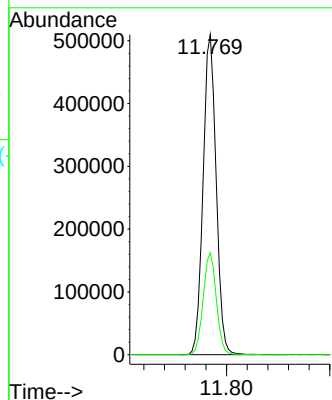
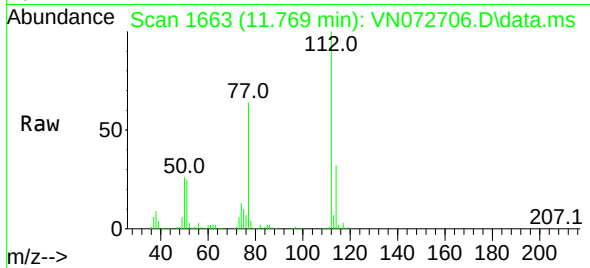




#65  
Chlorobenzene  
Concen: 110.258 ug/l  
RT: 11.769 min Scan# 1663  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

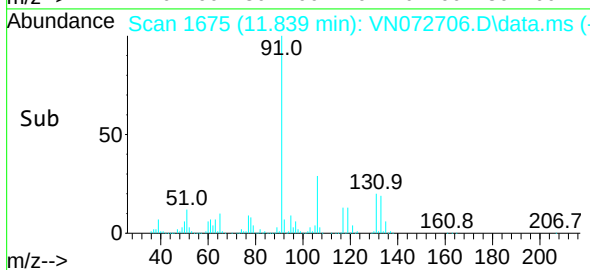
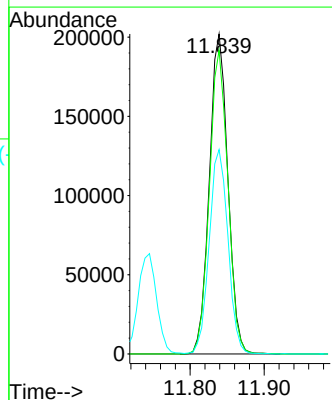
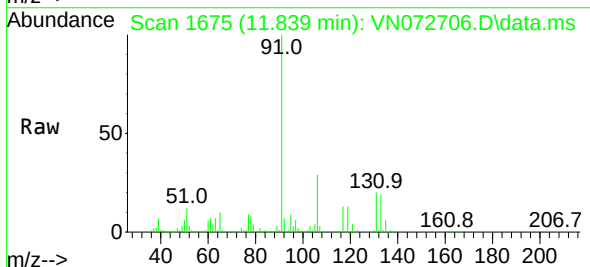
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

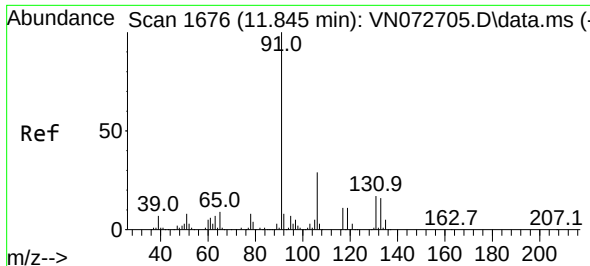
Tgt Ion:112 Resp: 893048  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 114.227 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

Tgt Ion:131 Resp: 351320  
Ion Ratio Lower Upper  
131 100  
133 94.7 47.8 143.4  
119 64.6 33.4 100.2

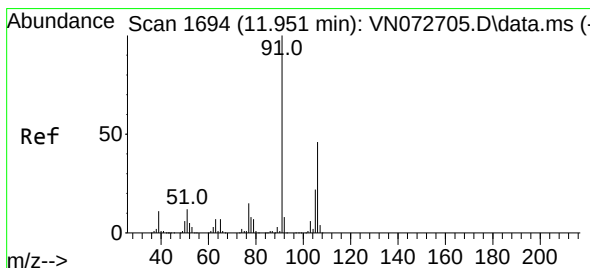
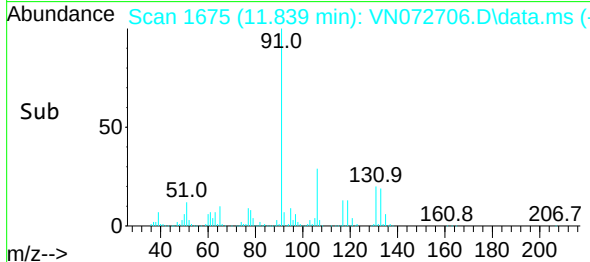
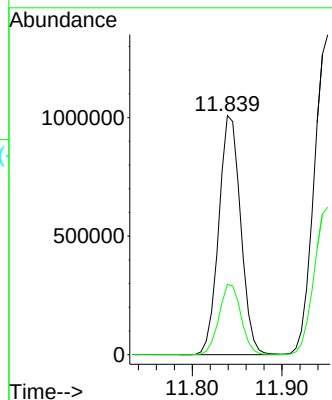
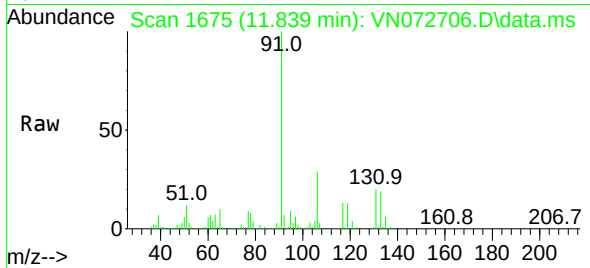




#67  
Ethyl Benzene  
Concen: 122.787 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. -0.006 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

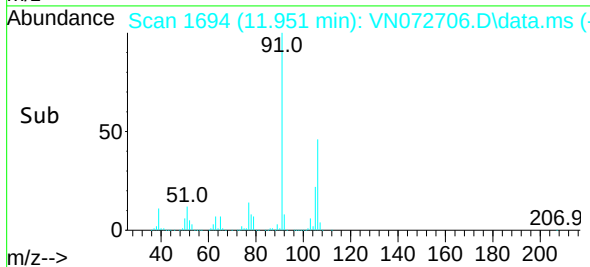
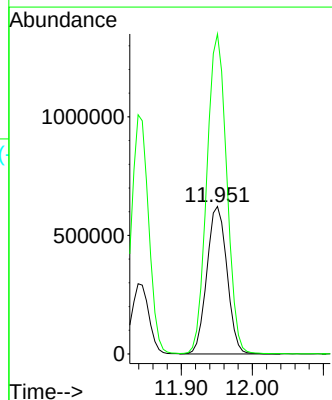
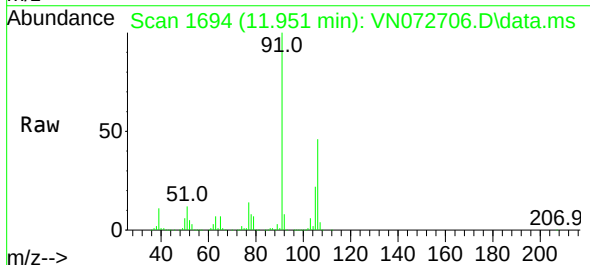
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

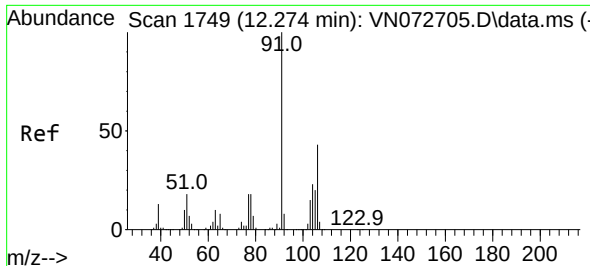
Tgt Ion: 91 Resp: 1712254  
Ion Ratio Lower Upper  
91 100  
106 29.4 24.9 37.3



#68  
m/p-Xylenes  
Concen: 233.684 ug/l  
RT: 11.951 min Scan# 1694  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

Tgt Ion:106 Resp: 1223878  
Ion Ratio Lower Upper  
106 100  
91 214.8 158.9 238.3

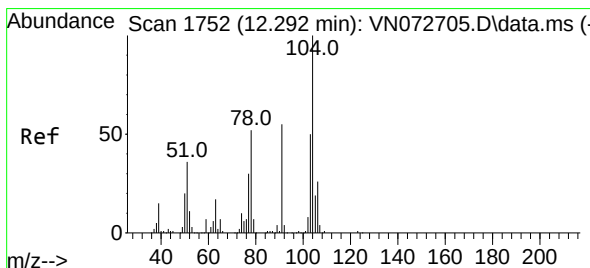
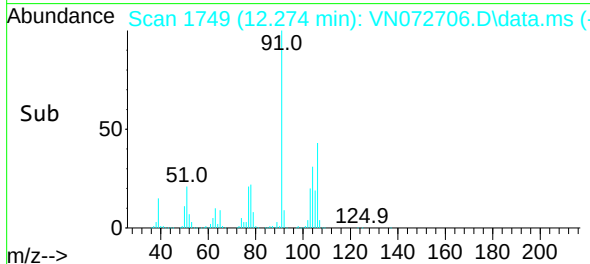
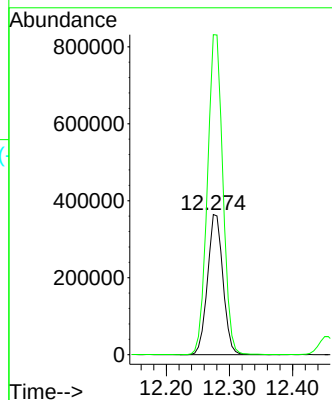
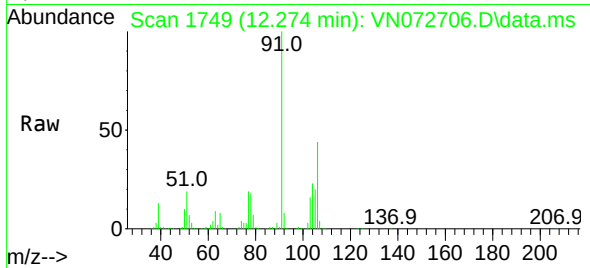




#69  
o-Xylene  
Concen: 120.951 ug/l  
RT: 12.274 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

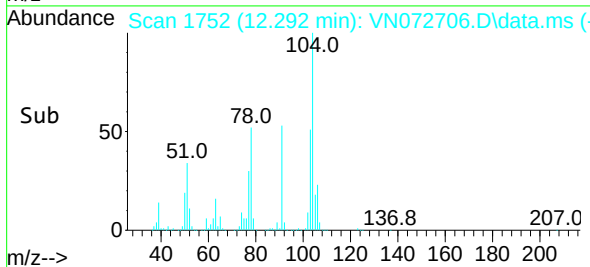
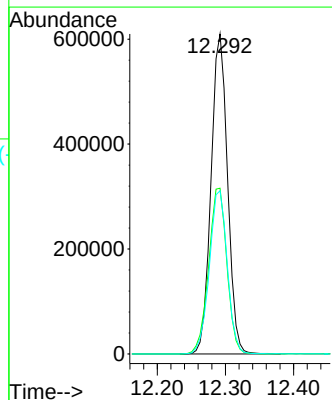
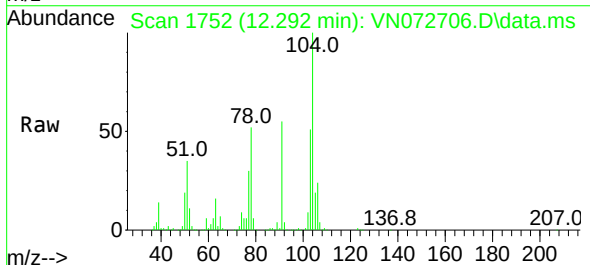
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

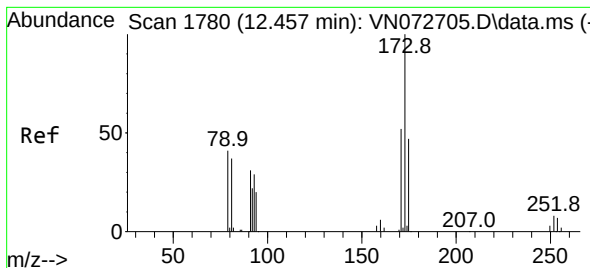
Tgt Ion:106 Resp: 616226  
Ion Ratio Lower Upper  
106 100  
91 229.5 106.0 318.0



#70  
Styrene  
Concen: 124.913 ug/l  
RT: 12.292 min Scan# 1752  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

Tgt Ion:104 Resp: 1028126  
Ion Ratio Lower Upper  
104 100  
78 57.4 39.5 59.3  
103 55.5 44.0 66.0





#71

Bromoform

Concen: 111.303 ug/l

RT: 12.457 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN072706.D

Acq: 08 Jun 2022 18:16

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC100

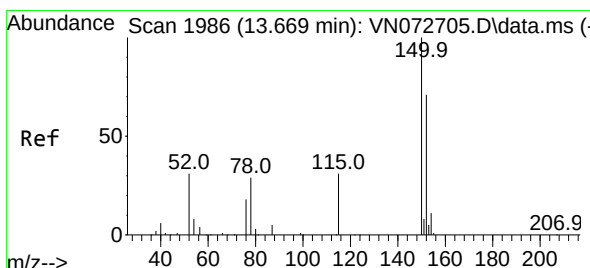
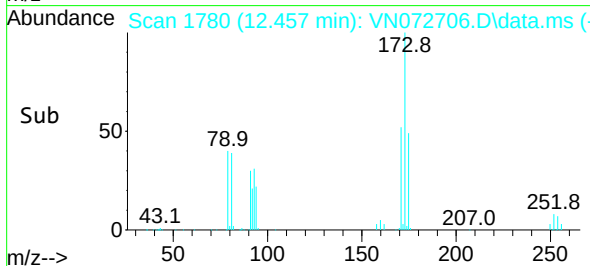
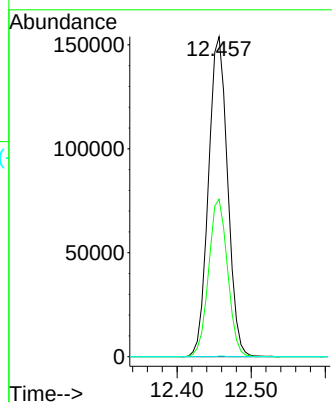
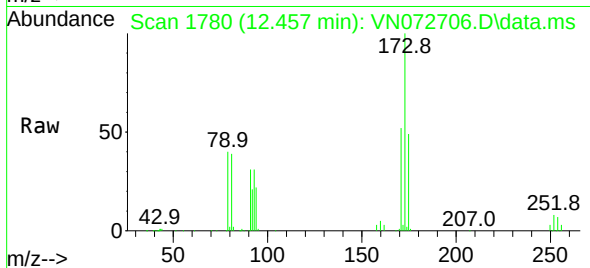
Tgt Ion:173 Resp: 275951

Ion Ratio Lower Upper

173 100

175 48.6 24.6 73.6

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.674 min Scan# 1987

Delta R.T. 0.006 min

Lab File: VN072706.D

Acq: 08 Jun 2022 18:16

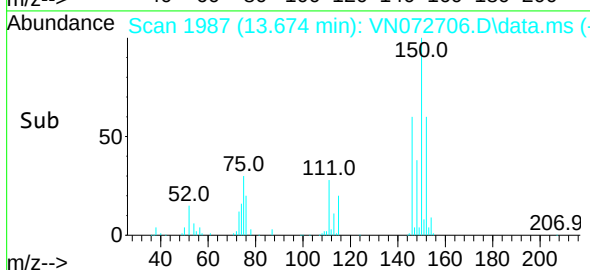
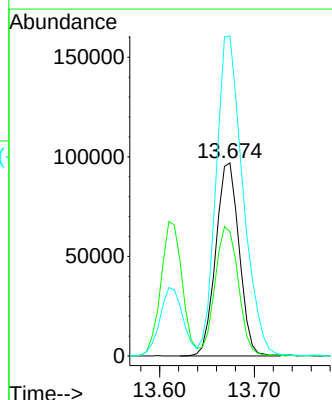
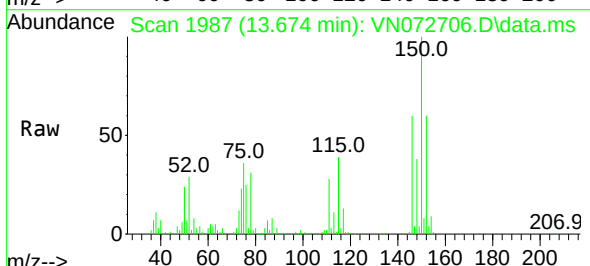
Tgt Ion:152 Resp: 166194

Ion Ratio Lower Upper

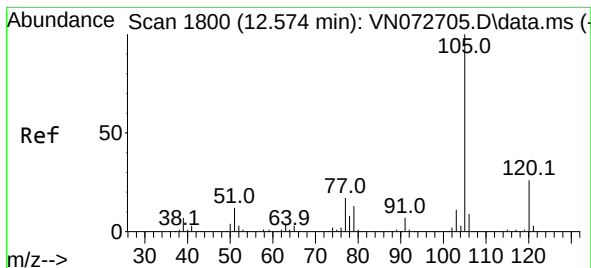
152 100

115 67.5 28.9 86.7

150 190.3 0.0 356.2







#73

Isopropylbenzene

Concen: 108.368 ug/l

RT: 12.574 min Scan# 1800

Delta R.T. -0.000 min

Lab File: VN072706.D

Acq: 08 Jun 2022 18:16

Instrument :

MSVOA\_N

ClientSampleId :

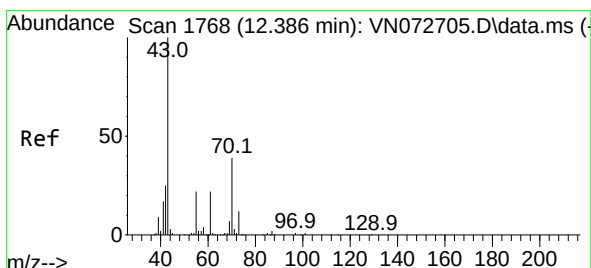
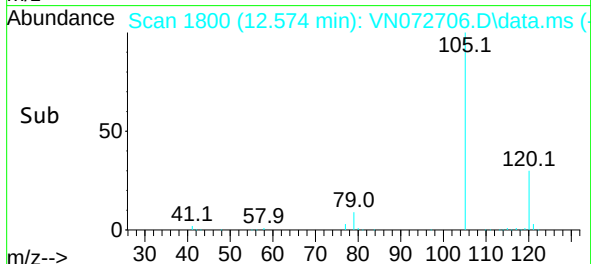
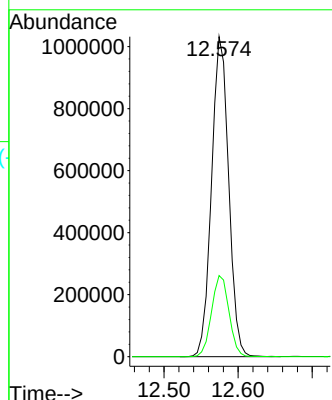
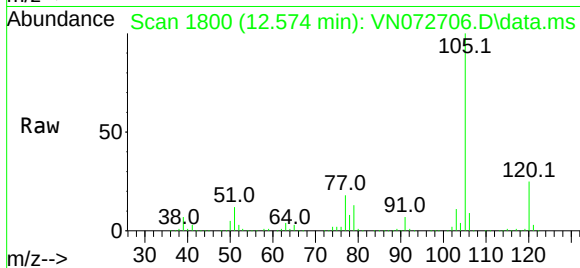
VSTDICC100

Tgt Ion:105 Resp: 1653451

Ion Ratio Lower Upper

105 100

120 25.8 13.5 40.4



#74

N-ethyl acetate

Concen: 143.855 ug/l

RT: 12.386 min Scan# 1768

Delta R.T. -0.000 min

Lab File: VN072706.D

Acq: 08 Jun 2022 18:16

Tgt Ion: 43 Resp: 838815

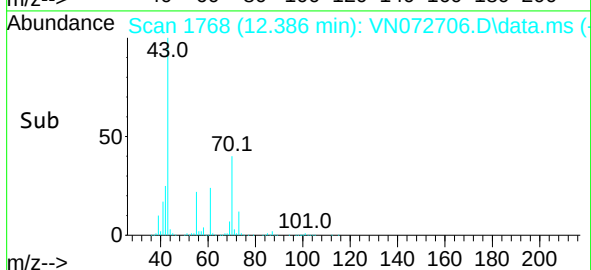
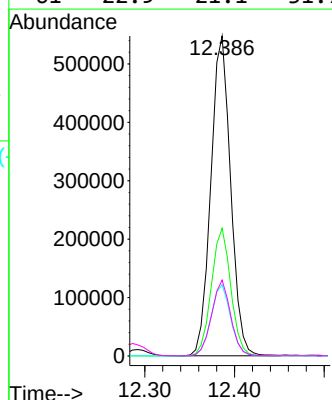
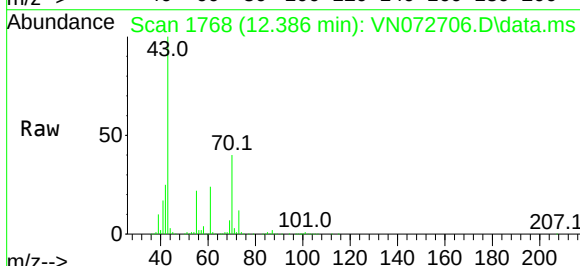
Ion Ratio Lower Upper

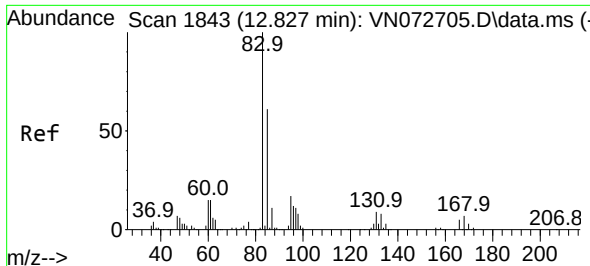
43 100

70 39.4 39.0 58.4

55 22.2 21.1 31.7

61 22.9 21.1 31.7

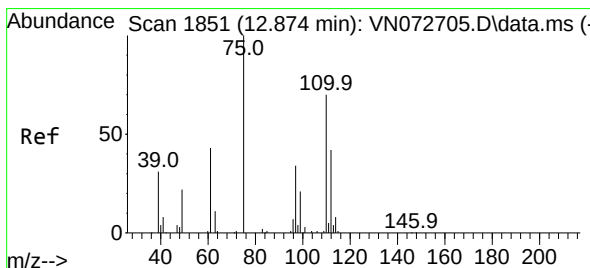
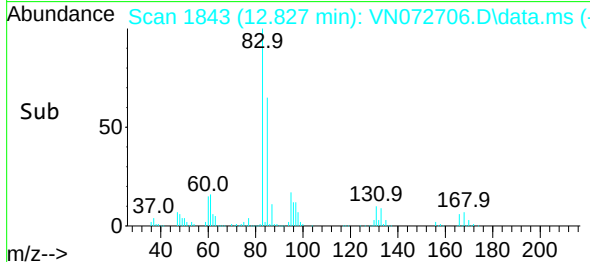
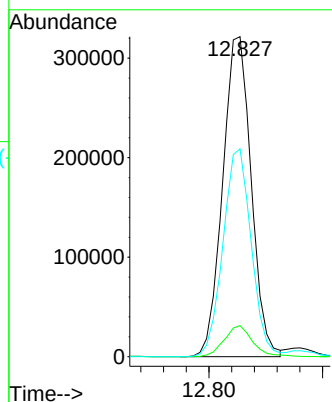
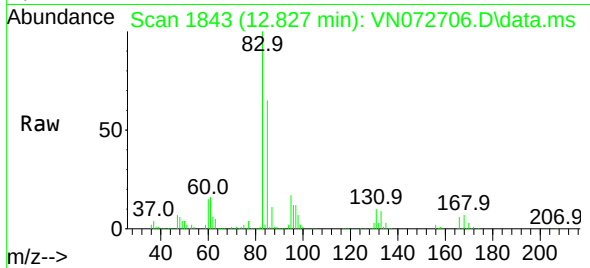




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 102.783 ug/l  
 RT: 12.827 min Scan# 1843  
 Delta R.T. -0.000 min  
 Lab File: VN072706.D  
 Acq: 08 Jun 2022 18:16

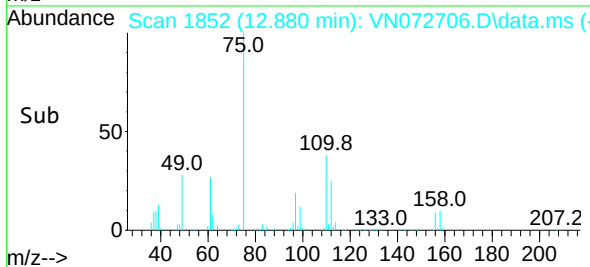
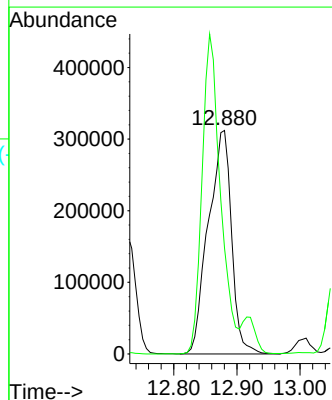
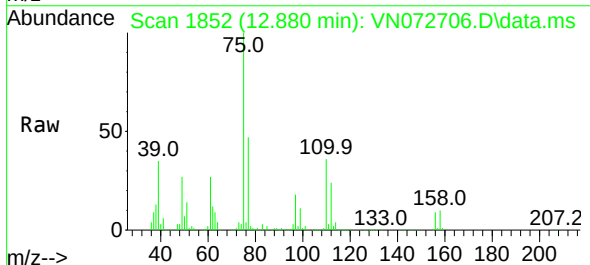
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

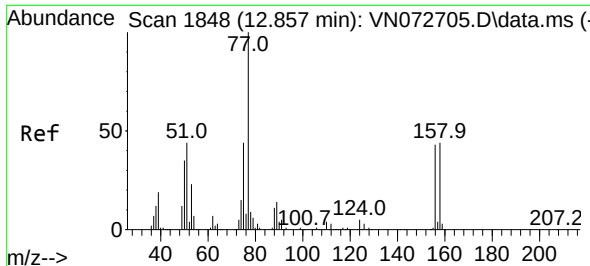
Tgt Ion: 83 Resp: 560482  
 Ion Ratio Lower Upper  
 83 100  
 131 9.7 5.3 15.9  
 85 64.3 32.3 96.9



#76  
 1,2,3-Trichloropropane  
 Concen: 172.430 ug/l  
 RT: 12.880 min Scan# 1852  
 Delta R.T. 0.006 min  
 Lab File: VN072706.D  
 Acq: 08 Jun 2022 18:16

Tgt Ion: 75 Resp: 796557  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 98.5 295.5#

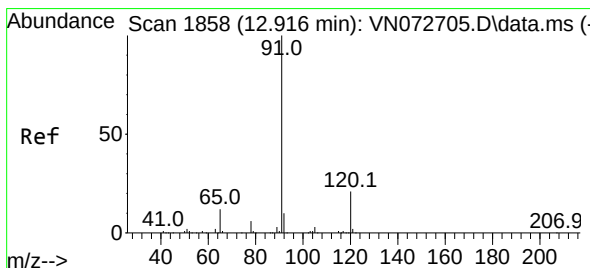
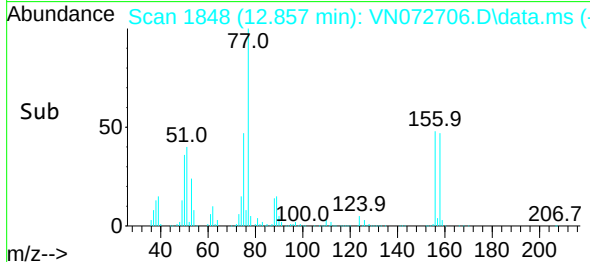
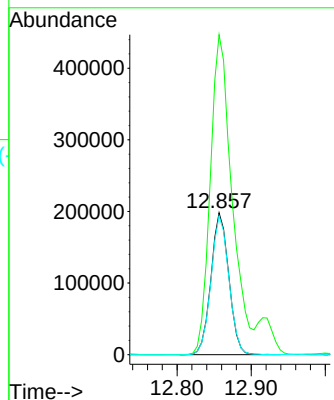
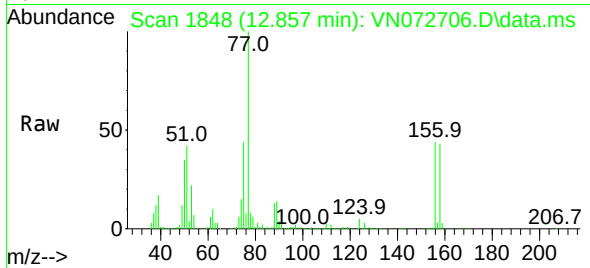




#77  
Bromobenzene  
Concen: 90.877 ug/l  
RT: 12.857 min Scan# 1848  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

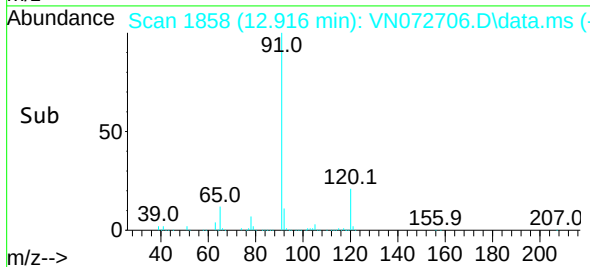
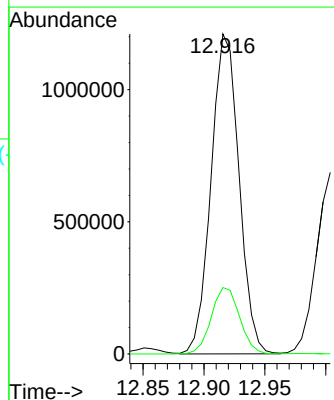
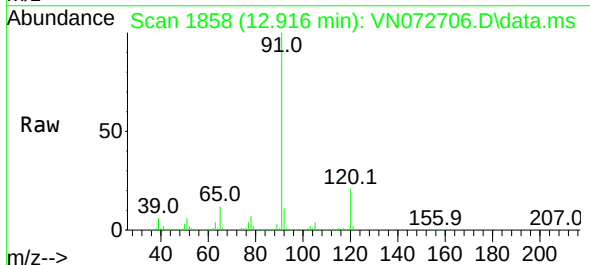
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MSVOA\_N  
ClientSampleId :  
VSTDIC100

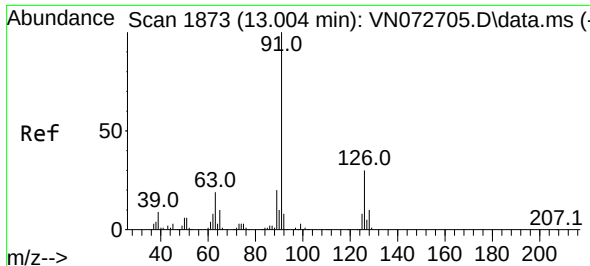
Tgt Ion:156 Resp: 331342  
Ion Ratio Lower Upper  
156 100  
77 274.5 100.5 301.5  
158 98.1 48.9 146.6



#78  
n-propylbenzene  
Concen: 114.078 ug/l  
RT: 12.916 min Scan# 1858  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

Tgt Ion: 91 Resp: 1932092  
Ion Ratio Lower Upper  
91 100  
120 21.1 11.9 35.5

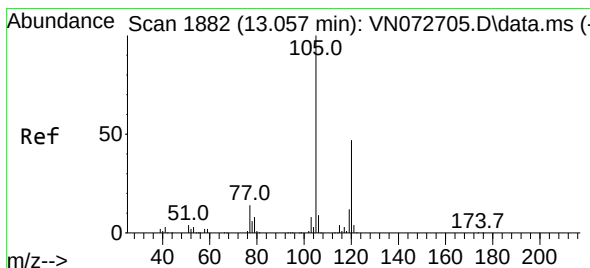
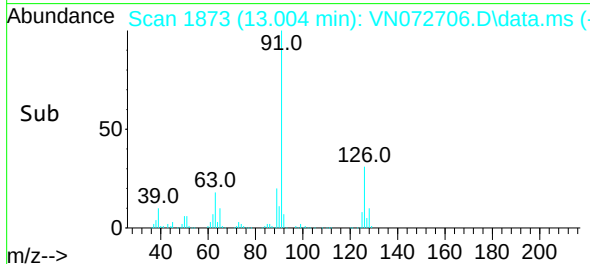
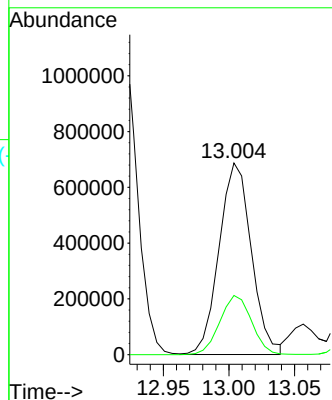
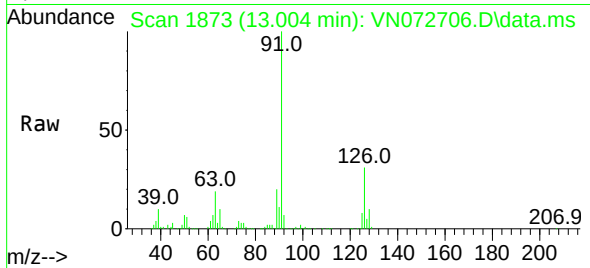




#79  
2-Chlorotoluene  
Concen: 111.762 ug/l  
RT: 13.004 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

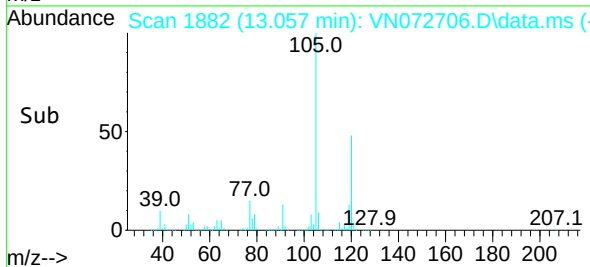
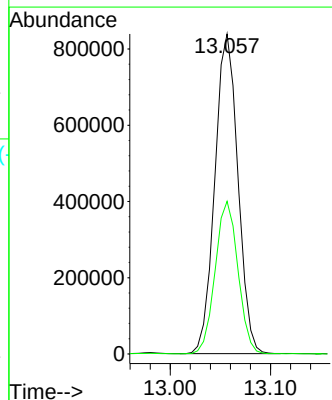
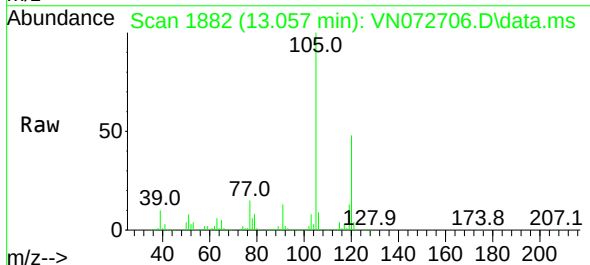
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

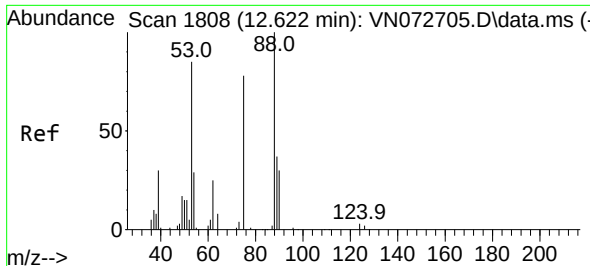
Tgt Ion: 91 Resp: 1176823  
Ion Ratio Lower Upper  
91 100  
126 30.4 17.3 51.9



#80  
1,3,5-Trimethylbenzene  
Concen: 112.276 ug/l  
RT: 13.057 min Scan# 1882  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

Tgt Ion:105 Resp: 1338773  
Ion Ratio Lower Upper  
105 100  
120 47.0 24.9 74.7

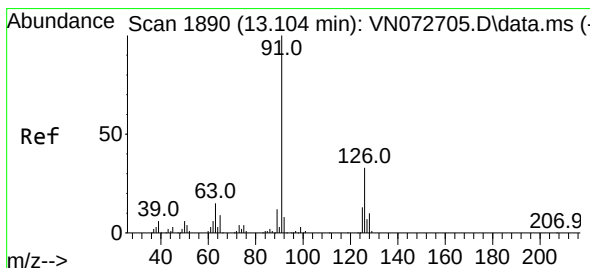
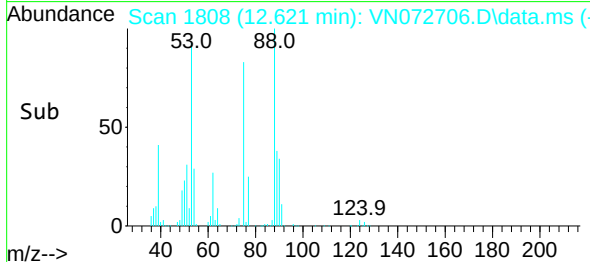
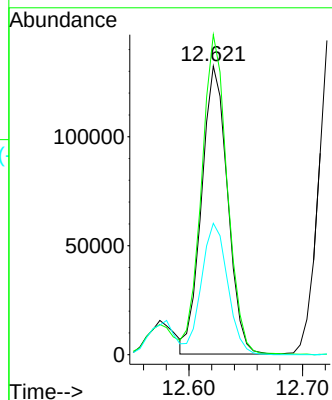
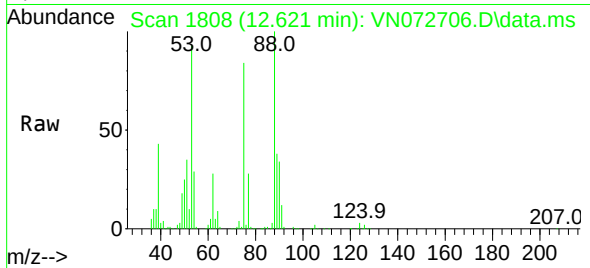




#81  
trans-1,4-Dichloro-2-butene  
Concen: 127.958 ug/l  
RT: 12.621 min Scan# 1808  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

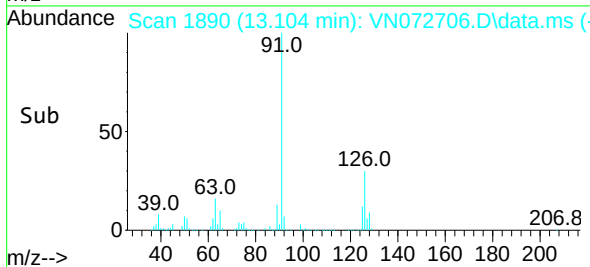
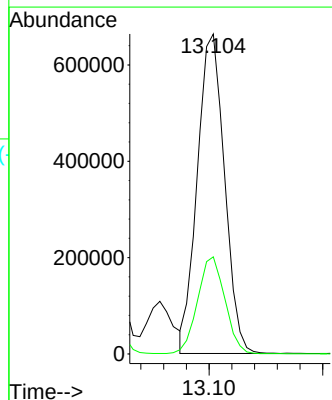
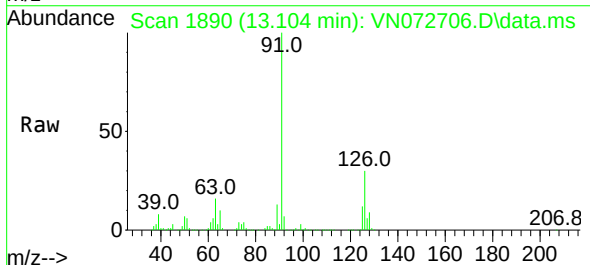
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

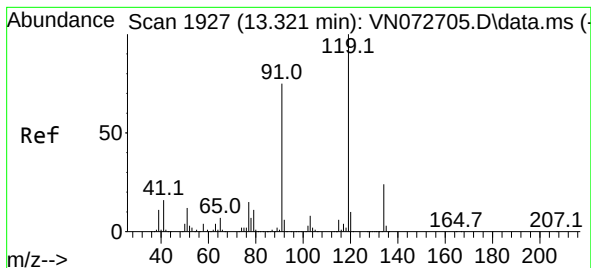
Tgt Ion: 75 Resp: 210121  
Ion Ratio Lower Upper  
75 100  
53 110.4 78.0 117.0  
89 46.4 37.2 55.8



#82  
4-Chlorotoluene  
Concen: 114.516 ug/l  
RT: 13.104 min Scan# 1890  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

Tgt Ion: 91 Resp: 1101508  
Ion Ratio Lower Upper  
91 100  
126 30.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 106.803 ug/l

RT: 13.321 min Scan# 1927

Delta R.T. -0.000 min

Lab File: VN072706.D

Acq: 08 Jun 2022 18:16

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC100

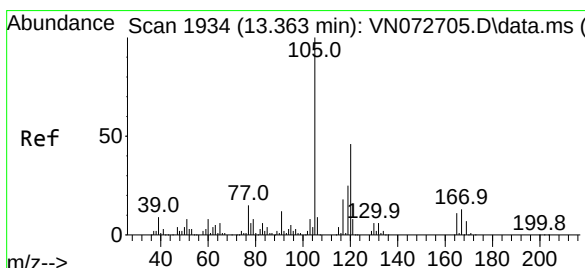
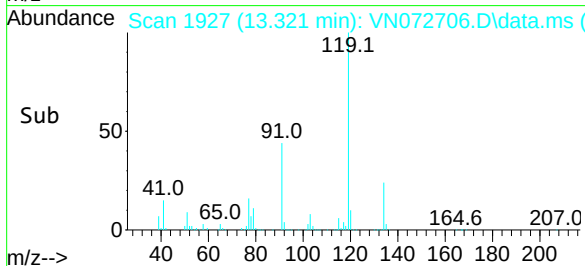
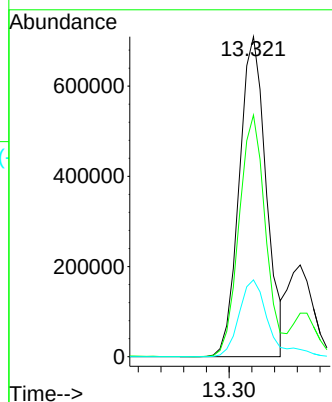
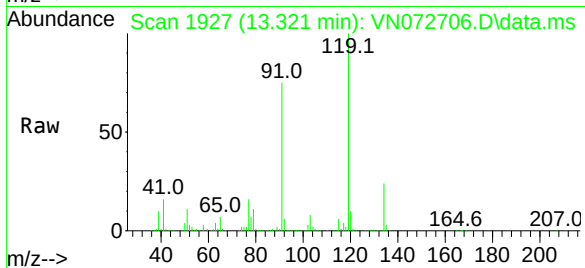
Tgt Ion:119 Resp: 1169738

Ion Ratio Lower Upper

119 100

91 74.8 31.6 94.8

134 26.1 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 112.714 ug/l

RT: 13.363 min Scan# 1934

Delta R.T. -0.000 min

Lab File: VN072706.D

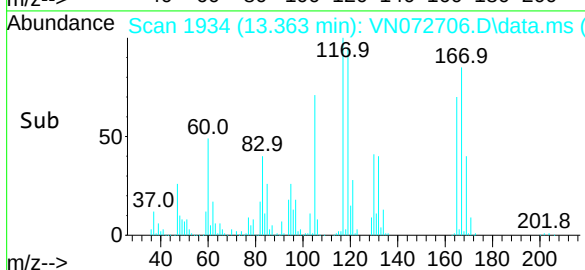
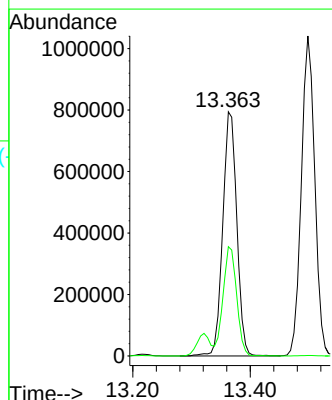
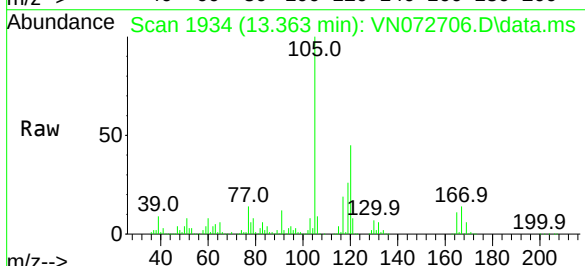
Acq: 08 Jun 2022 18:16

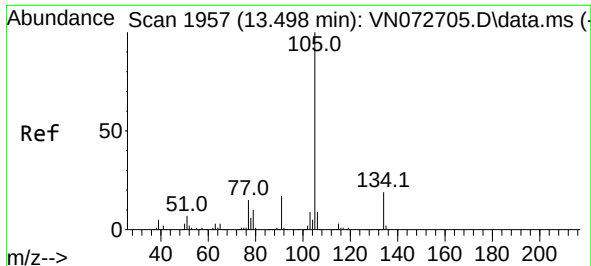
Tgt Ion:105 Resp: 1315174

Ion Ratio Lower Upper

105 100

120 43.2 23.3 69.8

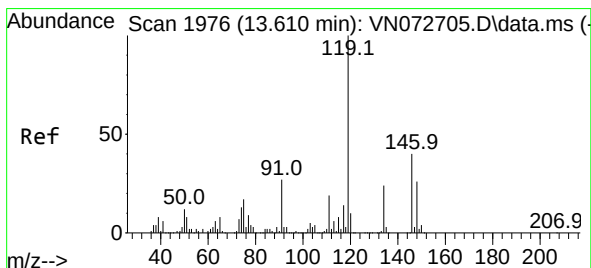
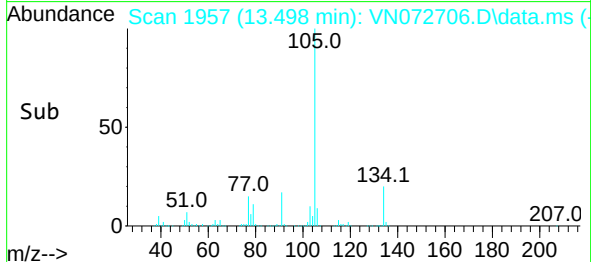
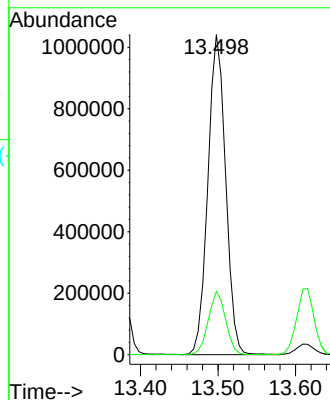
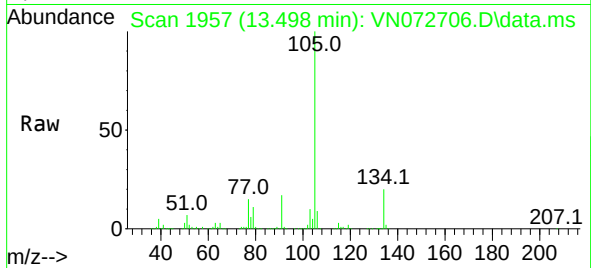




#85  
 sec-Butylbenzene  
 Concen: 112.298 ug/l  
 RT: 13.498 min Scan# 1957  
 Delta R.T. -0.000 min  
 Lab File: VN072706.D  
 Acq: 08 Jun 2022 18:16

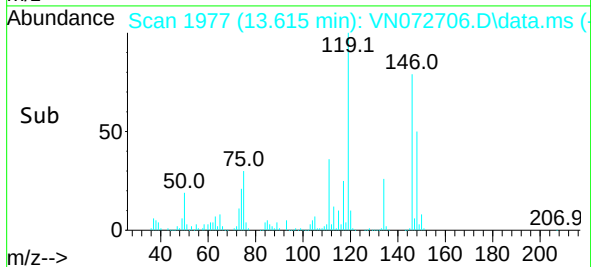
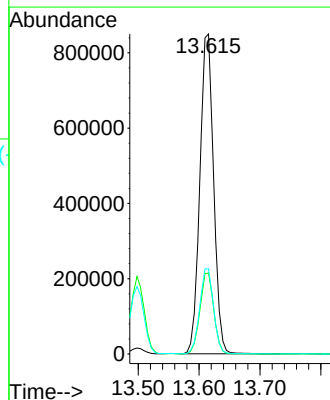
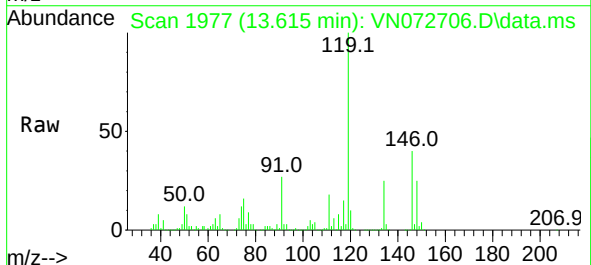
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

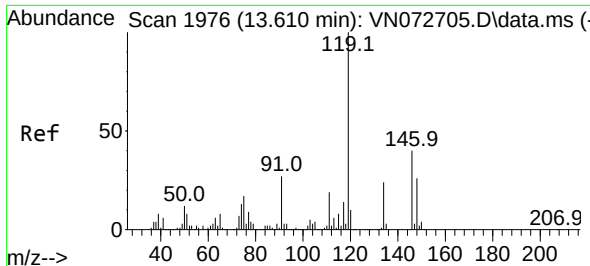
Tgt Ion:105 Resp: 1652973  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 115.091 ug/l  
 RT: 13.615 min Scan# 1977  
 Delta R.T. 0.006 min  
 Lab File: VN072706.D  
 Acq: 08 Jun 2022 18:16

Tgt Ion:119 Resp: 1331563  
 Ion Ratio Lower Upper  
 119 100  
 134 25.3 13.3 39.8  
 91 27.0 11.3 33.9

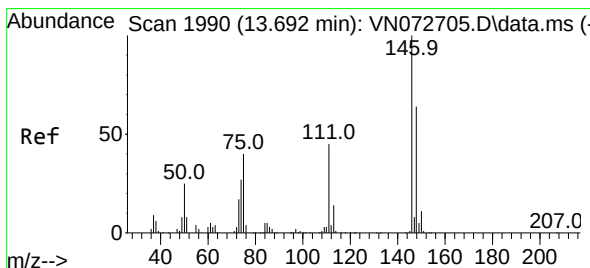
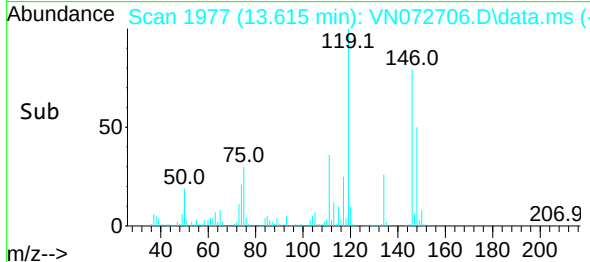
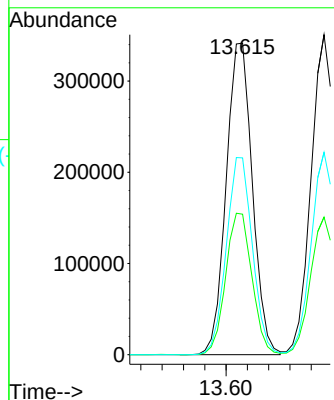
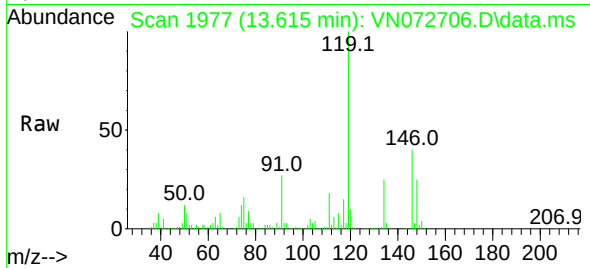




#87  
 1,3-Dichlorobenzene  
 Concen: 94.599 ug/l  
 RT: 13.615 min Scan# 1977  
 Delta R.T. 0.006 min  
 Lab File: VN072706.D  
 Acq: 08 Jun 2022 18:16

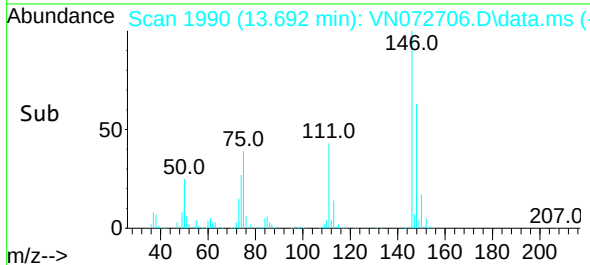
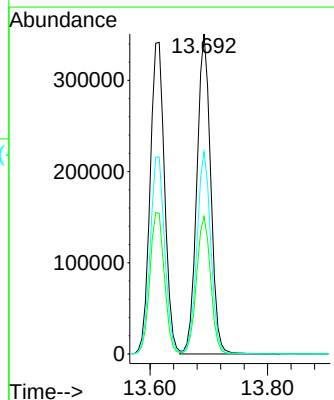
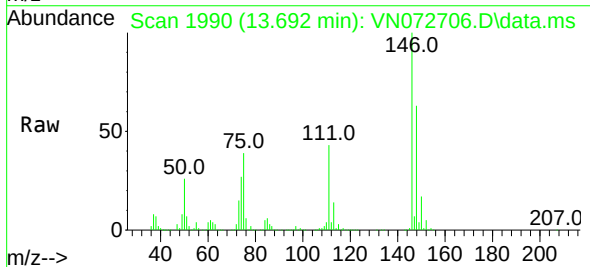
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC100

Tgt Ion:146 Resp: 583135  
 Ion Ratio Lower Upper  
 146 100  
 111 45.5 20.0 60.0  
 148 63.1 32.0 96.0

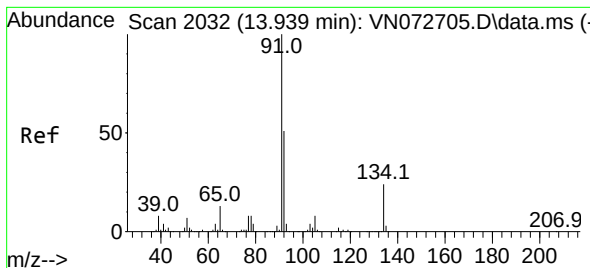


#88  
 1,4-Dichlorobenzene  
 Concen: 94.239 ug/l  
 RT: 13.692 min Scan# 1990  
 Delta R.T. -0.000 min  
 Lab File: VN072706.D  
 Acq: 08 Jun 2022 18:16

Tgt Ion:146 Resp: 572202  
 Ion Ratio Lower Upper  
 146 100  
 111 43.1 19.1 57.1  
 148 62.9 31.4 94.3







#89

n-Butylbenzene

Concen: 123.737 ug/l

RT: 13.939 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VN072706.D

Acq: 08 Jun 2022 18:16

Instrument :

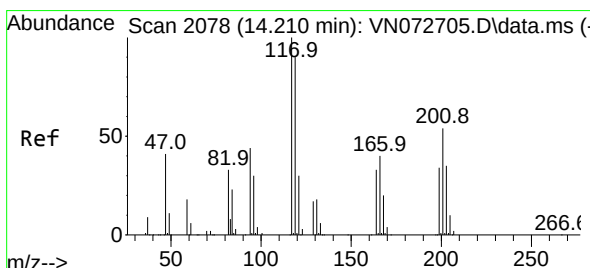
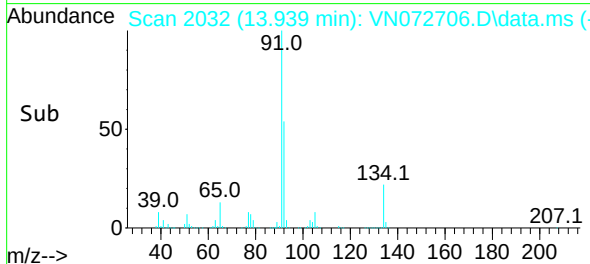
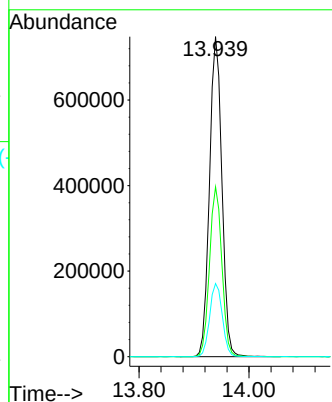
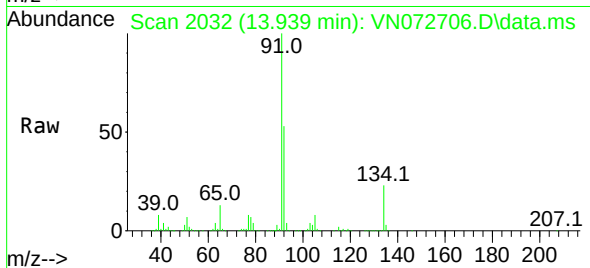
MSVOA\_N

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 1168822

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 53.0  | 26.9  | 80.7  |
| 134 | 23.4  | 13.6  | 40.8  |



#90

Hexachloroethane

Concen: 120.875 ug/l

RT: 14.210 min Scan# 2078

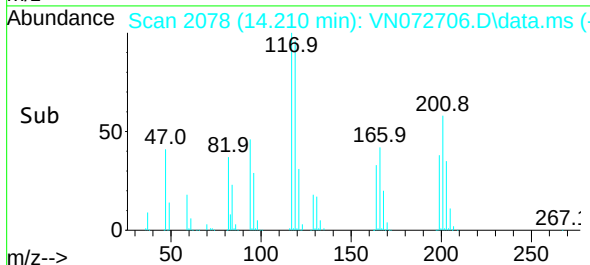
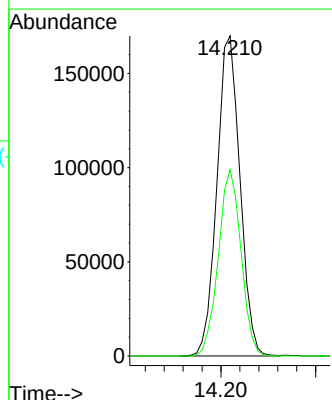
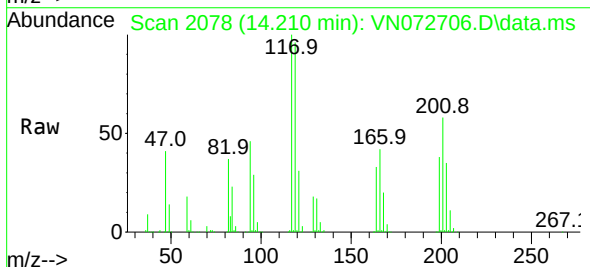
Delta R.T. -0.000 min

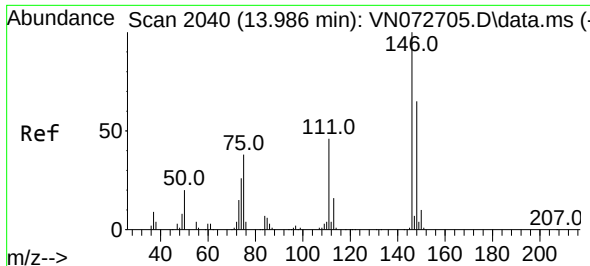
Lab File: VN072706.D

Acq: 08 Jun 2022 18:16

Tgt Ion: 117 Resp: 287149

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 57.2  | 40.6  | 122.0 |

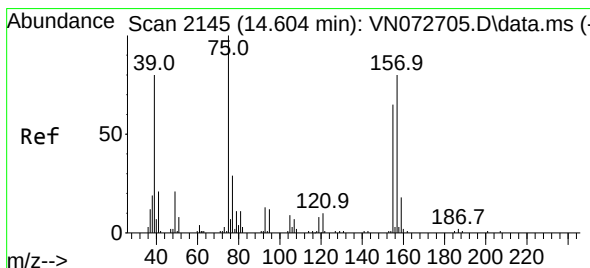
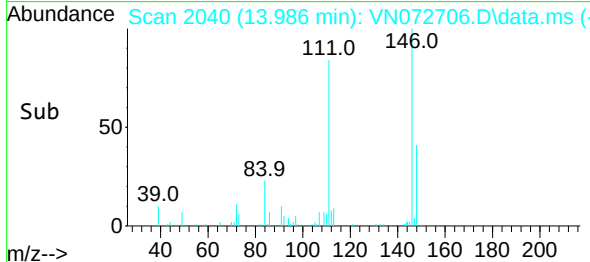
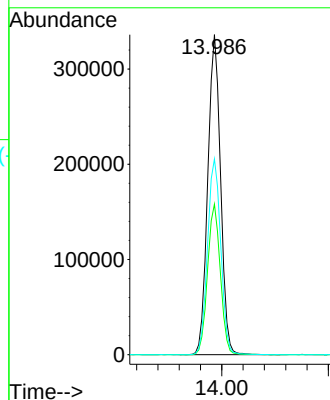
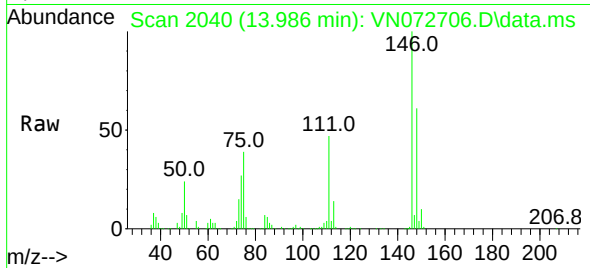




#91  
1,2-Dichlorobenzene  
Concen: 94.160 ug/l  
RT: 13.986 min Scan# 2040  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

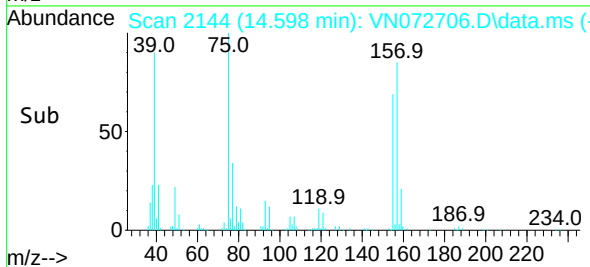
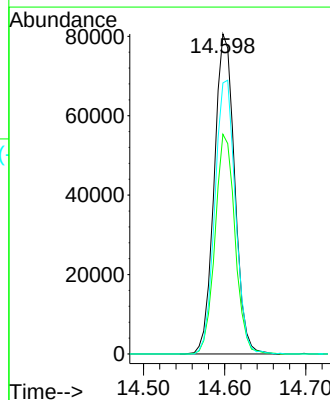
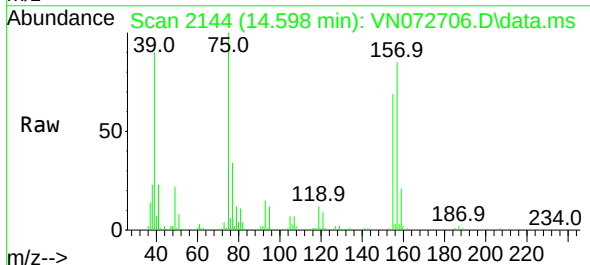
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC100

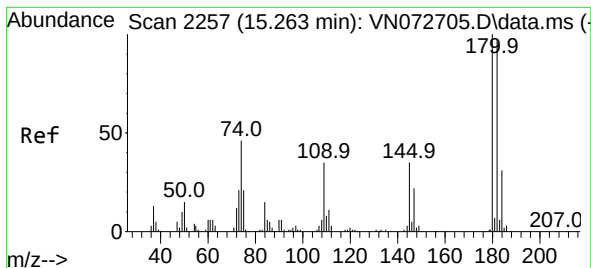
Tgt Ion:146 Resp: 559496  
Ion Ratio Lower Upper  
146 100  
111 47.0 20.9 62.8  
148 63.3 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 143.347 ug/l  
RT: 14.598 min Scan# 2144  
Delta R.T. -0.006 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

Tgt Ion: 75 Resp: 140988  
Ion Ratio Lower Upper  
75 100  
155 67.1 44.9 134.5  
157 85.7 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 94.233 ug/l

RT: 15.262 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN072706.D

Acq: 08 Jun 2022 18:16

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC100

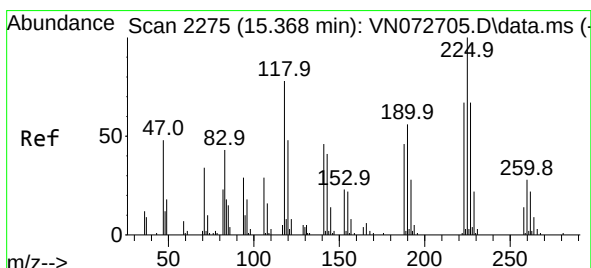
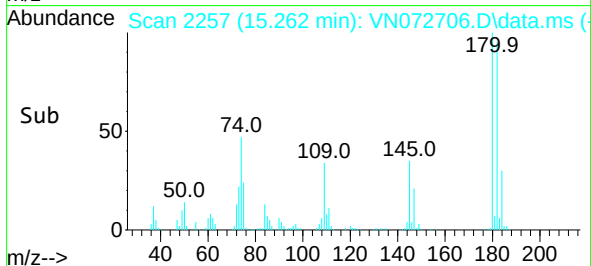
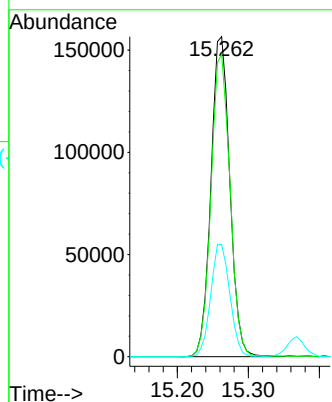
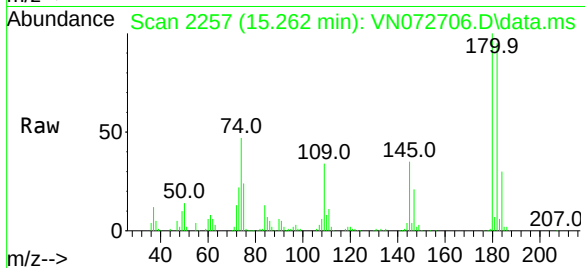
Tgt Ion:180 Resp: 288675

Ion Ratio Lower Upper

180 100

182 95.1 47.5 142.5

145 35.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 70.189 ug/l

RT: 15.368 min Scan# 2275

Delta R.T. -0.000 min

Lab File: VN072706.D

Acq: 08 Jun 2022 18:16

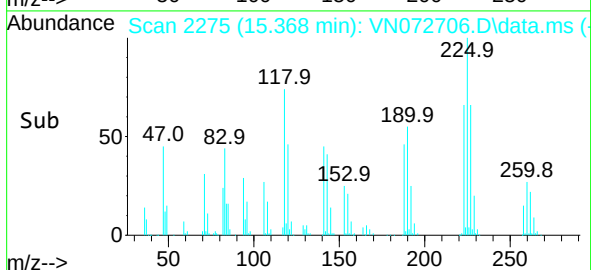
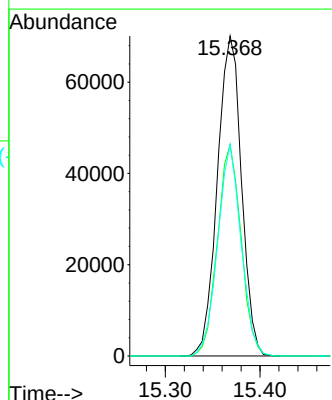
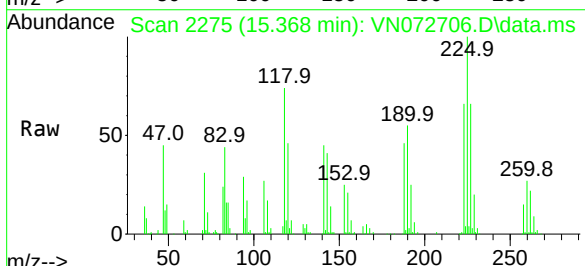
Tgt Ion:225 Resp: 123901

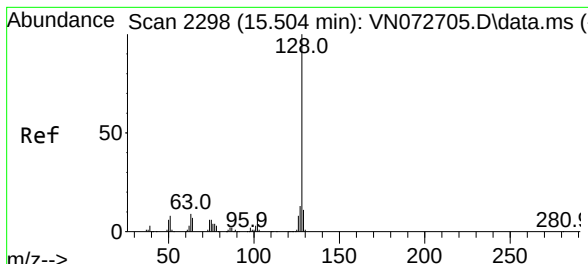
Ion Ratio Lower Upper

225 100

223 64.7 32.4 97.2

227 64.0 31.8 95.4

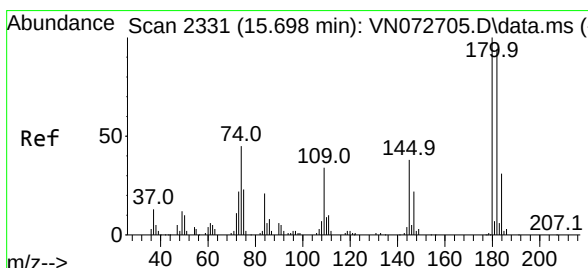
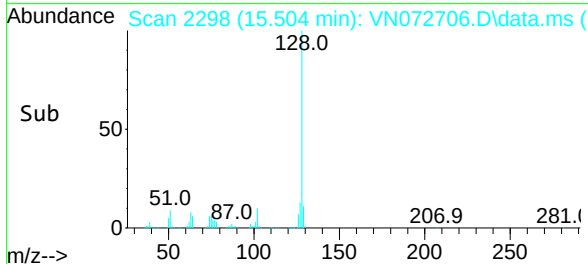
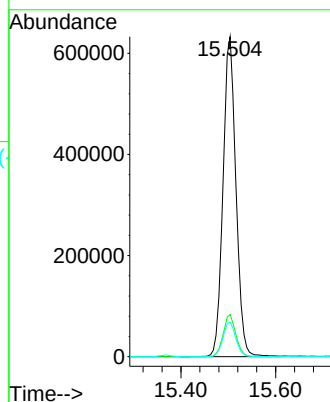
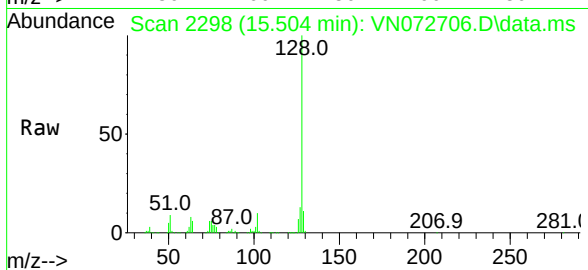




#95  
Naphthalene  
Concen: 114.861 ug/l  
RT: 15.504 min Scan# 2298  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC100

Tgt Ion:128 Resp: 1197892  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.3 15.5  
129 10.8 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 89.852 ug/l  
RT: 15.698 min Scan# 2331  
Delta R.T. -0.000 min  
Lab File: VN072706.D  
Acq: 08 Jun 2022 18:16

Tgt Ion:180 Resp: 293804  
Ion Ratio Lower Upper  
180 100  
182 95.7 47.8 143.3  
145 37.0 15.5 46.5

