

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN012622\  
 Data File : VN070797.D  
 Acq On : 26 Jan 2022 18:20  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jan 27 03:34:07 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011822W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 18 13:32:07 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.086  | 168  | 749108   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.965  | 114  | 1136838  | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.744 | 117  | 1051060  | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.672 | 152  | 467287   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.437  | 65    | 503124   | 46.864   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 93.720%  |
| 35) Dibromofluoromethane    | 8.021  | 113   | 373408   | 52.952   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 105.900% |
| 50) Toluene-d8              | 10.441 | 98    | 1436068  | 48.340   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 96.680%  |
| 62) 4-Bromofluorobenzene    | 12.728 | 95    | 513132   | 48.472   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 96.940%  |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.073 | 85  | 388027  | 44.826  | ug/l   | 100 |
| 3) Chloromethane             | 2.303 | 50  | 573497  | 45.325  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.448 | 62  | 528489  | 43.915  | ug/l   | 99  |
| 5) Bromomethane              | 2.848 | 94  | 297319  | 47.435  | ug/l   | 98  |
| 6) Chloroethane              | 3.017 | 64  | 329023  | 43.811  | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 3.376 | 101 | 650899  | 47.346  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.824 | 74  | 287730  | 47.912  | ug/l   | 83  |
| 9) 1,1,2-Trichlorotrifluo... | 4.210 | 101 | 383622  | 46.169  | ug/l   | 95  |
| 10) Methyl Iodide            | 4.419 | 142 | 541661  | 50.553  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 5.377 | 59  | 488835  | 252.381 | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 4.181 | 96  | 376595  | 45.443  | ug/l   | 91  |
| 13) Acrolein                 | 4.039 | 56  | 678304  | 244.181 | ug/l   | 99  |
| 14) Allyl chloride           | 4.841 | 41  | 872142  | 48.300  | ug/l # | 84  |
| 15) Acrylonitrile            | 5.554 | 53  | 1521299 | 246.897 | ug/l   | 99  |
| 16) Acetone                  | 4.285 | 43  | 1490515 | 200.029 | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.529 | 76  | 1016382 | 45.158  | ug/l   | 98  |
| 18) Methyl Acetate           | 4.857 | 43  | 715500  | 48.825  | ug/l   | 92  |
| 19) Methyl tert-butyl Ether  | 5.616 | 73  | 1445293 | 48.819  | ug/l   | 95  |
| 20) Methylene Chloride       | 5.095 | 84  | 463348  | 47.206  | ug/l   | 88  |
| 21) trans-1,2-Dichloroethene | 5.594 | 96  | 395103  | 47.371  | ug/l   | 88  |
| 22) Diisopropyl ether        | 6.495 | 45  | 1667881 | 46.602  | ug/l   | 93  |
| 23) Vinyl Acetate            | 6.434 | 43  | 7362019 | 242.662 | ug/l   | 95  |
| 24) 1,1-Dichloroethane       | 6.385 | 63  | 841777  | 47.020  | ug/l   | 98  |
| 25) 2-Butanone               | 7.335 | 43  | 2097988 | 223.749 | ug/l   | 92  |
| 26) 2,2-Dichloropropane      | 7.327 | 77  | 636640  | 46.382  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 7.327 | 96  | 458235  | 46.249  | ug/l   | 86  |
| 28) Bromochloromethane       | 7.657 | 49  | 375889  | 46.765  | ug/l # | 76  |
| 29) Tetrahydrofuran          | 7.683 | 42  | 1361548 | 237.150 | ug/l   | 88  |
| 30) Chloroform               | 7.818 | 83  | 779193  | 44.515  | ug/l   | 99  |
| 31) Cyclohexane              | 8.094 | 56  | 774223  | 40.954  | ug/l   | 88  |
| 32) 1,1,1-Trichloroethane    | 8.013 | 97  | 647154  | 46.572  | ug/l   | 96  |
| 36) 1,1-Dichloropropene      | 8.220 | 75  | 569035  | 47.932  | ug/l   | 96  |
| 37) Ethyl Acetate            | 7.413 | 43  | 798720  | 50.677  | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 8.206 | 117 | 536394  | 50.789  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.459 | 83  | 652747  | 44.538  | ug/l   | 88  |
| 40) Benzene                  | 8.459 | 78  | 1722705 | 46.832  | ug/l   | 100 |

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 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jan 27 03:34:07 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011822W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 18 13:32:07 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.635  | 41   | 410335   | 51.174   | ug/l # | 87       |
| 42) 1,2-Dichloroethane        | 8.528  | 62   | 604179   | 47.369   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.560  | 43   | 1164393  | 48.369   | ug/l # | 96       |
| 44) Trichloroethene           | 9.215  | 130  | 375600   | 45.041   | ug/l   | 90       |
| 45) 1,2-Dichloropropane       | 9.488  | 63   | 458549   | 45.817   | ug/l   | 99       |
| 46) Dibromomethane            | 9.577  | 93   | 277021   | 47.603   | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.759  | 83   | 567198   | 47.681   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.558  | 41   | 521606   | 45.482   | ug/l # | 84       |
| 49) 1,4-Dioxane               | 9.566  | 88   | 173263   | 1005.776 | ug/l # | 85       |
| 51) 4-Methyl-2-Pentanone      | 10.331 | 43   | 3656699  | 238.050  | ug/l   | 98       |
| 52) Toluene                   | 10.505 | 92   | 1003722  | 45.616   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.717 | 75   | 623730   | 43.563   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.188 | 75   | 691048   | 48.440   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.896 | 97   | 405694   | 46.933   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.760 | 69   | 715533   | 43.822   | ug/l   | 90       |
| 57) 1,3-Dichloropropane       | 11.041 | 76   | 730285   | 47.724   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.041 | 63   | 891955   | 216.943  | ug/l   | 91       |
| 59) 2-Hexanone                | 11.084 | 43   | 2705525  | 242.450  | ug/l   | 96       |
| 60) Dibromochloromethane      | 11.237 | 129  | 403613   | 50.058   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.344 | 107  | 407227   | 46.922   | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.977 | 164  | 327804   | 42.536   | ug/l   | 96       |
| 65) Chlorobenzene             | 11.768 | 112  | 1041340  | 45.728   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.840 | 131  | 376735   | 48.042   | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.843 | 91   | 1960965  | 46.446   | ug/l   | 95       |
| 68) m/p-Xylenes               | 11.950 | 106  | 1427020  | 92.909   | ug/l   | 91       |
| 69) o-Xylene                  | 12.278 | 106  | 723036   | 47.436   | ug/l   | 90       |
| 70) Styrene                   | 12.291 | 104  | 1186699  | 48.666   | ug/l   | 95       |
| 71) Bromoform                 | 12.455 | 173  | 307412   | 51.897   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.575 | 105  | 1872427  | 42.355   | ug/l   | 98       |
| 74) N-amyl acetate            | 12.385 | 43   | 811832   | 44.915   | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.825 | 83   | 634487   | 42.498   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.878 | 75   | 795694   | 64.202   | ug/l # | 1        |
| 77) Bromobenzene              | 12.860 | 156  | 425199   | 42.899   | ug/l   | 74       |
| 78) n-propylbenzene           | 12.919 | 91   | 2196000  | 44.418   | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 13.004 | 91   | 1341249  | 42.886   | ug/l   | 92       |
| 80) 1,3,5-Trimethylbenzene    | 13.058 | 105  | 1615412  | 45.187   | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.624 | 75   | 195918   | 47.094   | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 13.104 | 91   | 1317506  | 45.089   | ug/l   | 92       |
| 83) tert-Butylbenzene         | 13.321 | 119  | 1365927  | 43.893   | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 13.367 | 105  | 1554975  | 45.251   | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.498 | 105  | 1907524  | 45.088   | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.613 | 119  | 1521334  | 45.776   | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.613 | 146  | 727247   | 44.108   | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 13.691 | 146  | 725266   | 44.200   | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.940 | 91   | 1244375  | 45.386   | ug/l   | 97       |
| 90) Hexachloroethane          | 14.209 | 117  | 270942   | 46.638   | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene       | 13.986 | 146  | 705029   | 43.279   | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.600 | 75   | 114554   | 45.233   | ug/l   | 80       |
| 93) 1,2,4-Trichlorobenzene    | 15.260 | 180  | 338214   | 39.918   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.367 | 225  | 221091   | 45.825   | ug/l   | 100      |
| 95) Naphthalene               | 15.504 | 128  | 889138   | 38.011   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.697 | 180  | 329569   | 40.583   | ug/l   | 99       |

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ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Jan 27 03:34:07 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011822W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 18 13:32:07 2022  
Response via : Initial Calibration

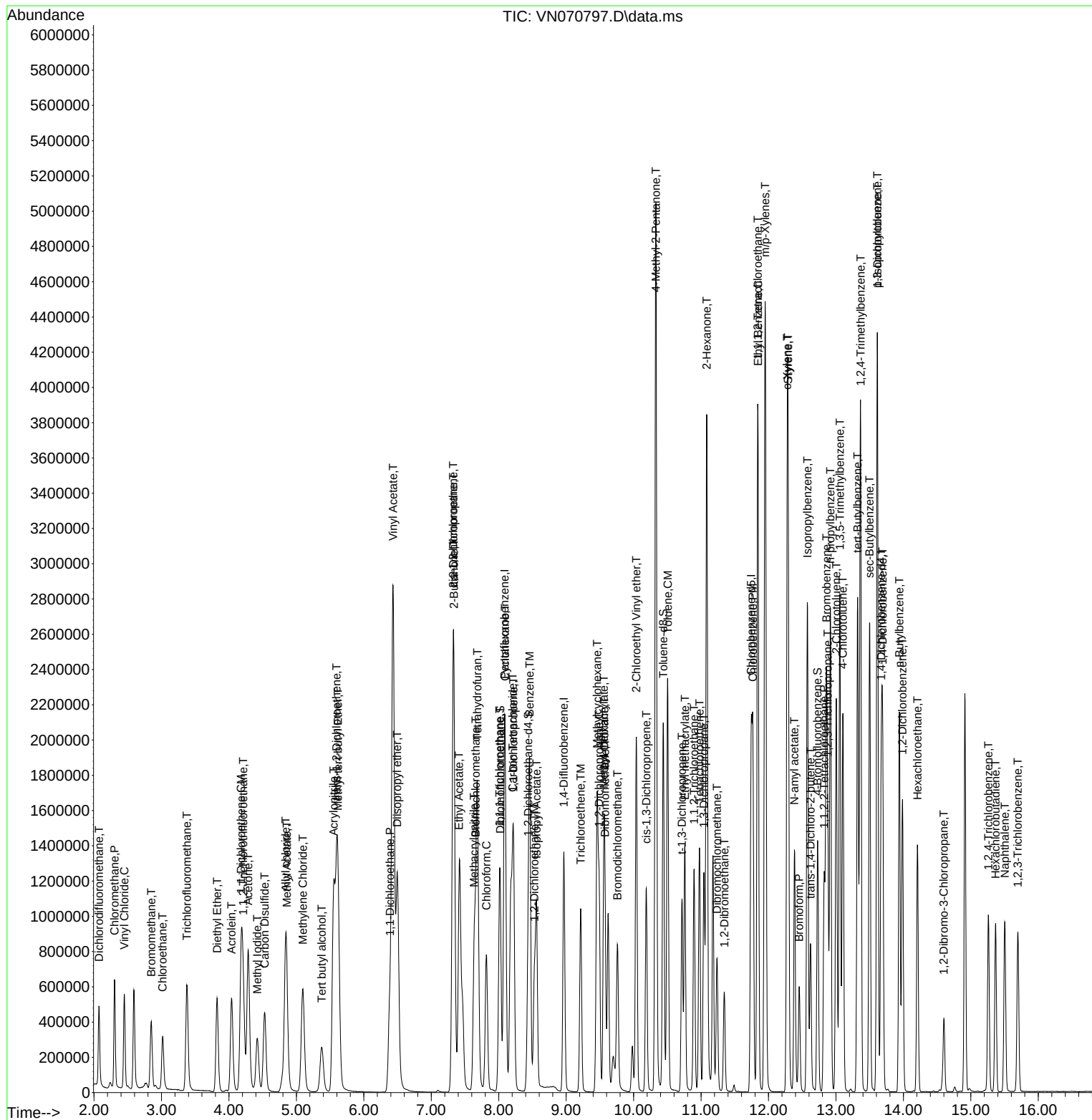
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

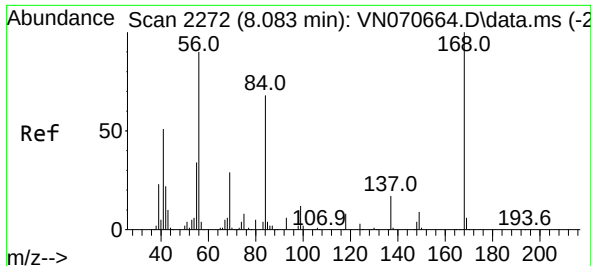
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 QLast Update : Tue Jan 18 13:32:07 2022  
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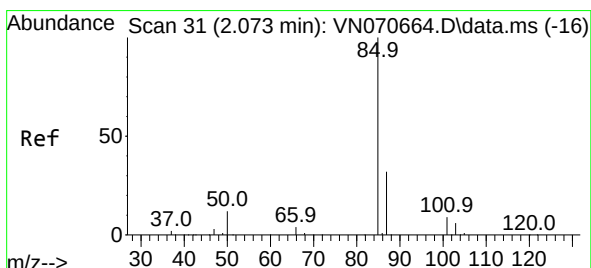
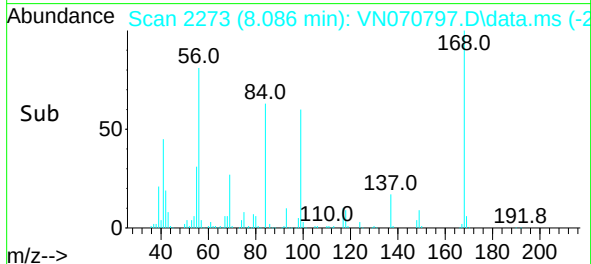
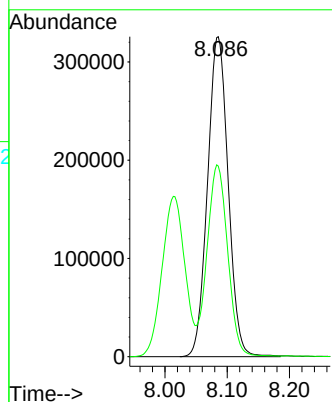
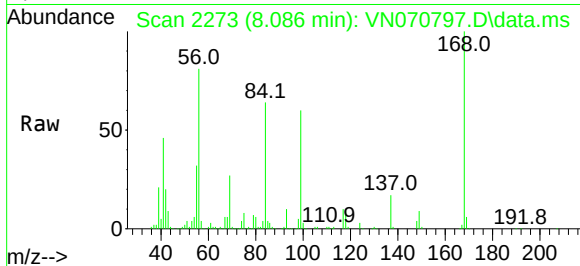




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

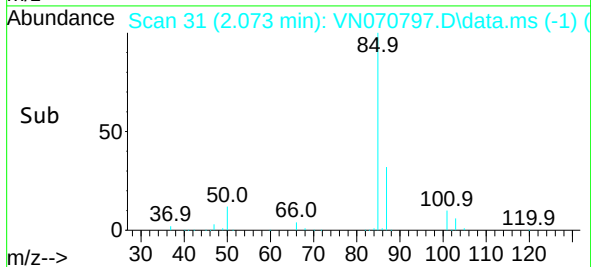
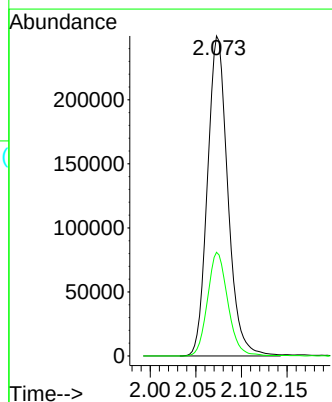
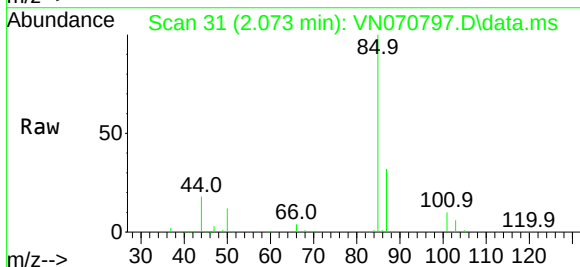
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

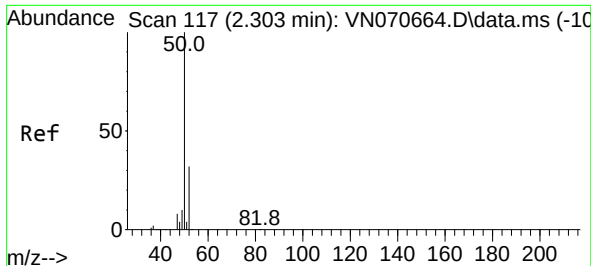
Tgt Ion:168 Resp: 749108  
Ion Ratio Lower Upper  
168 100  
99 59.3 41.3 61.9



#2  
Dichlorodifluoromethane  
Concen: 44.826 ug/l  
RT: 2.073 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

Tgt Ion: 85 Resp: 388027  
Ion Ratio Lower Upper  
85 100  
87 32.4 16.3 48.9

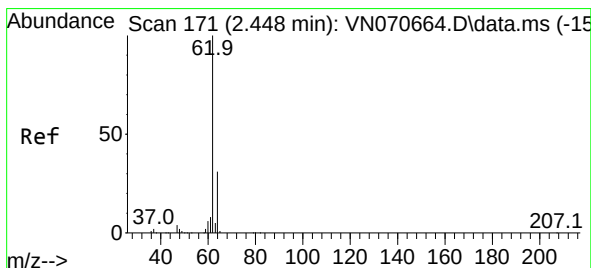
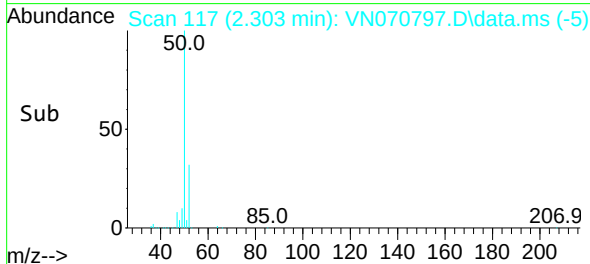
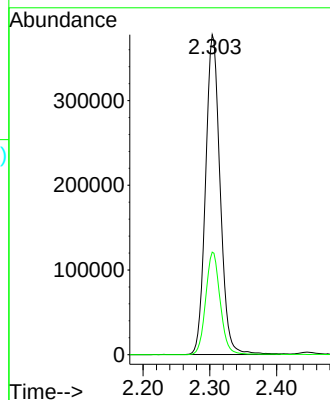
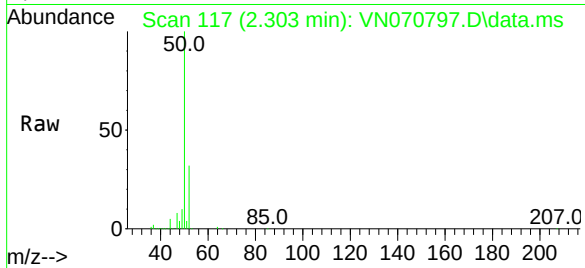




#3  
Chloromethane  
Concen: 45.325 ug/l  
RT: 2.303 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

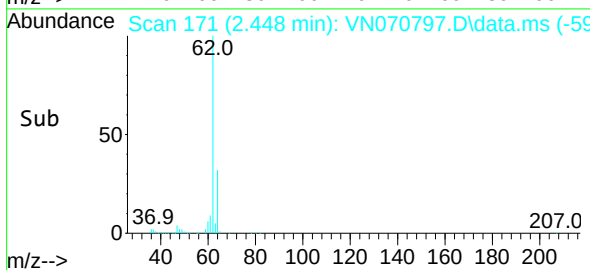
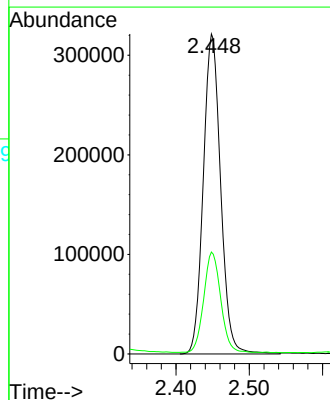
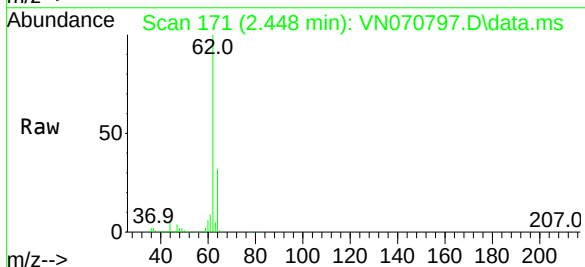
Instrument :  
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ClientSampleId :  
VSTDCCC050EC

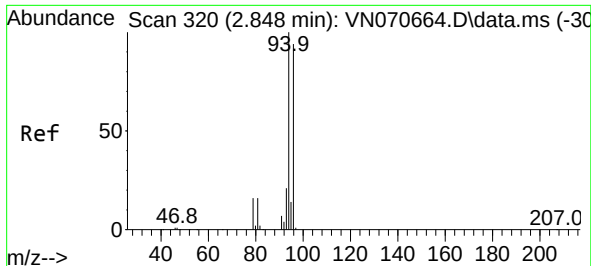
Tgt Ion: 50 Resp: 573497  
Ion Ratio Lower Upper  
50 100  
52 32.1 25.4 38.0



#4  
Vinyl Chloride  
Concen: 43.915 ug/l  
RT: 2.448 min Scan# 171  
Delta R.T. 0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

Tgt Ion: 62 Resp: 528489  
Ion Ratio Lower Upper  
62 100  
64 31.4 25.8 38.6

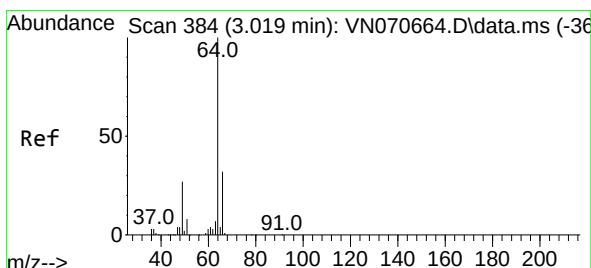
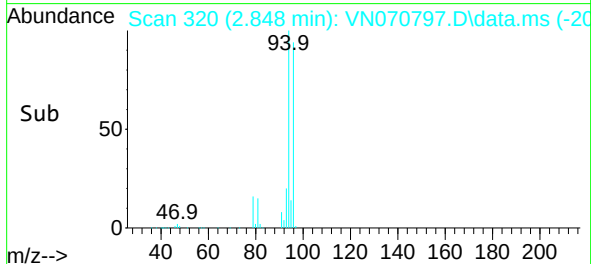
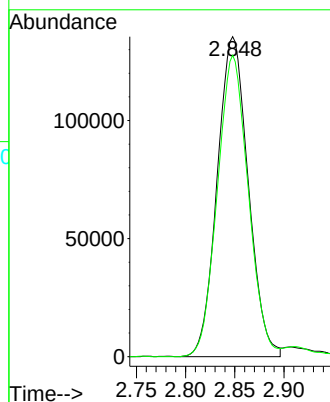
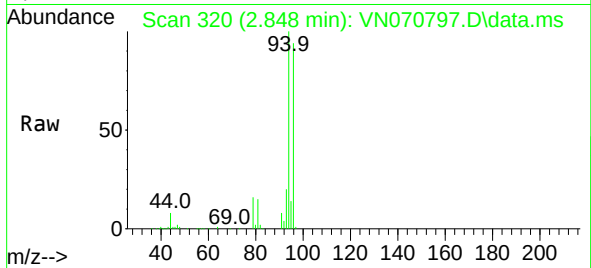




#5  
Bromomethane  
Concen: 47.435 ug/l  
RT: 2.848 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

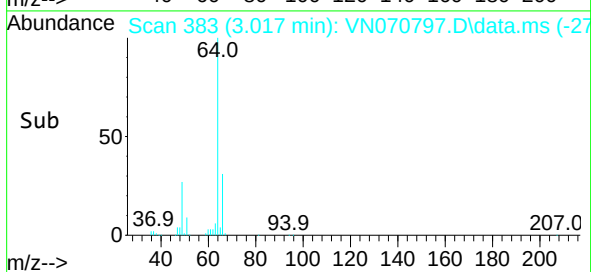
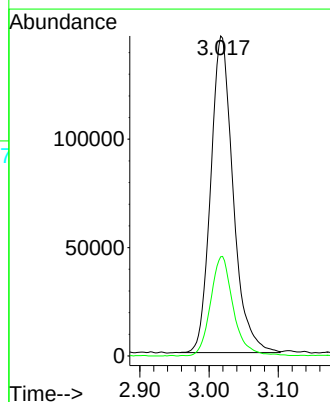
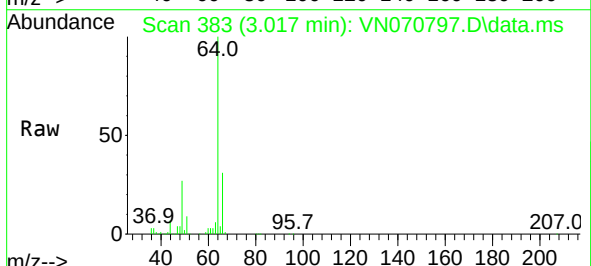
Instrument :  
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ClientSampleId :  
VSTDCCC050EC

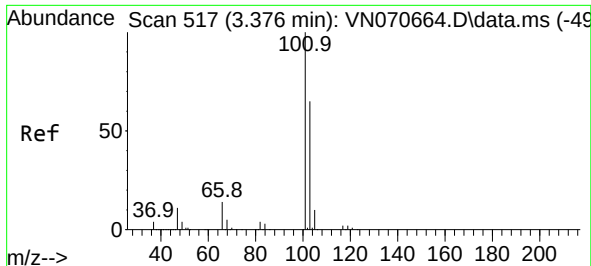
Tgt Ion: 94 Resp: 297319  
Ion Ratio Lower Upper  
94 100  
96 94.2 73.8 110.8



#6  
Chloroethane  
Concen: 43.811 ug/l  
RT: 3.017 min Scan# 383  
Delta R.T. -0.002 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

Tgt Ion: 64 Resp: 329023  
Ion Ratio Lower Upper  
64 100  
66 31.2 26.3 39.5

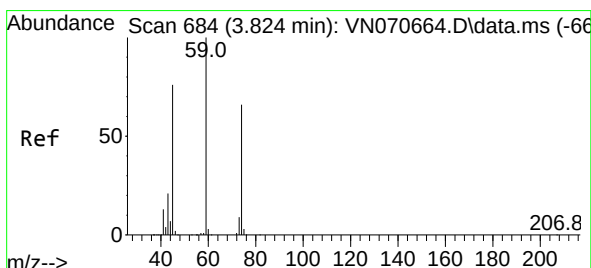
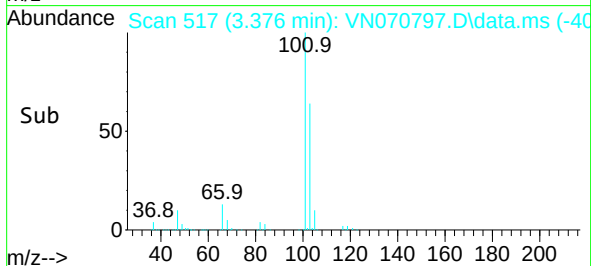
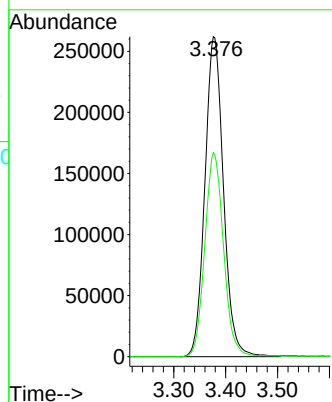
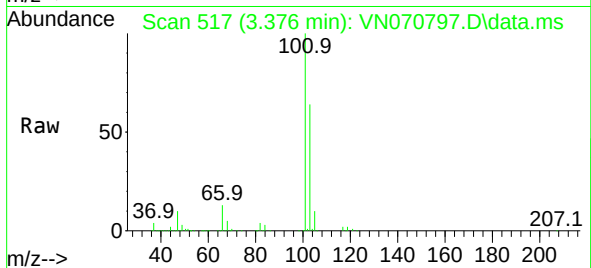




#7  
Trichlorofluoromethane  
Concen: 47.346 ug/l  
RT: 3.376 min Scan# 517  
Delta R.T. 0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

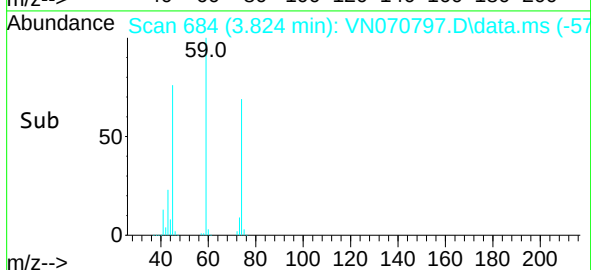
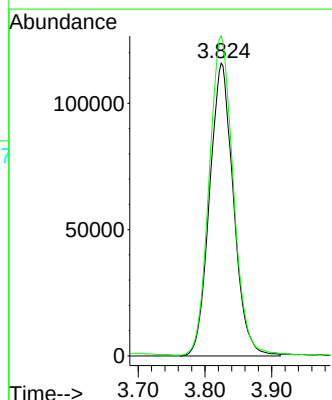
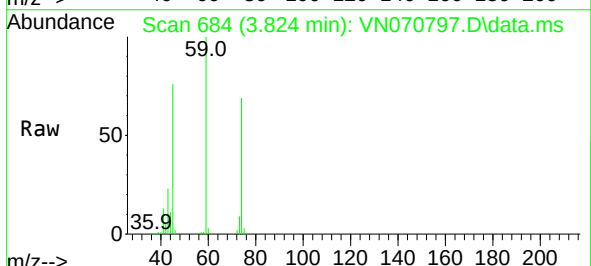
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:101 Resp: 650899  
Ion Ratio Lower Upper  
101 100  
103 63.8 50.1 75.1

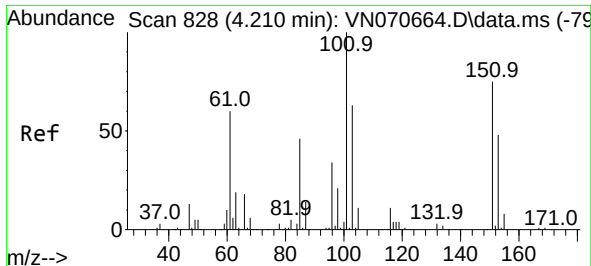


#8  
Diethyl Ether  
Concen: 47.912 ug/l  
RT: 3.824 min Scan# 684  
Delta R.T. 0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

Tgt Ion: 74 Resp: 287730  
Ion Ratio Lower Upper  
74 100  
45 110.4 47.0 141.2



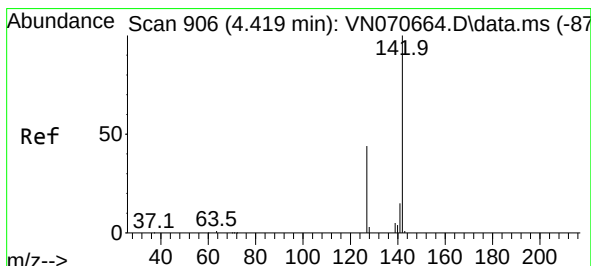
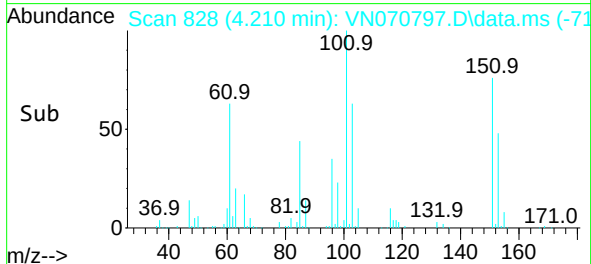
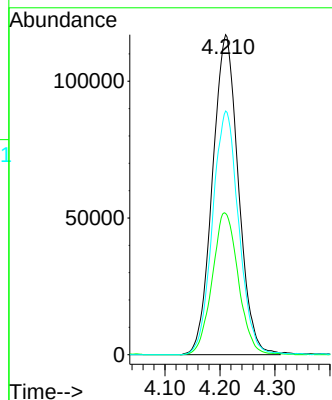
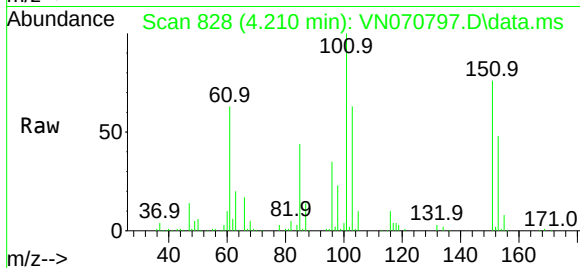




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 46.169 ug/l  
 RT: 4.210 min Scan# 81  
 Delta R.T. 0.000 min  
 Lab File: VN070797.D  
 Acq: 26 Jan 2022 18:20

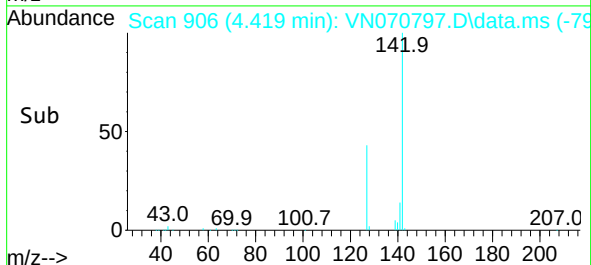
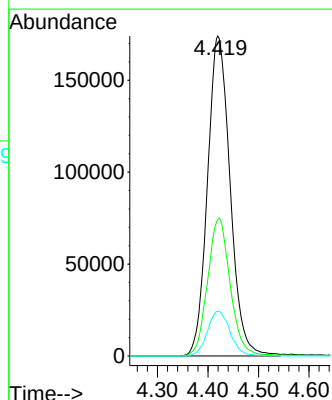
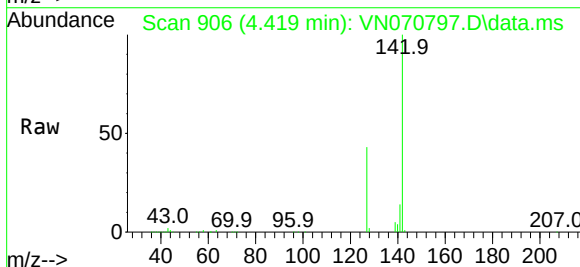
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

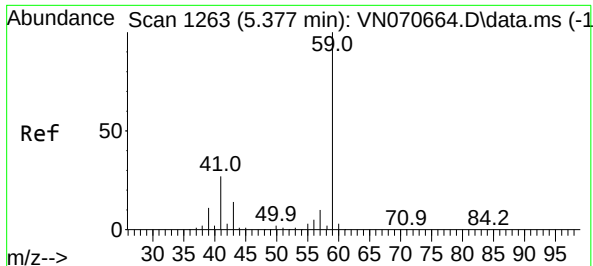
Tgt Ion:101 Resp: 383622  
 Ion Ratio Lower Upper  
 101 100  
 85 44.7 37.2 55.8  
 151 76.8 65.9 98.9



#10  
 Methyl Iodide  
 Concen: 50.553 ug/l  
 RT: 4.419 min Scan# 906  
 Delta R.T. 0.000 min  
 Lab File: VN070797.D  
 Acq: 26 Jan 2022 18:20

Tgt Ion:142 Resp: 541661  
 Ion Ratio Lower Upper  
 142 100  
 127 42.9 35.4 53.0  
 141 14.1 11.6 17.4

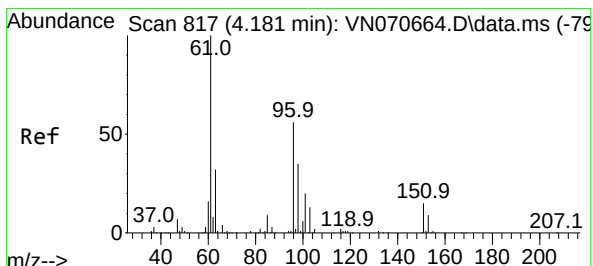
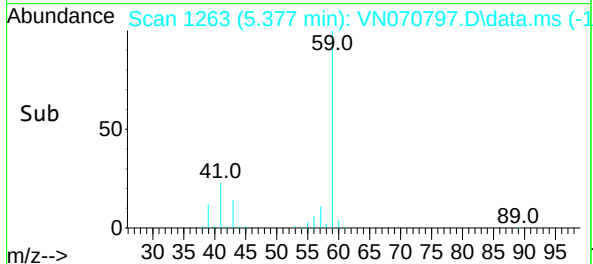
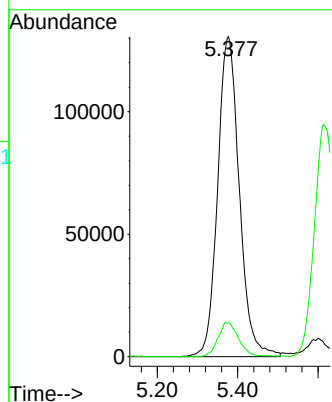
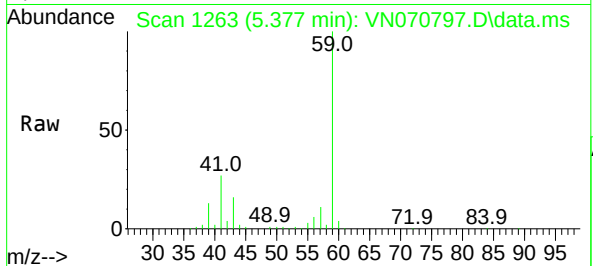




#11  
Tert butyl alcohol  
Concen: 252.381 ug/l  
RT: 5.377 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

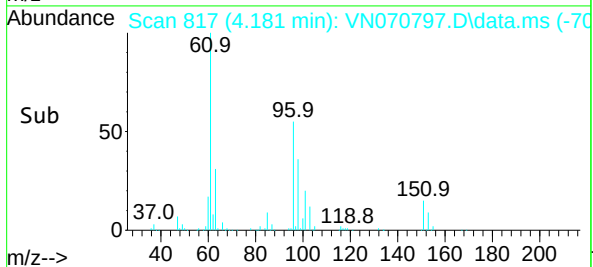
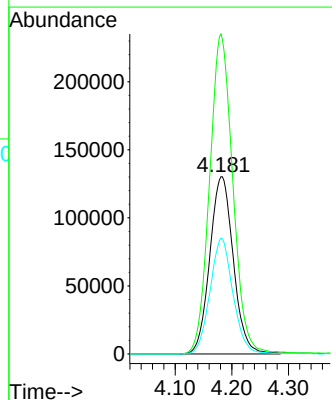
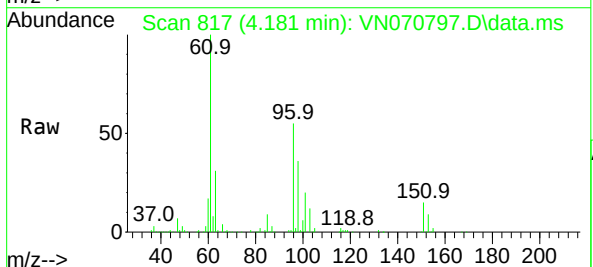
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

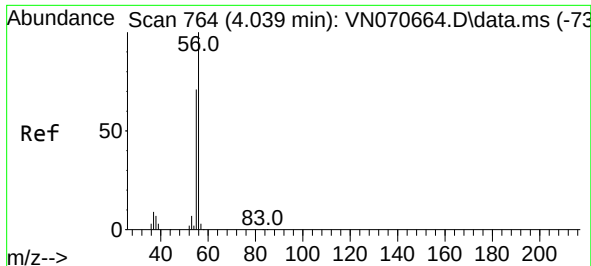
Tgt Ion: 59 Resp: 488835  
Ion Ratio Lower Upper  
59 100  
57 10.2 8.7 13.1



#12  
1,1-Dichloroethene  
Concen: 45.443 ug/l  
RT: 4.181 min Scan# 817  
Delta R.T. -0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

Tgt Ion: 96 Resp: 376595  
Ion Ratio Lower Upper  
96 100  
61 180.4 131.0 196.6  
98 65.4 52.4 78.6

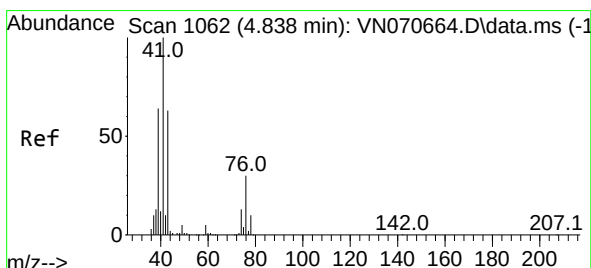
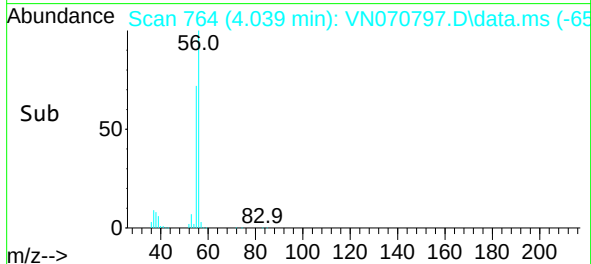
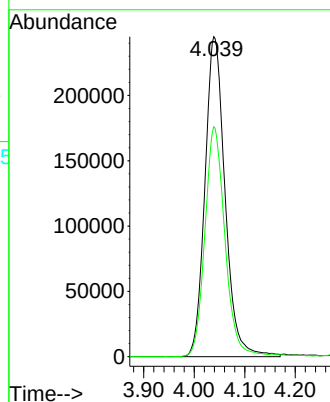
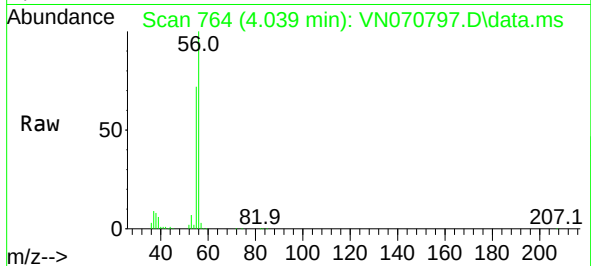




#13  
Acrolein  
Concen: 244.181 ug/l  
RT: 4.039 min Scan# 764  
Delta R.T. -0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

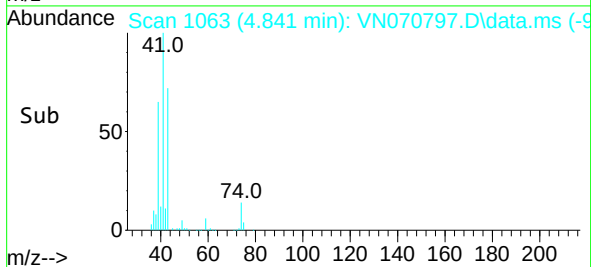
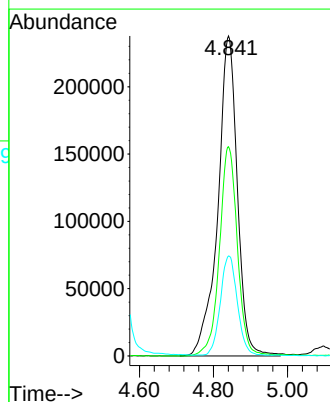
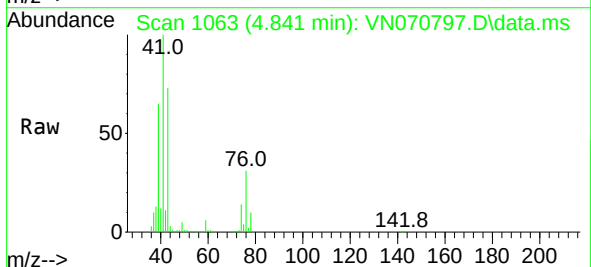
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

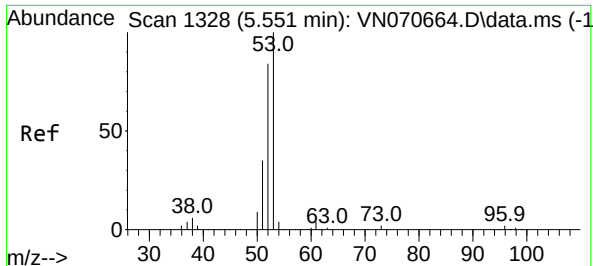
Tgt Ion: 56 Resp: 678304  
Ion Ratio Lower Upper  
56 100  
55 71.4 56.6 85.0



#14  
Allyl chloride  
Concen: 48.300 ug/l  
RT: 4.841 min Scan# 1063  
Delta R.T. 0.003 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

Tgt Ion: 41 Resp: 872142  
Ion Ratio Lower Upper  
41 100  
39 60.0 61.2 91.8#  
76 26.8 26.0 39.0



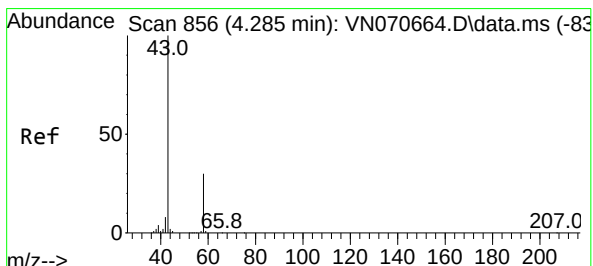
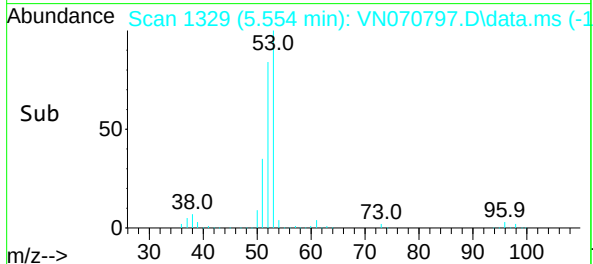
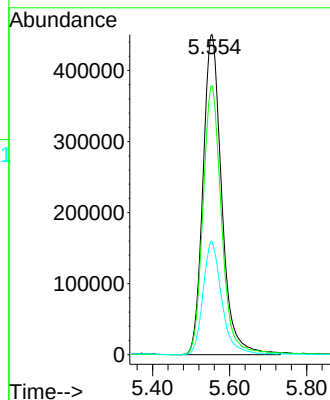
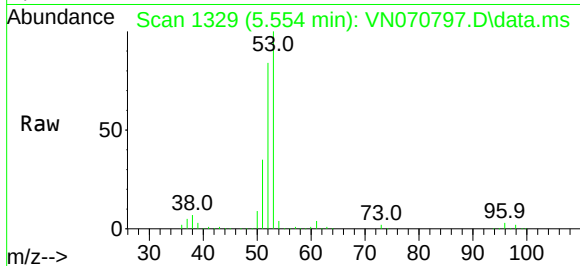


#15  
Acrylonitrile  
Concen: 246.897 ug/l  
RT: 5.554 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 53 Resp: 1521299

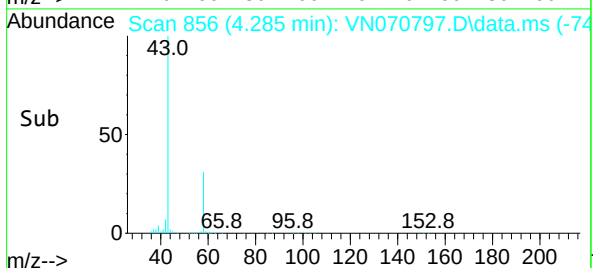
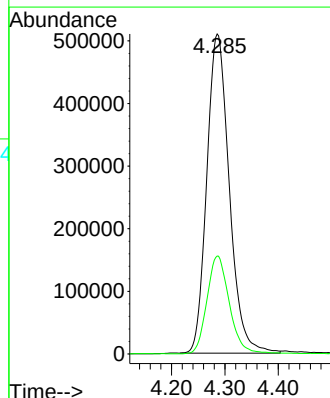
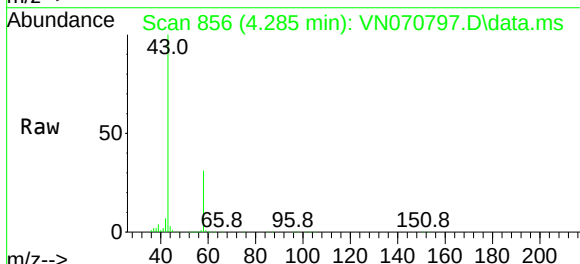
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 82.5  | 66.2  | 99.2  |
| 51  | 35.2  | 29.6  | 44.4  |

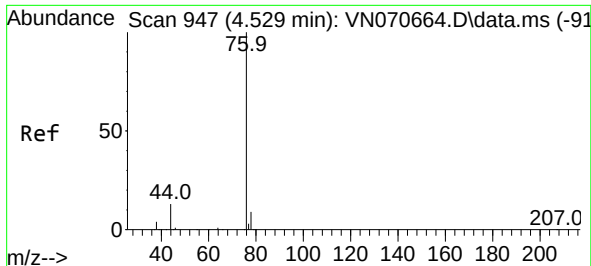


#16  
Acetone  
Concen: 200.029 ug/l  
RT: 4.285 min Scan# 856  
Delta R.T. 0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

Tgt Ion: 43 Resp: 1490515

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 30.6  | 23.1  | 34.7  |

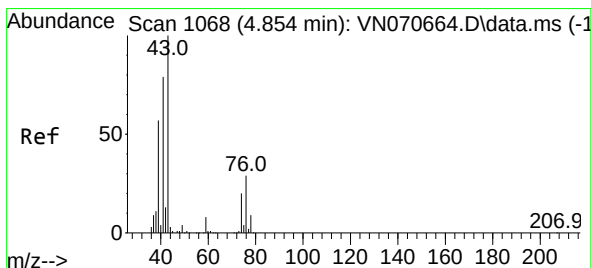
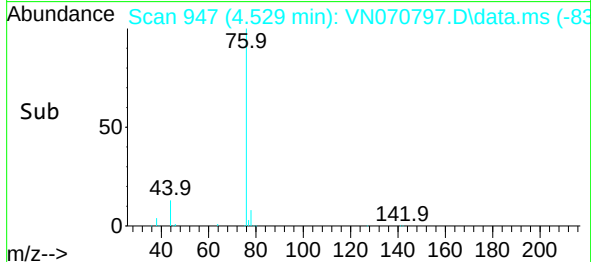
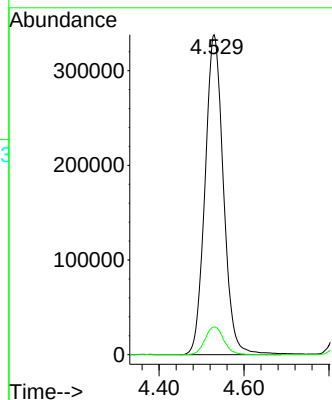
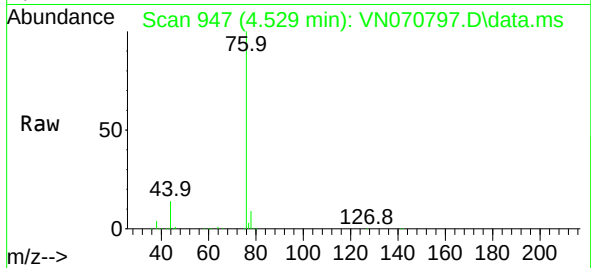




#17  
Carbon Disulfide  
Concen: 45.158 ug/l  
RT: 4.529 min Scan# 947  
Delta R.T. 0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

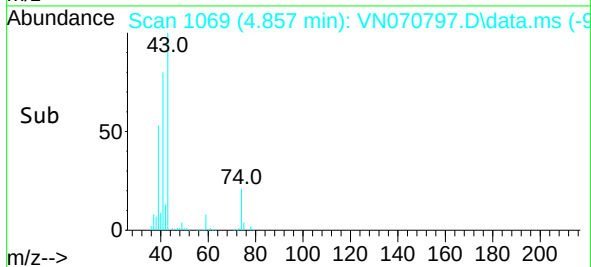
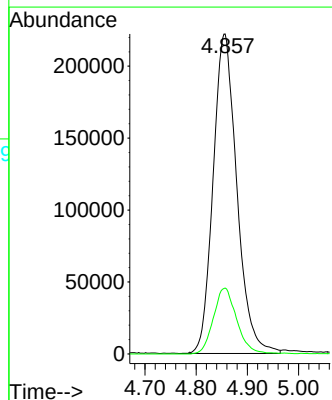
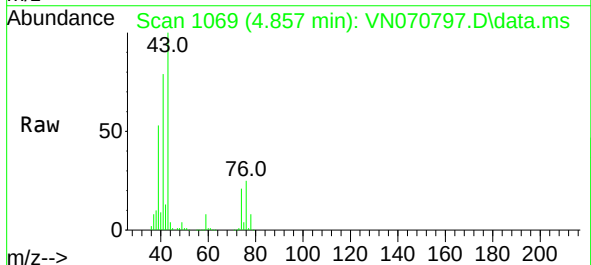
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

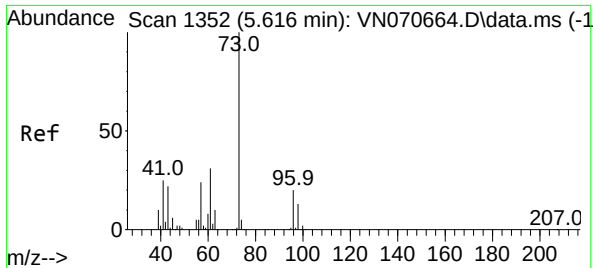
Tgt Ion: 76 Resp: 1016382  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.5 11.3



#18  
Methyl Acetate  
Concen: 48.825 ug/l  
RT: 4.857 min Scan# 1069  
Delta R.T. 0.003 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

Tgt Ion: 43 Resp: 715500  
Ion Ratio Lower Upper  
43 100  
74 20.2 19.4 29.2

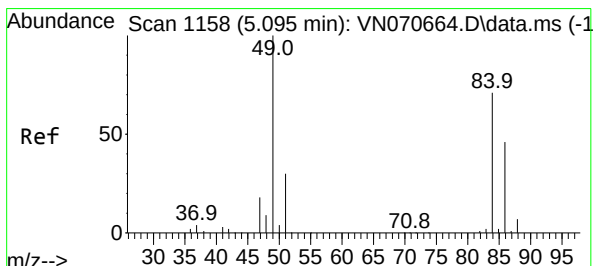
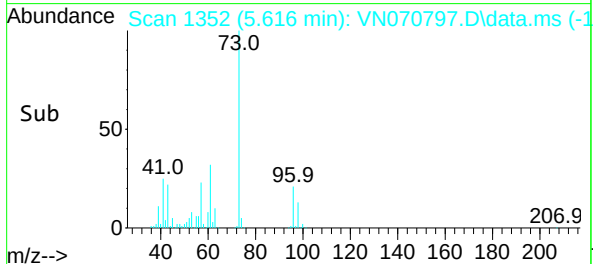
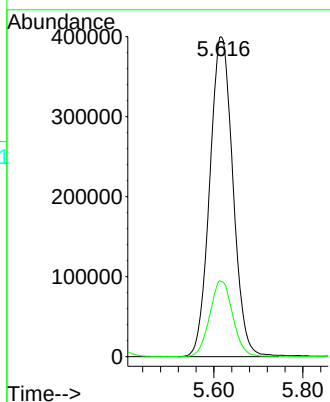
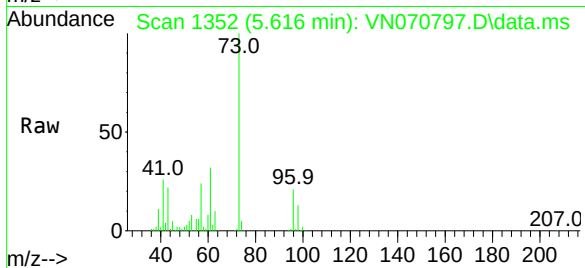




#19  
Methyl tert-butyl Ether  
Concen: 48.819 ug/l  
RT: 5.616 min Scan# 1152  
Delta R.T. -0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

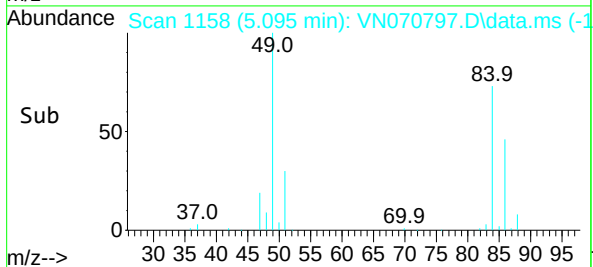
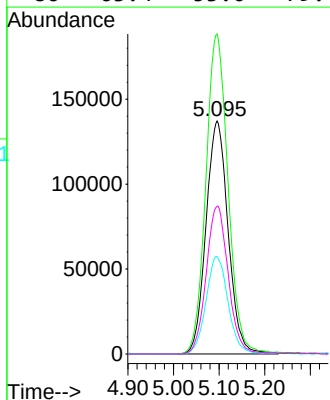
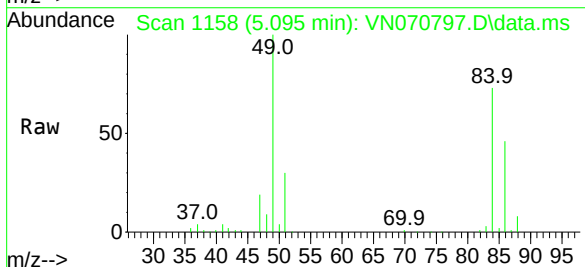
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

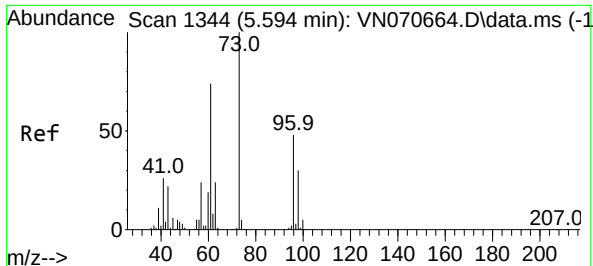
Tgt Ion: 73 Resp: 1445293  
Ion Ratio Lower Upper  
73 100  
57 23.5 16.8 25.2



#20  
Methylene Chloride  
Concen: 47.206 ug/l  
RT: 5.095 min Scan# 1158  
Delta R.T. 0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

Tgt Ion: 84 Resp: 463348  
Ion Ratio Lower Upper  
84 100  
49 137.4 93.5 140.3  
51 41.8 29.4 44.2  
86 63.4 53.0 79.4

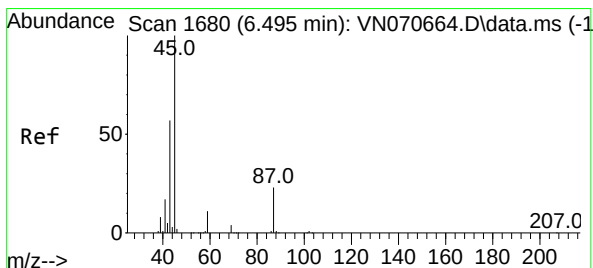
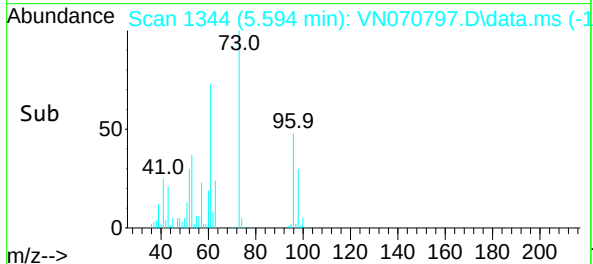
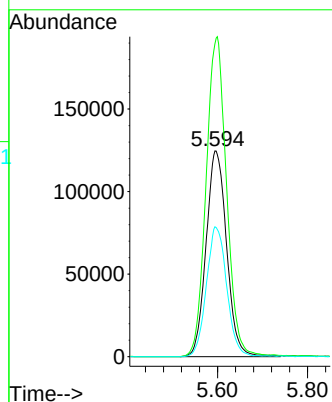
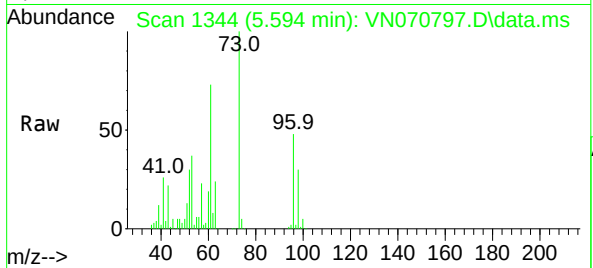




#21  
trans-1,2-Dichloroethene  
Concen: 47.371 ug/l  
RT: 5.594 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

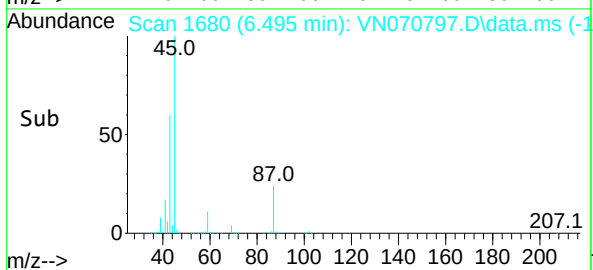
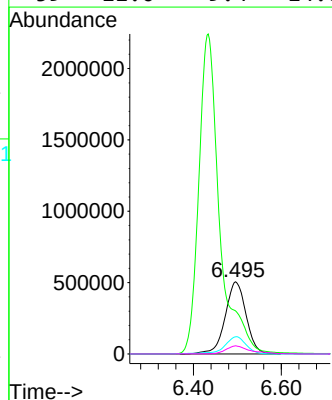
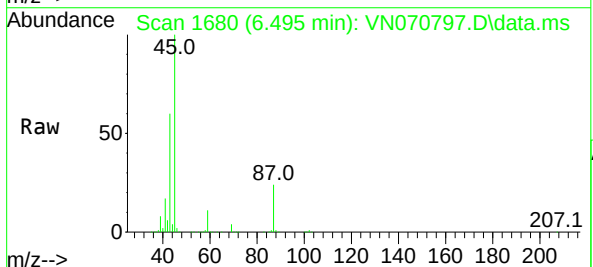
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

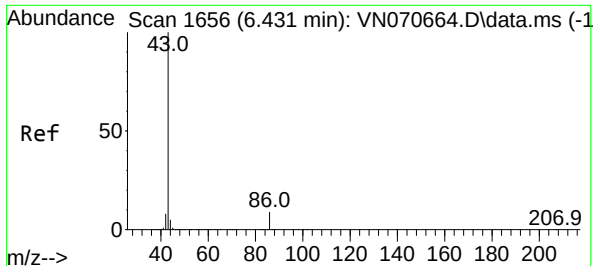
Tgt Ion: 96 Resp: 395103  
Ion Ratio Lower Upper  
96 100  
61 152.0 105.8 158.6  
98 63.2 52.0 78.0



#22  
Diisopropyl ether  
Concen: 46.602 ug/l  
RT: 6.495 min Scan# 1680  
Delta R.T. 0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

Tgt Ion: 45 Resp: 1667881  
Ion Ratio Lower Upper  
45 100  
43 58.9 51.7 77.5  
87 23.6 23.2 34.8  
59 11.0 9.4 14.0

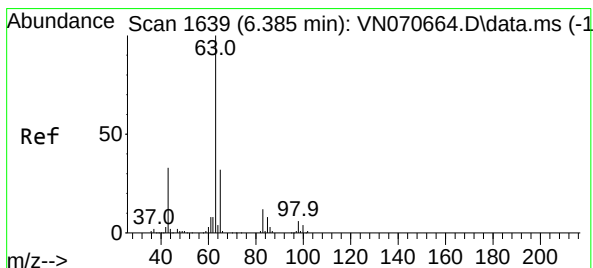
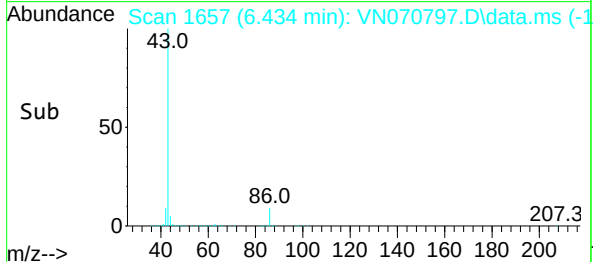
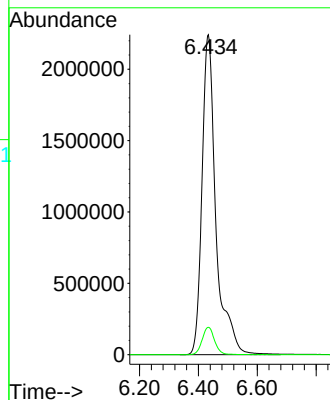
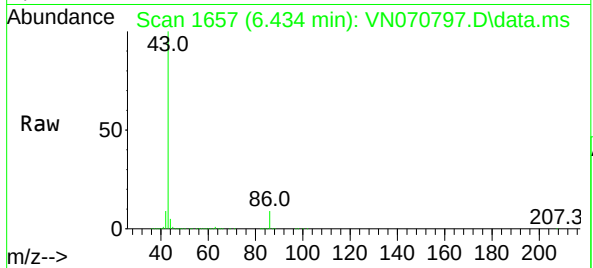




#23  
 Vinyl Acetate  
 Concen: 242.662 ug/l  
 RT: 6.434 min Scan# 1656  
 Delta R.T. 0.003 min  
 Lab File: VN070797.D  
 Acq: 26 Jan 2022 18:20

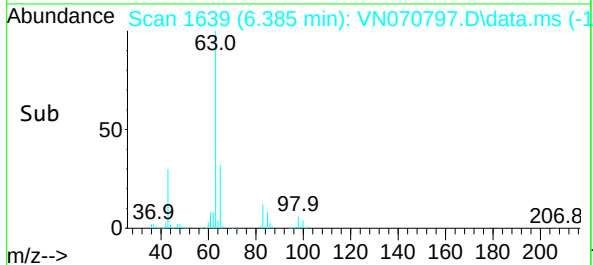
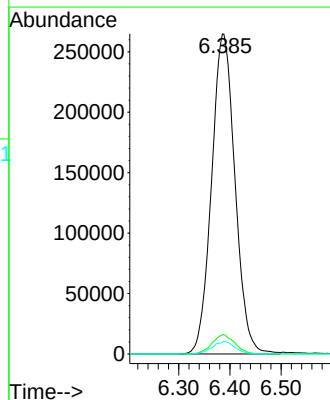
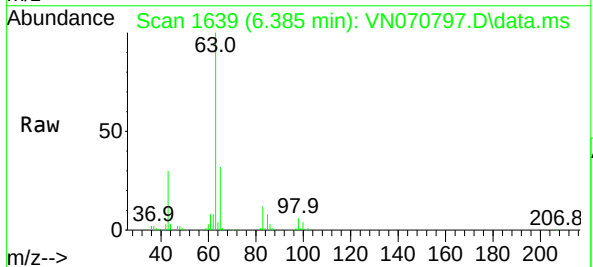
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 43 Resp: 7362019  
 Ion Ratio Lower Upper  
 43 100  
 86 8.6 8.5 12.7

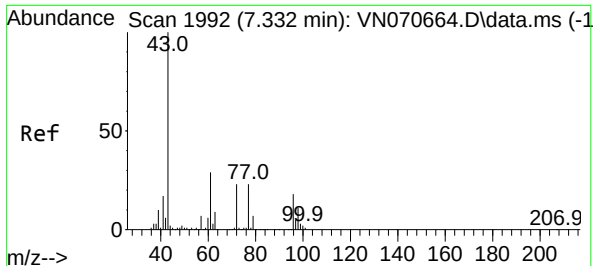


#24  
 1,1-Dichloroethane  
 Concen: 47.020 ug/l  
 RT: 6.385 min Scan# 1639  
 Delta R.T. 0.000 min  
 Lab File: VN070797.D  
 Acq: 26 Jan 2022 18:20

Tgt Ion: 63 Resp: 841777  
 Ion Ratio Lower Upper  
 63 100  
 98 6.0 3.3 9.9  
 100 3.7 2.1 6.5



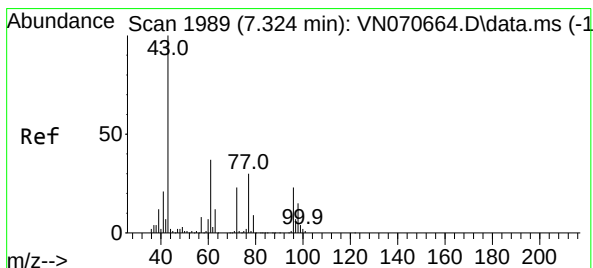
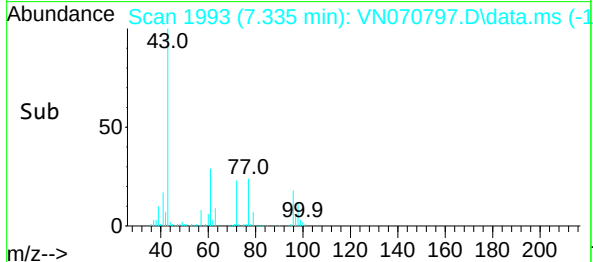
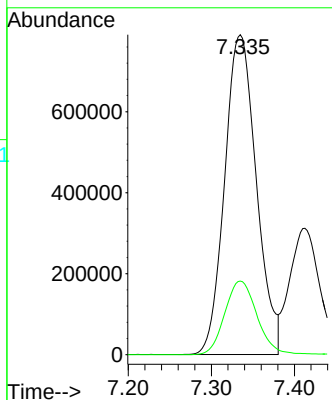
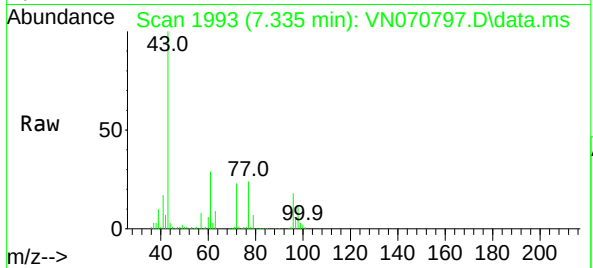




#25  
2-Butanone  
Concen: 223.749 ug/l  
RT: 7.335 min Scan# 1992  
Delta R.T. 0.003 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

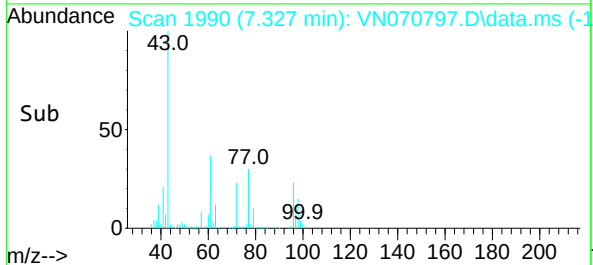
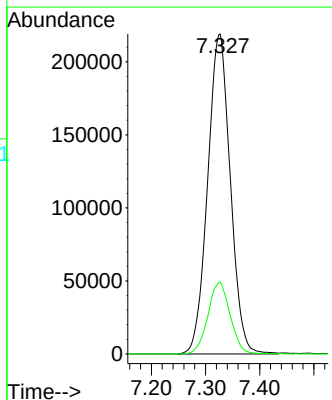
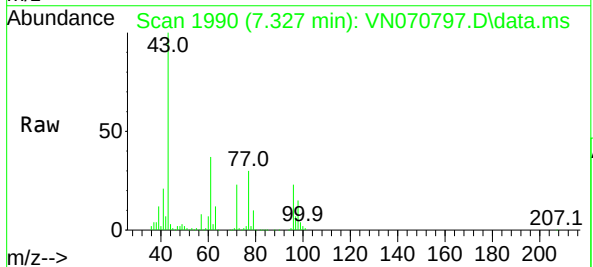
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

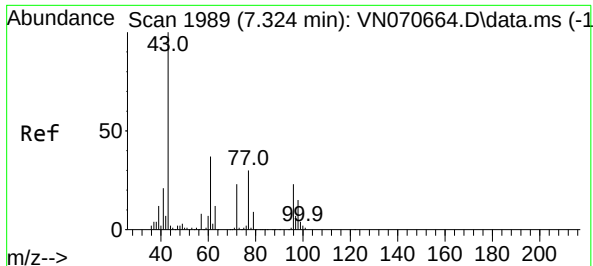
Tgt Ion: 43 Resp: 2097988  
Ion Ratio Lower Upper  
43 100  
72 23.0 21.7 32.5



#26  
2,2-Dichloropropane  
Concen: 46.382 ug/l  
RT: 7.327 min Scan# 1990  
Delta R.T. 0.003 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

Tgt Ion: 77 Resp: 636640  
Ion Ratio Lower Upper  
77 100  
97 22.0 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 46.249 ug/l

RT: 7.327 min Scan# 1989

Delta R.T. 0.003 min

Lab File: VN070797.D

Acq: 26 Jan 2022 18:20

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

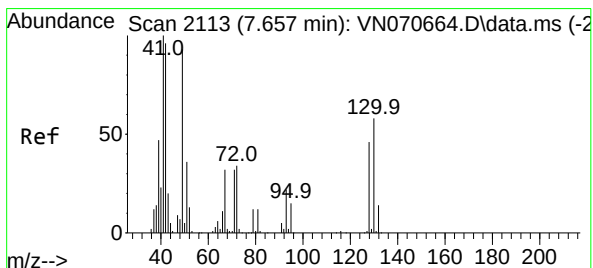
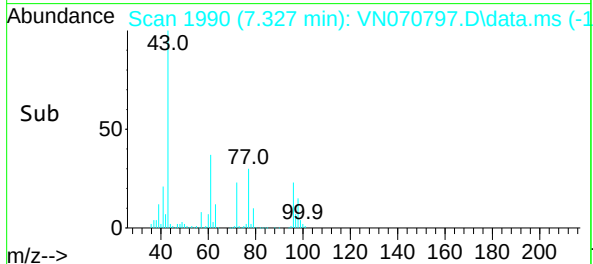
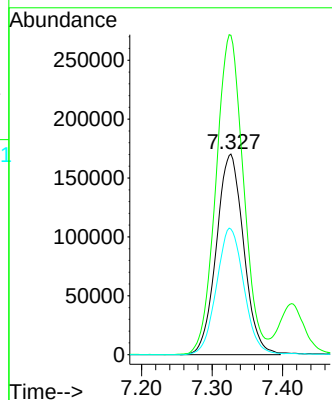
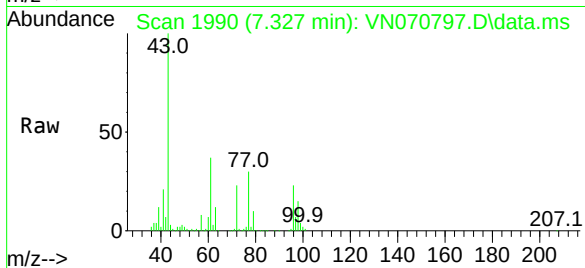
Tgt Ion: 96 Resp: 458235

Ion Ratio Lower Upper

96 100

61 160.5 0.0 275.0

98 63.3 0.0 129.6



#28

Bromochloromethane

Concen: 46.765 ug/l

RT: 7.657 min Scan# 2113

Delta R.T. -0.000 min

Lab File: VN070797.D

Acq: 26 Jan 2022 18:20

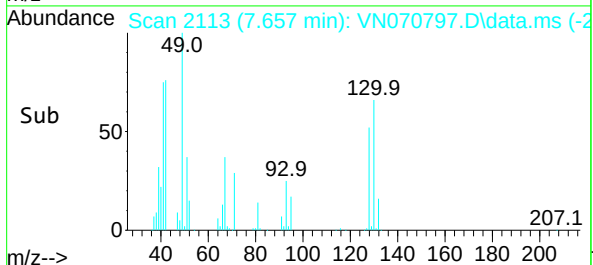
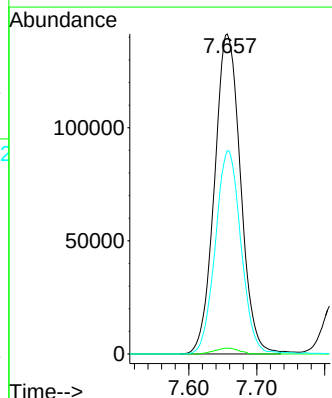
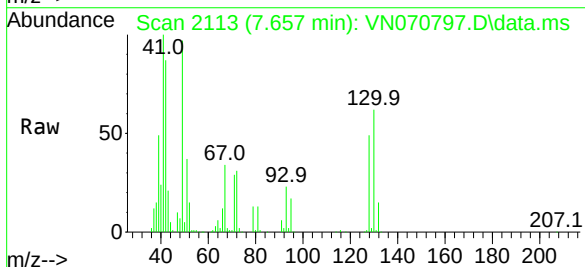
Tgt Ion: 49 Resp: 375889

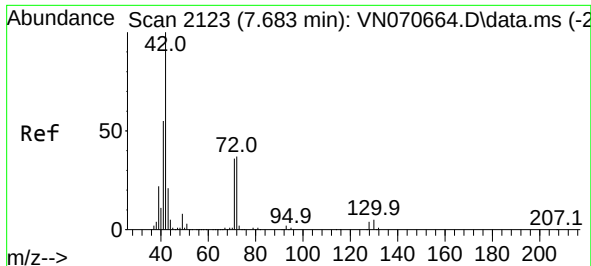
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.0

130 62.6 67.8 101.8





#29

Tetrahydrofuran

Concen: 237.150 ug/l

RT: 7.683 min Scan# 2123

Delta R.T. 0.000 min

Lab File: VN070797.D

Acq: 26 Jan 2022 18:20

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

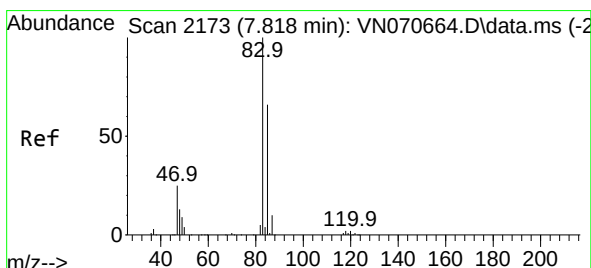
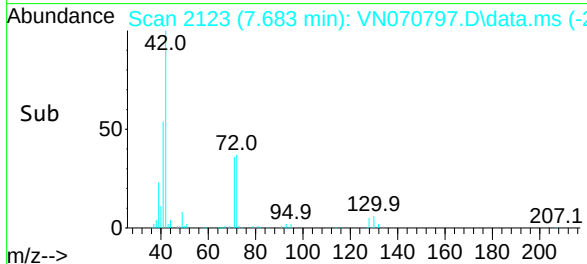
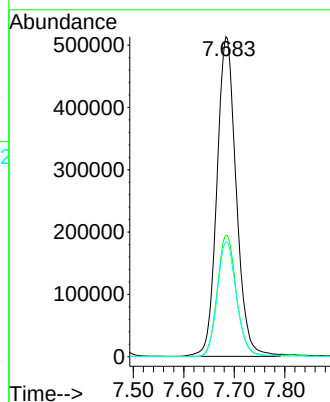
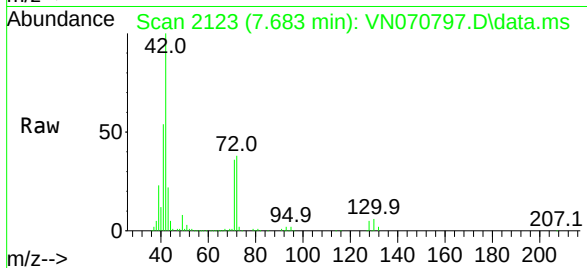
Tgt Ion: 42 Resp: 1361548

Ion Ratio Lower Upper

42 100

72 37.5 36.3 54.5

71 35.8 34.7 52.1



#30

Chloroform

Concen: 44.515 ug/l

RT: 7.818 min Scan# 2173

Delta R.T. -0.000 min

Lab File: VN070797.D

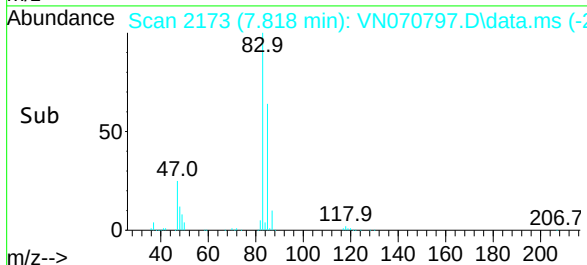
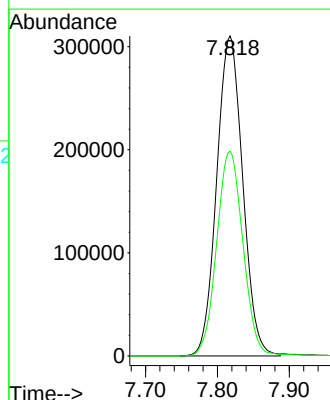
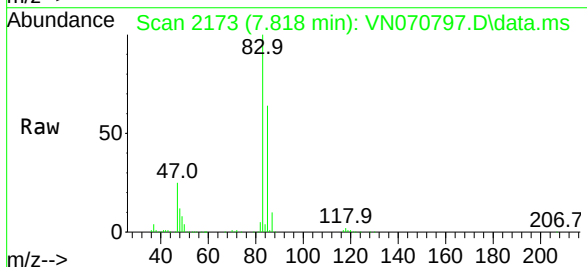
Acq: 26 Jan 2022 18:20

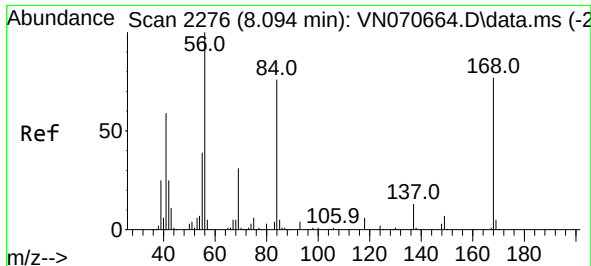
Tgt Ion: 83 Resp: 779193

Ion Ratio Lower Upper

83 100

85 64.0 51.9 77.9

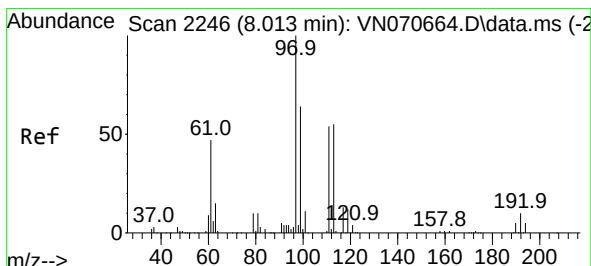
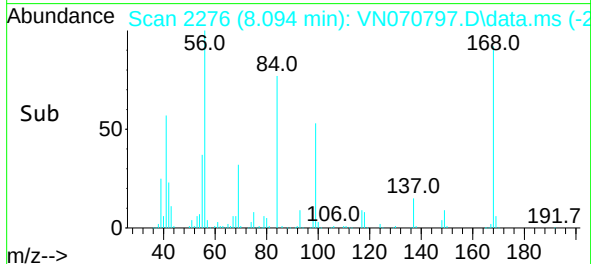
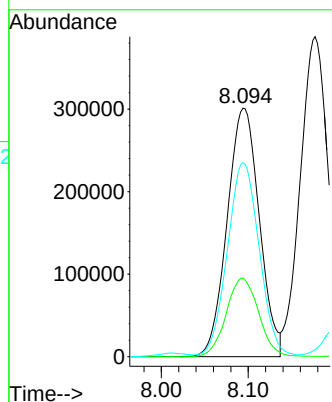
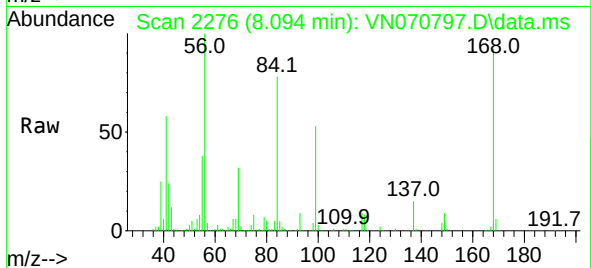




#31  
Cyclohexane  
Concen: 40.954 ug/l  
RT: 8.094 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

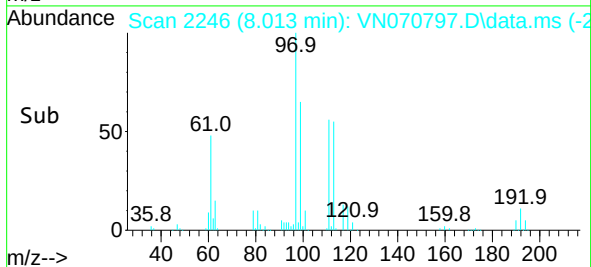
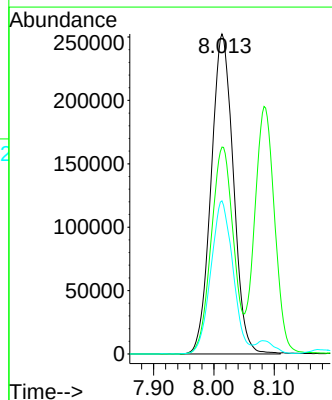
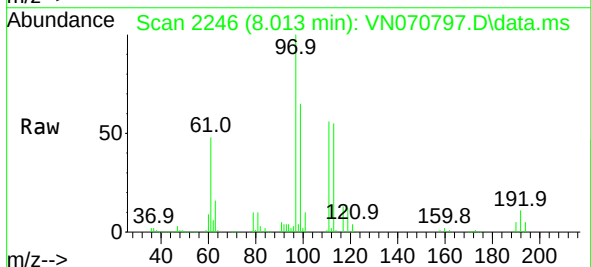
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

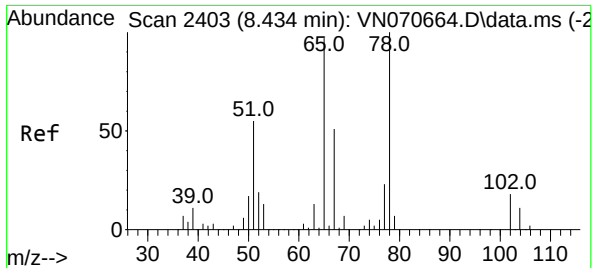
Tgt Ion: 56 Resp: 774223  
Ion Ratio Lower Upper  
56 100  
69 31.7 27.1 40.7  
84 76.8 73.4 110.0



#32  
1,1,1-Trichloroethane  
Concen: 46.572 ug/l  
RT: 8.013 min Scan# 2246  
Delta R.T. 0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

Tgt Ion: 97 Resp: 647154  
Ion Ratio Lower Upper  
97 100  
99 64.7 50.1 75.1  
61 47.6 35.2 52.8

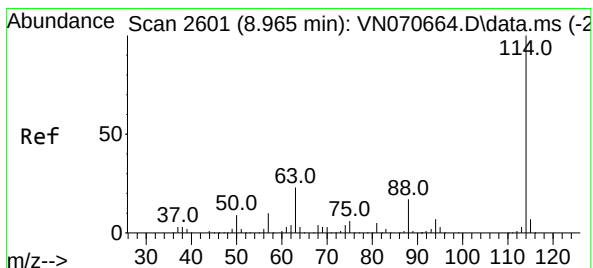
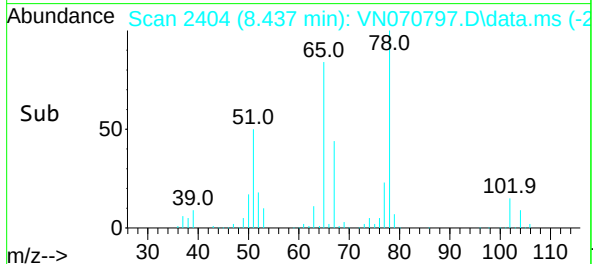
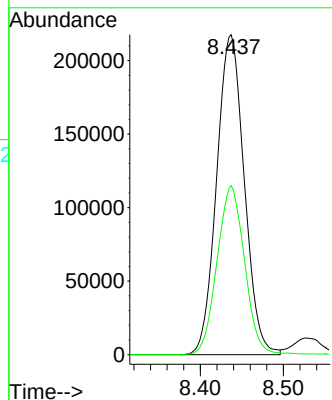
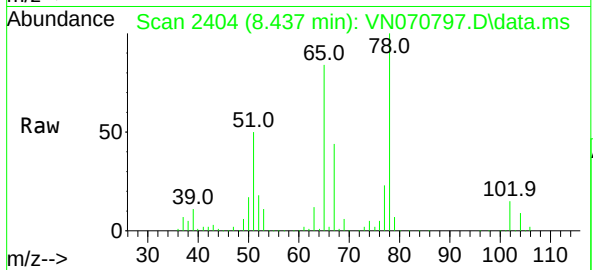




#33  
 1,2-Dichloroethane-d4  
 Concen: 46.864 ug/l  
 RT: 8.437 min Scan# 2403  
 Delta R.T. 0.003 min  
 Lab File: VN070797.D  
 Acq: 26 Jan 2022 18:20

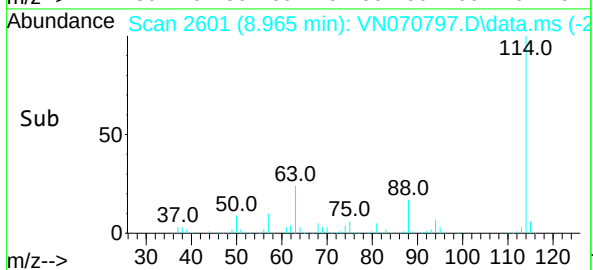
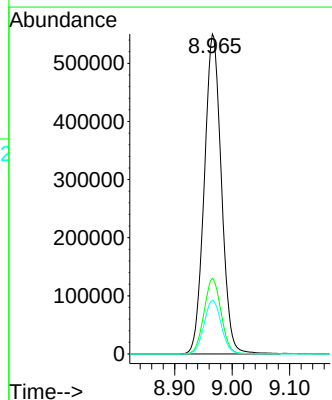
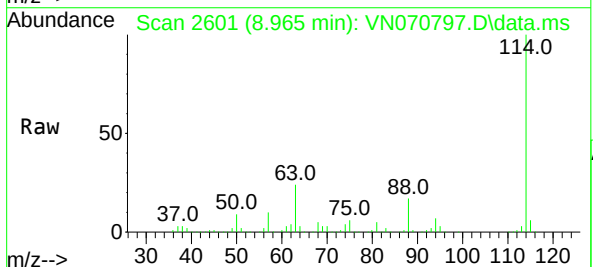
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

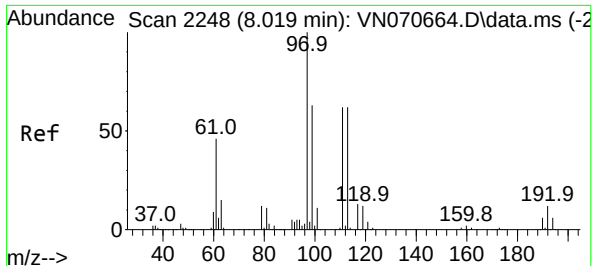
Tgt Ion: 65 Resp: 503124  
 Ion Ratio Lower Upper  
 65 100  
 67 52.4 0.0 103.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.965 min Scan# 2601  
 Delta R.T. 0.000 min  
 Lab File: VN070797.D  
 Acq: 26 Jan 2022 18:20

Tgt Ion: 114 Resp: 1136838  
 Ion Ratio Lower Upper  
 114 100  
 63 23.7 0.0 37.8  
 88 16.8 0.0 27.4

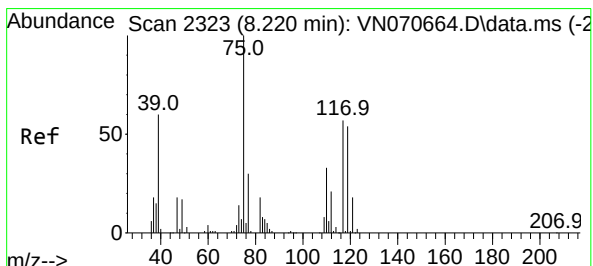
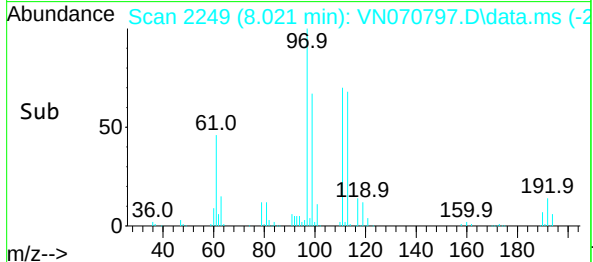
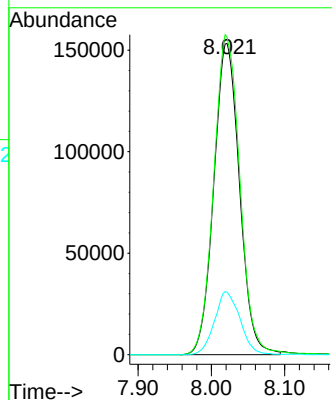
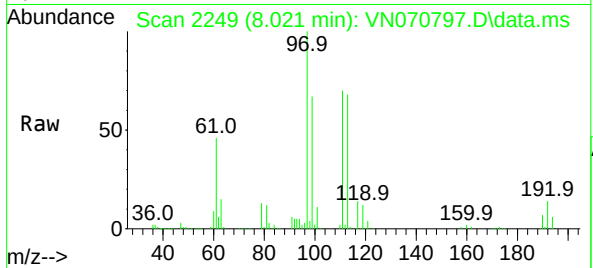




#35  
Dibromofluoromethane  
Concen: 52.952 ug/l  
RT: 8.021 min Scan# 2113  
Delta R.T. 0.002 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

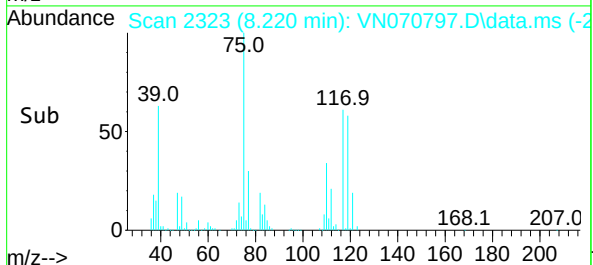
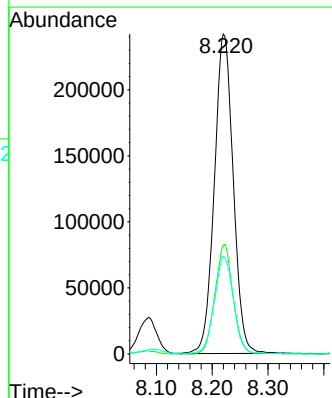
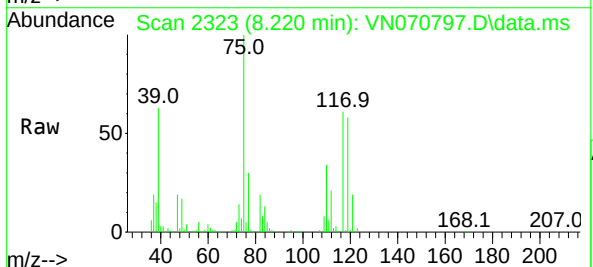
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

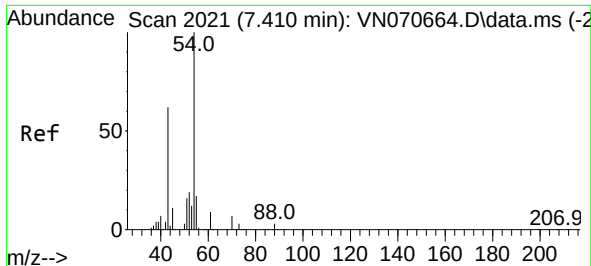
Tgt Ion:113 Resp: 373408  
Ion Ratio Lower Upper  
113 100  
111 104.8 82.2 123.2  
192 20.1 16.9 25.3



#36  
1,1-Dichloropropene  
Concen: 47.932 ug/l  
RT: 8.220 min Scan# 2323  
Delta R.T. -0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

Tgt Ion: 75 Resp: 569035  
Ion Ratio Lower Upper  
75 100  
110 32.8 18.4 55.2  
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 50.677 ug/l

RT: 7.413 min Scan# 2021

Delta R.T. 0.003 min

Lab File: VN070797.D

Acq: 26 Jan 2022 18:20

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

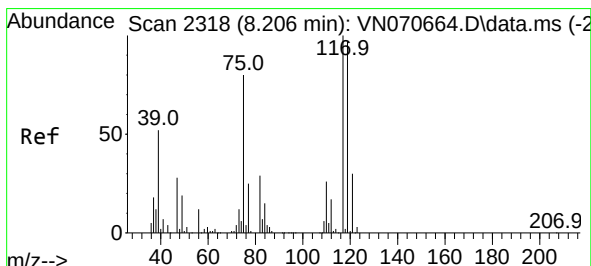
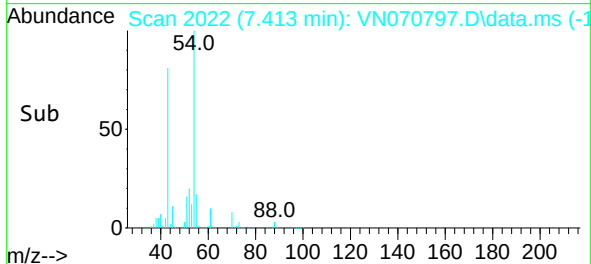
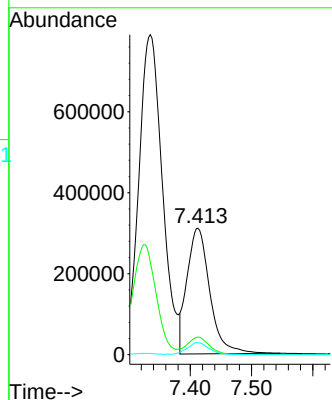
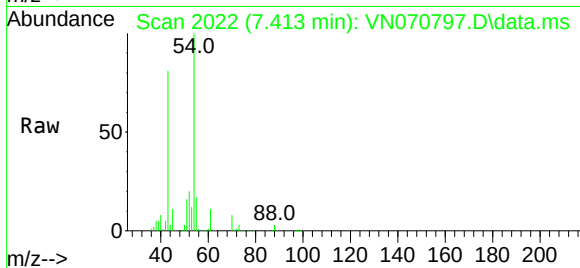
Tgt Ion: 43 Resp: 798720

Ion Ratio Lower Upper

43 100

61 13.1 11.5 17.3

70 8.9 7.9 11.9



#38

Carbon Tetrachloride

Concen: 50.789 ug/l

RT: 8.206 min Scan# 2318

Delta R.T. 0.000 min

Lab File: VN070797.D

Acq: 26 Jan 2022 18:20

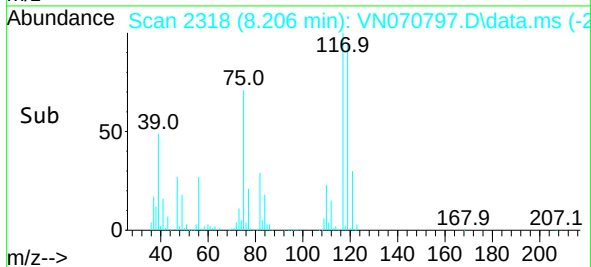
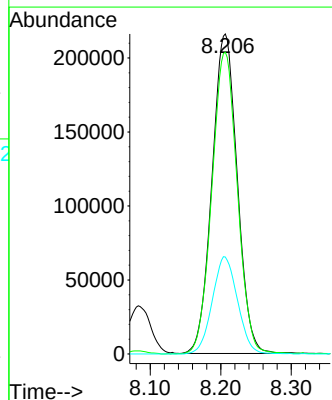
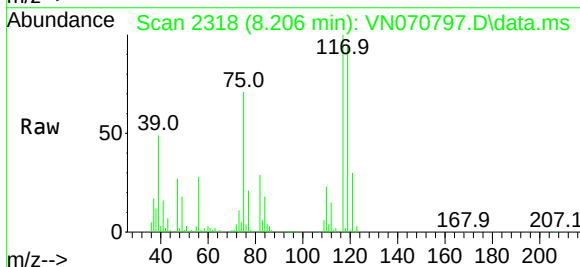
Tgt Ion: 117 Resp: 536394

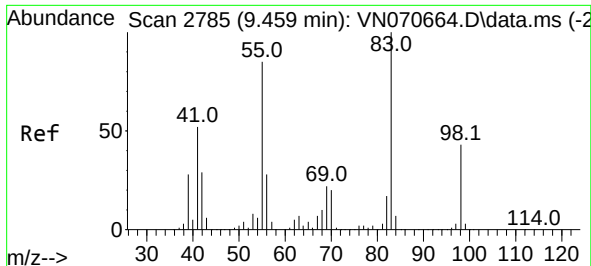
Ion Ratio Lower Upper

117 100

119 94.4 76.1 114.1

121 30.4 24.2 36.2





#39

Methylcyclohexane

Concen: 44.538 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070797.D

Acq: 26 Jan 2022 18:20

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

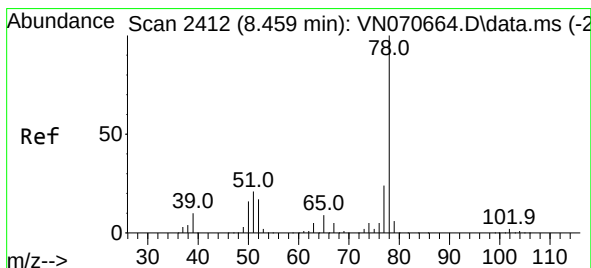
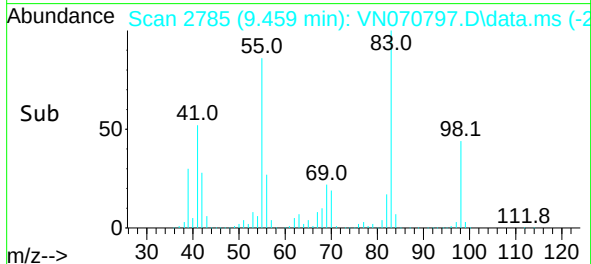
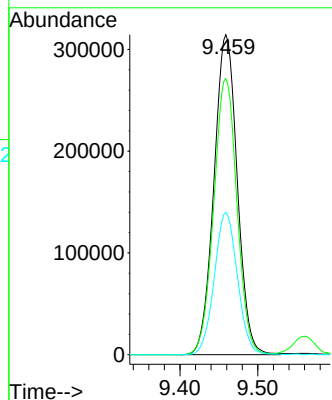
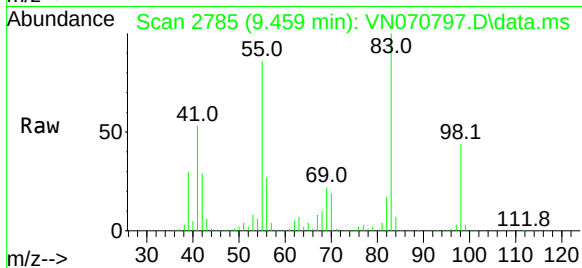
Tgt Ion: 83 Resp: 652747

Ion Ratio Lower Upper

83 100

55 86.3 58.1 87.1

98 44.4 38.4 57.6



#40

Benzene

Concen: 46.832 ug/l

RT: 8.459 min Scan# 2412

Delta R.T. -0.000 min

Lab File: VN070797.D

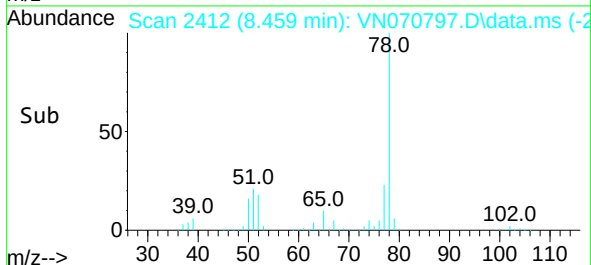
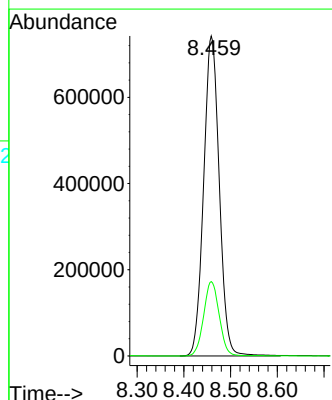
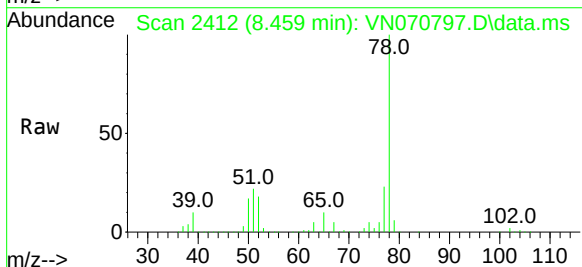
Acq: 26 Jan 2022 18:20

Tgt Ion: 78 Resp: 1722705

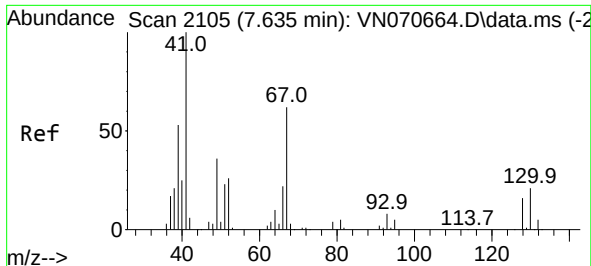
Ion Ratio Lower Upper

78 100

77 23.3 18.6 27.8



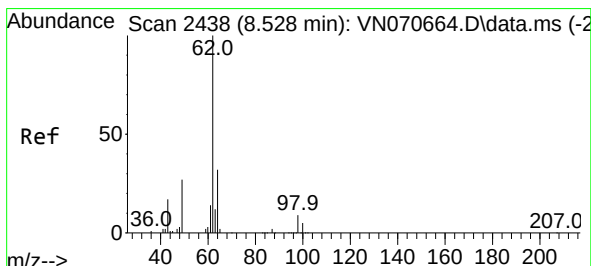
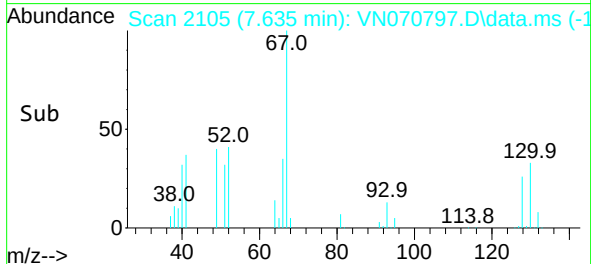
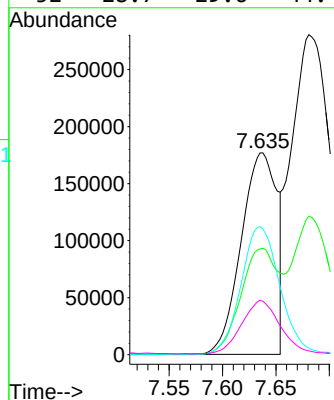
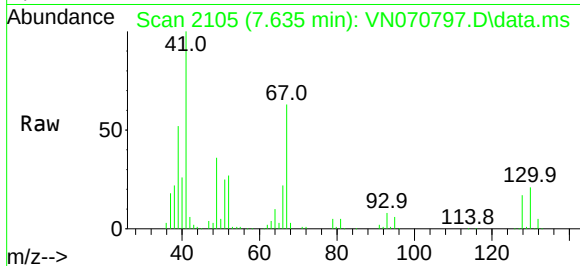




#41  
Methacrylonitrile  
Concen: 51.174 ug/l  
RT: 7.635 min Scan# 2105  
Delta R.T. 0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

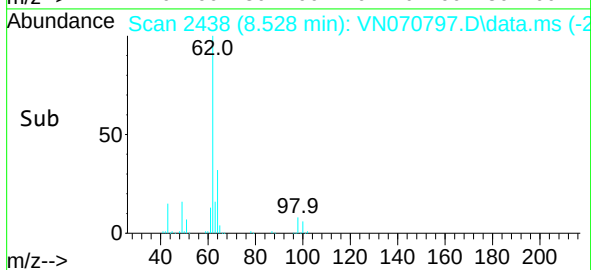
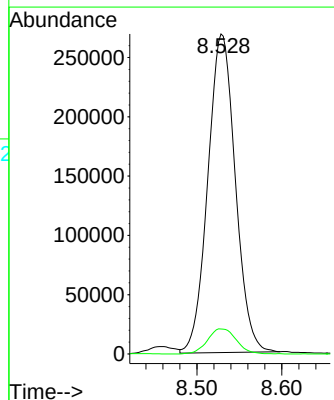
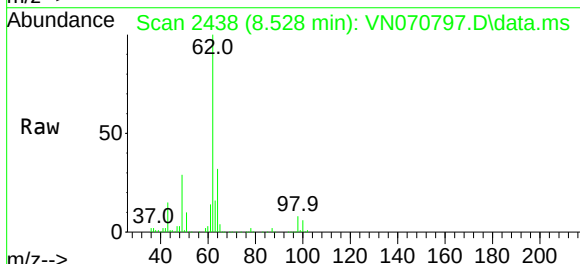
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

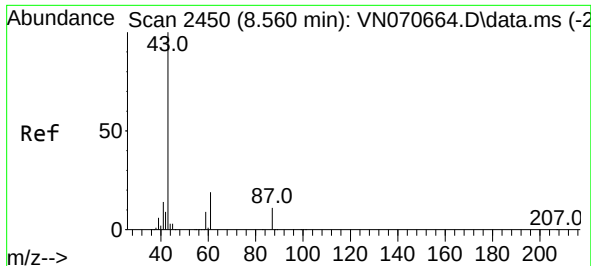
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 410335 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 55.6  | 48.1  | 72.1   |
| 67       | 70.0  | 68.3  | 102.5  |
| 52       | 28.7  | 29.6  | 44.4   |



#42  
1,2-Dichloroethane  
Concen: 47.369 ug/l  
RT: 8.528 min Scan# 2438  
Delta R.T. 0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 604179 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.3   | 0.0   | 17.6   |

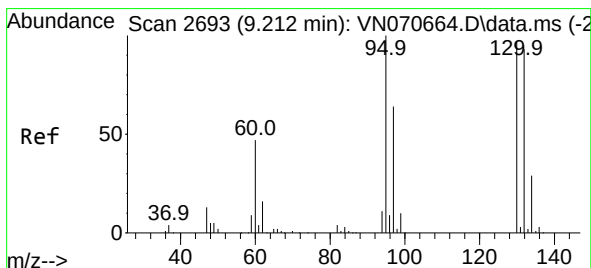
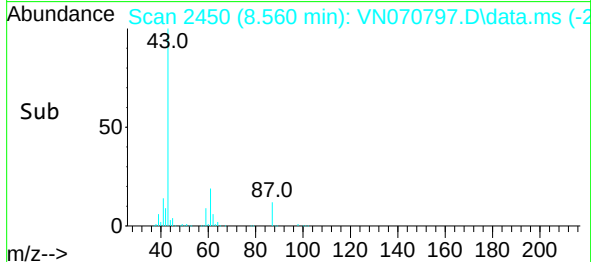
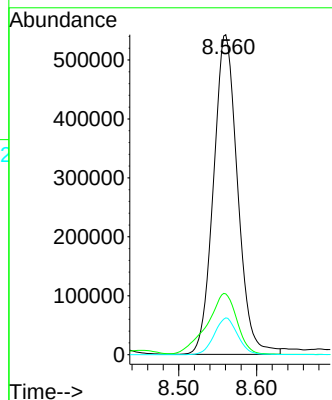
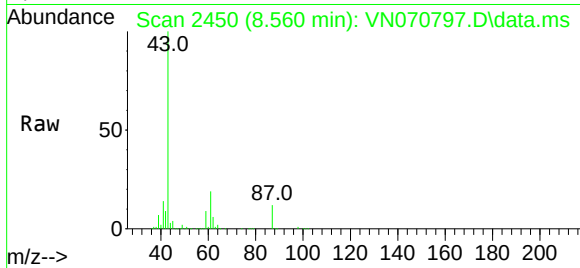




#43  
Isopropyl Acetate  
Concen: 48.369 ug/l  
RT: 8.560 min Scan# 2450  
Delta R.T. 0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

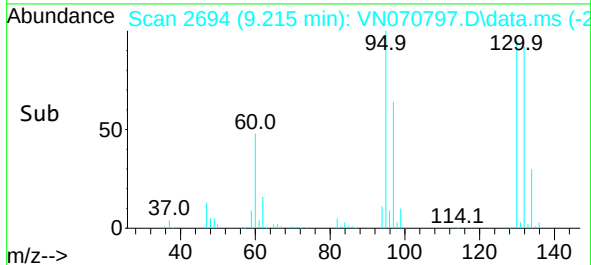
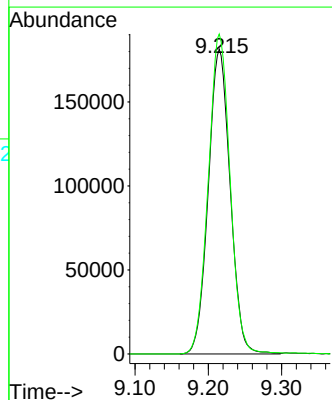
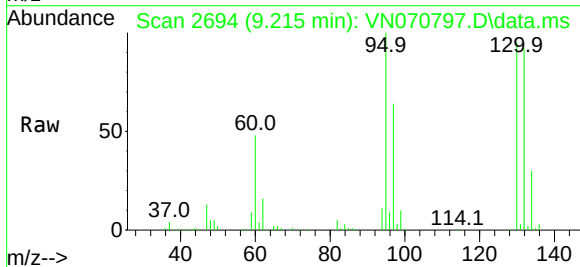
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

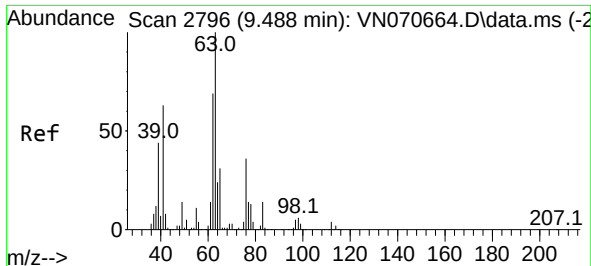
Tgt Ion: 43 Resp: 1164393  
Ion Ratio Lower Upper  
43 100  
61 23.9 20.4 30.6  
87 11.2 11.2 16.8#



#44  
Trichloroethene  
Concen: 45.041 ug/l  
RT: 9.215 min Scan# 2694  
Delta R.T. 0.003 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

Tgt Ion:130 Resp: 375600  
Ion Ratio Lower Upper  
130 100  
95 105.0 0.0 191.2





#45

1,2-Dichloropropane

Concen: 45.817 ug/l

RT: 9.488 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070797.D

Acq: 26 Jan 2022 18:20

Instrument :

MSVOA\_N

ClientSampleId :

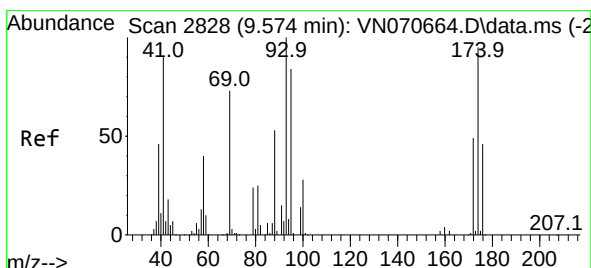
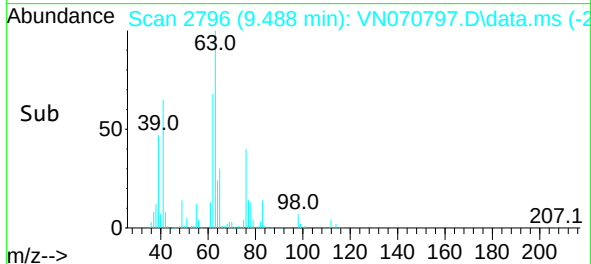
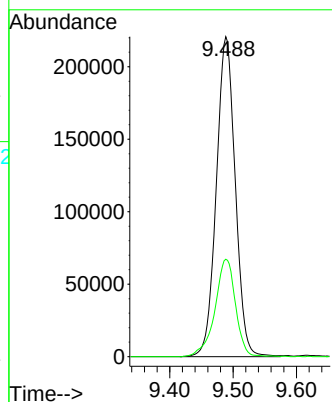
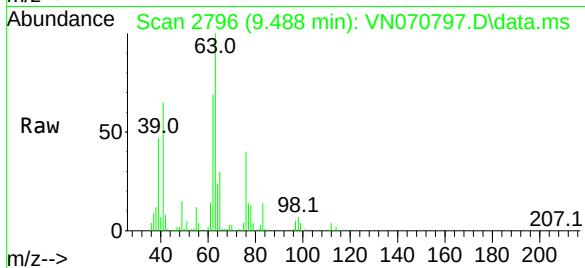
VSTDCCC050EC

Tgt Ion: 63 Resp: 458549

Ion Ratio Lower Upper

63 100

65 30.5 24.7 37.1



#46

Dibromomethane

Concen: 47.603 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.003 min

Lab File: VN070797.D

Acq: 26 Jan 2022 18:20

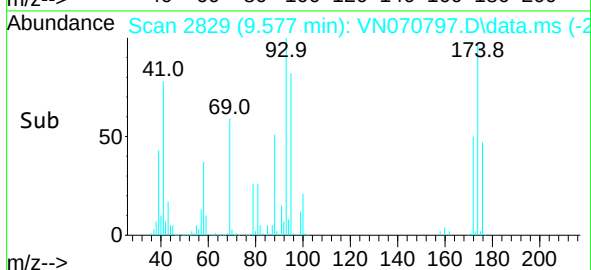
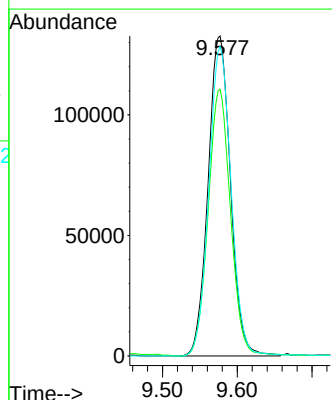
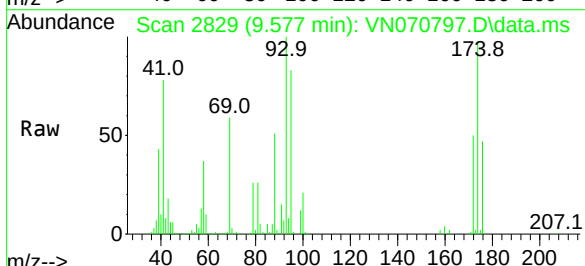
Tgt Ion: 93 Resp: 277021

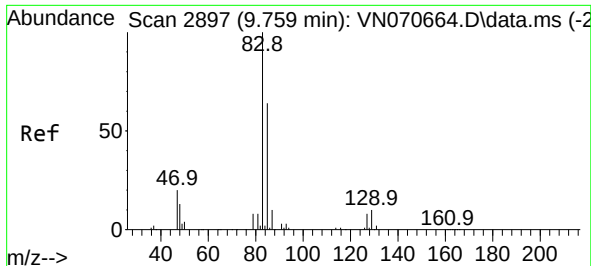
Ion Ratio Lower Upper

93 100

95 83.2 65.9 98.9

174 96.2 84.6 127.0

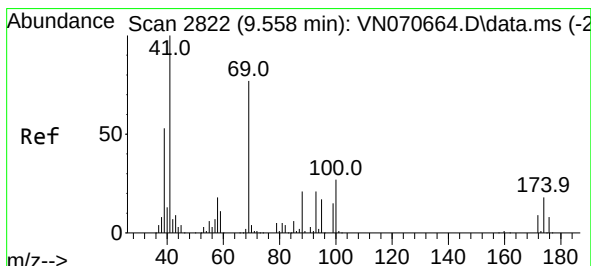
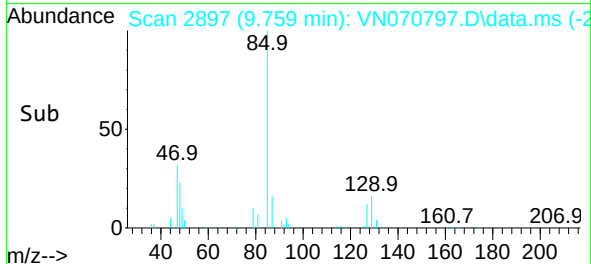
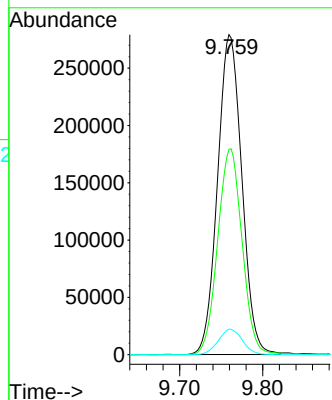
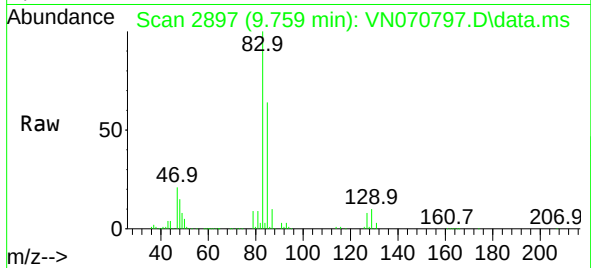




#47  
Bromodichloromethane  
Concen: 47.681 ug/l  
RT: 9.759 min Scan# 2897  
Delta R.T. 0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

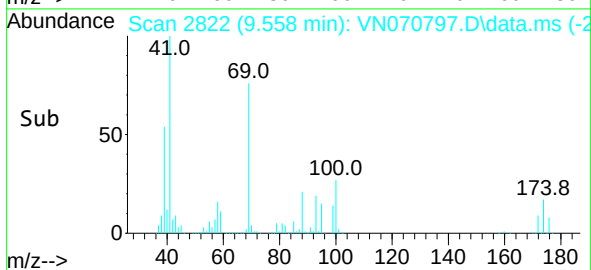
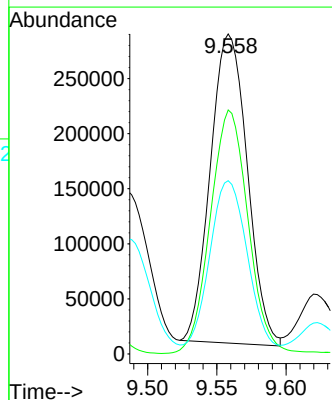
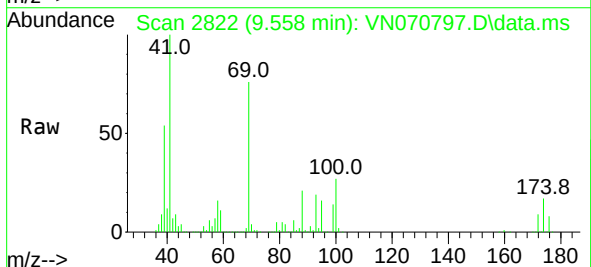
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

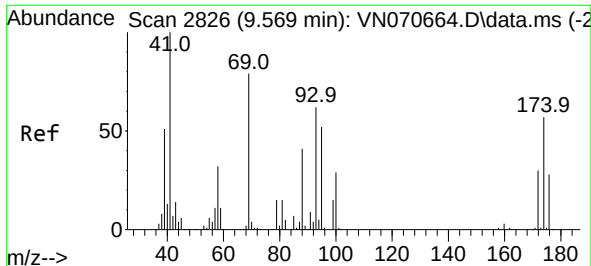
Tgt Ion: 83 Resp: 567198  
Ion Ratio Lower Upper  
83 100  
85 64.2 50.9 76.3  
127 8.0 7.1 10.7



#48  
Methyl methacrylate  
Concen: 45.482 ug/l  
RT: 9.558 min Scan# 2822  
Delta R.T. 0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

Tgt Ion: 41 Resp: 521606  
Ion Ratio Lower Upper  
41 100  
69 81.0 72.4 108.6  
39 53.6 58.4 87.6#





#49

1,4-Dioxane

Concen: 1005.776 ug/l

RT: 9.566 min Scan# 2826

Delta R.T. -0.003 min

Lab File: VN070797.D

Acq: 26 Jan 2022 18:20

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

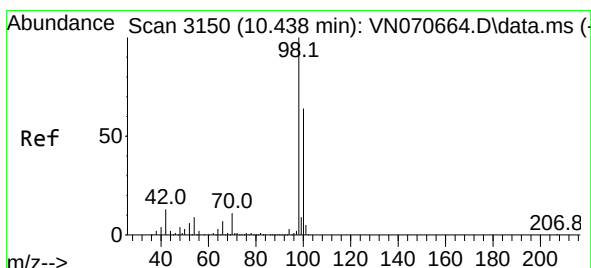
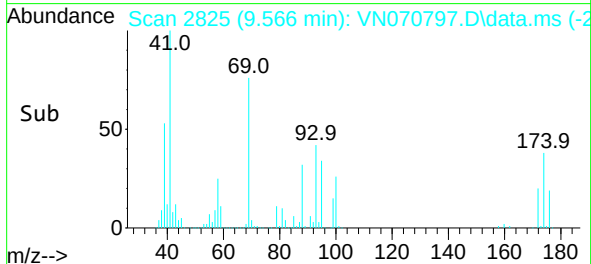
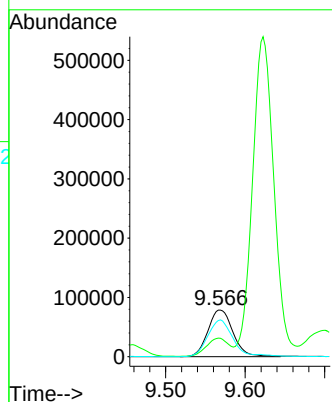
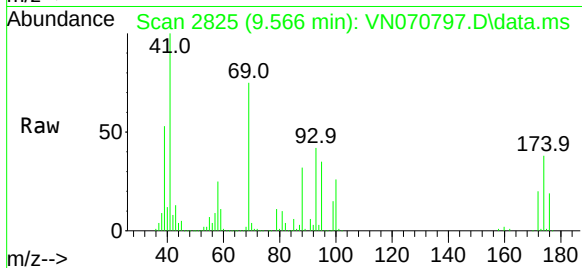
Tgt Ion: 88 Resp: 173263

Ion Ratio Lower Upper

88 100

43 34.6 23.4 35.2

58 76.5 50.6 75.8#



#50

Toluene-d8

Concen: 48.340 ug/l

RT: 10.441 min Scan# 3151

Delta R.T. 0.002 min

Lab File: VN070797.D

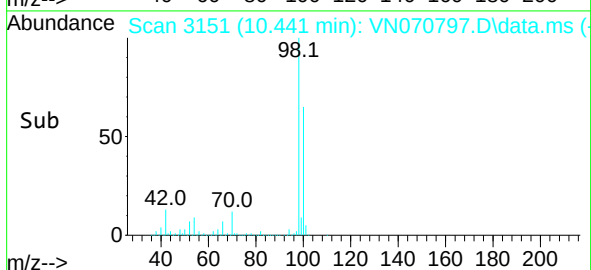
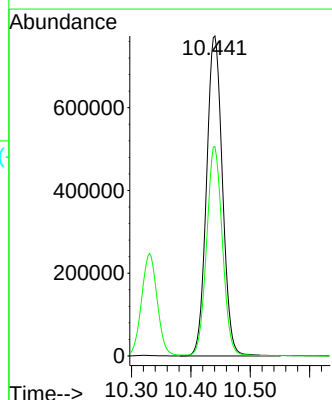
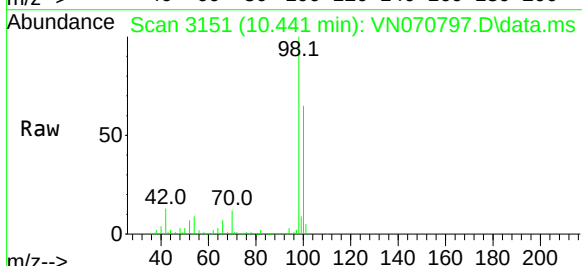
Acq: 26 Jan 2022 18:20

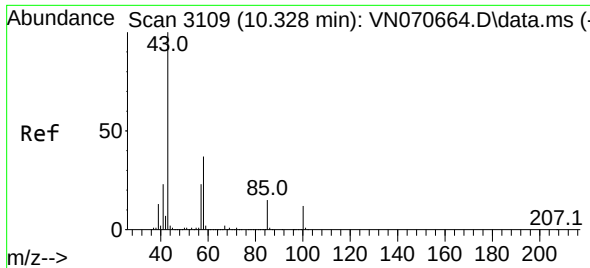
Tgt Ion: 98 Resp: 1436068

Ion Ratio Lower Upper

98 100

100 64.3 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 238.050 ug/l

RT: 10.331 min Scan# 3110

Delta R.T. 0.003 min

Lab File: VN070797.D

Acq: 26 Jan 2022 18:20

Instrument :

MSVOA\_N

ClientSampleId :

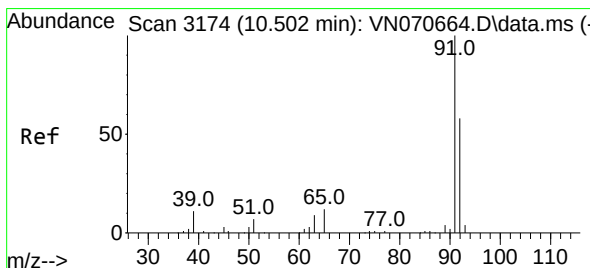
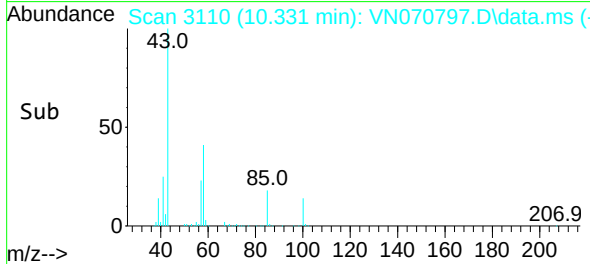
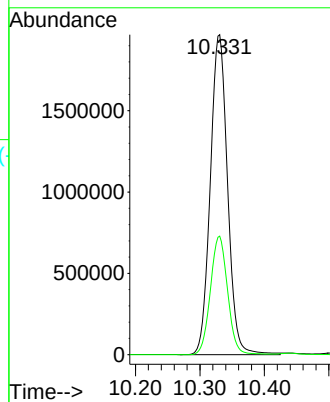
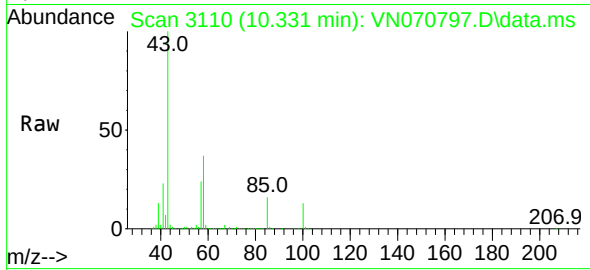
VSTDCCC050EC

Tgt Ion: 43 Resp: 3656699

Ion Ratio Lower Upper

43 100

58 36.9 30.4 45.6



#52

Toluene

Concen: 45.616 ug/l

RT: 10.505 min Scan# 3175

Delta R.T. 0.003 min

Lab File: VN070797.D

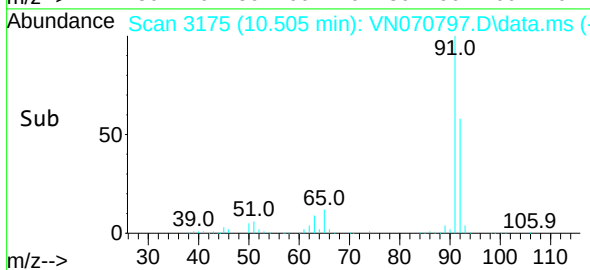
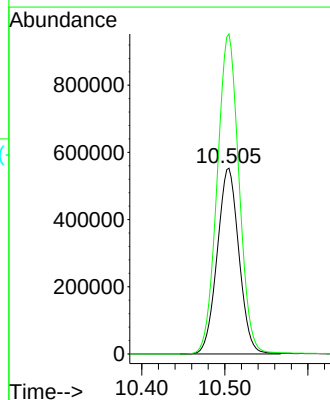
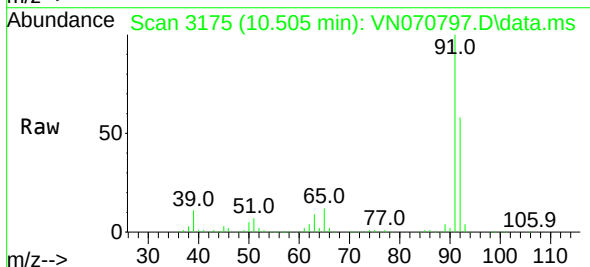
Acq: 26 Jan 2022 18:20

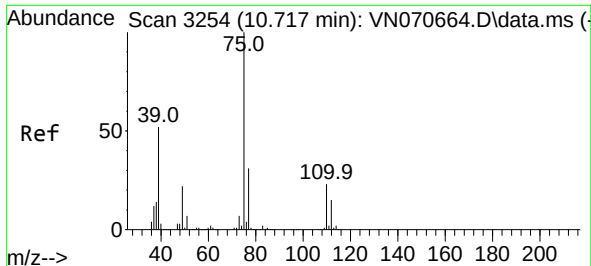
Tgt Ion: 92 Resp: 1003722

Ion Ratio Lower Upper

92 100

91 174.2 142.0 213.0

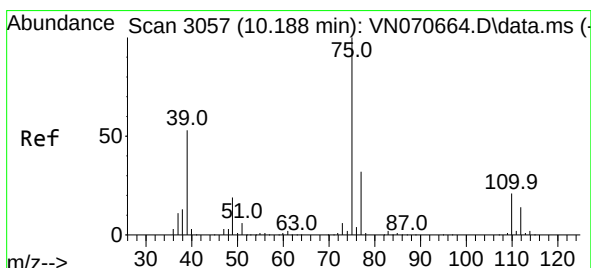
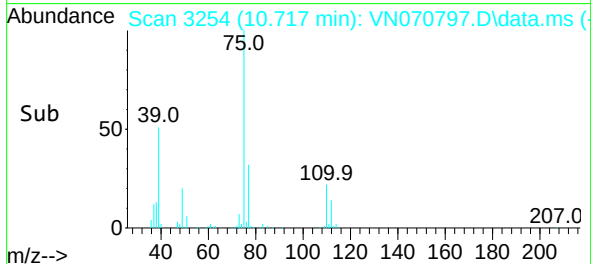
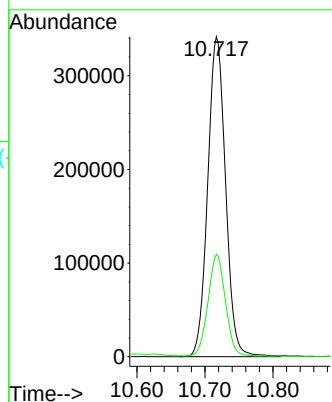
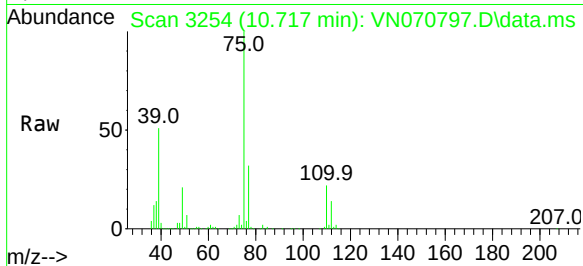




#53  
t-1,3-Dichloropropene  
Concen: 43.563 ug/l  
RT: 10.717 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

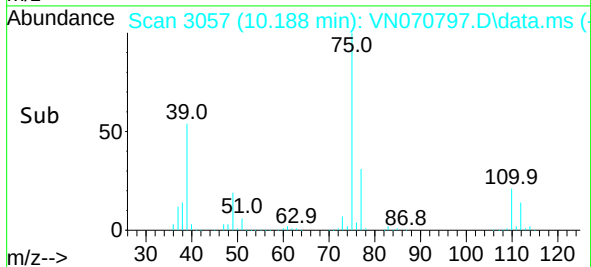
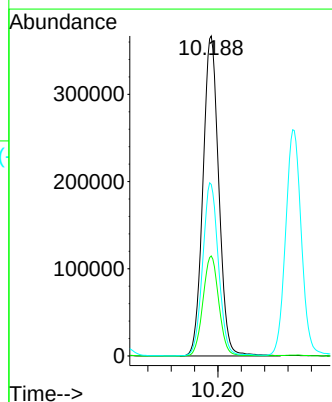
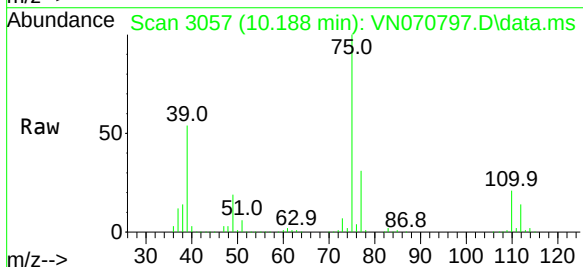
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

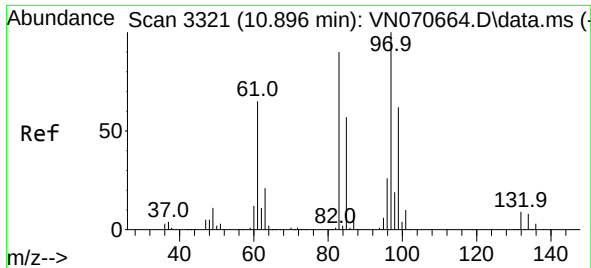
Tgt Ion: 75 Resp: 623730  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.6 38.4



#54  
cis-1,3-Dichloropropene  
Concen: 48.440 ug/l  
RT: 10.188 min Scan# 3057  
Delta R.T. 0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

Tgt Ion: 75 Resp: 691048  
Ion Ratio Lower Upper  
75 100  
77 31.3 26.4 39.6  
39 53.5 42.5 63.7



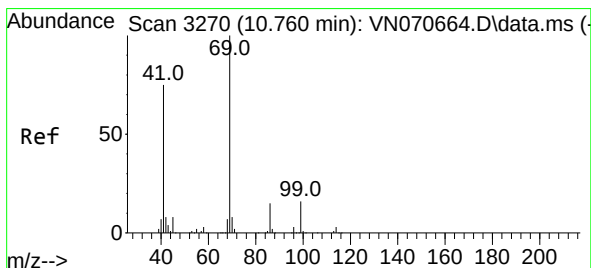
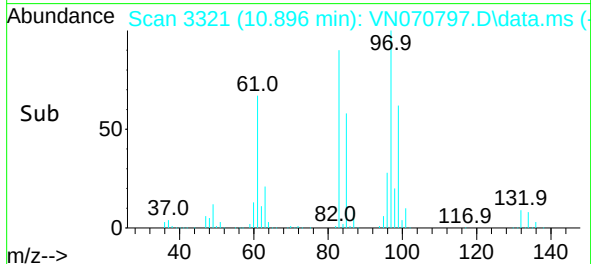
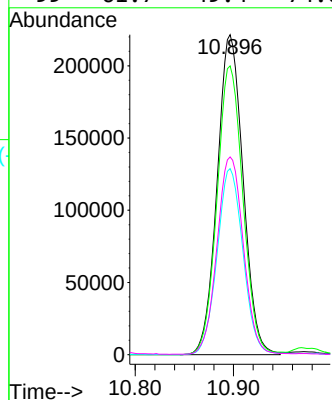
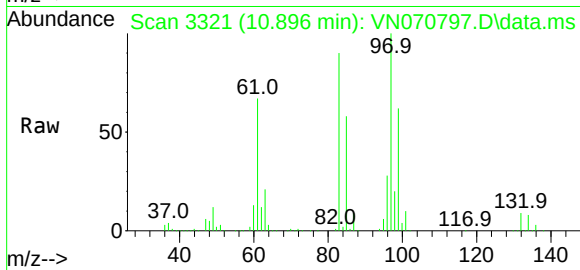


#55  
1,1,2-Trichloroethane  
Concen: 46.933 ug/l  
RT: 10.896 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 97 Resp: 405694

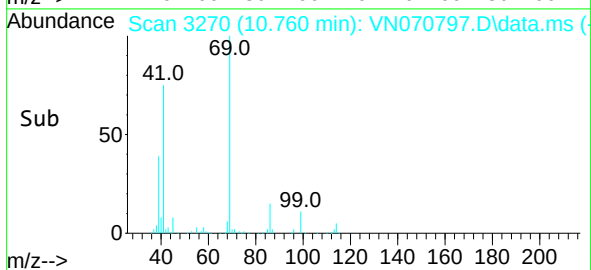
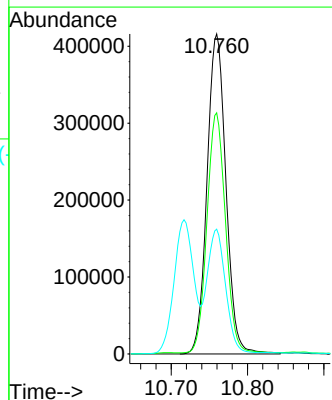
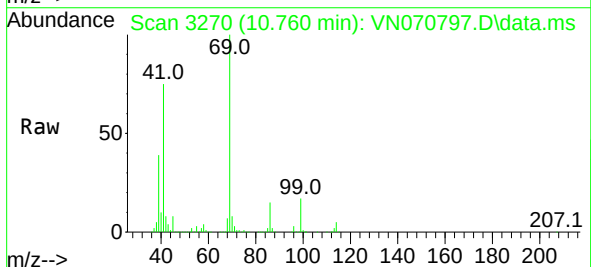
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 90.3  | 67.8  | 101.6 |
| 85  | 58.1  | 45.4  | 68.2  |
| 99  | 61.7  | 49.4  | 74.0  |



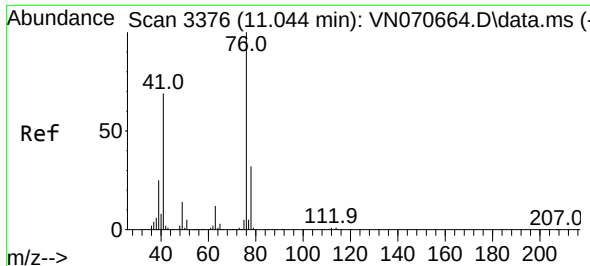
#56  
Ethyl methacrylate  
Concen: 43.822 ug/l  
RT: 10.760 min Scan# 3270  
Delta R.T. -0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

Tgt Ion: 69 Resp: 715533

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 73.5  | 51.4  | 77.0  |
| 39  | 37.9  | 34.6  | 52.0  |







#57

1,3-Dichloropropane

Concen: 47.724 ug/l

RT: 11.041 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070797.D

Acq: 26 Jan 2022 18:20

Instrument :

MSVOA\_N

ClientSampleId :

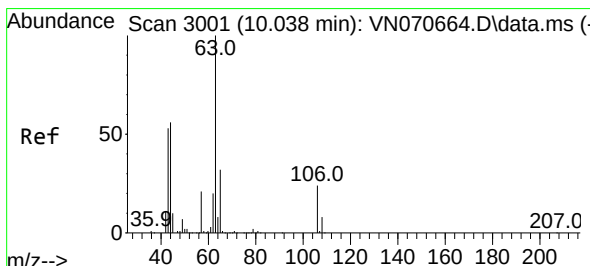
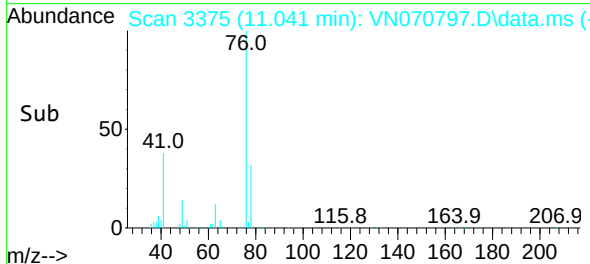
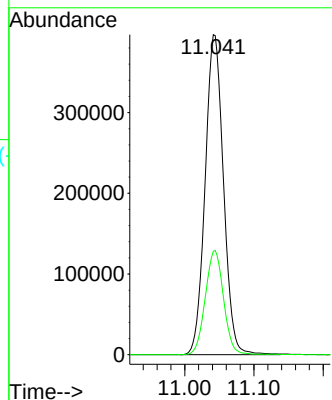
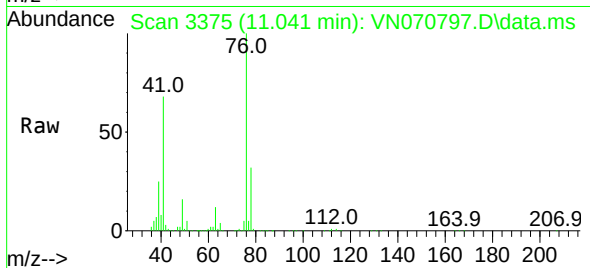
VSTDCCC050EC

Tgt Ion: 76 Resp: 730285

Ion Ratio Lower Upper

76 100

78 32.4 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 216.943 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. 0.003 min

Lab File: VN070797.D

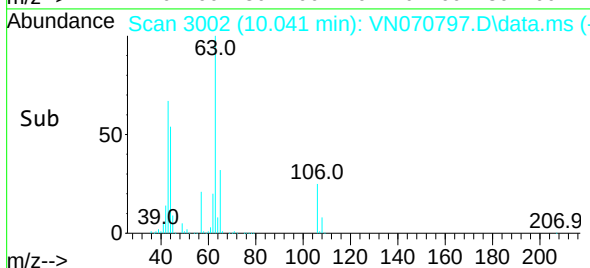
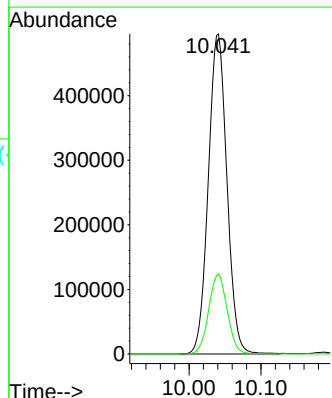
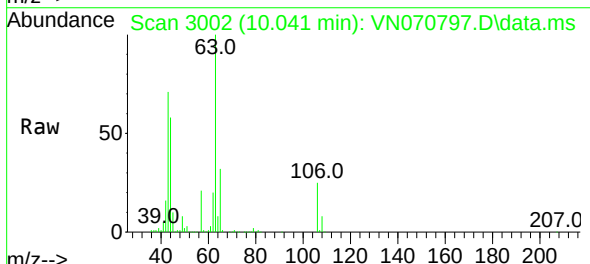
Acq: 26 Jan 2022 18:20

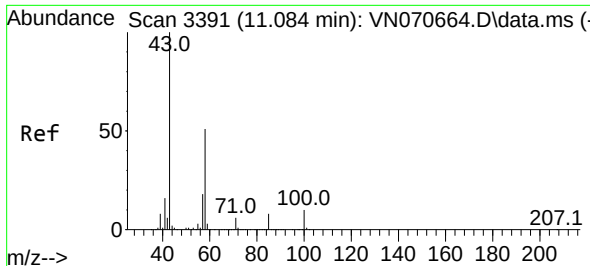
Tgt Ion: 63 Resp: 891955

Ion Ratio Lower Upper

63 100

106 24.9 23.9 35.9

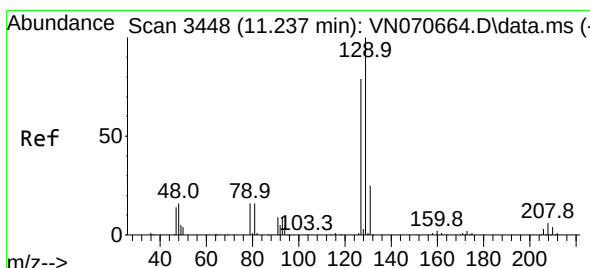
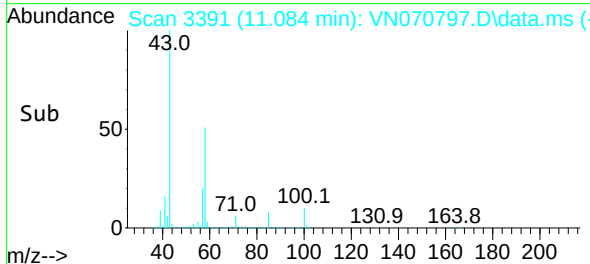
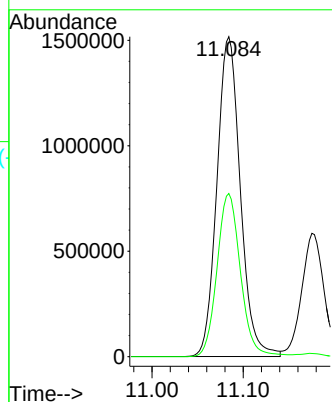
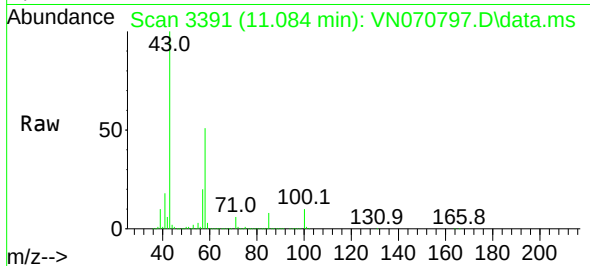




#59  
2-Hexanone  
Concen: 242.450 ug/l  
RT: 11.084 min Scan# 3391  
Delta R.T. 0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

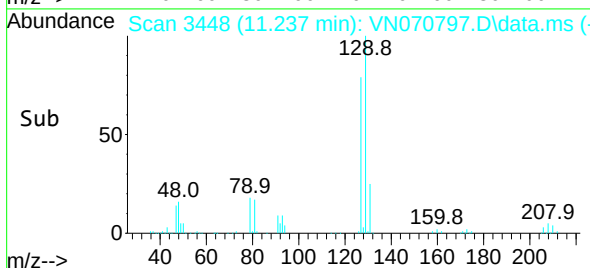
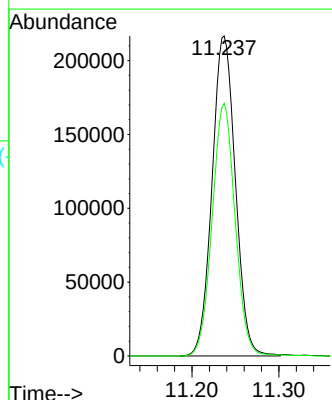
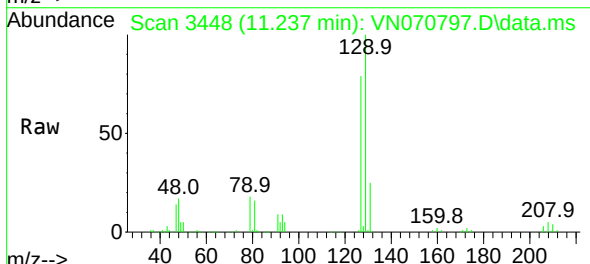
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

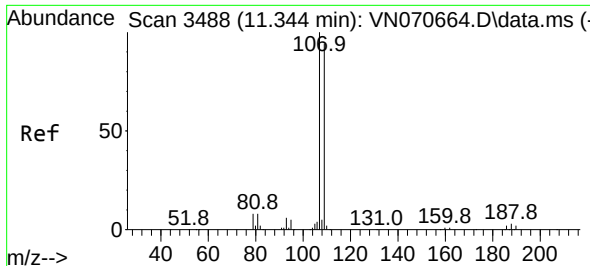
Tgt Ion: 43 Resp: 2705525  
Ion Ratio Lower Upper  
43 100  
58 51.2 26.9 80.7



#60  
Dibromochloromethane  
Concen: 50.058 ug/l  
RT: 11.237 min Scan# 3448  
Delta R.T. 0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

Tgt Ion: 129 Resp: 403613  
Ion Ratio Lower Upper  
129 100  
127 77.9 38.6 116.0

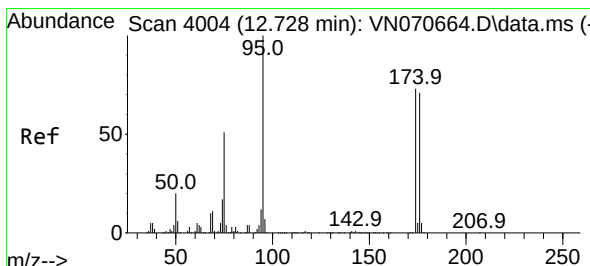
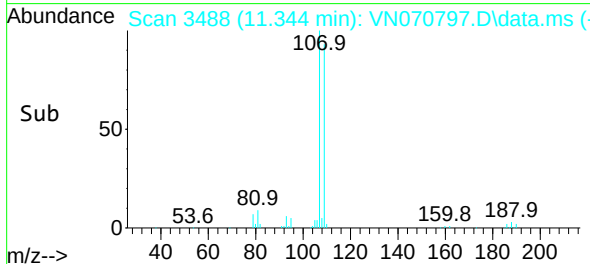
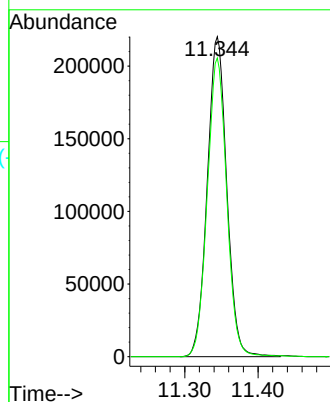
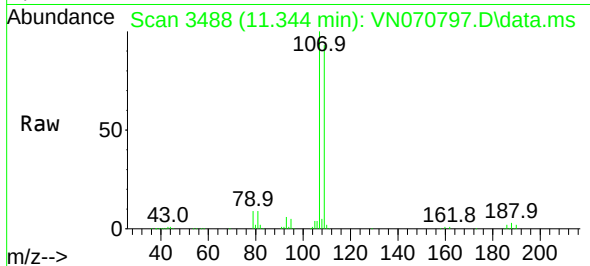




#61  
1,2-Dibromoethane  
Concen: 46.922 ug/l  
RT: 11.344 min Scan# 3488  
Delta R.T. 0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

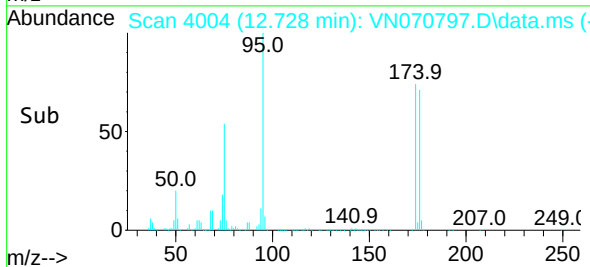
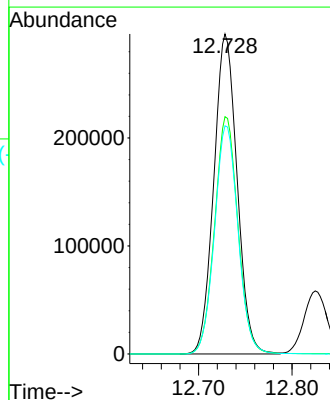
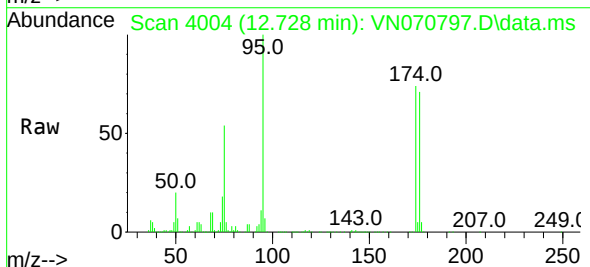
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

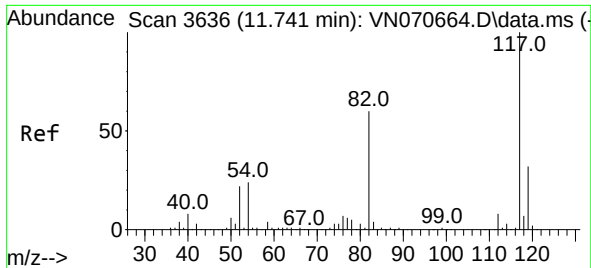
Tgt Ion:107 Resp: 407227  
Ion Ratio Lower Upper  
107 100  
109 93.1 75.7 113.5



#62  
4-Bromofluorobenzene  
Concen: 48.472 ug/l  
RT: 12.728 min Scan# 4004  
Delta R.T. 0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

Tgt Ion: 95 Resp: 513132  
Ion Ratio Lower Upper  
95 100  
174 74.5 0.0 187.2  
176 72.1 0.0 181.4

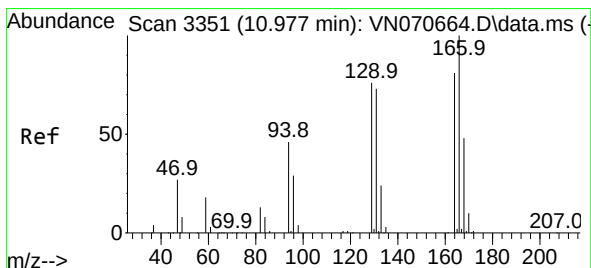
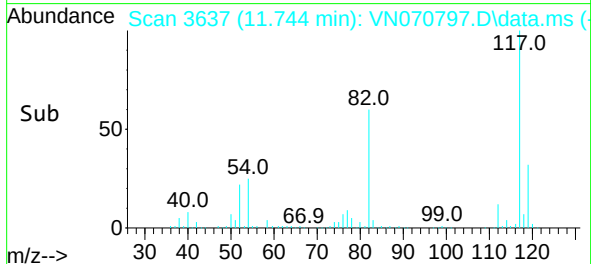
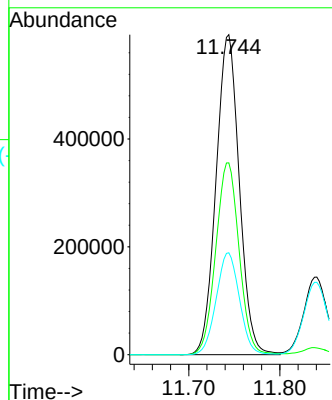
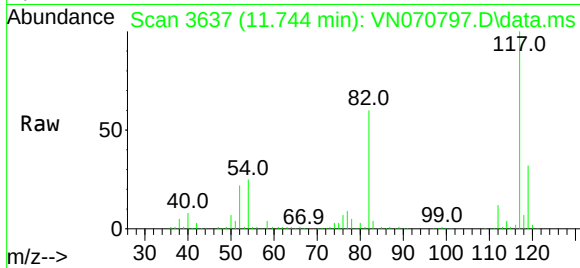




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.744 min Scan# 3637  
Delta R.T. 0.003 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

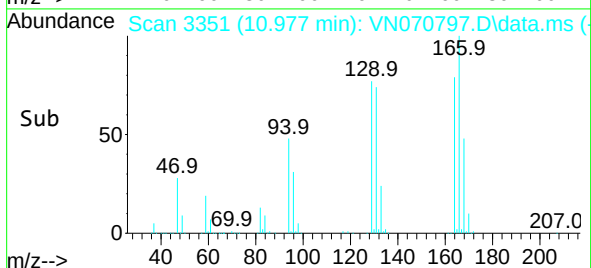
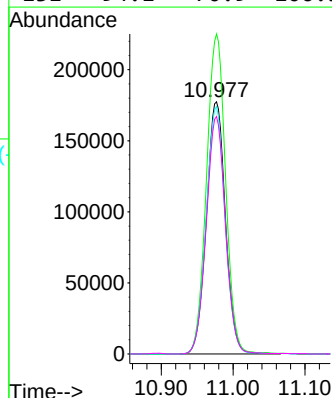
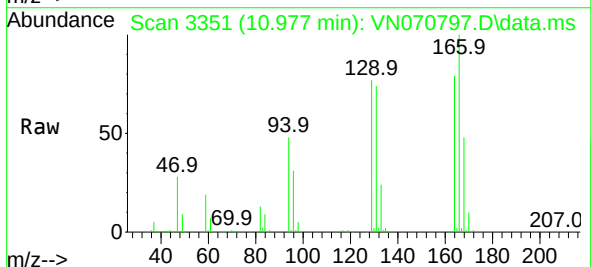
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

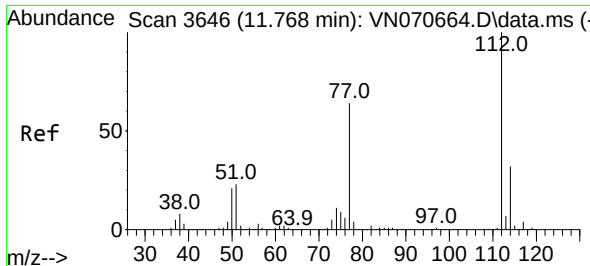
Tgt Ion:117 Resp: 1051060  
Ion Ratio Lower Upper  
117 100  
82 60.0 42.4 63.6  
119 31.9 25.4 38.2



#64  
Tetrachloroethene  
Concen: 42.536 ug/l  
RT: 10.977 min Scan# 3351  
Delta R.T. -0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

Tgt Ion:164 Resp: 327804  
Ion Ratio Lower Upper  
164 100  
166 126.9 101.9 152.9  
129 98.1 72.0 108.0  
131 94.1 70.9 106.3

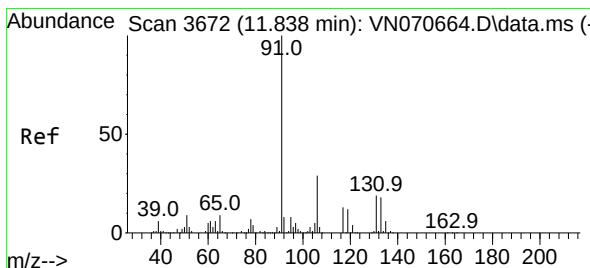
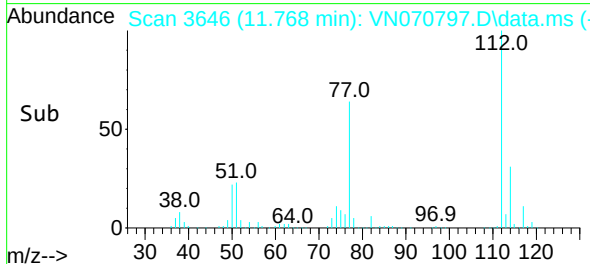
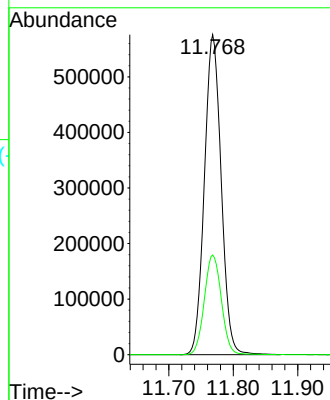
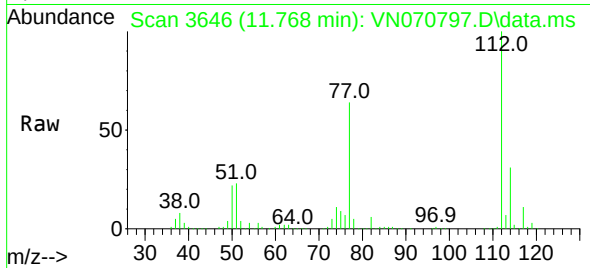




#65  
Chlorobenzene  
Concen: 45.728 ug/l  
RT: 11.768 min Scan# 3646  
Delta R.T. 0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

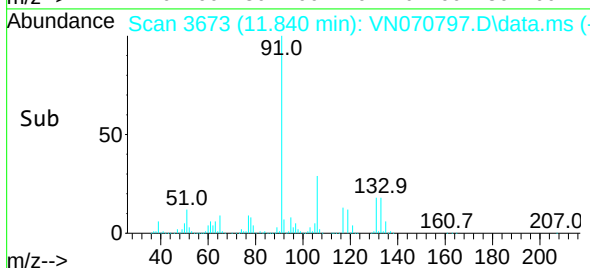
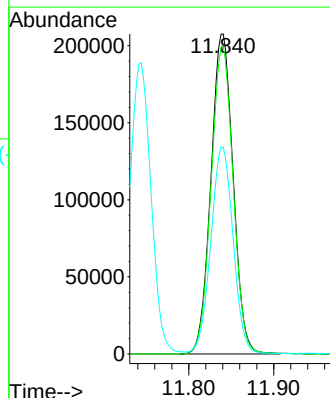
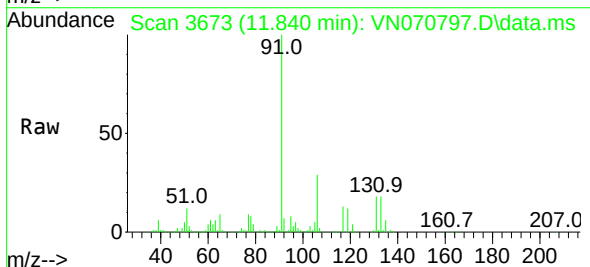
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

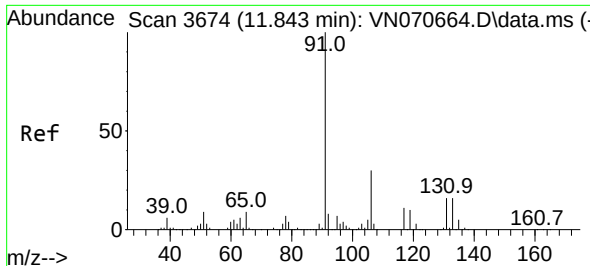
Tgt Ion:112 Resp: 1041340  
Ion Ratio Lower Upper  
112 100  
114 31.2 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 48.042 ug/l  
RT: 11.840 min Scan# 3673  
Delta R.T. 0.002 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

Tgt Ion:131 Resp: 376735  
Ion Ratio Lower Upper  
131 100  
133 95.6 47.9 143.7  
119 64.8 32.1 96.5

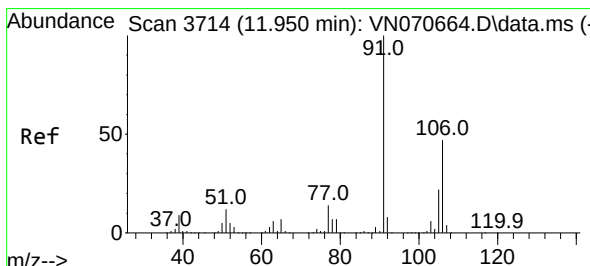
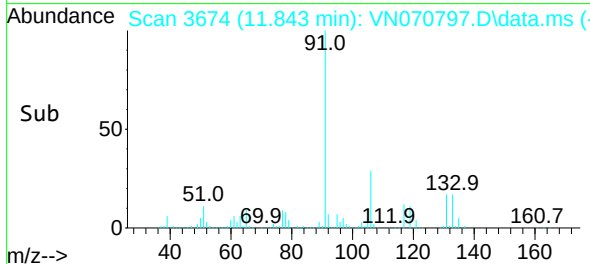
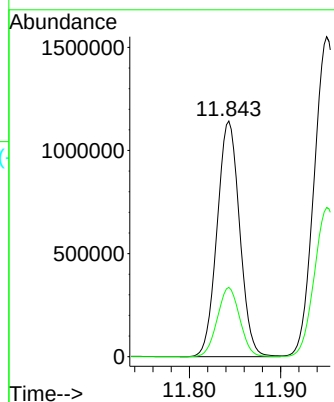
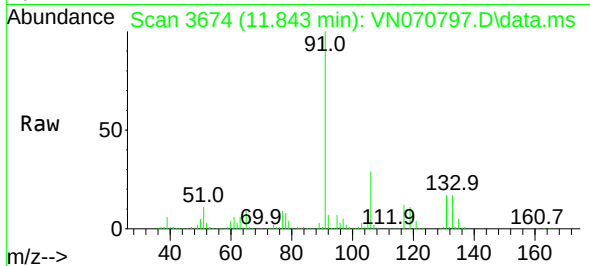




#67  
Ethyl Benzene  
Concen: 46.446 ug/l  
RT: 11.843 min Scan# 3674  
Delta R.T. 0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

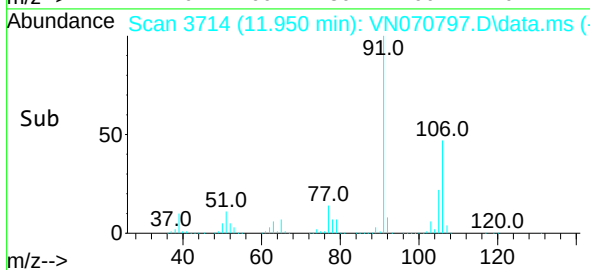
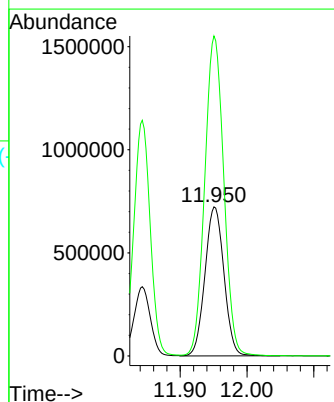
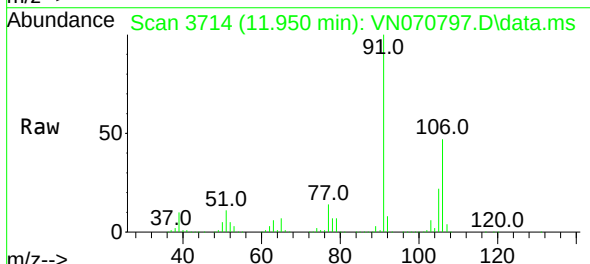
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

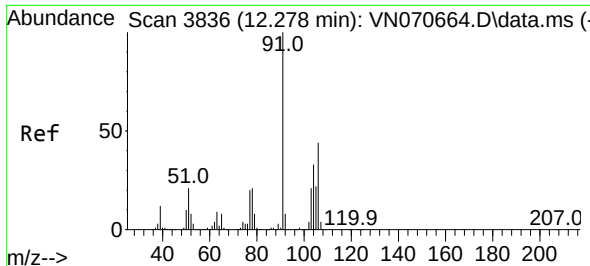
Tgt Ion: 91 Resp: 1960965  
Ion Ratio Lower Upper  
91 100  
106 29.4 25.7 38.5



#68  
m/p-Xylenes  
Concen: 92.909 ug/l  
RT: 11.950 min Scan# 3714  
Delta R.T. 0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

Tgt Ion:106 Resp: 1427020  
Ion Ratio Lower Upper  
106 100  
91 215.0 160.6 240.8

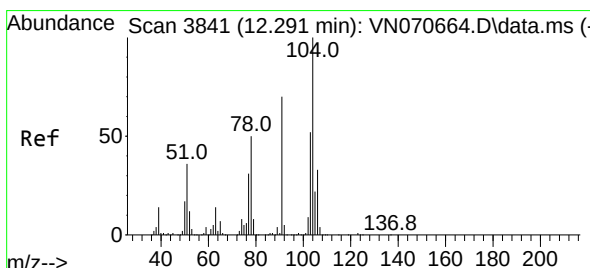
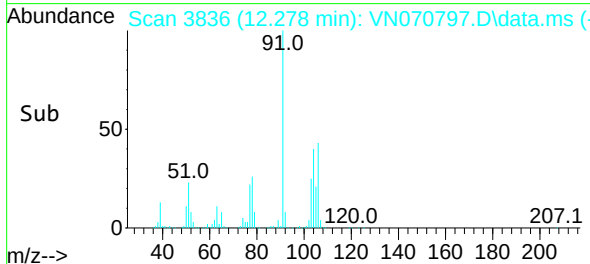
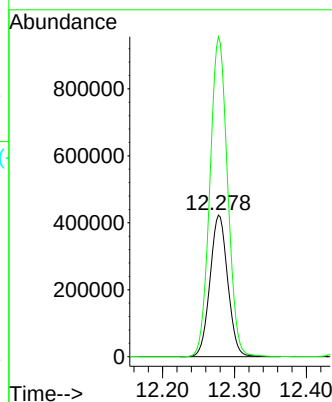
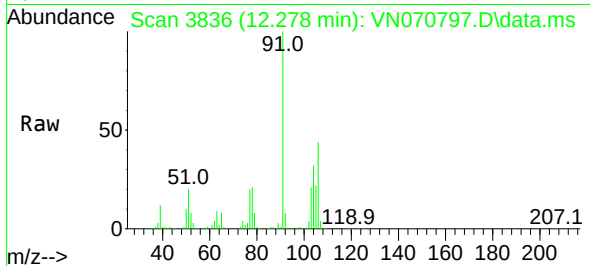




#69  
o-Xylene  
Concen: 47.436 ug/l  
RT: 12.278 min Scan# 3836  
Delta R.T. -0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

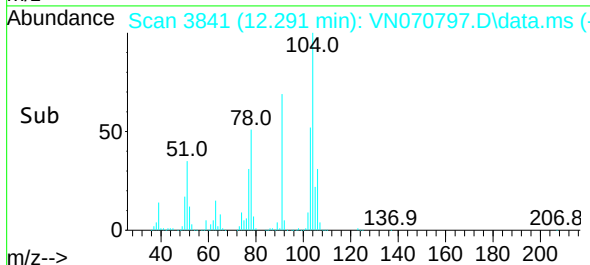
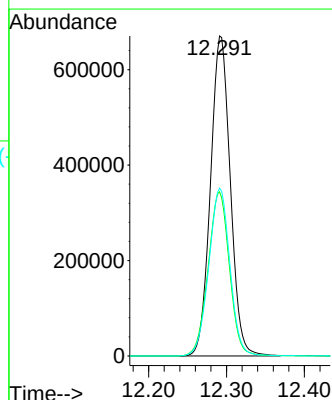
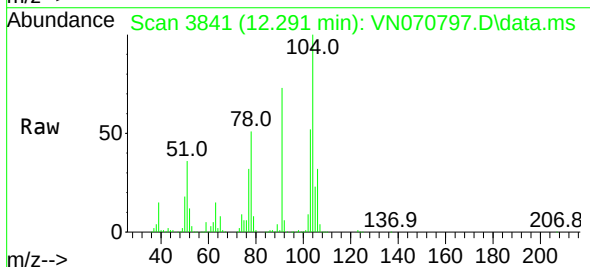
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

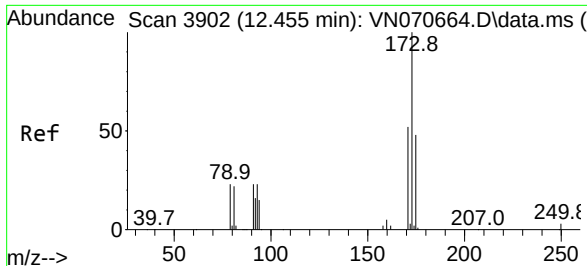
Tgt Ion:106 Resp: 723036  
Ion Ratio Lower Upper  
106 100  
91 226.5 105.8 317.3



#70  
Styrene  
Concen: 48.666 ug/l  
RT: 12.291 min Scan# 3841  
Delta R.T. 0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

Tgt Ion:104 Resp: 1186699  
Ion Ratio Lower Upper  
104 100  
78 55.1 38.7 58.1  
103 55.8 45.0 67.6

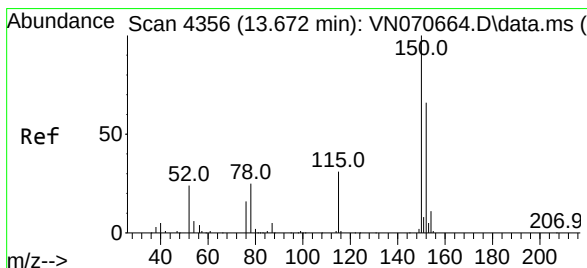
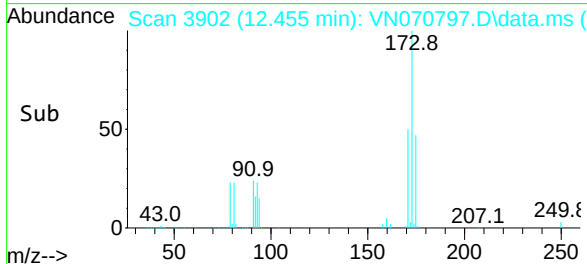
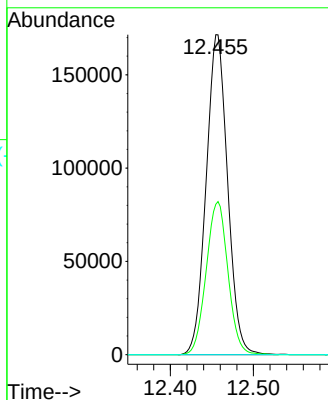
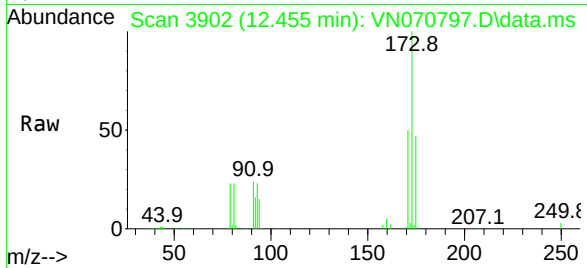




#71  
Bromoform  
Concen: 51.897 ug/l  
RT: 12.455 min Scan# 3902  
Delta R.T. -0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

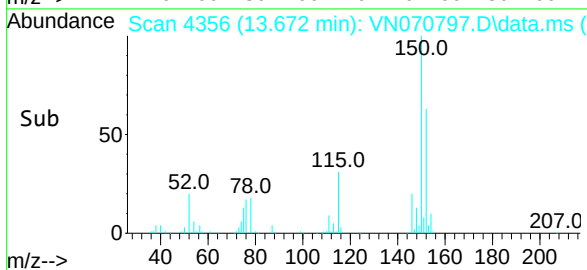
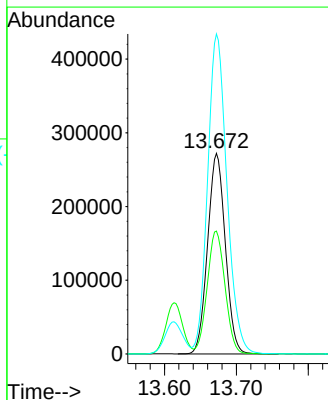
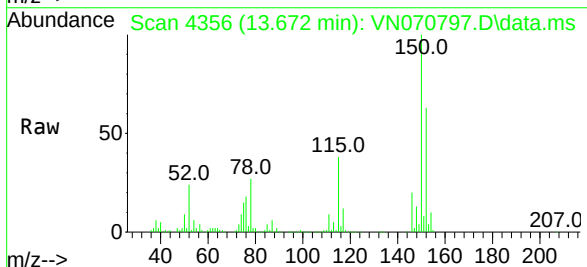
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:173 Resp: 307412  
Ion Ratio Lower Upper  
173 100  
175 48.6 24.2 72.6  
254 0.0 0.0 0.0

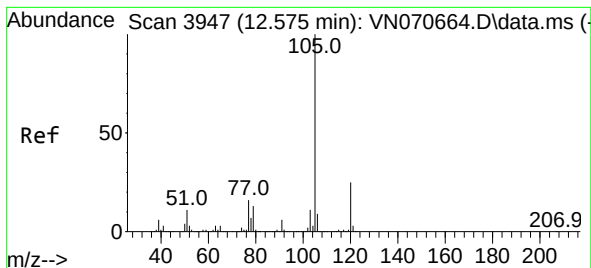


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.672 min Scan# 4356  
Delta R.T. 0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

Tgt Ion:152 Resp: 467287  
Ion Ratio Lower Upper  
152 100  
115 61.4 27.5 82.5  
150 173.1 0.0 344.4







#73

Isopropylbenzene

Concen: 42.355 ug/l

RT: 12.575 min Scan# 3947

Delta R.T. 0.000 min

Lab File: VN070797.D

Acq: 26 Jan 2022 18:20

Instrument :

MSVOA\_N

ClientSampleId :

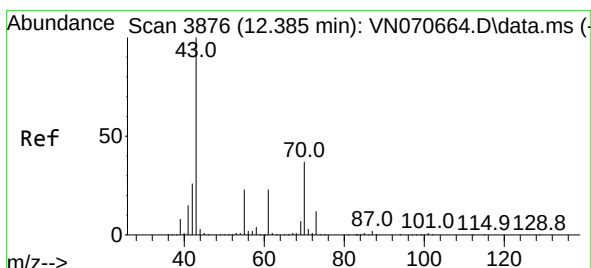
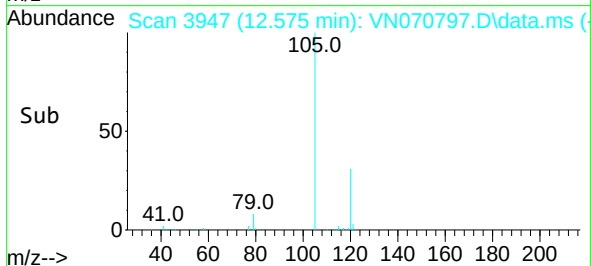
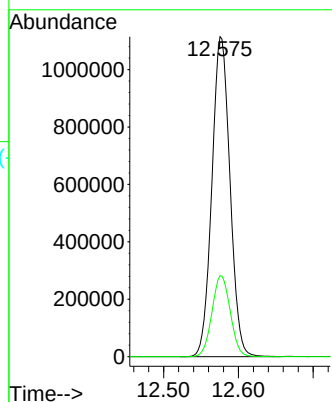
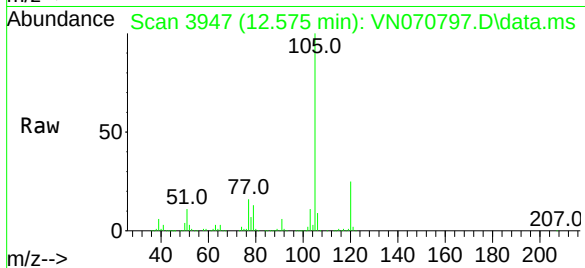
VSTDCCC050EC

Tgt Ion:105 Resp: 1872427

Ion Ratio Lower Upper

105 100

120 25.6 13.4 40.1



#74

N-ethyl acetate

Concen: 44.915 ug/l

RT: 12.385 min Scan# 3876

Delta R.T. -0.000 min

Lab File: VN070797.D

Acq: 26 Jan 2022 18:20

Tgt Ion: 43 Resp: 811832

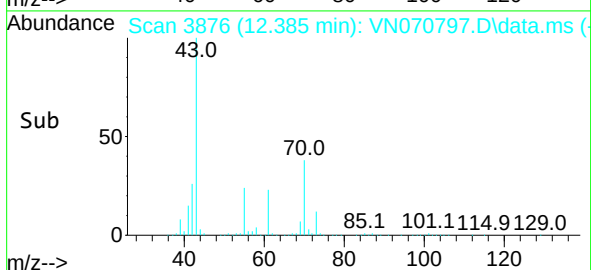
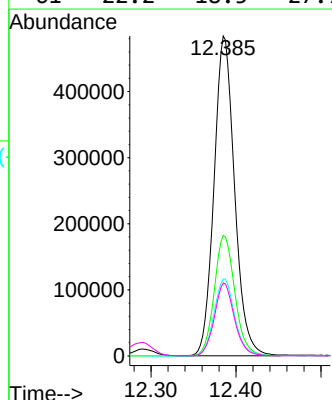
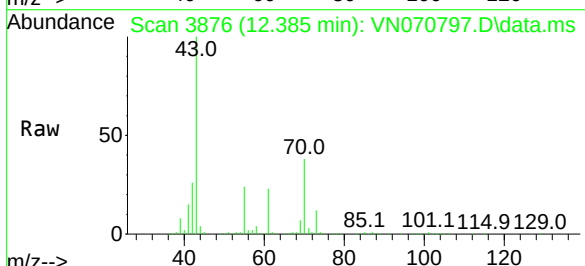
Ion Ratio Lower Upper

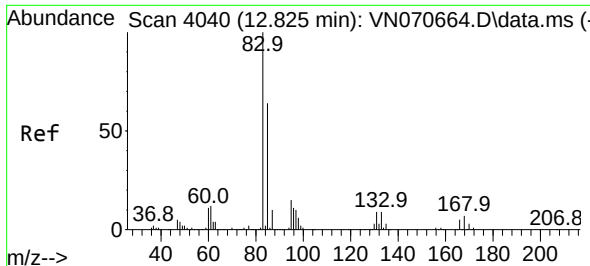
43 100

70 37.8 33.4 50.0

55 24.5 19.3 28.9

61 22.2 18.5 27.7

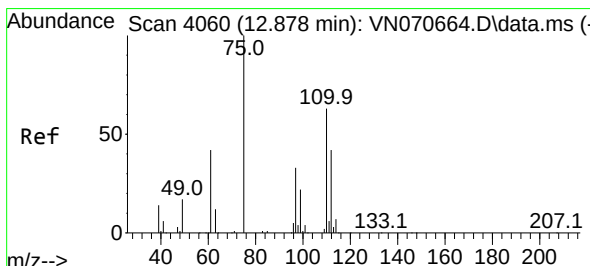
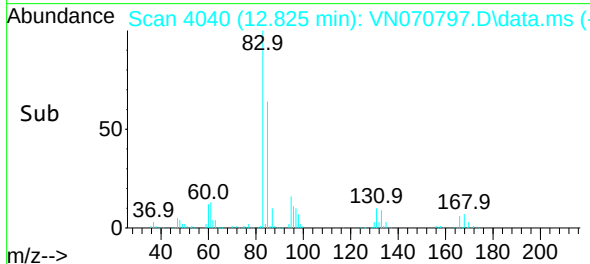
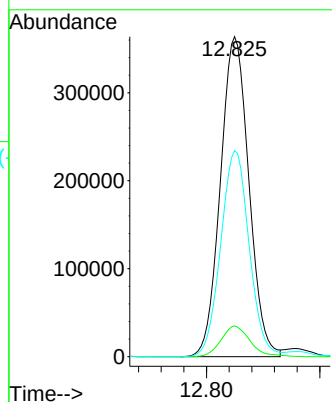
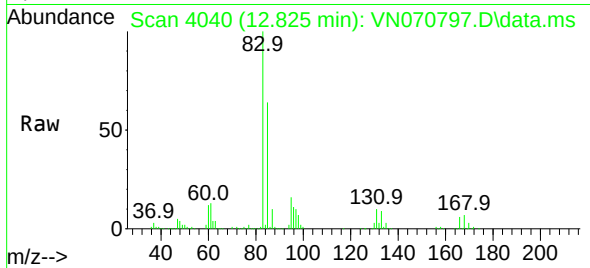




#75  
1,1,2,2-Tetrachloroethane  
Concen: 42.498 ug/l  
RT: 12.825 min Scan# 4040  
Delta R.T. -0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

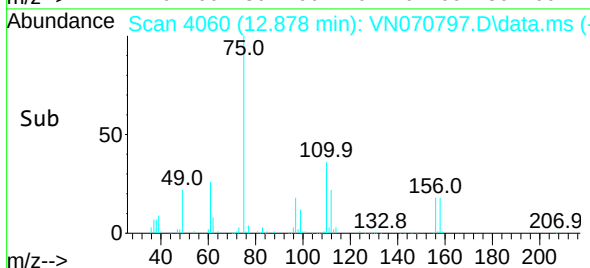
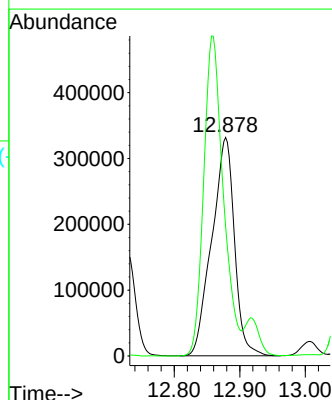
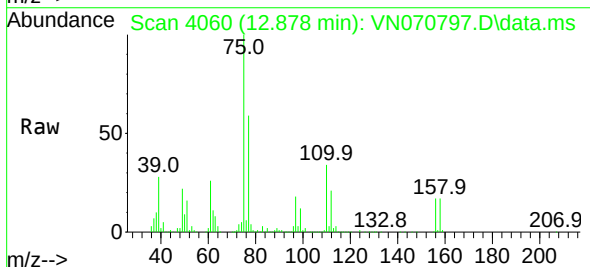
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

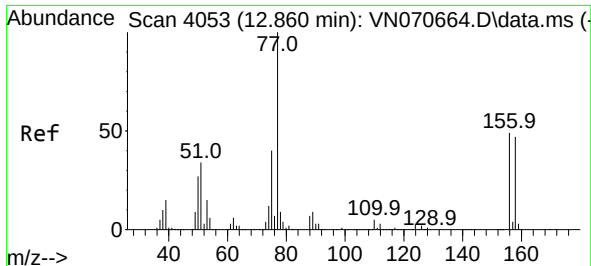
Tgt Ion: 83 Resp: 634487  
Ion Ratio Lower Upper  
83 100  
131 9.8 5.5 16.5  
85 64.3 32.4 97.2



#76  
1,2,3-Trichloropropane  
Concen: 64.202 ug/l  
RT: 12.878 min Scan# 4060  
Delta R.T. 0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

Tgt Ion: 75 Resp: 795694  
Ion Ratio Lower Upper  
75 100  
77 0.0 82.6 247.8#

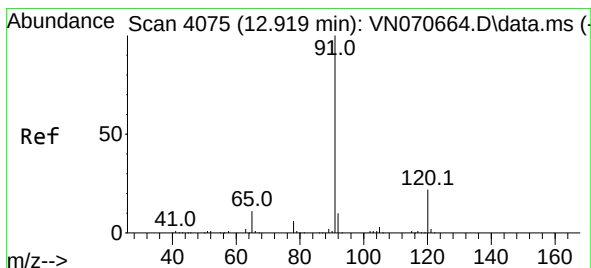
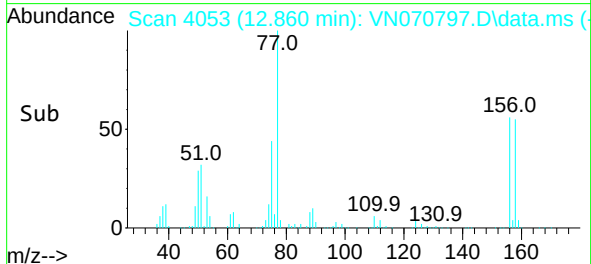
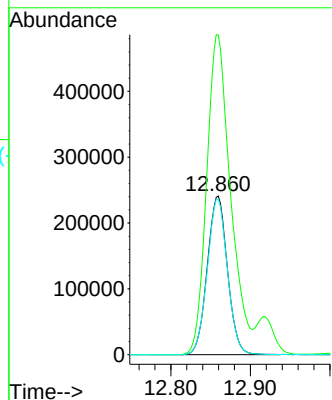
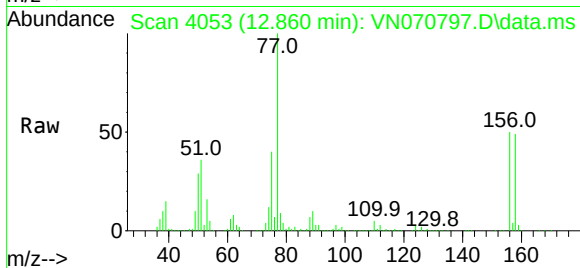




#77  
Bromobenzene  
Concen: 42.899 ug/l  
RT: 12.860 min Scan# 4053  
Delta R.T. -0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

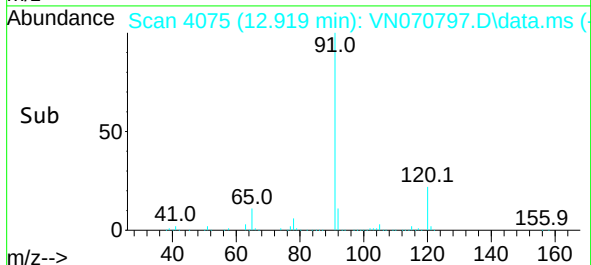
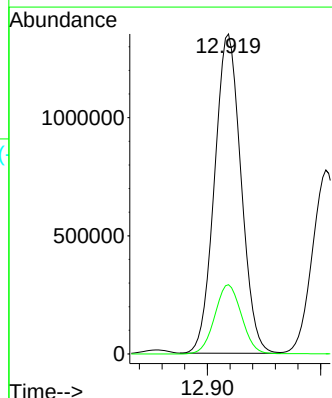
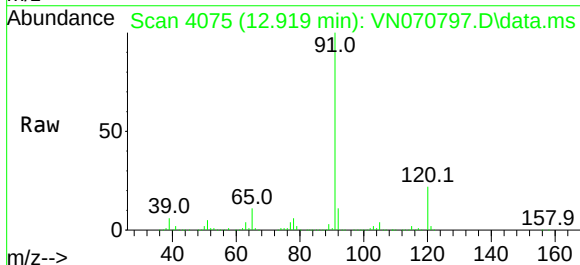
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

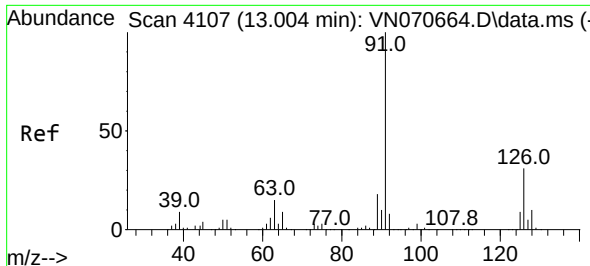
Tgt Ion:156 Resp: 425199  
Ion Ratio Lower Upper  
156 100  
77 237.5 90.6 271.8  
158 98.3 48.9 146.7



#78  
n-propylbenzene  
Concen: 44.418 ug/l  
RT: 12.919 min Scan# 4075  
Delta R.T. -0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

Tgt Ion: 91 Resp: 2196000  
Ion Ratio Lower Upper  
91 100  
120 21.9 11.9 35.9

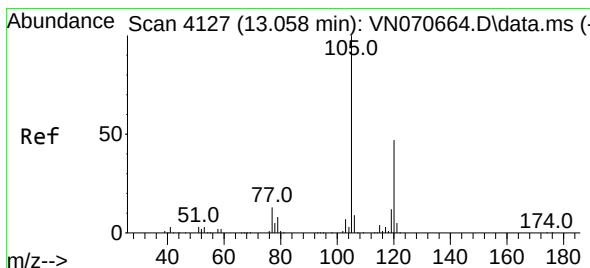
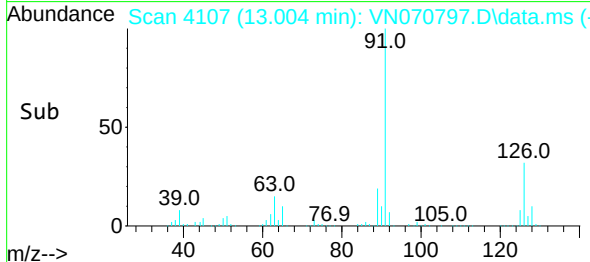
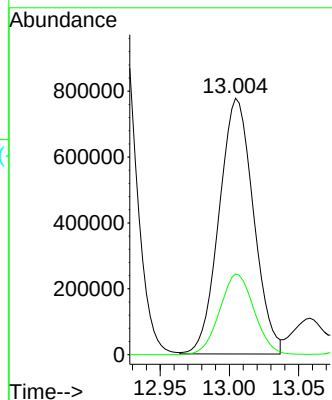
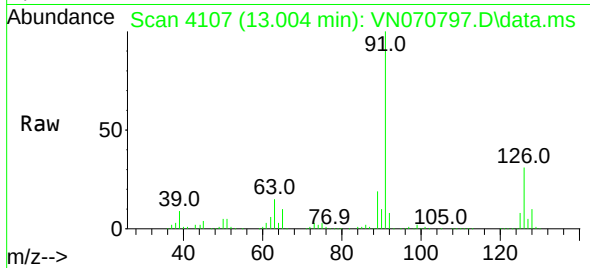




#79  
2-Chlorotoluene  
Concen: 42.886 ug/l  
RT: 13.004 min Scan# 4107  
Delta R.T. 0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

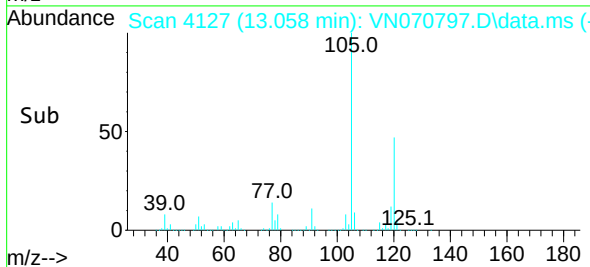
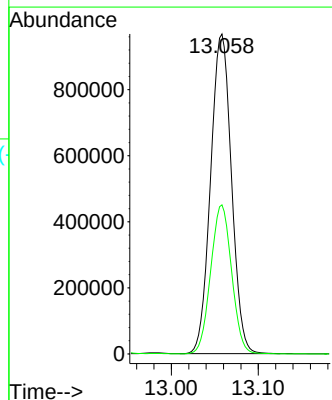
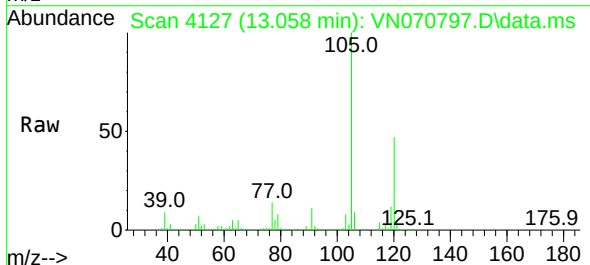
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

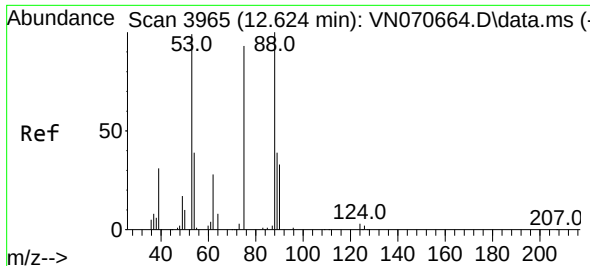
Tgt Ion: 91 Resp: 1341249  
Ion Ratio Lower Upper  
91 100  
126 31.7 18.3 54.8



#80  
1,3,5-Trimethylbenzene  
Concen: 45.187 ug/l  
RT: 13.058 min Scan# 4127  
Delta R.T. 0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

Tgt Ion: 105 Resp: 1615412  
Ion Ratio Lower Upper  
105 100  
120 46.8 24.6 73.6

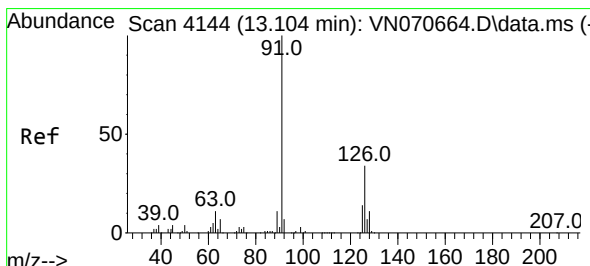
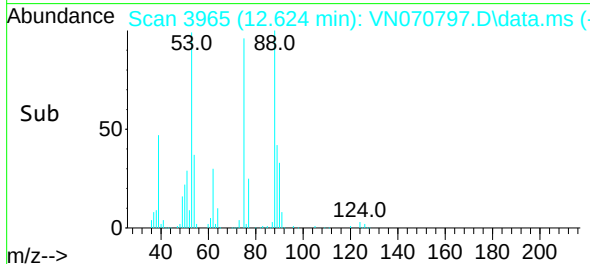
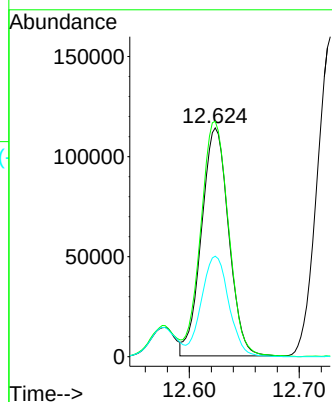
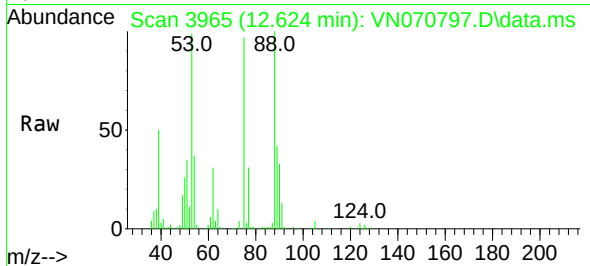




#81  
trans-1,4-Dichloro-2-butene  
Concen: 47.094 ug/l  
RT: 12.624 min Scan# 3965  
Delta R.T. -0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

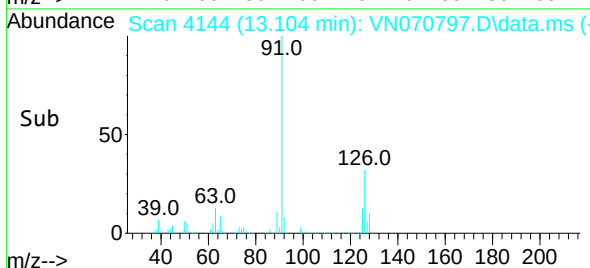
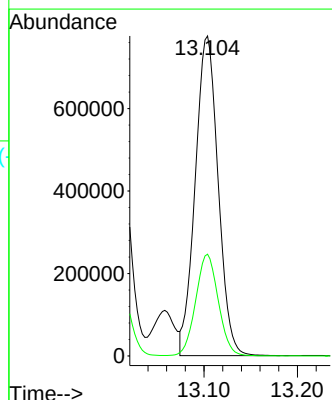
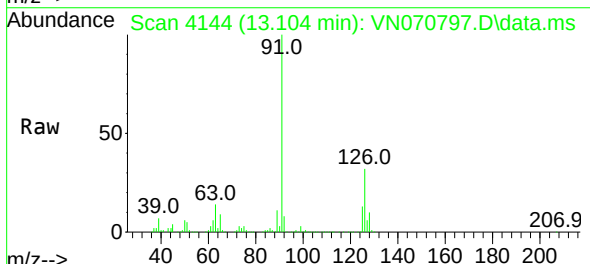
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

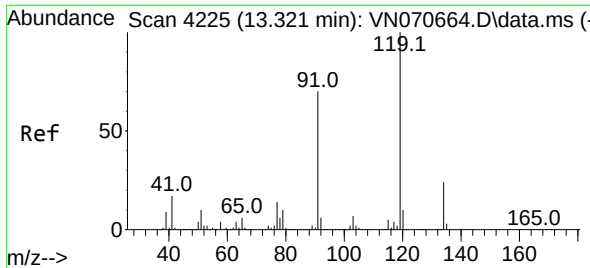
Tgt Ion: 75 Resp: 195918  
Ion Ratio Lower Upper  
75 100  
53 106.1 90.5 135.7  
89 44.4 38.2 57.4



#82  
4-Chlorotoluene  
Concen: 45.089 ug/l  
RT: 13.104 min Scan# 4144  
Delta R.T. -0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

Tgt Ion: 91 Resp: 1317506  
Ion Ratio Lower Upper  
91 100  
126 31.4 18.2 54.6

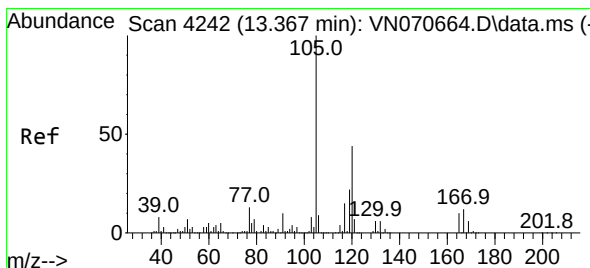
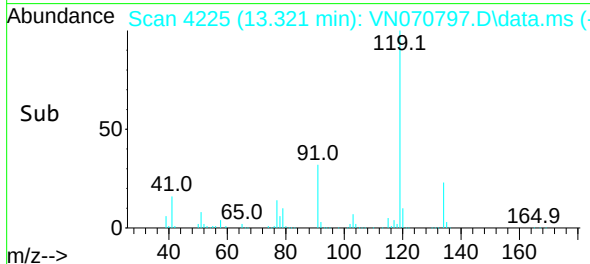
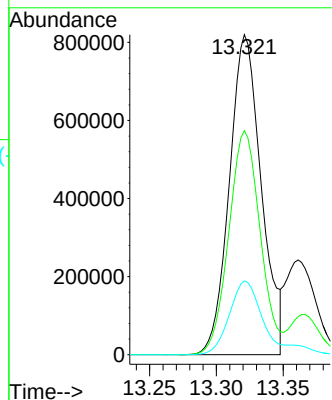
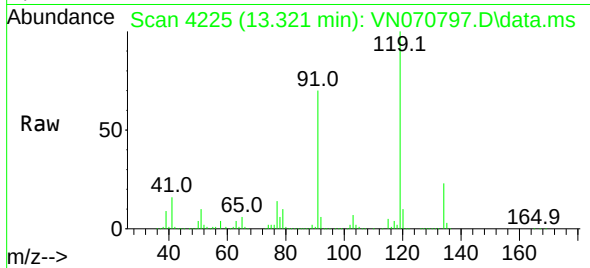




#83  
tert-Butylbenzene  
Concen: 43.893 ug/l  
RT: 13.321 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

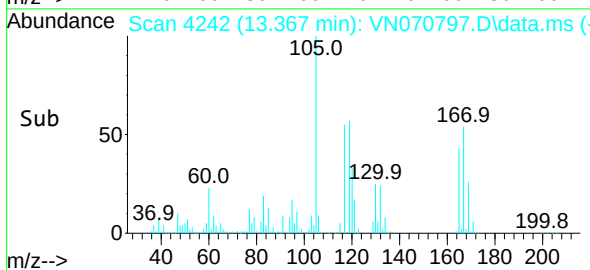
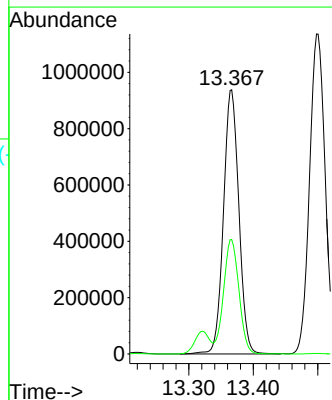
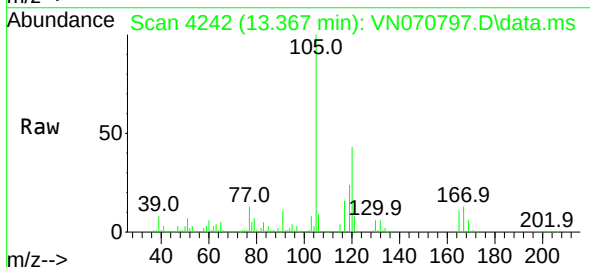
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

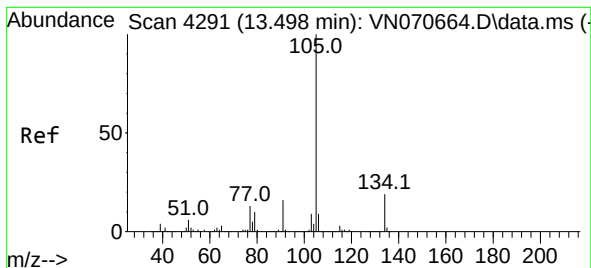
Tgt Ion:119 Resp: 1365927  
Ion Ratio Lower Upper  
119 100  
91 69.3 31.5 94.5  
134 25.4 12.4 37.4



#84  
1,2,4-Trimethylbenzene  
Concen: 45.251 ug/l  
RT: 13.367 min Scan# 4242  
Delta R.T. -0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

Tgt Ion:105 Resp: 1554975  
Ion Ratio Lower Upper  
105 100  
120 43.5 22.8 68.4





#85

sec-Butylbenzene

Concen: 45.088 ug/l

RT: 13.498 min Scan# 4291

Delta R.T. -0.000 min

Lab File: VN070797.D

Acq: 26 Jan 2022 18:20

Instrument :

MSVOA\_N

ClientSampleId :

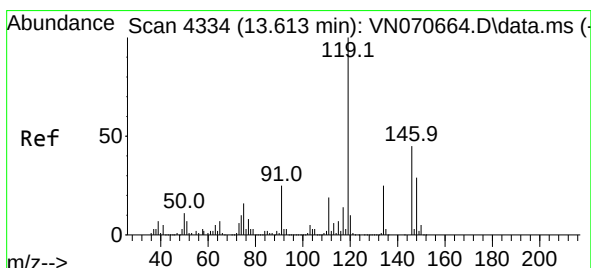
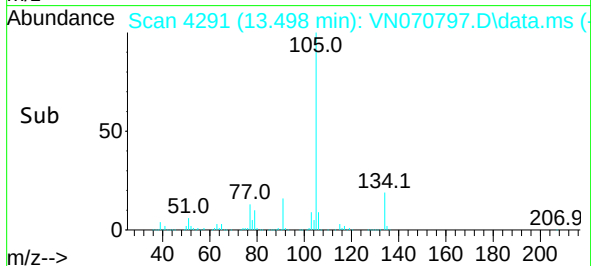
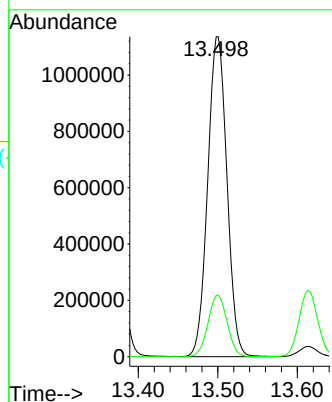
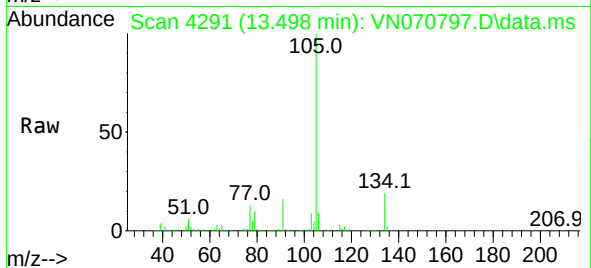
VSTDCCC050EC

Tgt Ion:105 Resp: 1907524

Ion Ratio Lower Upper

105 100

134 19.2 10.4 31.1



#86

p-Isopropyltoluene

Concen: 45.776 ug/l

RT: 13.613 min Scan# 4334

Delta R.T. 0.000 min

Lab File: VN070797.D

Acq: 26 Jan 2022 18:20

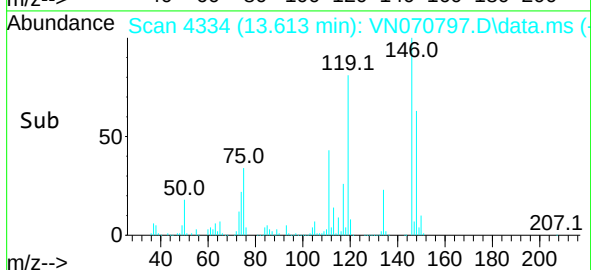
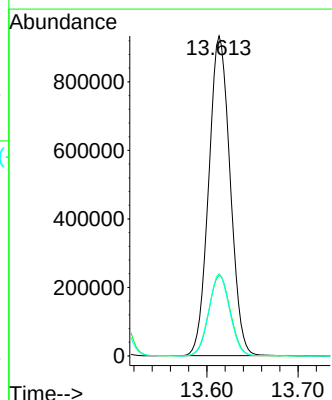
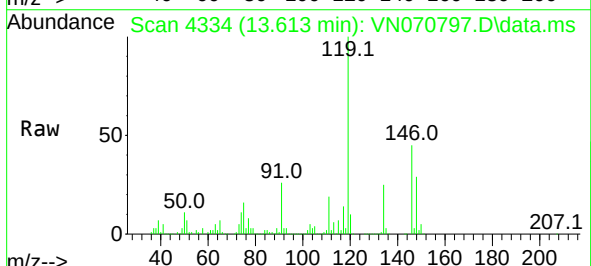
Tgt Ion:119 Resp: 1521334

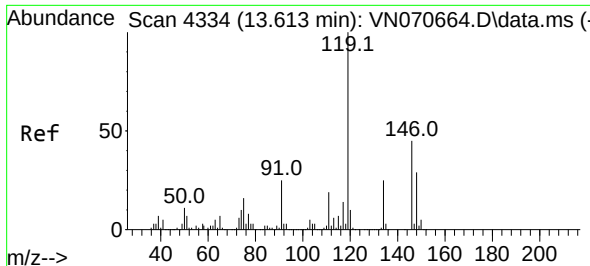
Ion Ratio Lower Upper

119 100

134 25.4 13.6 40.7

91 25.1 11.4 34.1

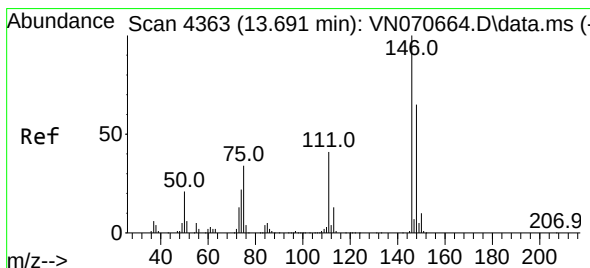
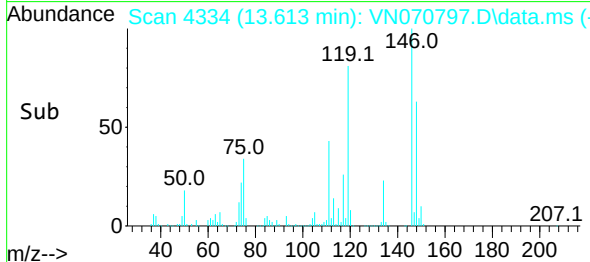
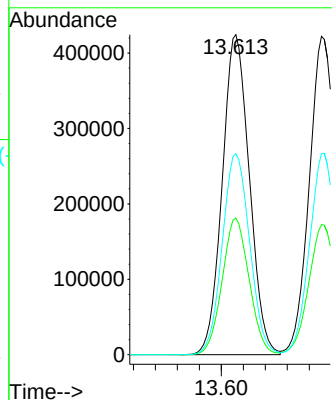
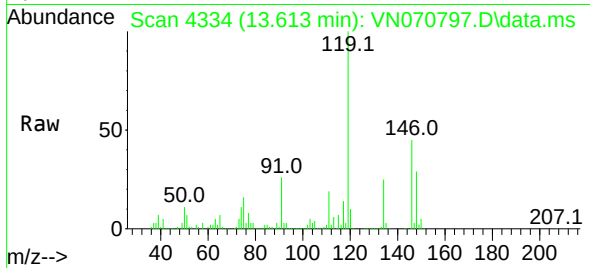




#87  
1,3-Dichlorobenzene  
Concen: 44.108 ug/l  
RT: 13.613 min Scan# 4334  
Delta R.T. 0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

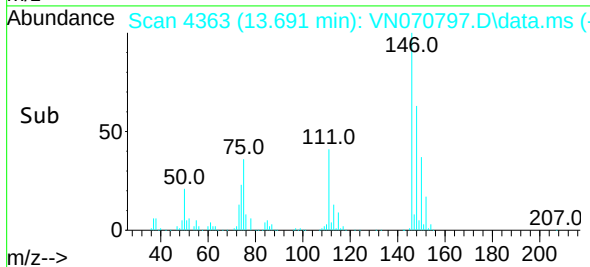
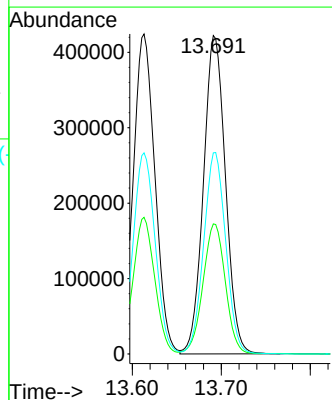
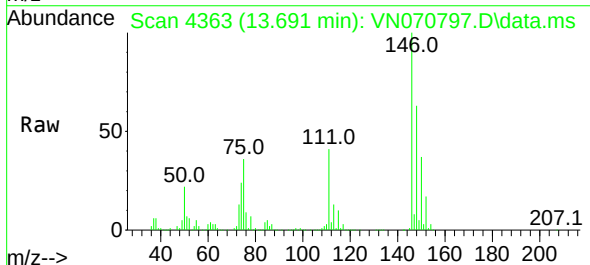
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:146 Resp: 727247  
Ion Ratio Lower Upper  
146 100  
111 42.4 18.6 55.6  
148 63.7 31.6 95.0

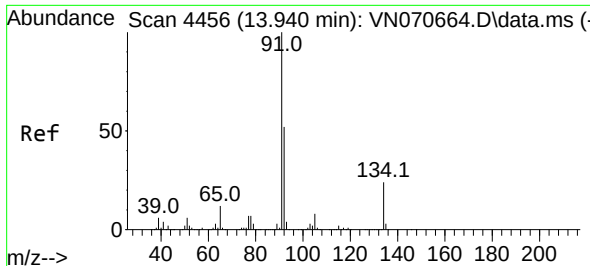


#88  
1,4-Dichlorobenzene  
Concen: 44.200 ug/l  
RT: 13.691 min Scan# 4363  
Delta R.T. 0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

Tgt Ion:146 Resp: 725266  
Ion Ratio Lower Upper  
146 100  
111 41.3 18.3 54.8  
148 63.8 31.8 95.4



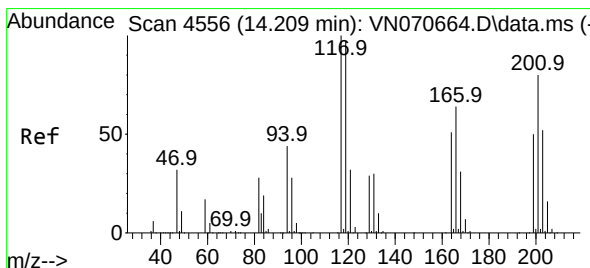
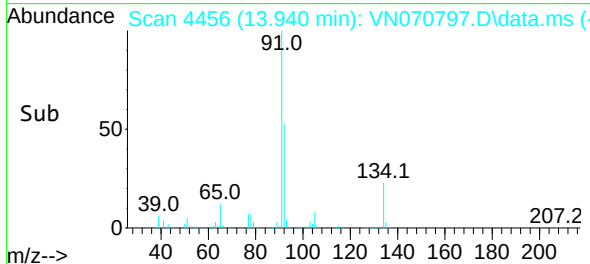
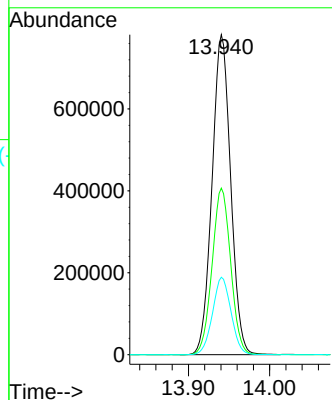
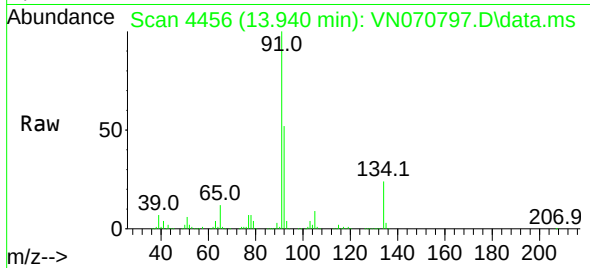




#89  
n-Butylbenzene  
Concen: 45.386 ug/l  
RT: 13.940 min Scan# 4456  
Delta R.T. 0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

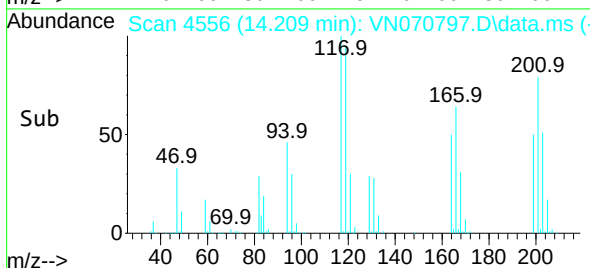
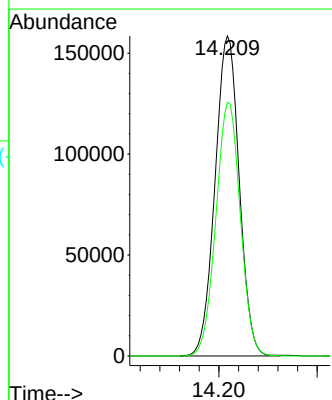
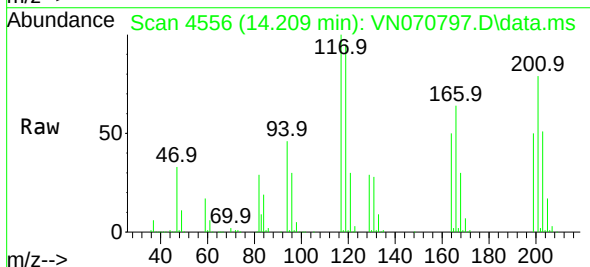
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ClientSampleId :  
VSTDCCC050EC

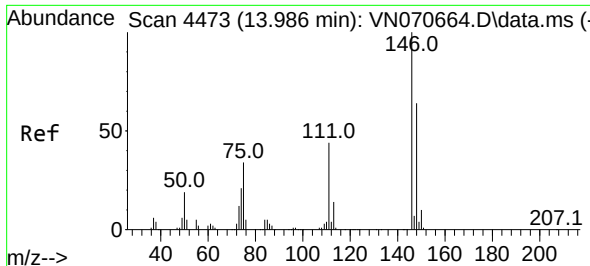
Tgt Ion: 91 Resp: 1244375  
Ion Ratio Lower Upper  
91 100  
92 52.0 25.4 76.0  
134 24.1 13.6 40.8



#90  
Hexachloroethane  
Concen: 46.638 ug/l  
RT: 14.209 min Scan# 4556  
Delta R.T. -0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

Tgt Ion: 117 Resp: 270942  
Ion Ratio Lower Upper  
117 100  
201 80.1 43.9 131.6

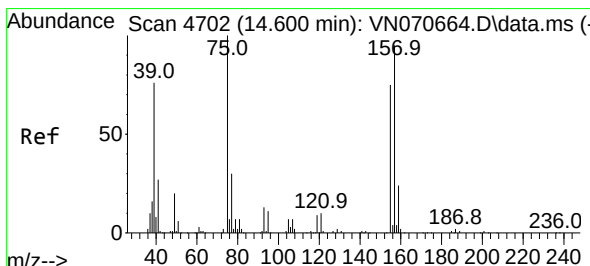
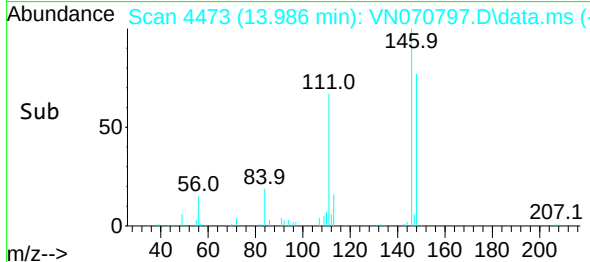
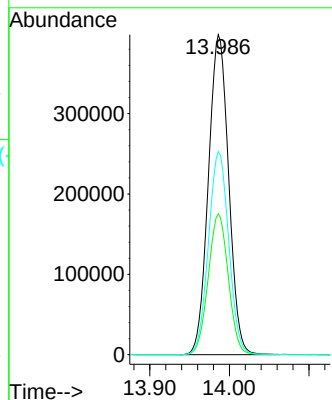
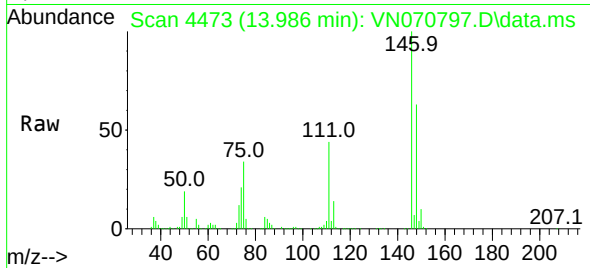




#91  
1,2-Dichlorobenzene  
Concen: 43.279 ug/l  
RT: 13.986 min Scan# 4473  
Delta R.T. 0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

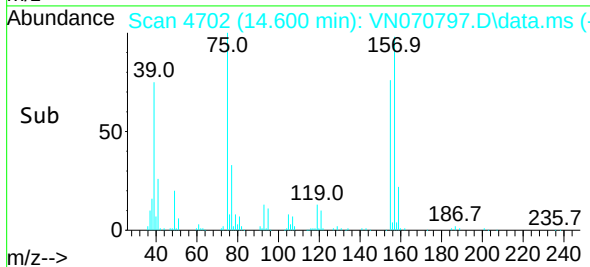
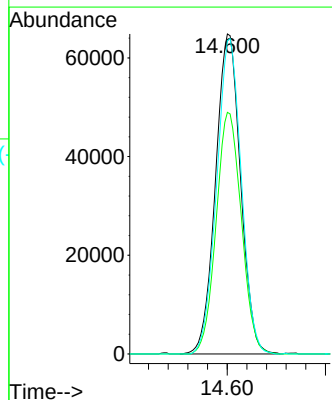
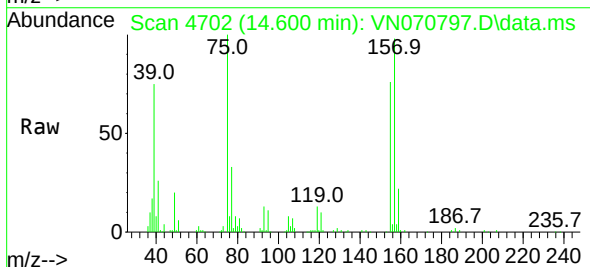
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

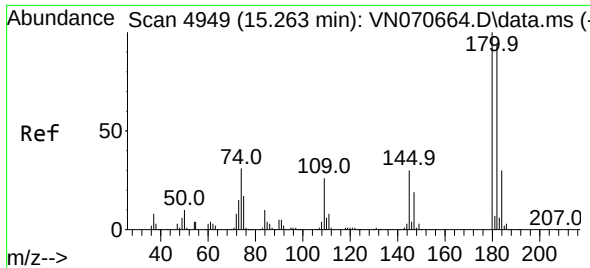
Tgt Ion:146 Resp: 705029  
Ion Ratio Lower Upper  
146 100  
111 43.6 19.1 57.3  
148 63.7 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 45.233 ug/l  
RT: 14.600 min Scan# 4702  
Delta R.T. 0.000 min  
Lab File: VN070797.D  
Acq: 26 Jan 2022 18:20

Tgt Ion: 75 Resp: 114554  
Ion Ratio Lower Upper  
75 100  
155 76.0 46.9 140.7  
157 96.8 60.6 181.7

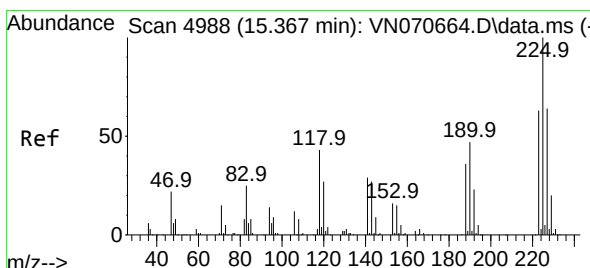
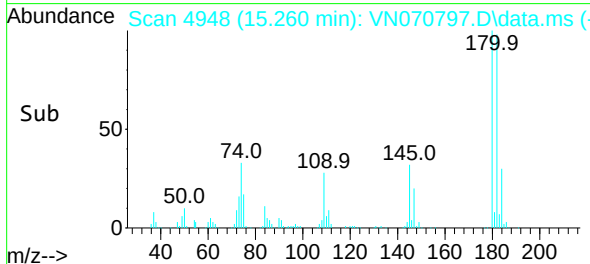
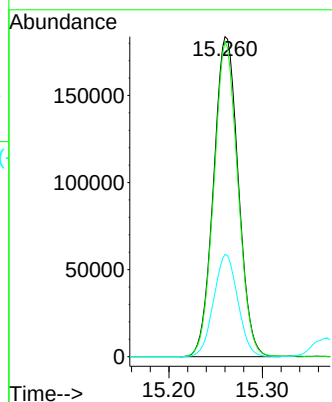
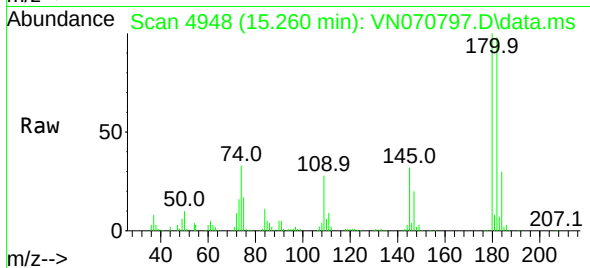




#93  
 1,2,4-Trichlorobenzene  
 Concen: 39.918 ug/l  
 RT: 15.260 min Scan# 4949  
 Delta R.T. -0.003 min  
 Lab File: VN070797.D  
 Acq: 26 Jan 2022 18:20

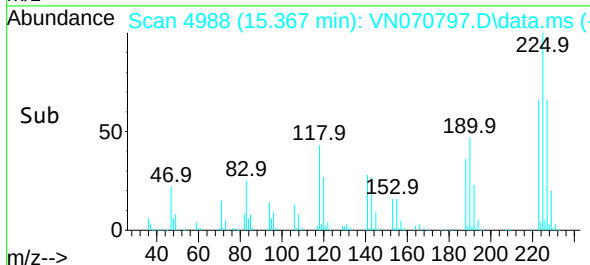
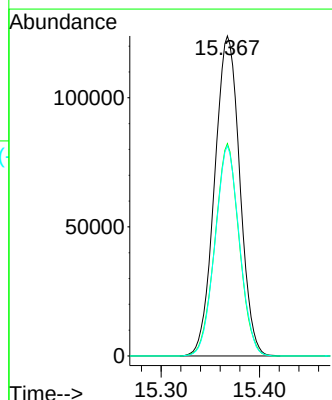
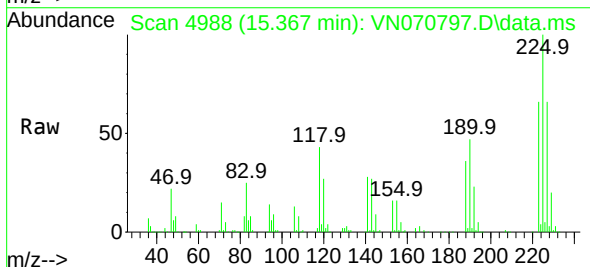
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 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

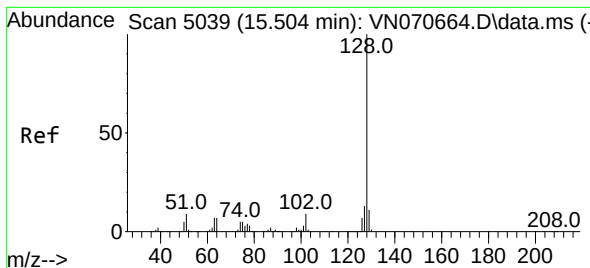
Tgt Ion:180 Resp: 338214  
 Ion Ratio Lower Upper  
 180 100  
 182 95.8 48.3 144.9  
 145 31.2 14.5 43.5



#94  
 Hexachlorobutadiene  
 Concen: 45.825 ug/l  
 RT: 15.367 min Scan# 4988  
 Delta R.T. 0.000 min  
 Lab File: VN070797.D  
 Acq: 26 Jan 2022 18:20

Tgt Ion:225 Resp: 221091  
 Ion Ratio Lower Upper  
 225 100  
 223 63.9 31.9 95.7  
 227 63.6 32.1 96.3





#95

Naphthalene

Concen: 38.011 ug/l

RT: 15.504 min Scan# 5039

Delta R.T. 0.000 min

Lab File: VN070797.D

Acq: 26 Jan 2022 18:20

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

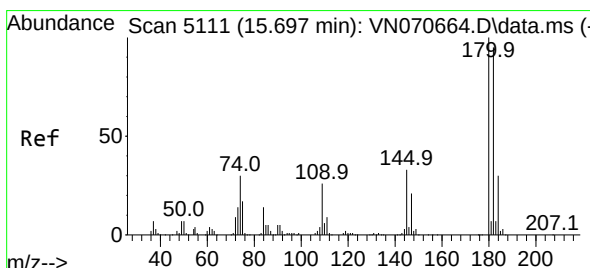
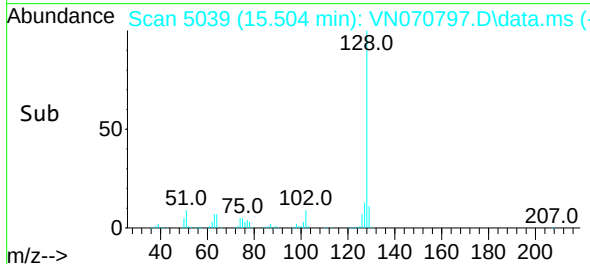
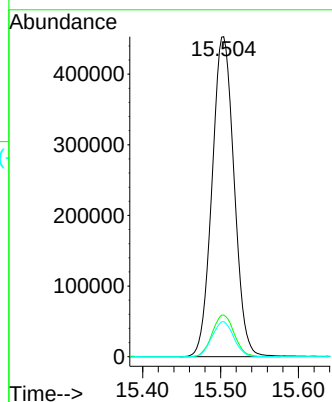
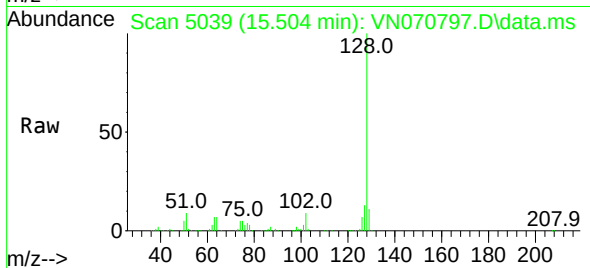
Tgt Ion:128 Resp: 889138

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 40.583 ug/l

RT: 15.697 min Scan# 5111

Delta R.T. 0.000 min

Lab File: VN070797.D

Acq: 26 Jan 2022 18:20

Tgt Ion:180 Resp: 329569

Ion Ratio Lower Upper

180 100

182 94.8 47.4 142.2

145 32.9 15.0 45.1

