

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN030222\  
 Data File : VN071134.D  
 Acq On : 02 Mar 2022 10:18  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Mar 03 03:36:21 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021522W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 21 07:57:15 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 8.081  | 168   | 616327   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.963  | 114   | 981066   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.739 | 117   | 900350   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.669 | 152   | 371521   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.434  | 65    | 389802   | 55.366   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 61 - 141 | Recovery | =      | 110.740% |
| 35) Dibromofluoromethane     | 8.016  | 113   | 304153   | 52.122   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 69 - 133 | Recovery | =      | 104.240% |
| 50) Toluene-d8               | 10.439 | 98    | 1210725  | 51.664   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 65 - 126 | Recovery | =      | 103.320% |
| 62) 4-Bromofluorobenzene     | 12.727 | 95    | 425453   | 50.791   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 135 | Recovery | =      | 101.580% |
| Target Compounds             |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.069  | 85    | 296483   | 46.315   | ug/l   | 99       |
| 3) Chloromethane             | 2.299  | 50    | 391488   | 48.655   | ug/l   | 97       |
| 4) Vinyl Chloride            | 2.446  | 62    | 370096   | 45.949   | ug/l   | 99       |
| 5) Bromomethane              | 2.822  | 94    | 185603   | 40.564   | ug/l   | 97       |
| 6) Chloroethane              | 2.999  | 64    | 249314   | 47.181   | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 3.369  | 101   | 509208   | 50.447   | ug/l   | 95       |
| 8) Diethyl Ether             | 3.822  | 74    | 224108   | 51.072   | ug/l   | 94       |
| 9) 1,1,2-Trichlorotrifluo... | 4.210  | 101   | 305965   | 49.404   | ug/l   | 95       |
| 10) Methyl Iodide            | 4.422  | 142   | 401273   | 46.784   | ug/l   | 99       |
| 11) Tert butyl alcohol       | 5.363  | 59    | 380005   | 296.168  | ug/l   | 98       |
| 12) 1,1-Dichloroethene       | 4.181  | 96    | 283203   | 46.936   | ug/l   | 94       |
| 13) Acrolein                 | 4.040  | 56    | 339670   | 296.261  | ug/l   | 100      |
| 14) Allyl chloride           | 4.840  | 41    | 618995   | 53.790   | ug/l # | 85       |
| 15) Acrylonitrile            | 5.546  | 53    | 1145599  | 303.121  | ug/l   | 99       |
| 16) Acetone                  | 4.281  | 43    | 1005668  | 259.372  | ug/l   | 96       |
| 17) Carbon Disulfide         | 4.528  | 76    | 686135   | 39.654   | ug/l   | 98       |
| 18) Methyl Acetate           | 4.846  | 43    | 523409   | 61.794   | ug/l   | 95       |
| 19) Methyl tert-butyl Ether  | 5.604  | 73    | 1158803  | 54.749   | ug/l   | 95       |
| 20) Methylene Chloride       | 5.093  | 84    | 357030   | 50.667   | ug/l   | 90       |
| 21) trans-1,2-Dichloroethene | 5.593  | 96    | 308973   | 47.709   | ug/l   | 92       |
| 22) Diisopropyl ether        | 6.493  | 45    | 1314035  | 59.537   | ug/l   | 91       |
| 23) Vinyl Acetate            | 6.428  | 43    | 5578006  | 298.559  | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 6.381  | 63    | 662097   | 53.514   | ug/l   | 99       |
| 25) 2-Butanone               | 7.328  | 43    | 1562883  | 303.005  | ug/l   | 96       |
| 26) 2,2-Dichloropropane      | 7.322  | 77    | 540174   | 52.532   | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 7.322  | 96    | 384434   | 51.648   | ug/l   | 91       |
| 28) Bromochloromethane       | 7.651  | 49    | 268534   | 53.625   | ug/l   | 83       |
| 29) Tetrahydrofuran          | 7.675  | 42    | 1045259  | 312.820  | ug/l   | 92       |
| 30) Chloroform               | 7.810  | 83    | 636372   | 52.296   | ug/l   | 99       |
| 31) Cyclohexane              | 8.092  | 56    | 614429   | 50.462   | ug/l   | 91       |
| 32) 1,1,1-Trichloroethane    | 8.010  | 97    | 541086   | 51.490   | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 8.216  | 75    | 476460   | 49.837   | ug/l   | 97       |
| 37) Ethyl Acetate            | 7.404  | 43    | 610774   | 59.570   | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 8.204  | 117   | 470657   | 49.965   | ug/l   | 98       |
| 39) Methylcyclohexane        | 9.457  | 83    | 581482   | 47.268   | ug/l   | 94       |
| 40) Benzene                  | 8.457  | 78    | 1457098  | 51.525   | ug/l   | 98       |

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :

Quant Time: Mar 03 03:36:21 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021522W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 21 07:57:15 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.628  | 41   | 311316   | 57.650   | ug/l   | 92       |
| 42) 1,2-Dichloroethane        | 8.522  | 62   | 515157   | 53.487   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.557  | 43   | 979627   | 60.616   | ug/l   | 97       |
| 44) Trichloroethene           | 9.210  | 130  | 350992   | 47.134   | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.486  | 63   | 397587   | 54.886   | ug/l   | 99       |
| 46) Dibromomethane            | 9.569  | 93   | 245612   | 51.522   | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.757  | 83   | 510394   | 52.975   | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.557  | 41   | 465697   | 60.879   | ug/l # | 82       |
| 49) 1,4-Dioxane               | 9.563  | 88   | 166295   | 1223.958 | ug/l   | 88       |
| 51) 4-Methyl-2-Pentanone      | 10.328 | 43   | 3123304  | 317.639  | ug/l   | 99       |
| 52) Toluene                   | 10.498 | 92   | 915002   | 51.492   | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.716 | 75   | 563920   | 53.828   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.186 | 75   | 622104   | 54.072   | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 10.892 | 97   | 365509   | 52.548   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.757 | 69   | 617012   | 58.875   | ug/l   | 91       |
| 57) 1,3-Dichloropropane       | 11.039 | 76   | 657545   | 54.652   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.034 | 63   | 537394   | 233.002  | ug/l   | 94       |
| 59) 2-Hexanone                | 11.081 | 43   | 2135404  | 315.768  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.233 | 129  | 386673   | 52.602   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.339 | 107  | 372533   | 52.655   | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.975 | 164  | 303175   | 43.237   | ug/l   | 99       |
| 65) Chlorobenzene             | 11.763 | 112  | 976105   | 50.312   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.833 | 131  | 358834   | 50.739   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.839 | 91   | 1778646  | 52.380   | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.951 | 106  | 1346312  | 102.644  | ug/l   | 98       |
| 69) o-Xylene                  | 12.275 | 106  | 670730   | 52.348   | ug/l   | 98       |
| 70) Styrene                   | 12.292 | 104  | 1092197  | 53.609   | ug/l   | 97       |
| 71) Bromoform                 | 12.457 | 173  | 287957   | 51.125   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.575 | 105  | 1757210  | 58.761   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.386 | 43   | 625131   | 65.397   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.822 | 83   | 549351   | 57.810   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.875 | 75   | 676759   | 77.366   | ug/l   | 72       |
| 77) Bromobenzene              | 12.857 | 156  | 397700   | 54.326   | ug/l   | 83       |
| 78) n-propylbenzene           | 12.916 | 91   | 1974166  | 58.757   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.004 | 91   | 1200077  | 58.815   | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 13.057 | 105  | 1408690  | 58.146   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.622 | 75   | 162239   | 60.100   | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 13.098 | 91   | 1125397  | 56.820   | ug/l   | 94       |
| 83) tert-Butylbenzene         | 13.322 | 119  | 1286497  | 55.992   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.363 | 105  | 1365199  | 57.244   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.498 | 105  | 1735787  | 57.334   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.610 | 119  | 1398922  | 56.287   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.610 | 146  | 669721   | 51.680   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.692 | 146  | 642570   | 50.609   | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.939 | 91   | 1047829  | 51.675   | ug/l   | 96       |
| 90) Hexachloroethane          | 14.204 | 117  | 256752   | 57.846   | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene       | 13.986 | 146  | 636935   | 52.341   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.598 | 75   | 91242    | 59.262   | ug/l   | 90       |
| 93) 1,2,4-Trichlorobenzene    | 15.257 | 180  | 280375   | 41.351   | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.363 | 225  | 188195   | 42.409   | ug/l   | 98       |
| 95) Naphthalene               | 15.504 | 128  | 663059   | 40.926   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.698 | 180  | 264519   | 42.355   | ug/l   | 99       |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 2 Sample Multiplier: 1

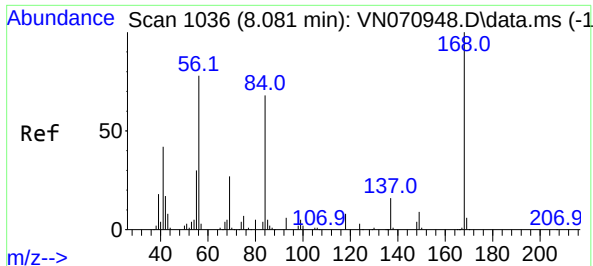
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Mar 03 03:36:21 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021522W.M  
Quant Title : SW846 8260  
QLast Update : Mon Feb 21 07:57:15 2022  
Response via : Initial Calibration

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

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

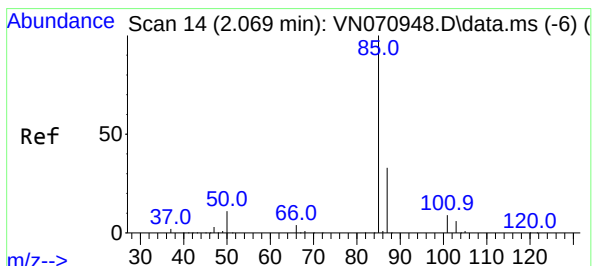
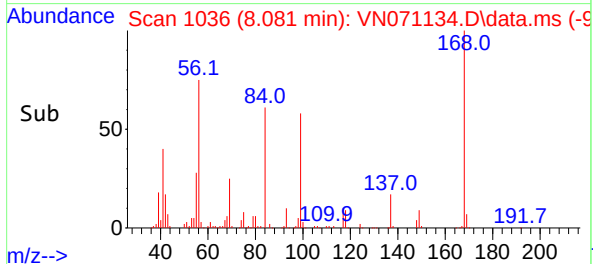
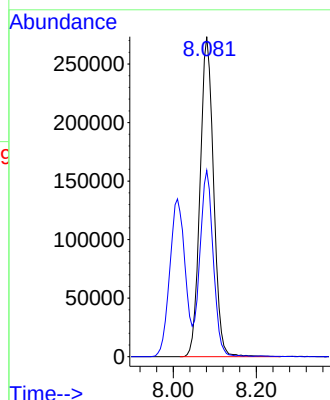
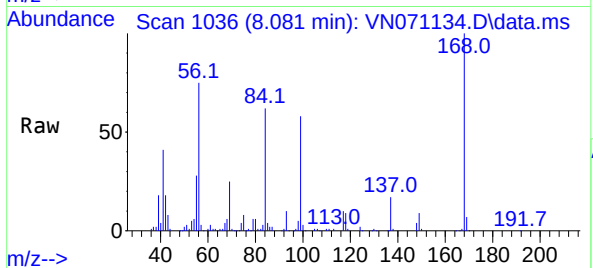




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

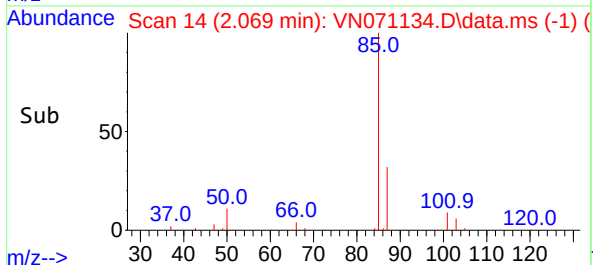
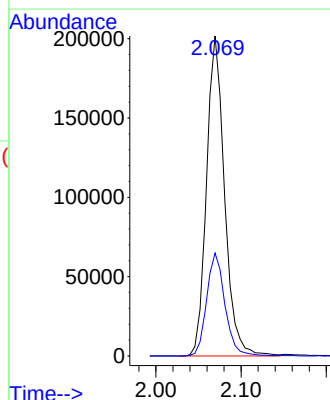
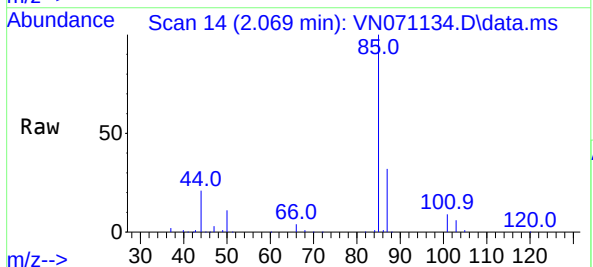
Instrument :  
MSVOA\_N  
ClientSampleId :

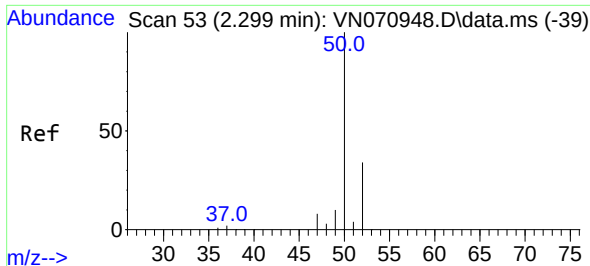
Tgt Ion:168 Resp: 616327  
Ion Ratio Lower Upper  
168 100  
99 58.1 41.3 61.9



#2  
Dichlorodifluoromethane  
Concen: 46.315 ug/l  
RT: 2.069 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Tgt Ion: 85 Resp: 296483  
Ion Ratio Lower Upper  
85 100  
87 32.2 16.3 48.9

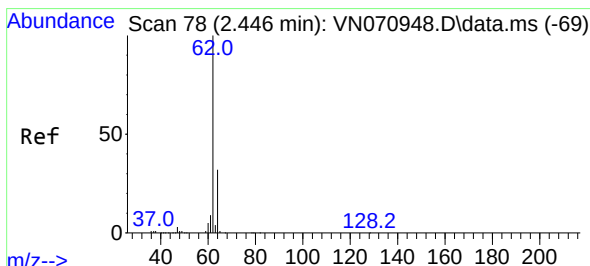
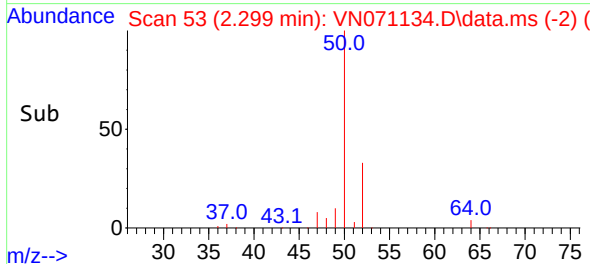
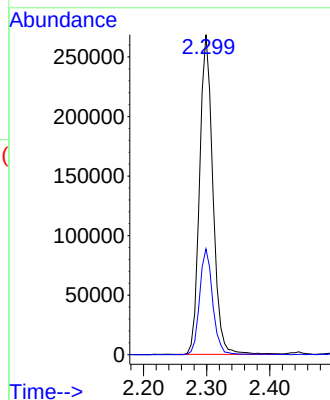
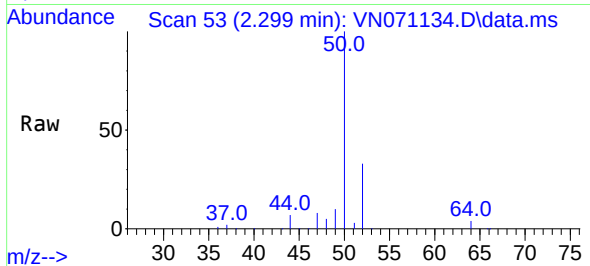




#3  
Chloromethane  
Concen: 48.655 ug/l  
RT: 2.299 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

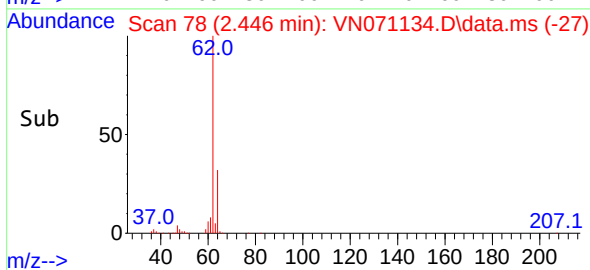
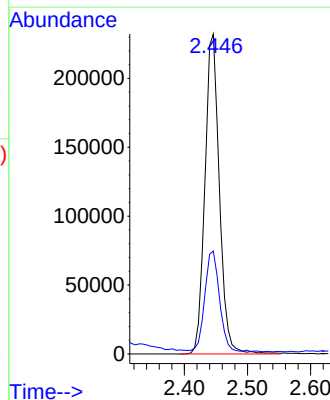
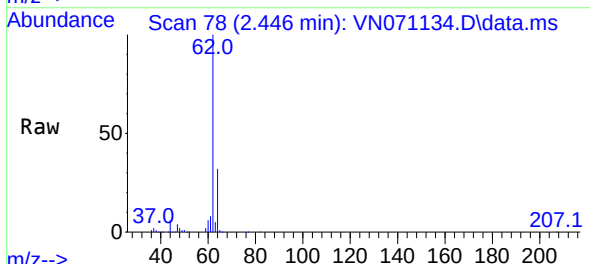
Instrument :  
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ClientSampleId :

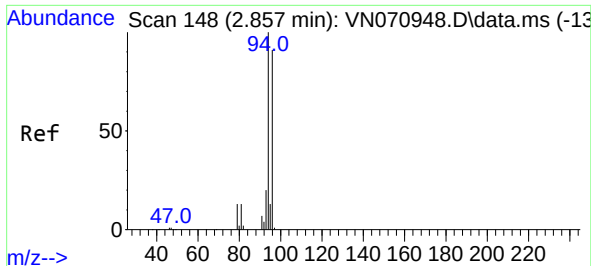
Tgt Ion: 50 Resp: 391488  
Ion Ratio Lower Upper  
50 100  
52 33.1 25.4 38.0



#4  
Vinyl Chloride  
Concen: 45.949 ug/l  
RT: 2.446 min Scan# 78  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Tgt Ion: 62 Resp: 370096  
Ion Ratio Lower Upper  
62 100  
64 31.4 25.8 38.6

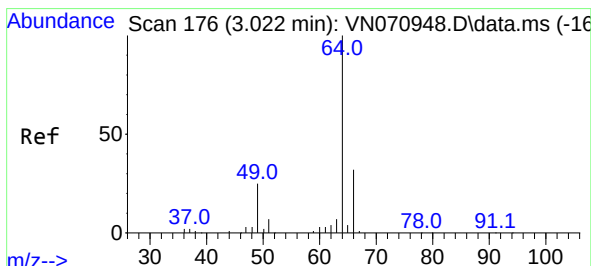
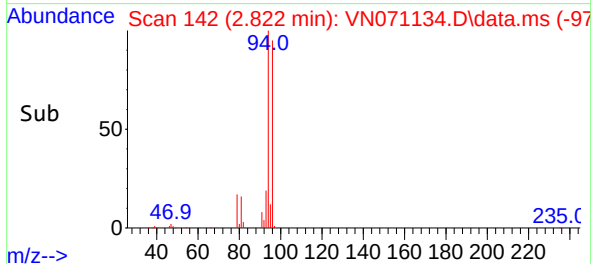
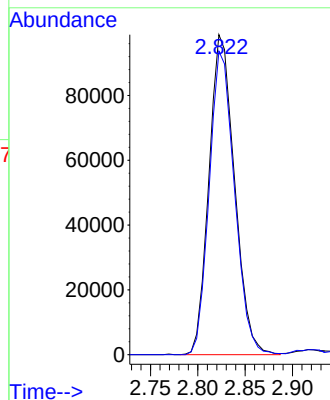
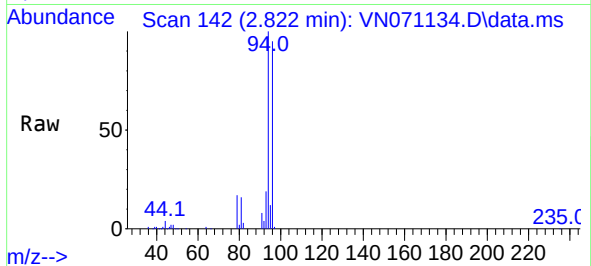




#5  
Bromomethane  
Concen: 40.564 ug/l  
RT: 2.822 min Scan# 14  
Delta R.T. -0.035 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

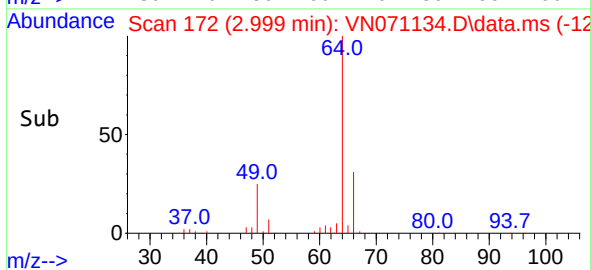
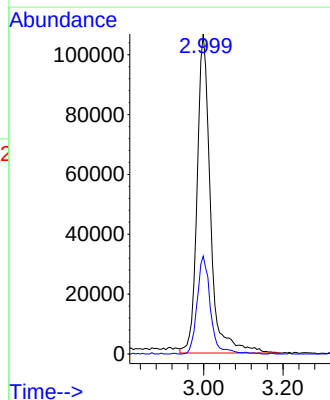
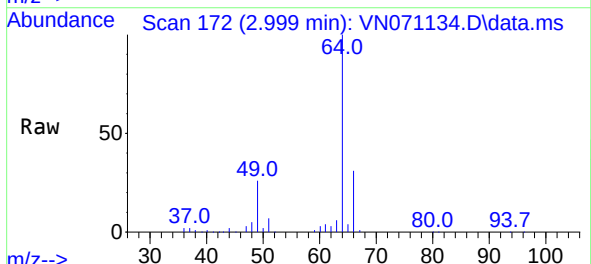
Instrument :  
MSVOA\_N  
ClientSampleId :

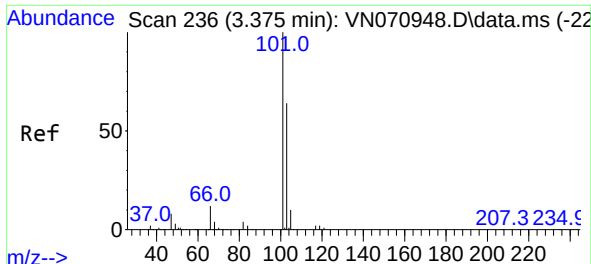
Tgt Ion: 94 Resp: 185603  
Ion Ratio Lower Upper  
94 100  
96 94.9 73.8 110.8



#6  
Chloroethane  
Concen: 47.181 ug/l  
RT: 2.999 min Scan# 172  
Delta R.T. -0.023 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Tgt Ion: 64 Resp: 249314  
Ion Ratio Lower Upper  
64 100  
66 30.7 26.3 39.5

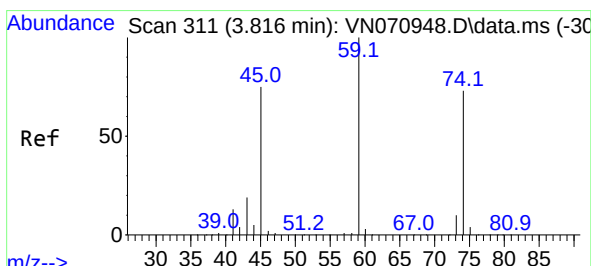
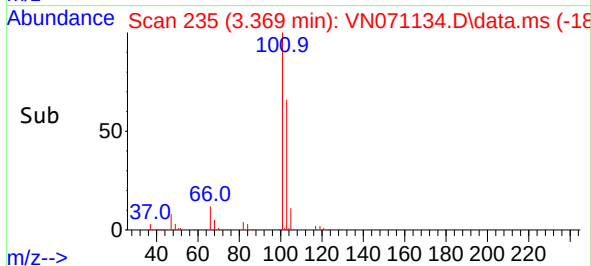
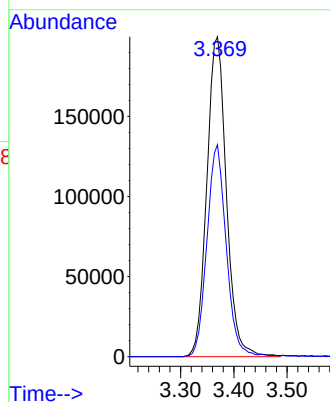
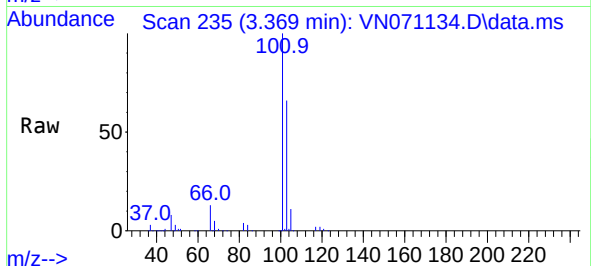




#7  
 Trichlorofluoromethane  
 Concen: 50.447 ug/l  
 RT: 3.369 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: VN071134.D  
 Acq: 02 Mar 2022 10:18

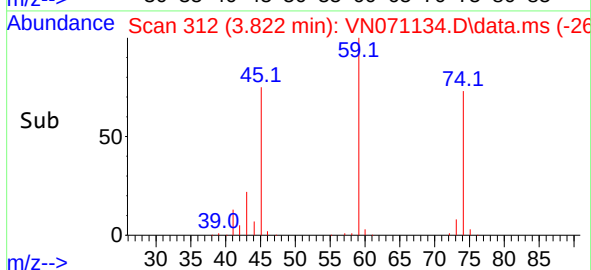
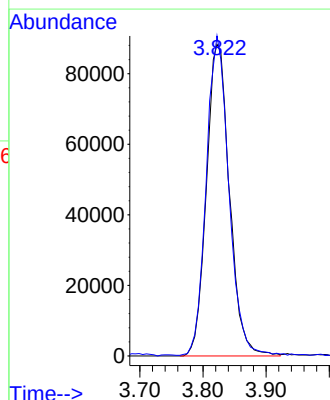
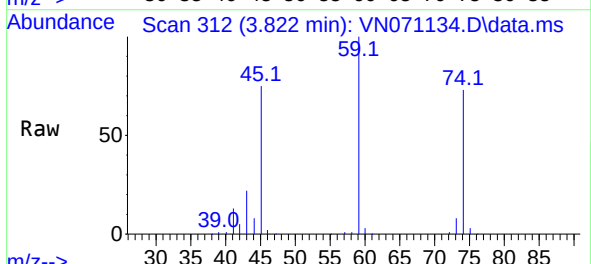
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion:101 Resp: 509208  
 Ion Ratio Lower Upper  
 101 100  
 103 66.3 50.1 75.1

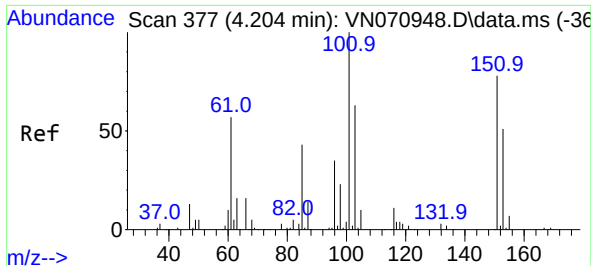


#8  
 Diethyl Ether  
 Concen: 51.072 ug/l  
 RT: 3.822 min Scan# 312  
 Delta R.T. 0.006 min  
 Lab File: VN071134.D  
 Acq: 02 Mar 2022 10:18

Tgt Ion: 74 Resp: 224108  
 Ion Ratio Lower Upper  
 74 100  
 45 100.2 47.0 141.2



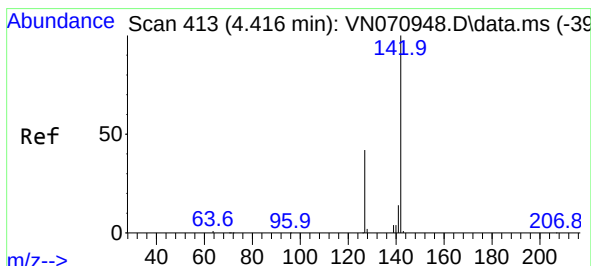
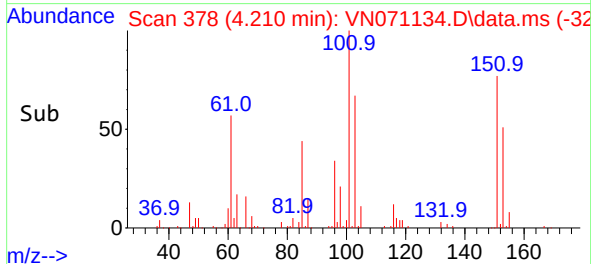
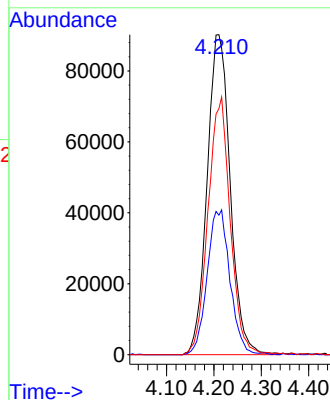
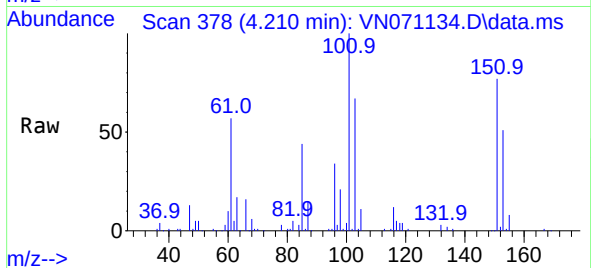




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.404 ug/l  
RT: 4.210 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

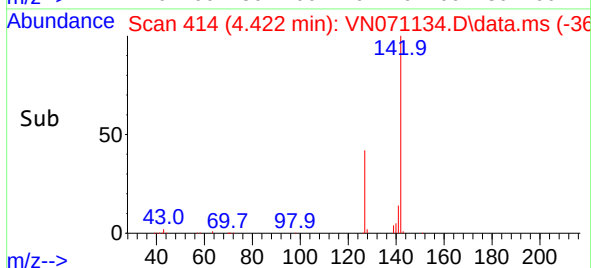
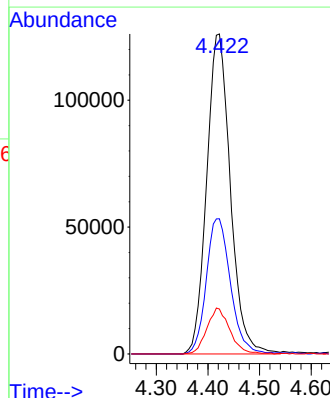
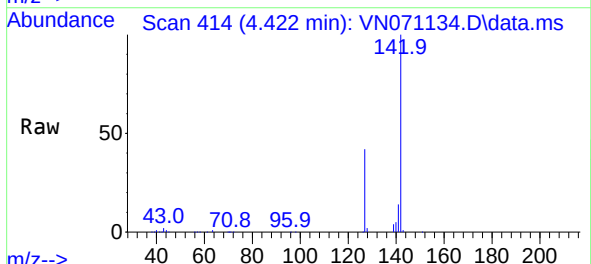
Instrument :  
MSVOA\_N  
ClientSampleId :

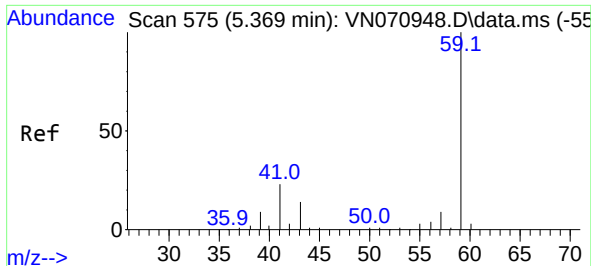
Tgt Ion:101 Resp: 305965  
Ion Ratio Lower Upper  
101 100  
85 44.7 37.2 55.8  
151 77.0 65.9 98.9



#10  
Methyl Iodide  
Concen: 46.784 ug/l  
RT: 4.422 min Scan# 414  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Tgt Ion:142 Resp: 401273  
Ion Ratio Lower Upper  
142 100  
127 43.4 35.4 53.0  
141 14.0 11.6 17.4





#11

Tert butyl alcohol

Concen: 296.168 ug/l

RT: 5.363 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN071134.D

Acq: 02 Mar 2022 10:18

Instrument :

MSVOA\_N

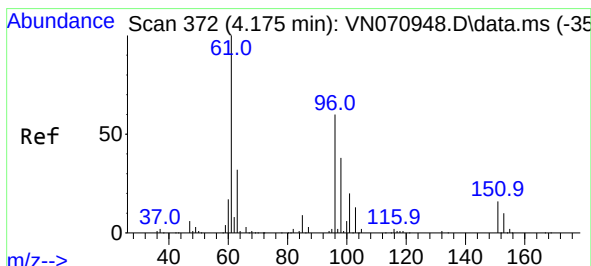
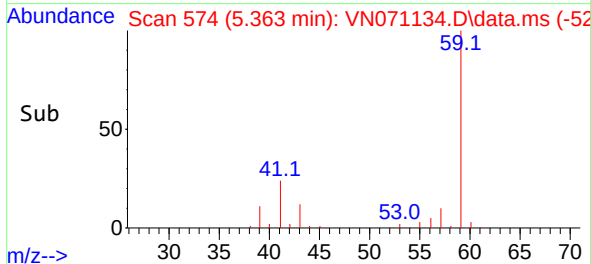
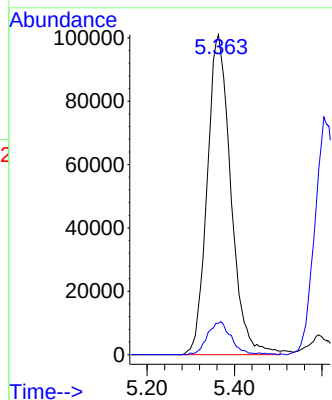
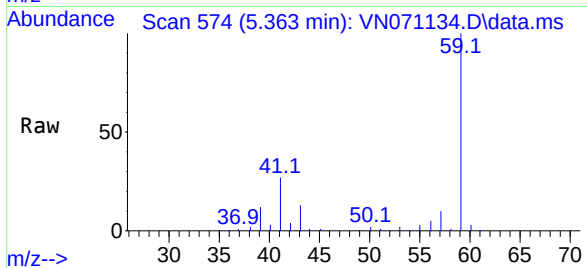
ClientSampleId :

Tgt Ion: 59 Resp: 380005

Ion Ratio Lower Upper

59 100

57 10.1 8.7 13.1



#12

1,1-Dichloroethene

Concen: 46.936 ug/l

RT: 4.181 min Scan# 373

Delta R.T. 0.006 min

Lab File: VN071134.D

Acq: 02 Mar 2022 10:18

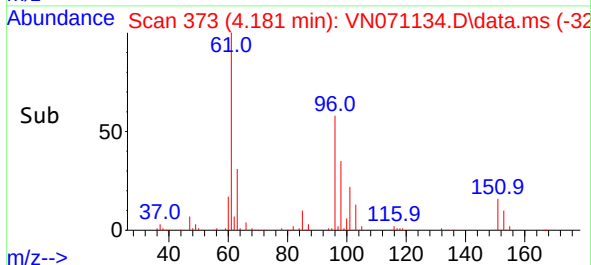
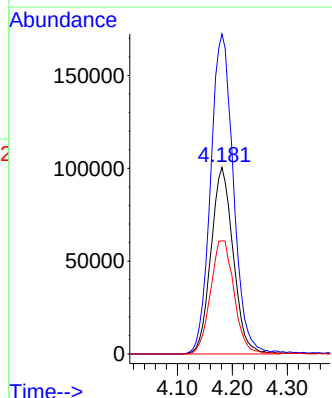
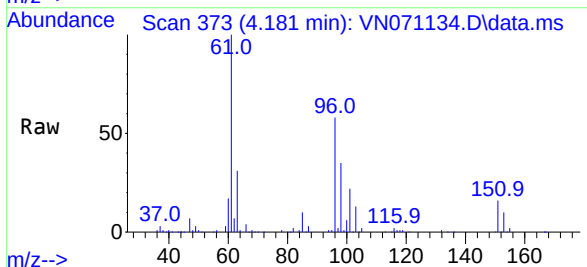
Tgt Ion: 96 Resp: 283203

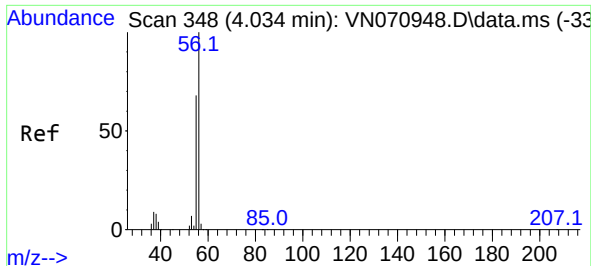
Ion Ratio Lower Upper

96 100

61 171.5 131.0 196.6

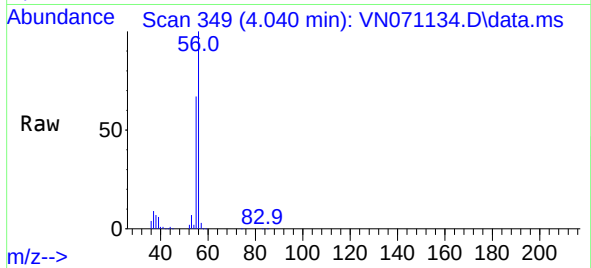
98 60.7 52.4 78.6



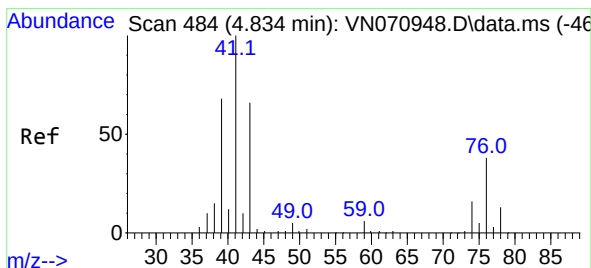
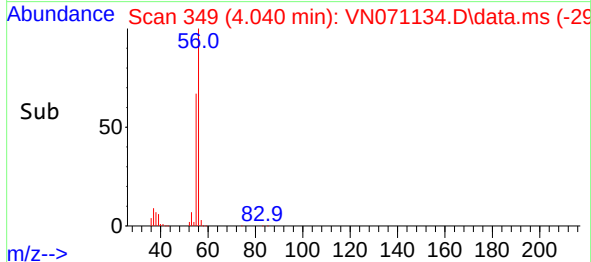
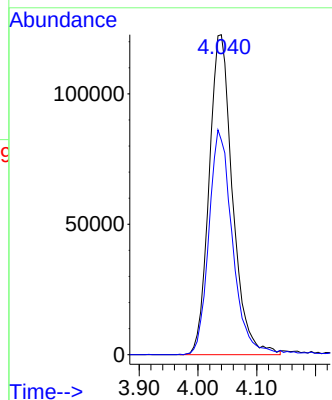


#13  
Acrolein  
Concen: 296.261 ug/l  
RT: 4.040 min Scan# 348  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Instrument :  
MSVOA\_N  
ClientSampleId :

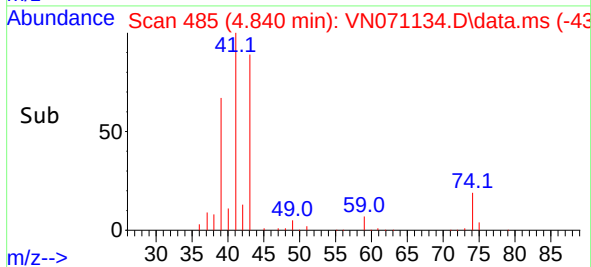
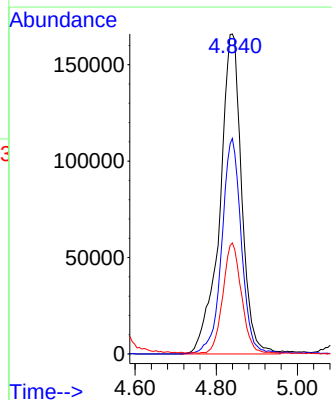
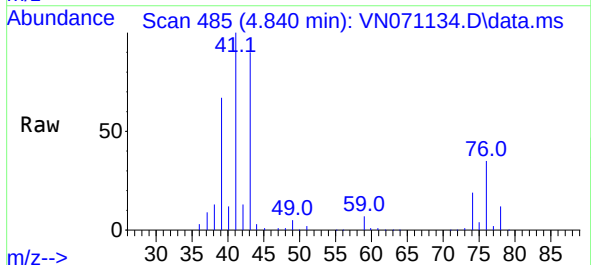


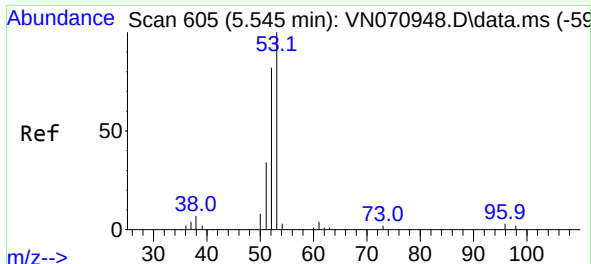
Tgt Ion: 56 Resp: 339670  
Ion Ratio Lower Upper  
56 100  
55 70.4 56.6 85.0



#14  
Allyl chloride  
Concen: 53.790 ug/l  
RT: 4.840 min Scan# 485  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

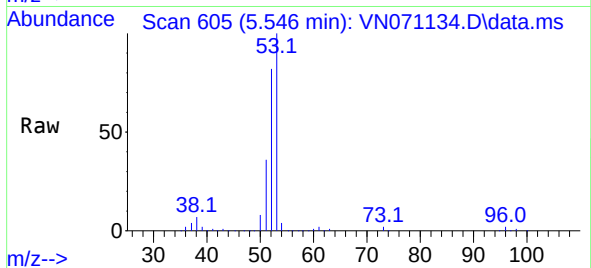
Tgt Ion: 41 Resp: 618995  
Ion Ratio Lower Upper  
41 100  
39 60.5 61.2 91.8#  
76 29.4 26.0 39.0





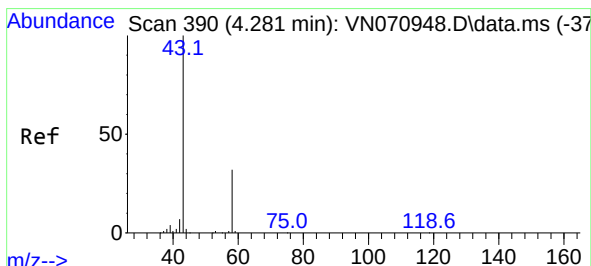
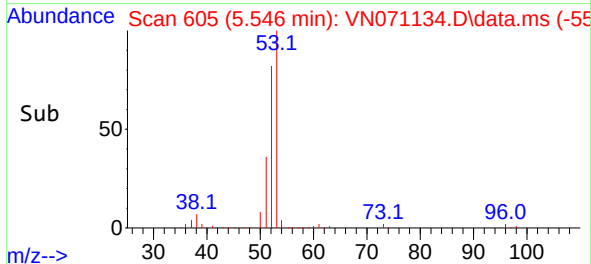
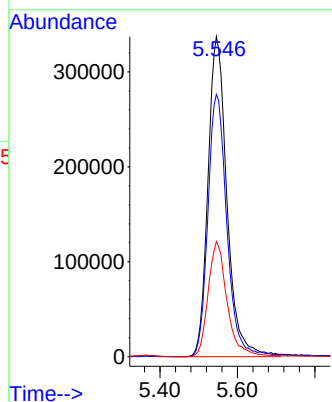
#15  
Acrylonitrile  
Concen: 303.121 ug/l  
RT: 5.546 min Scan# 605  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 53 Resp: 1145599

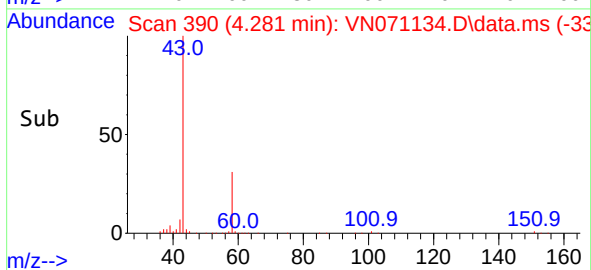
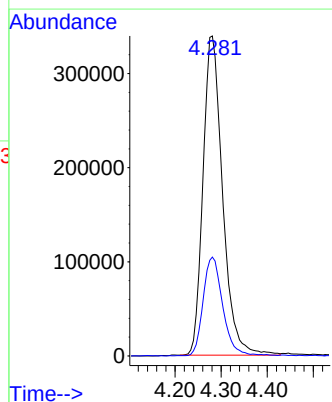
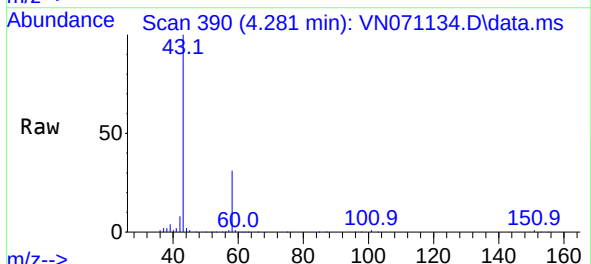
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 81.9  | 66.2  | 99.2  |
| 51  | 36.1  | 29.6  | 44.4  |

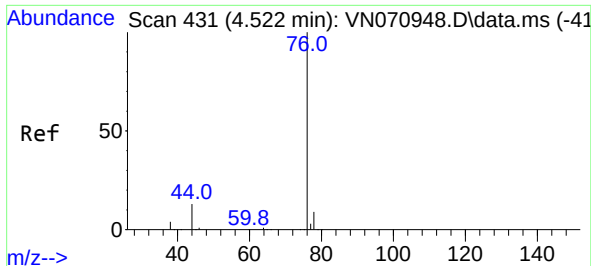


#16  
Acetone  
Concen: 259.372 ug/l  
RT: 4.281 min Scan# 390  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Tgt Ion: 43 Resp: 1005668

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 30.9  | 23.1  | 34.7  |

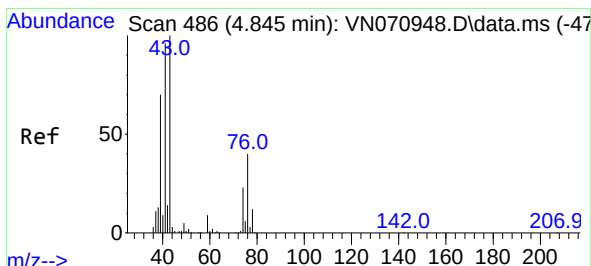
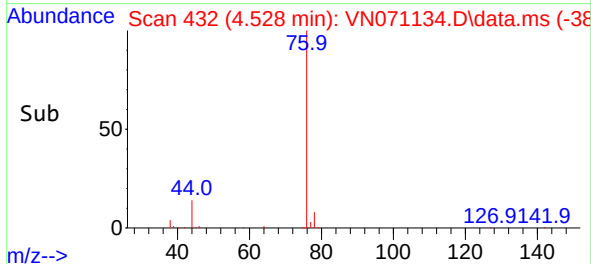
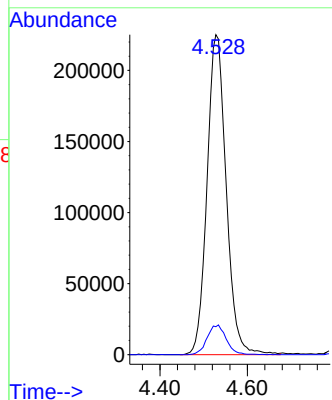
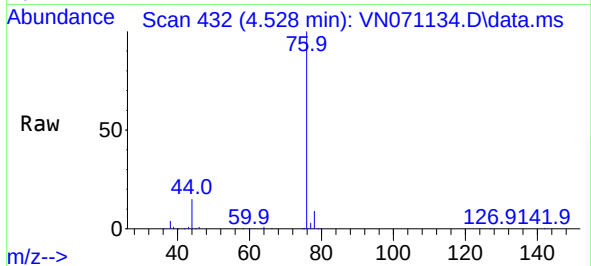




#17  
Carbon Disulfide  
Concen: 39.654 ug/l  
RT: 4.528 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

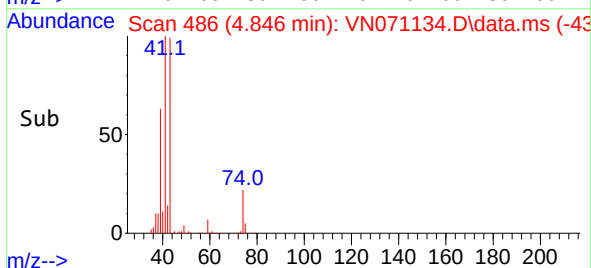
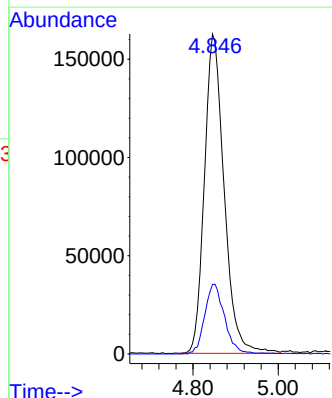
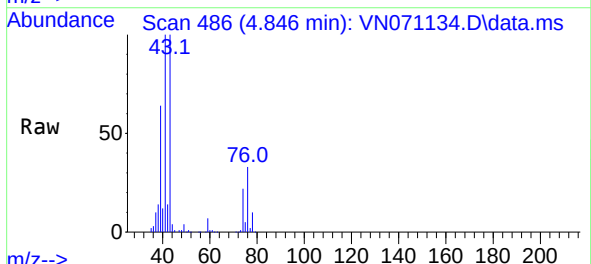
Instrument :  
MSVOA\_N  
ClientSampleId :

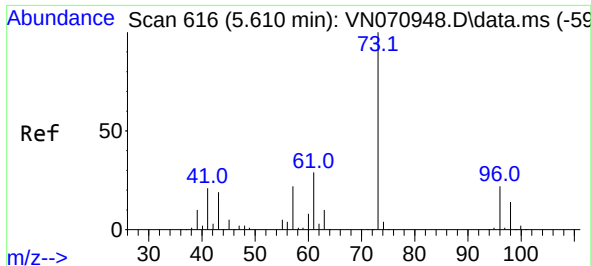
Tgt Ion: 76 Resp: 686135  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.5 11.3



#18  
Methyl Acetate  
Concen: 61.794 ug/l  
RT: 4.846 min Scan# 486  
Delta R.T. 0.001 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Tgt Ion: 43 Resp: 523409  
Ion Ratio Lower Upper  
43 100  
74 21.9 19.4 29.2

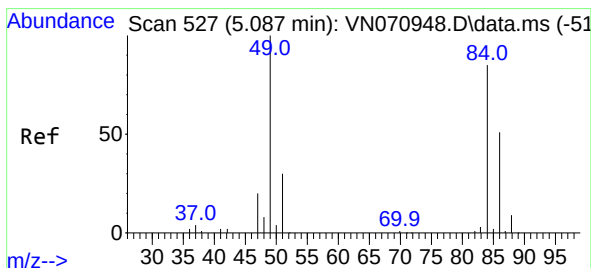
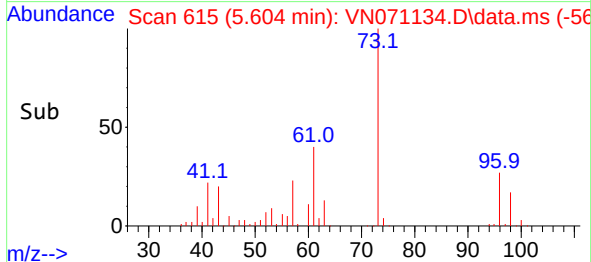
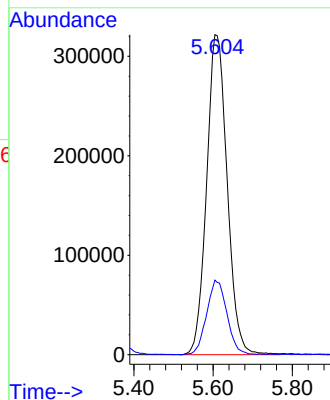
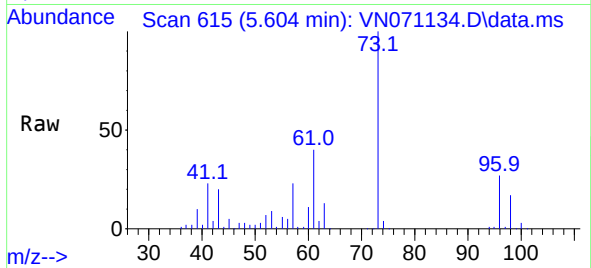




#19  
Methyl tert-butyl Ether  
Concen: 54.749 ug/l  
RT: 5.604 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

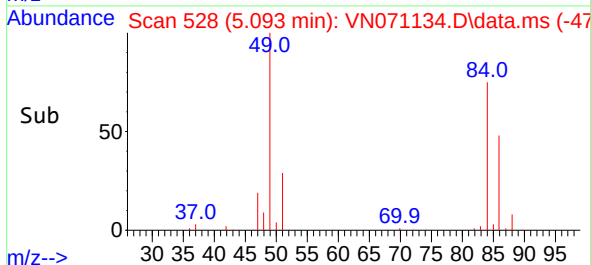
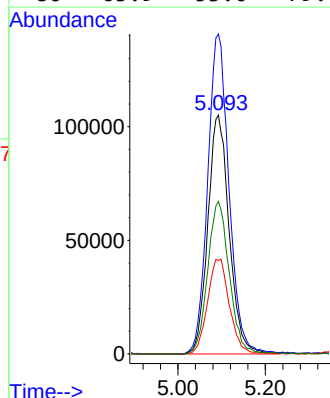
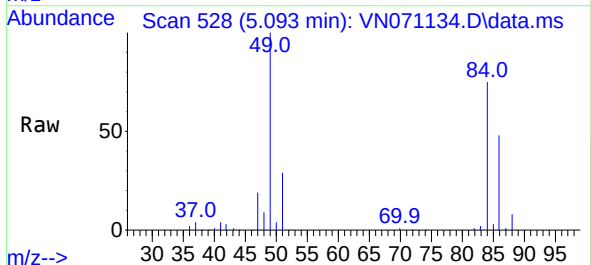
Instrument :  
MSVOA\_N  
ClientSampleId :

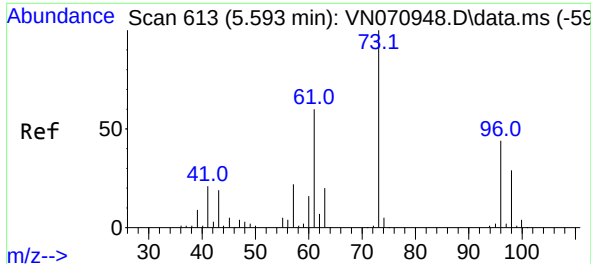
Tgt Ion: 73 Resp: 1158803  
Ion Ratio Lower Upper  
73 100  
57 23.3 16.8 25.2



#20  
Methylene Chloride  
Concen: 50.667 ug/l  
RT: 5.093 min Scan# 528  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Tgt Ion: 84 Resp: 357030  
Ion Ratio Lower Upper  
84 100  
49 133.9 93.5 140.3  
51 39.2 29.4 44.2  
86 63.9 53.0 79.4

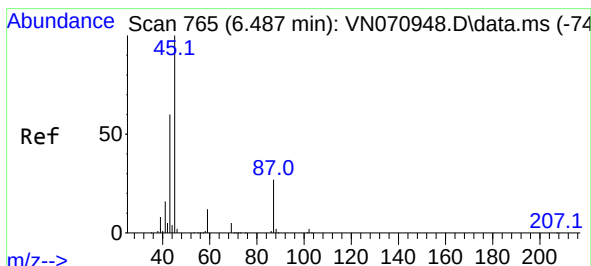
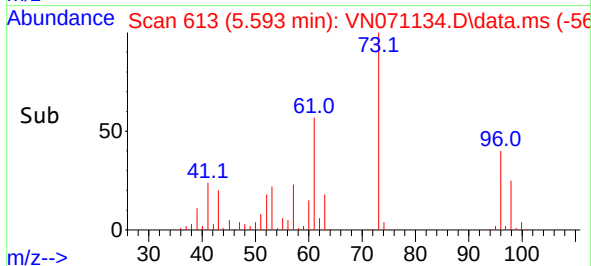
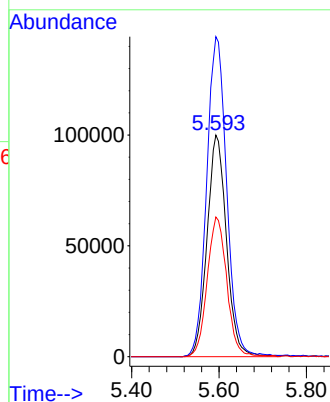
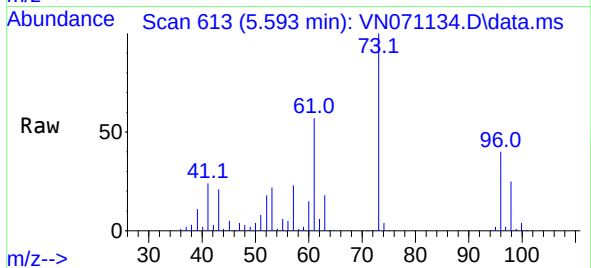




#21  
trans-1,2-Dichloroethene  
Concen: 47.709 ug/l  
RT: 5.593 min Scan# 613  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

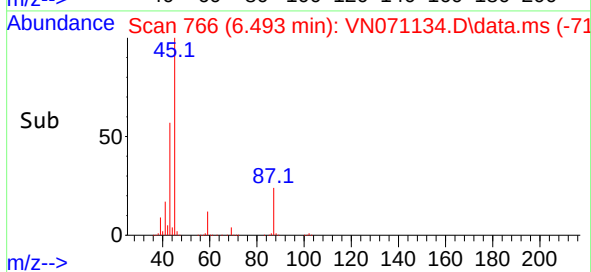
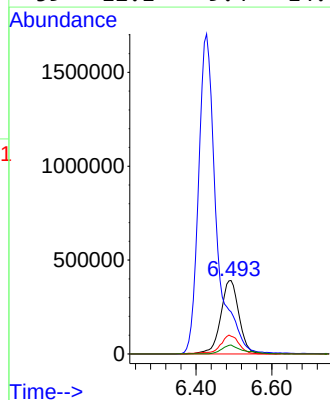
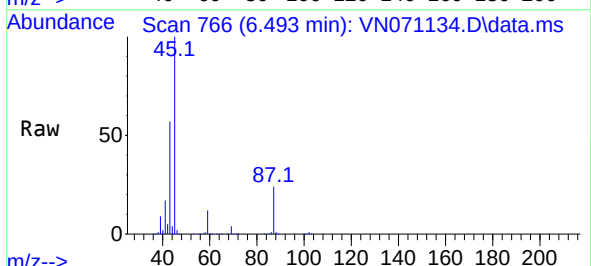
Instrument :  
MSVOA\_N  
ClientSampleId :

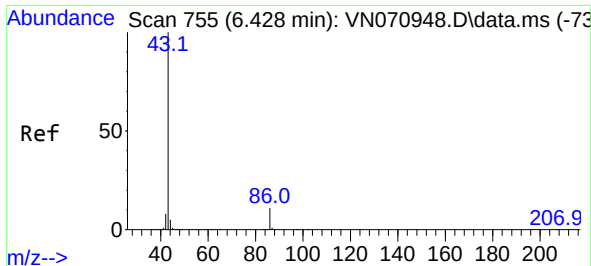
Tgt Ion: 96 Resp: 308973  
Ion Ratio Lower Upper  
96 100  
61 144.4 105.8 158.6  
98 63.1 52.0 78.0



#22  
Diisopropyl ether  
Concen: 59.537 ug/l  
RT: 6.493 min Scan# 766  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

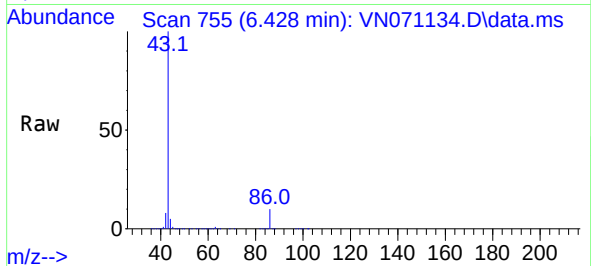
Tgt Ion: 45 Resp: 1314035  
Ion Ratio Lower Upper  
45 100  
43 57.0 51.7 77.5  
87 24.1 23.2 34.8  
59 12.1 9.4 14.0



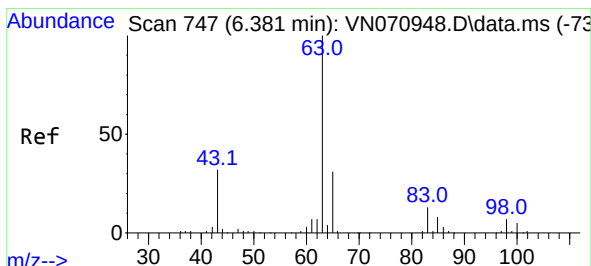
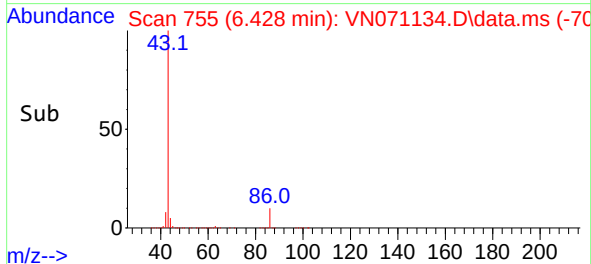
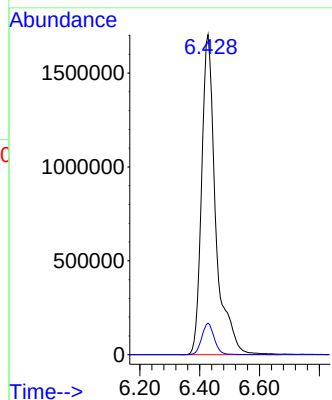


#23  
 Vinyl Acetate  
 Concen: 298.559 ug/l  
 RT: 6.428 min Scan# 755  
 Delta R.T. 0.000 min  
 Lab File: VN071134.D  
 Acq: 02 Mar 2022 10:18

Instrument :  
 MSVOA\_N  
 ClientSampleId :

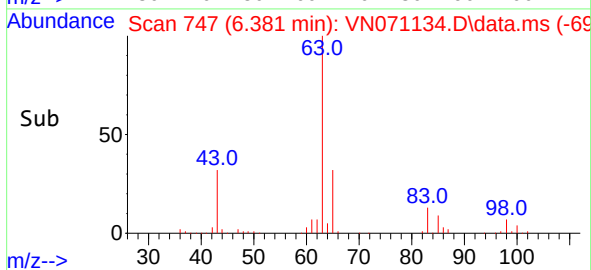
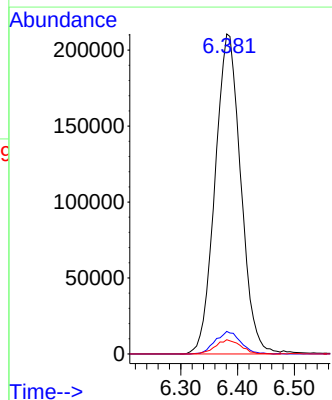
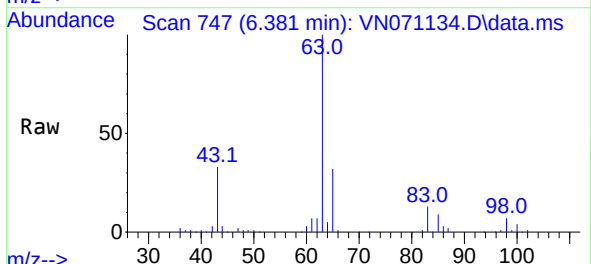


Tgt Ion: 43 Resp: 5578006  
 Ion Ratio Lower Upper  
 43 100  
 86 9.8 8.5 12.7

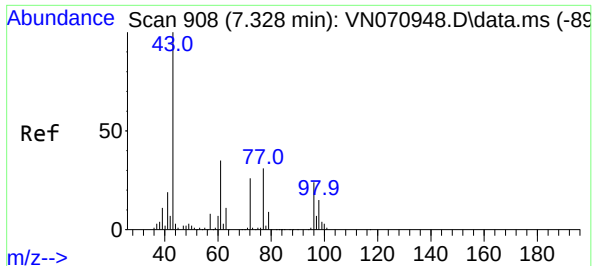


#24  
 1,1-Dichloroethane  
 Concen: 53.514 ug/l  
 RT: 6.381 min Scan# 747  
 Delta R.T. 0.000 min  
 Lab File: VN071134.D  
 Acq: 02 Mar 2022 10:18

Tgt Ion: 63 Resp: 662097  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.3 9.9  
 100 4.5 2.1 6.5







#25

2-Butanone

Concen: 303.005 ug/l

RT: 7.328 min Scan# 908

Delta R.T. 0.000 min

Lab File: VN071134.D

Acq: 02 Mar 2022 10:18

Instrument :

MSVOA\_N

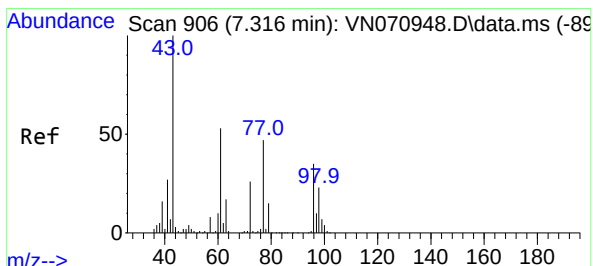
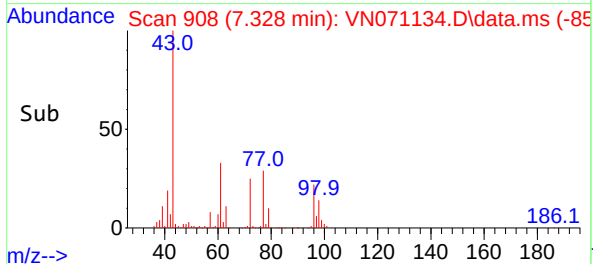
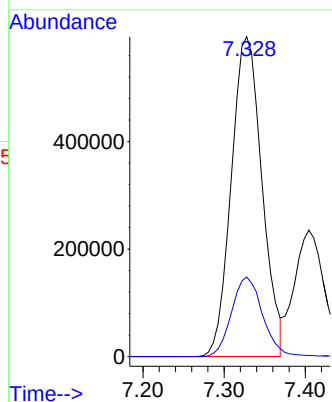
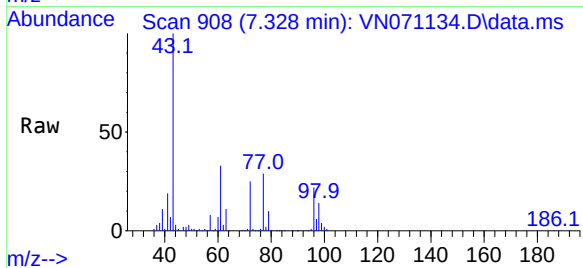
ClientSampleId :

Tgt Ion: 43 Resp: 1562883

Ion Ratio Lower Upper

43 100

72 24.9 21.7 32.5



#26

2,2-Dichloropropane

Concen: 52.532 ug/l

RT: 7.322 min Scan# 907

Delta R.T. 0.006 min

Lab File: VN071134.D

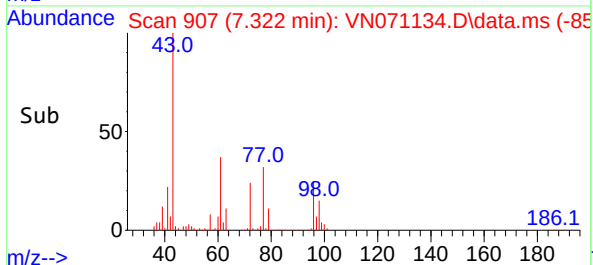
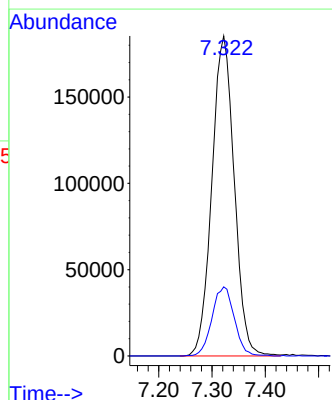
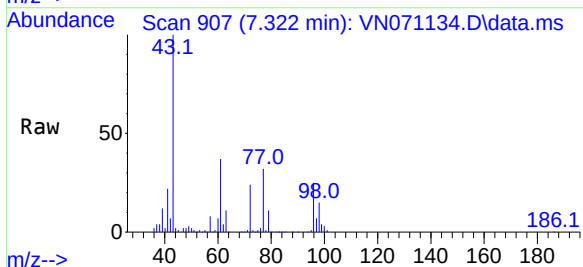
Acq: 02 Mar 2022 10:18

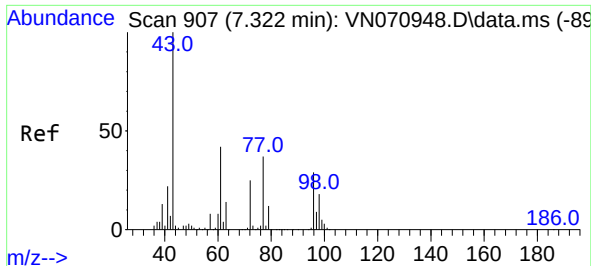
Tgt Ion: 77 Resp: 540174

Ion Ratio Lower Upper

77 100

97 21.5 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 51.648 ug/l

RT: 7.322 min Scan# 907

Delta R.T. 0.000 min

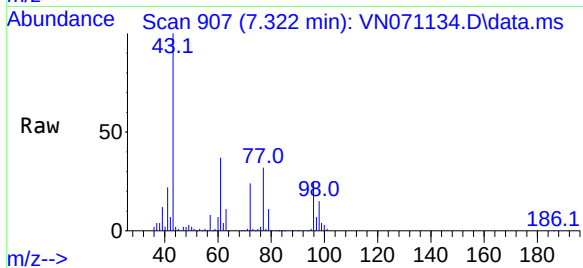
Lab File: VN071134.D

Acq: 02 Mar 2022 10:18

Instrument :

MSVOA\_N

ClientSampleId :



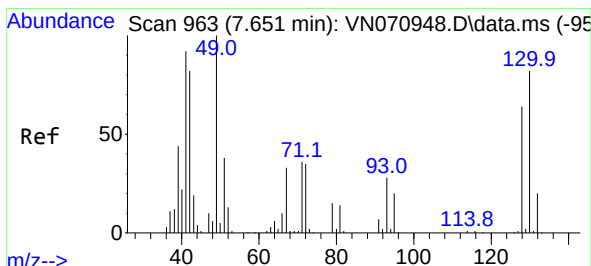
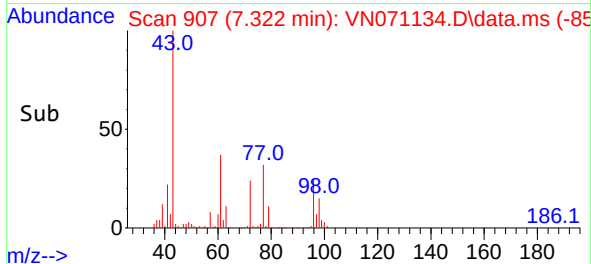
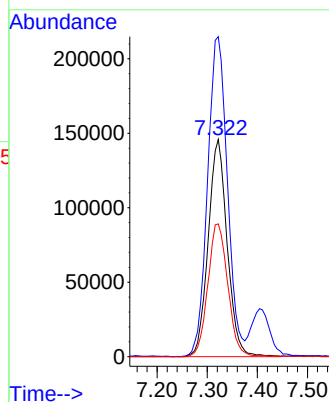
Tgt Ion: 96 Resp: 384434

Ion Ratio Lower Upper

96 100

61 153.7 0.0 275.0

98 64.1 0.0 129.6



#28

Bromochloromethane

Concen: 53.625 ug/l

RT: 7.651 min Scan# 963

Delta R.T. 0.000 min

Lab File: VN071134.D

Acq: 02 Mar 2022 10:18

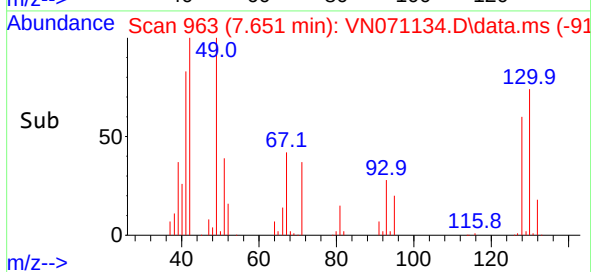
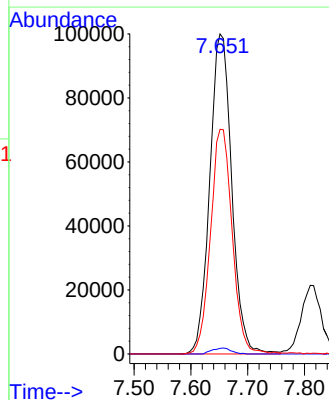
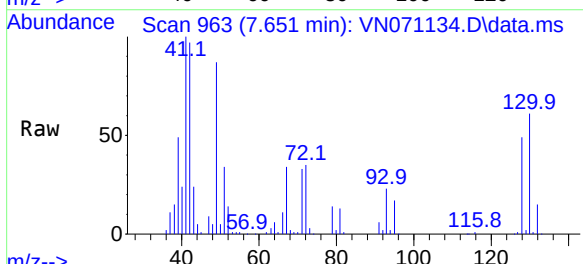
Tgt Ion: 49 Resp: 268534

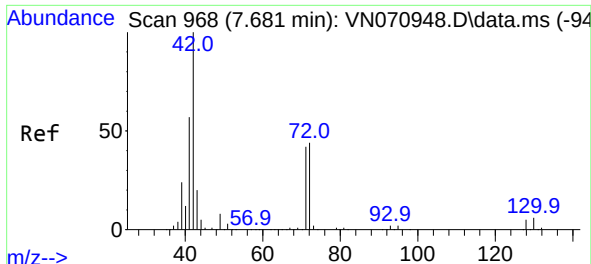
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.0

130 69.1 67.8 101.8





#29

Tetrahydrofuran

Concen: 312.820 ug/l

RT: 7.675 min Scan# 90

Delta R.T. -0.006 min

Lab File: VN071134.D

Acq: 02 Mar 2022 10:18

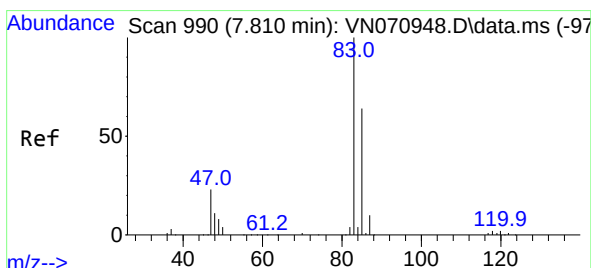
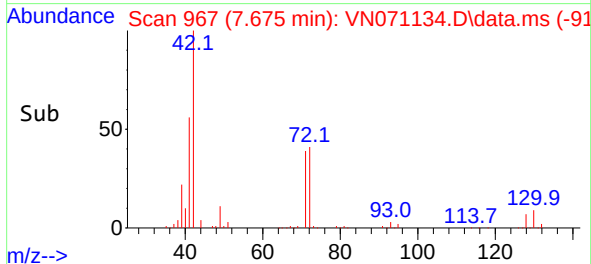
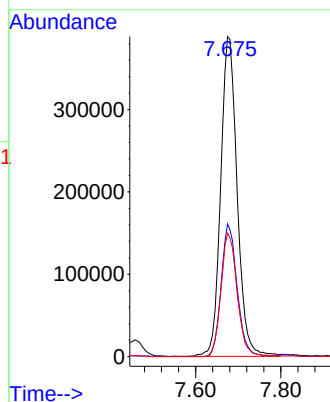
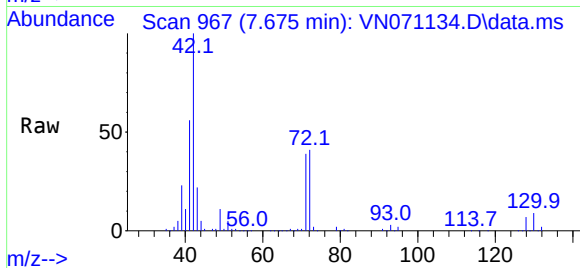
Instrument :

MSVOA\_N

ClientSampleId :

Tgt Ion: 42 Resp: 1045259

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 40.1  | 36.3  | 54.5  |
| 71  | 37.6  | 34.7  | 52.1  |



#30

Chloroform

Concen: 52.296 ug/l

RT: 7.810 min Scan# 990

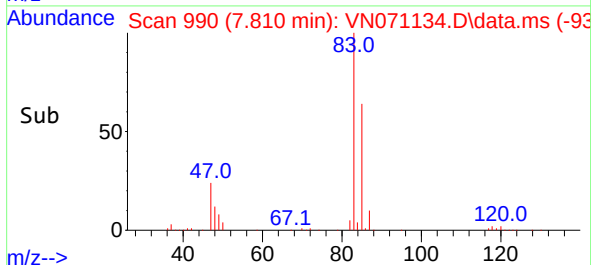
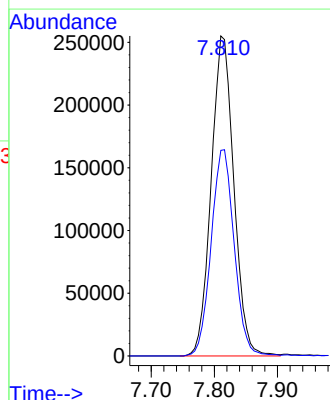
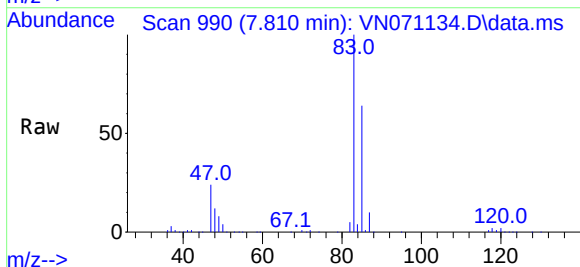
Delta R.T. 0.000 min

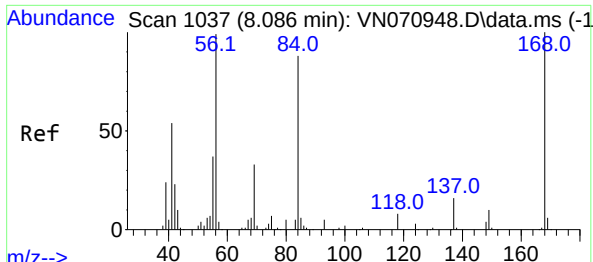
Lab File: VN071134.D

Acq: 02 Mar 2022 10:18

Tgt Ion: 83 Resp: 636372

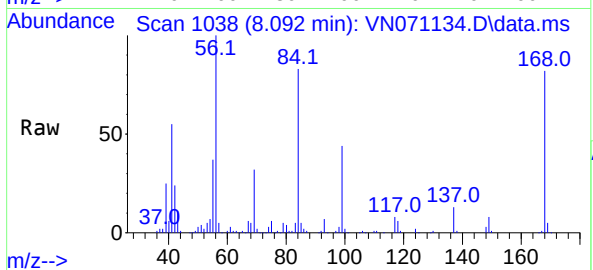
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 64.3  | 51.9  | 77.9  |



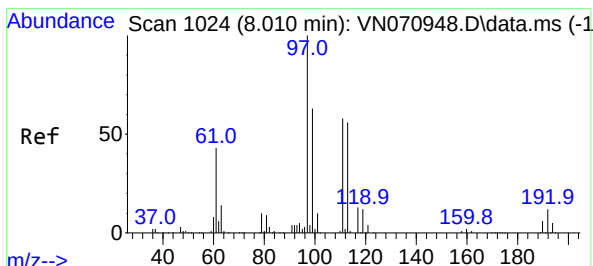
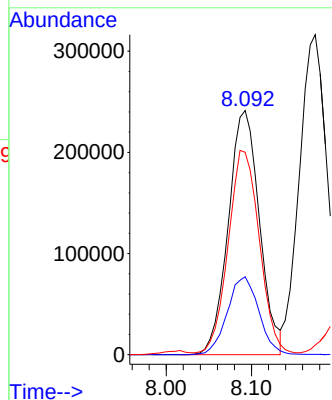
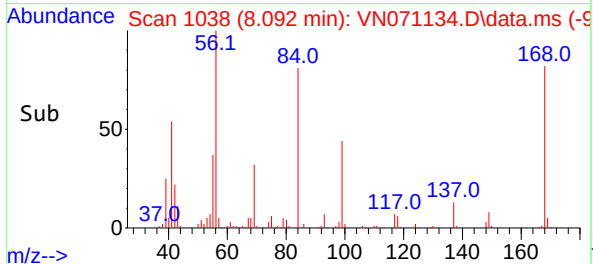


#31  
Cyclohexane  
Concen: 50.462 ug/l  
RT: 8.092 min Scan# 1037  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

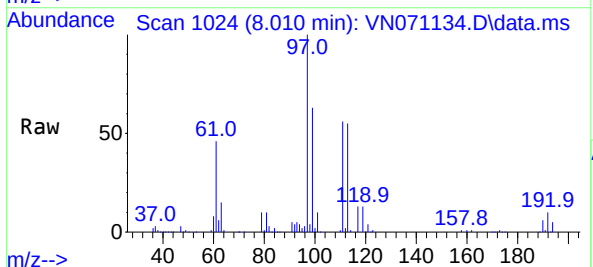
Instrument :  
MSVOA\_N  
ClientSampleId :



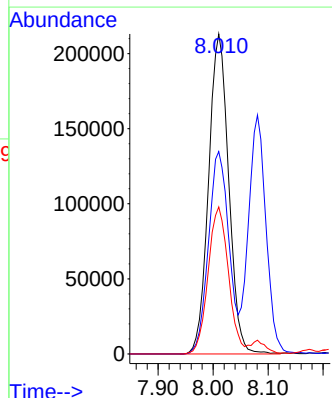
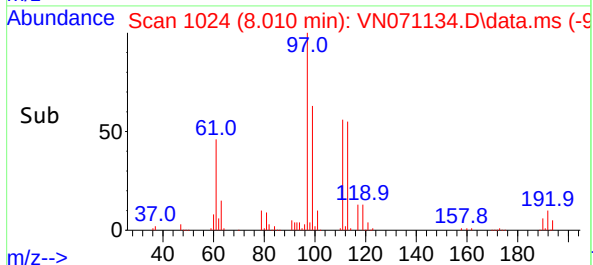
Tgt Ion: 56 Resp: 614429  
Ion Ratio Lower Upper  
56 100  
69 31.9 27.1 40.7  
84 81.1 73.4 110.0

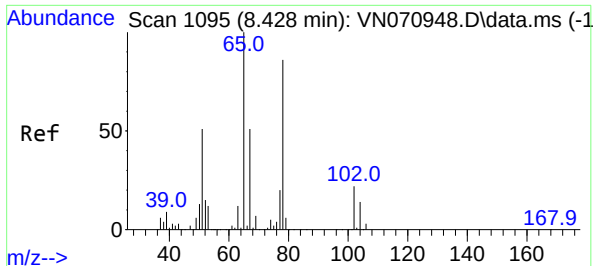


#32  
1,1,1-Trichloroethane  
Concen: 51.490 ug/l  
RT: 8.010 min Scan# 1024  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18



Tgt Ion: 97 Resp: 541086  
Ion Ratio Lower Upper  
97 100  
99 64.1 50.1 75.1  
61 46.4 35.2 52.8

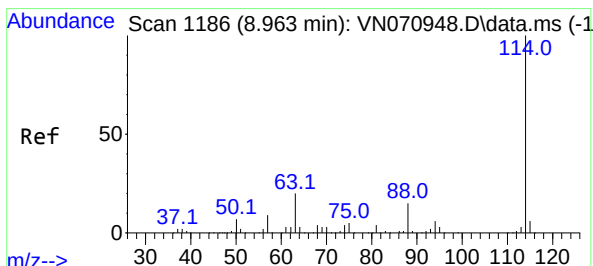
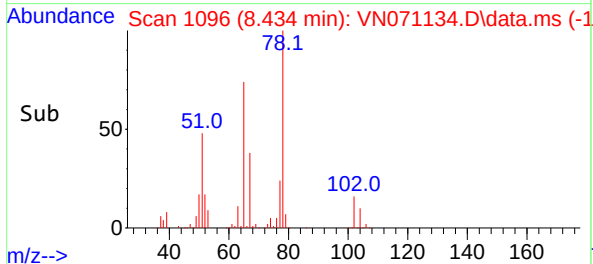
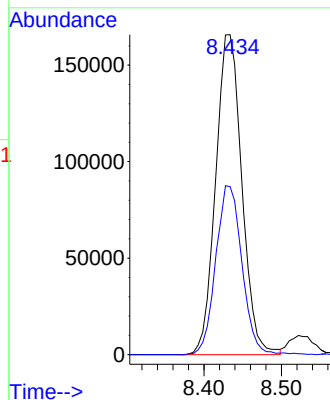
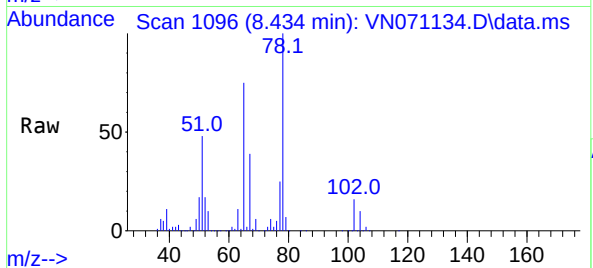




#33  
1,2-Dichloroethane-d4  
Concen: 55.366 ug/l  
RT: 8.434 min Scan# 1095  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

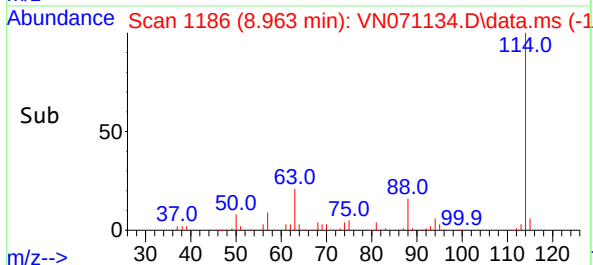
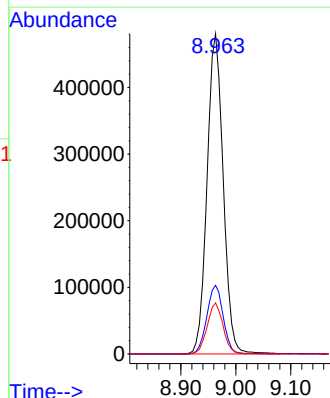
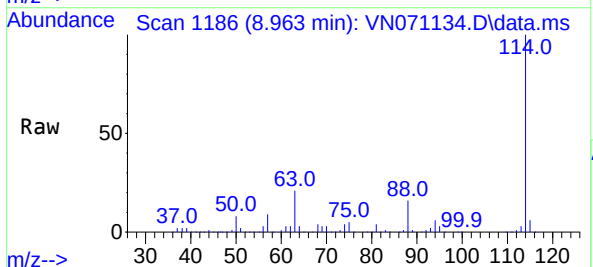
Instrument :  
MSVOA\_N  
ClientSampleId :

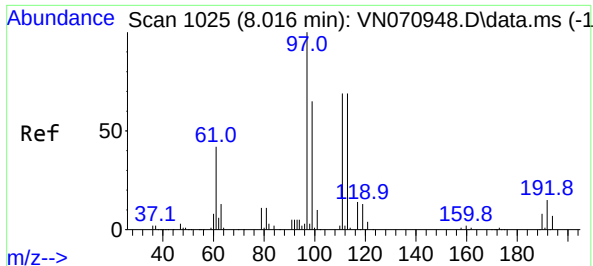
Tgt Ion: 65 Resp: 389802  
Ion Ratio Lower Upper  
65 100  
67 53.0 0.0 103.0



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

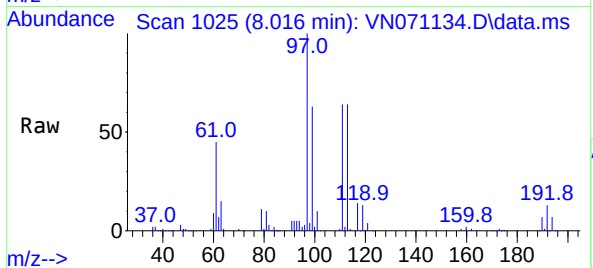
Tgt Ion:114 Resp: 981066  
Ion Ratio Lower Upper  
114 100  
63 21.4 0.0 37.8  
88 16.0 0.0 27.4



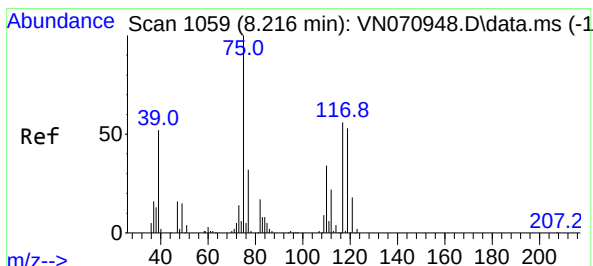
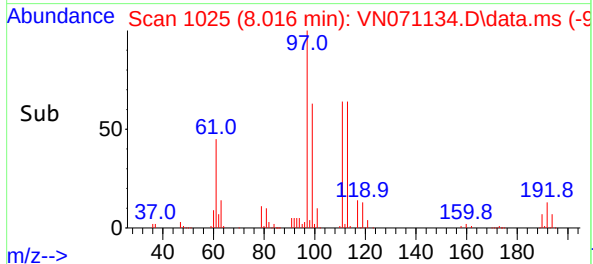
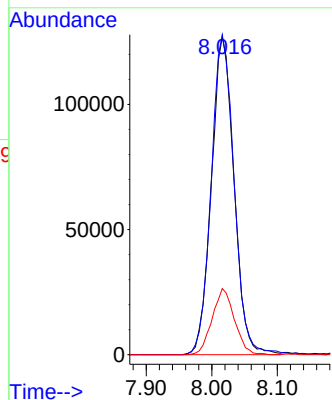


#35  
Dibromofluoromethane  
Concen: 52.122 ug/l  
RT: 8.016 min Scan# 1025  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Instrument :  
MSVOA\_N  
ClientSampleId :

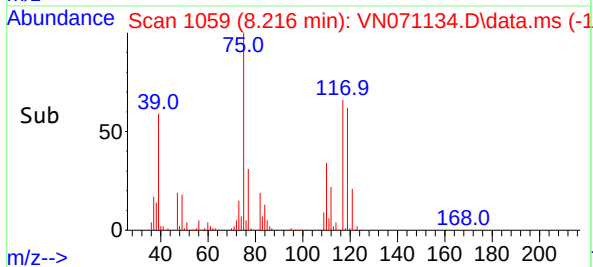
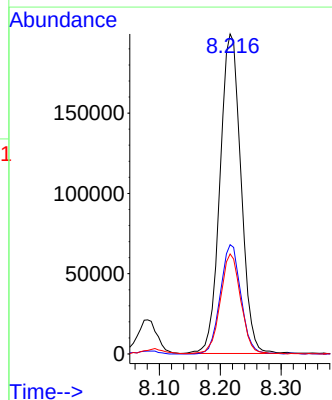
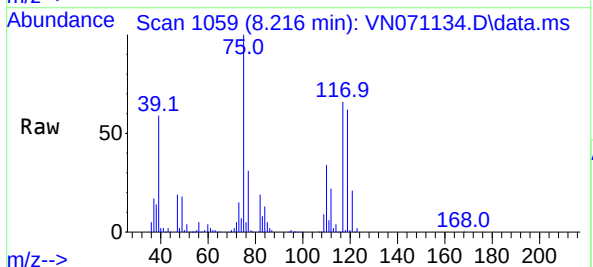


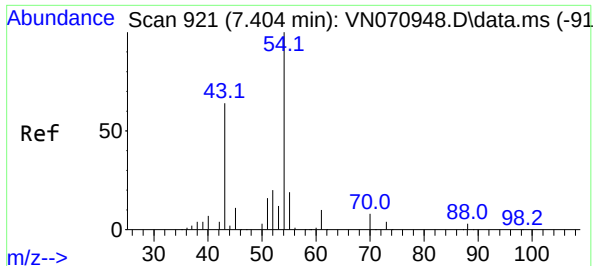
Tgt Ion:113 Resp: 304153  
Ion Ratio Lower Upper  
113 100  
111 101.6 82.2 123.2  
192 20.5 16.9 25.3



#36  
1,1-Dichloropropene  
Concen: 49.837 ug/l  
RT: 8.216 min Scan# 1059  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Tgt Ion: 75 Resp: 476460  
Ion Ratio Lower Upper  
75 100  
110 33.5 18.4 55.2  
77 30.6 24.4 36.6



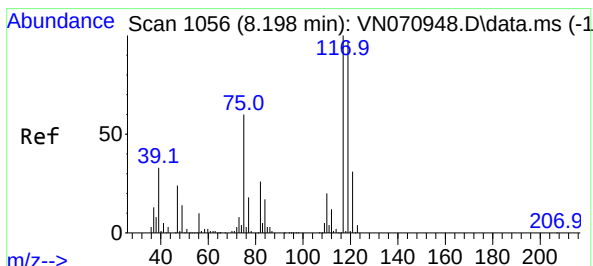
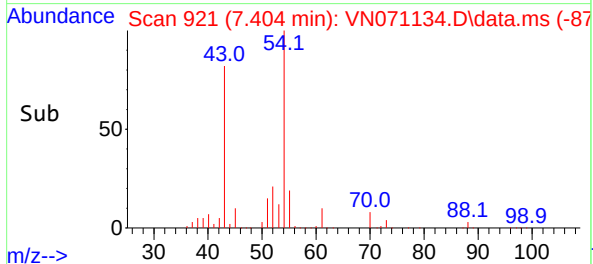
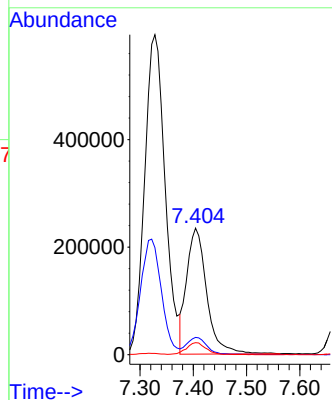
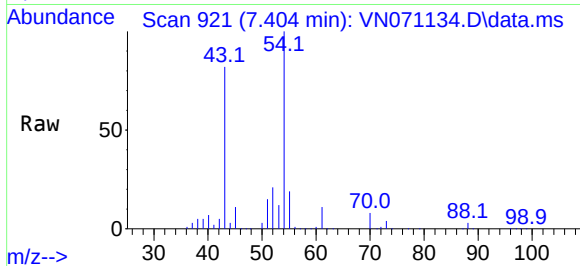


#37  
Ethyl Acetate  
Concen: 59.570 ug/l  
RT: 7.404 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 43 Resp: 610774  

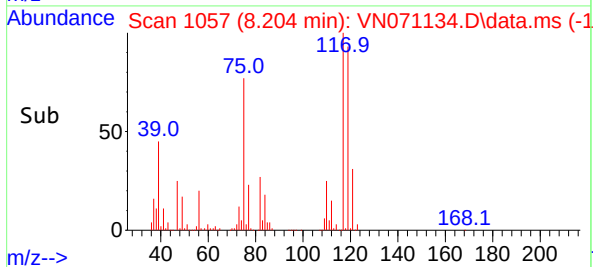
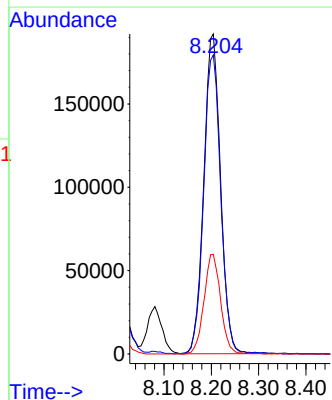
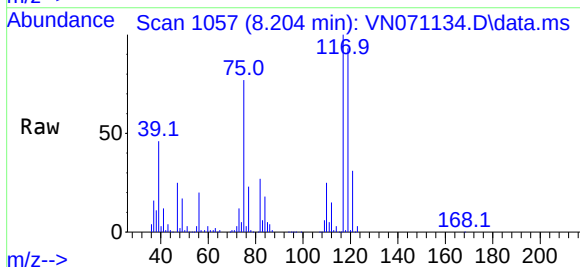
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 13.4  | 11.5  | 17.3  |
| 70  | 9.5   | 7.9   | 11.9  |

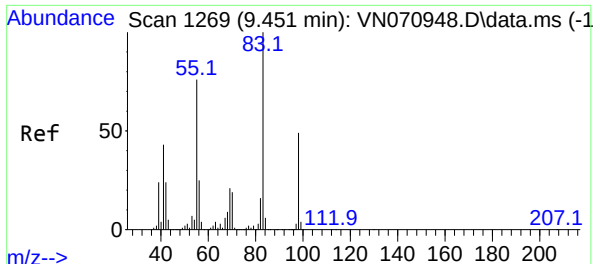


#38  
Carbon Tetrachloride  
Concen: 49.965 ug/l  
RT: 8.204 min Scan# 1057  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Tgt Ion: 117 Resp: 470657  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 93.5  | 76.1  | 114.1 |
| 121 | 31.2  | 24.2  | 36.2  |

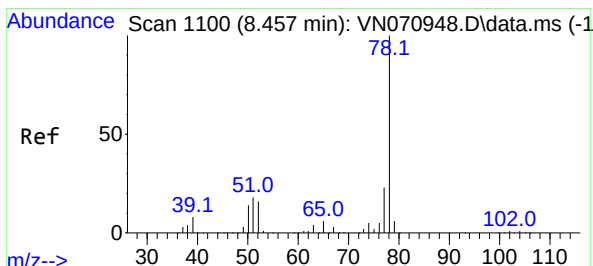
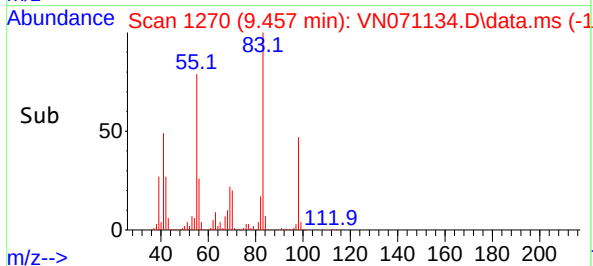
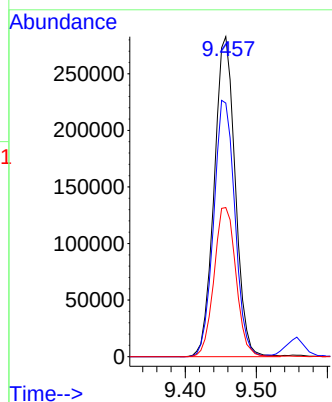
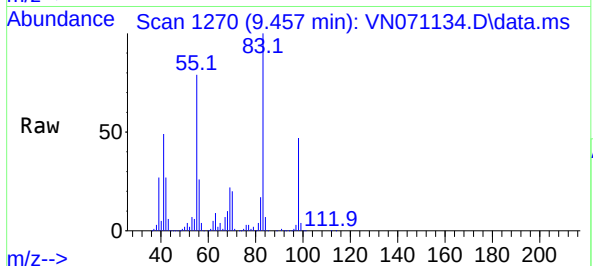




#39  
Methylcyclohexane  
Concen: 47.268 ug/l  
RT: 9.457 min Scan# 1100  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

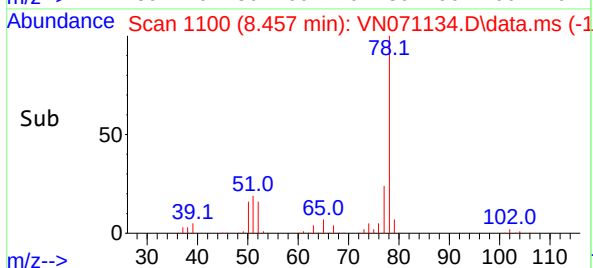
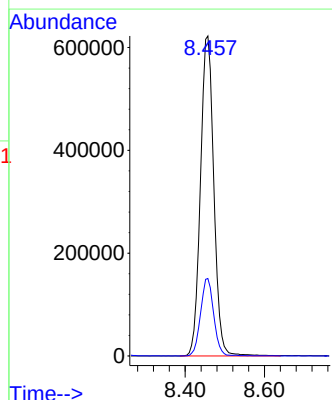
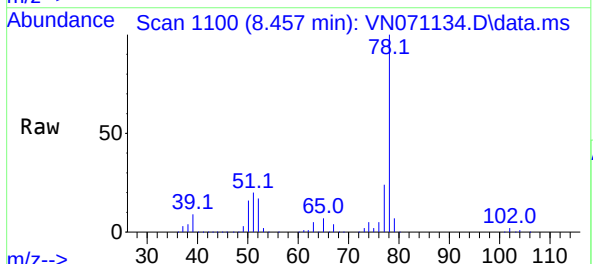
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 83 Resp: 581482  
Ion Ratio Lower Upper  
83 100  
55 79.3 58.1 87.1  
98 46.6 38.4 57.6

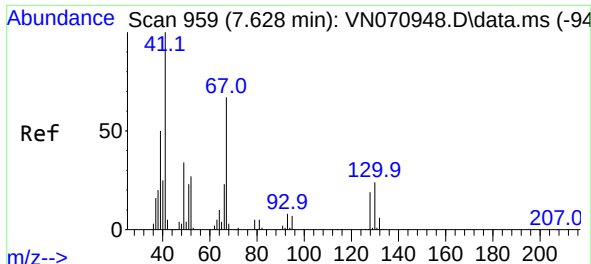


#40  
Benzene  
Concen: 51.525 ug/l  
RT: 8.457 min Scan# 1100  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Tgt Ion: 78 Resp: 1457098  
Ion Ratio Lower Upper  
78 100  
77 24.2 18.6 27.8

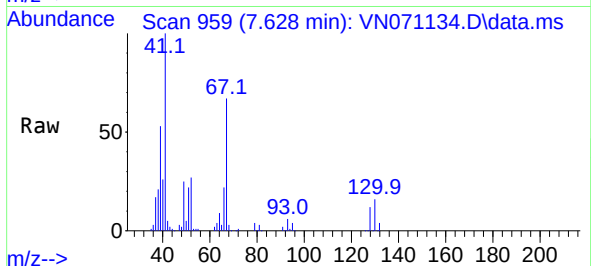




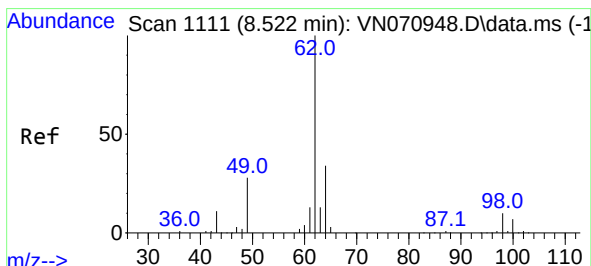
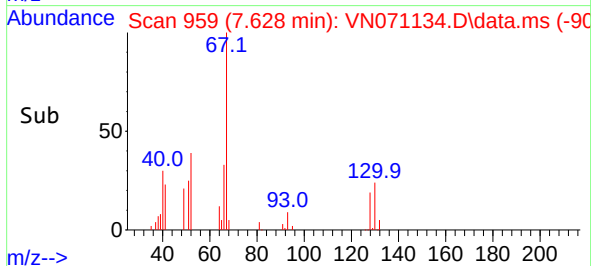
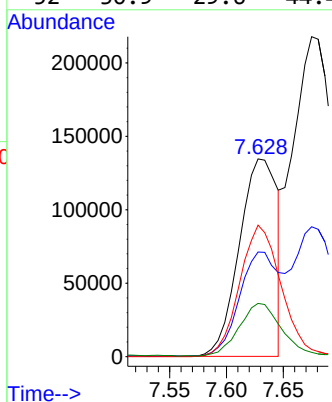


#41  
Methacrylonitrile  
Concen: 57.650 ug/l  
RT: 7.628 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Instrument :  
MSVOA\_N  
ClientSampleId :

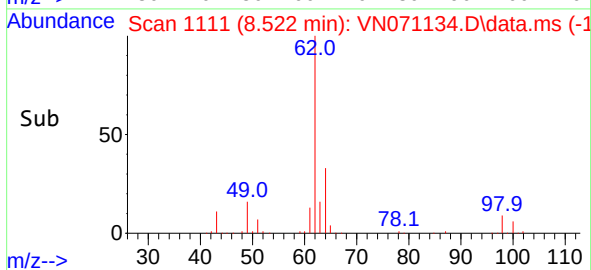
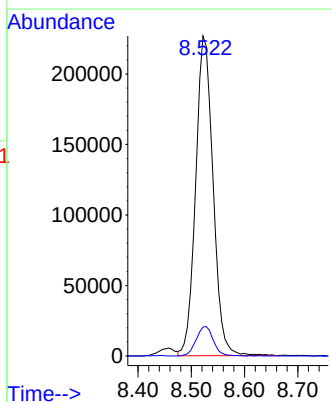
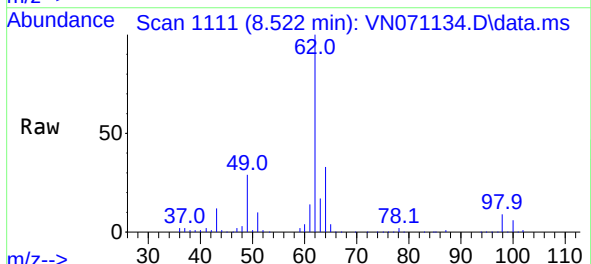


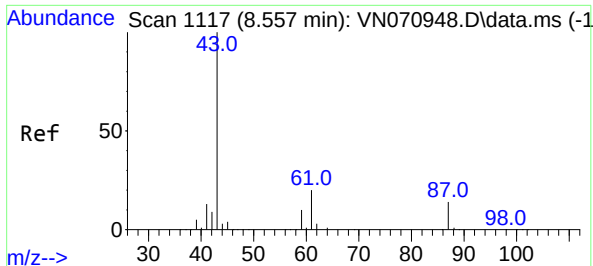
Tgt Ion: 41 Resp: 311316  
Ion Ratio Lower Upper  
41 100  
39 58.5 48.1 72.1  
67 74.3 68.3 102.5  
52 30.9 29.6 44.4



#42  
1,2-Dichloroethane  
Concen: 53.487 ug/l  
RT: 8.522 min Scan# 1111  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Tgt Ion: 62 Resp: 515157  
Ion Ratio Lower Upper  
62 100  
98 9.1 0.0 17.6

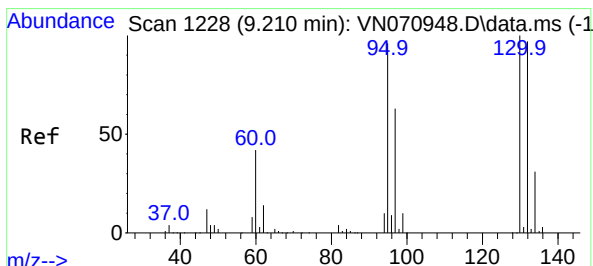
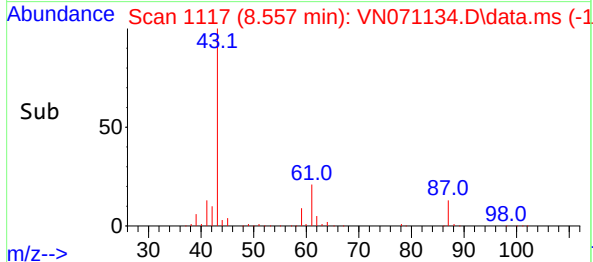
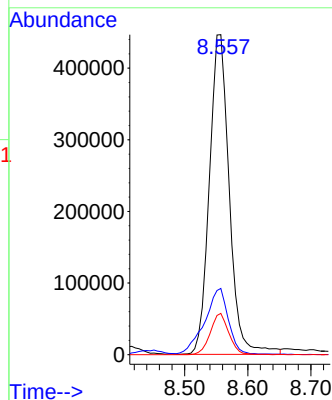
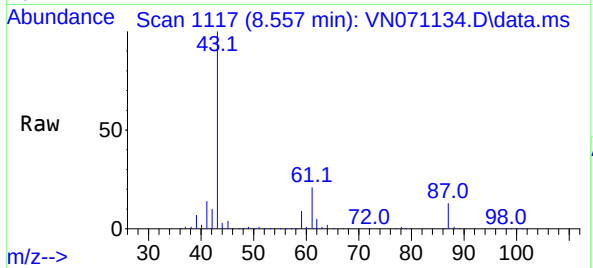




#43  
Isopropyl Acetate  
Concen: 60.616 ug/l  
RT: 8.557 min Scan# 1117  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

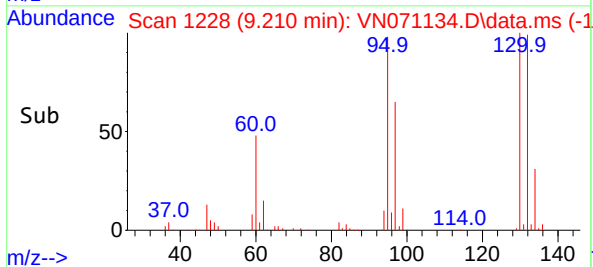
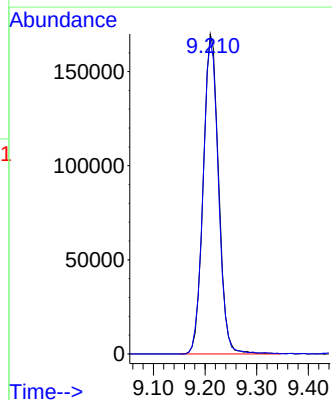
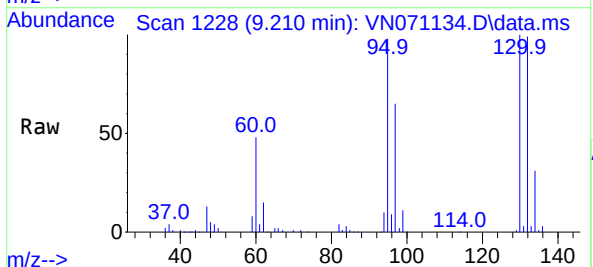
Instrument :  
MSVOA\_N  
ClientSampleId :

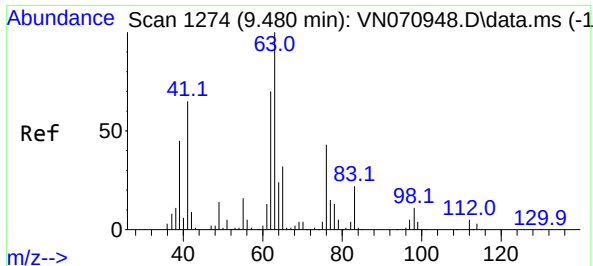
Tgt Ion: 43 Resp: 979627  
Ion Ratio Lower Upper  
43 100  
61 24.5 20.4 30.6  
87 12.0 11.2 16.8



#44  
Trichloroethene  
Concen: 47.134 ug/l  
RT: 9.210 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Tgt Ion: 130 Resp: 350992  
Ion Ratio Lower Upper  
130 100  
95 98.1 0.0 191.2

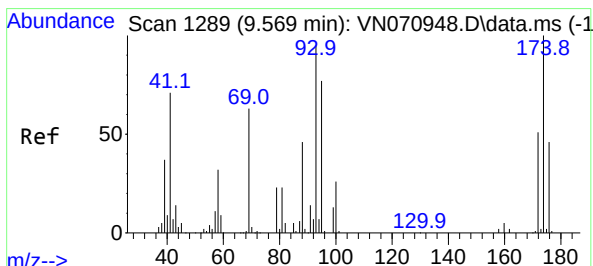
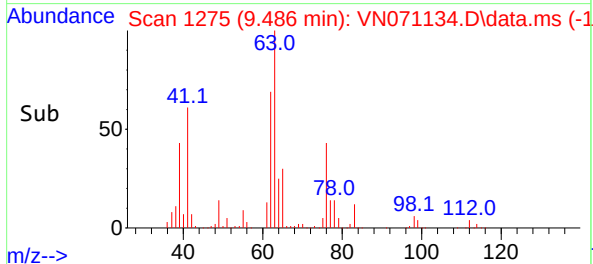
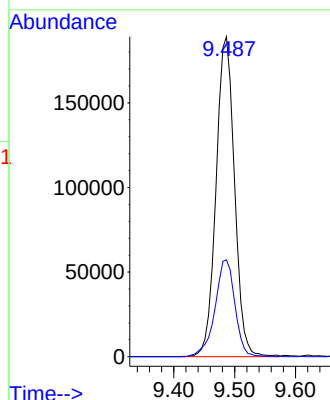
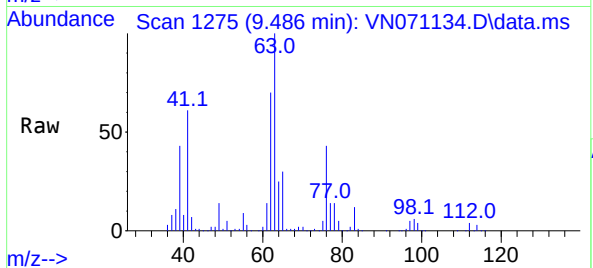




#45  
1,2-Dichloropropane  
Concen: 54.886 ug/l  
RT: 9.486 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

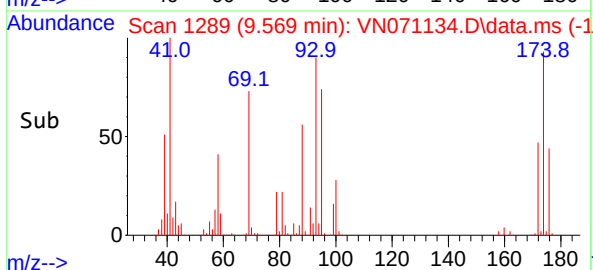
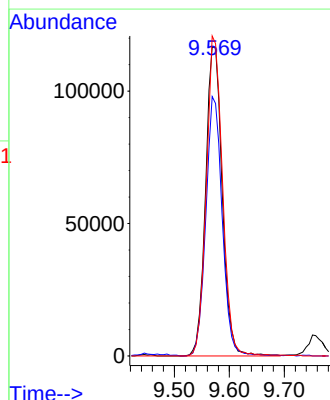
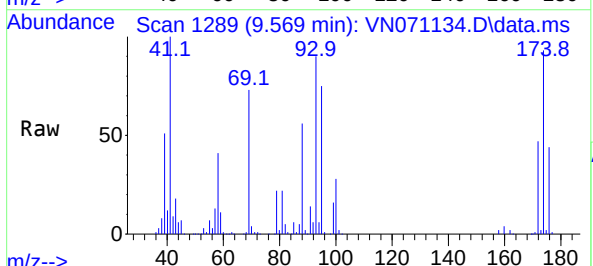
Instrument :  
MSVOA\_N  
ClientSampleId :

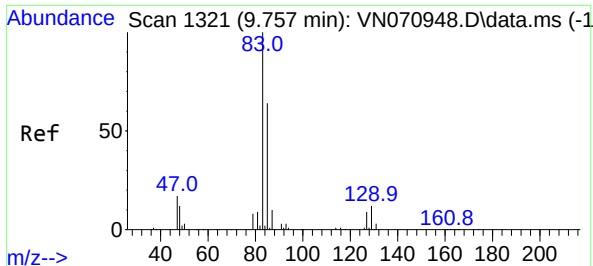
Tgt Ion: 63 Resp: 397587  
Ion Ratio Lower Upper  
63 100  
65 30.2 24.7 37.1



#46  
Dibromomethane  
Concen: 51.522 ug/l  
RT: 9.569 min Scan# 1289  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Tgt Ion: 93 Resp: 245612  
Ion Ratio Lower Upper  
93 100  
95 82.6 65.9 98.9  
174 100.8 84.6 127.0

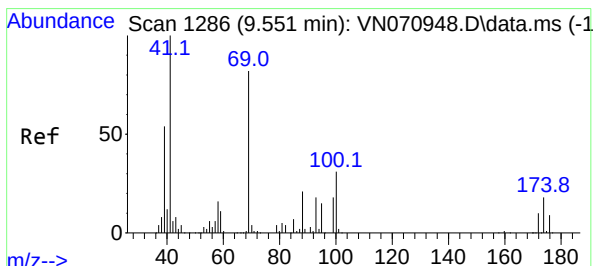
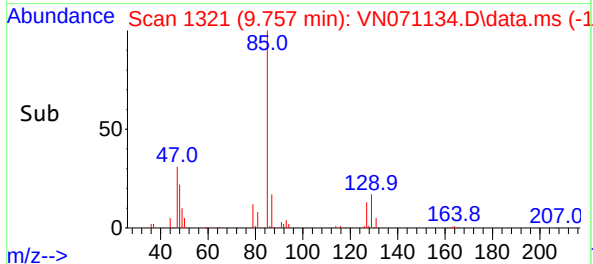
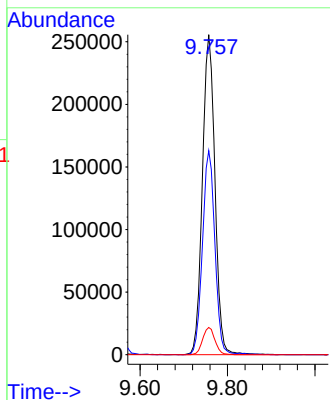
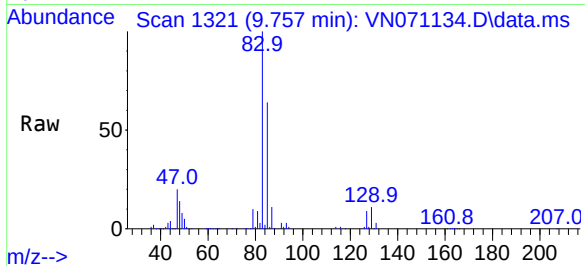




#47  
Bromodichloromethane  
Concen: 52.975 ug/l  
RT: 9.757 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

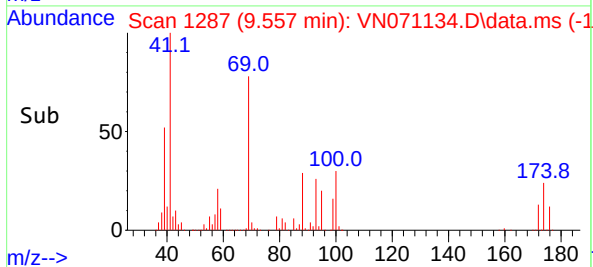
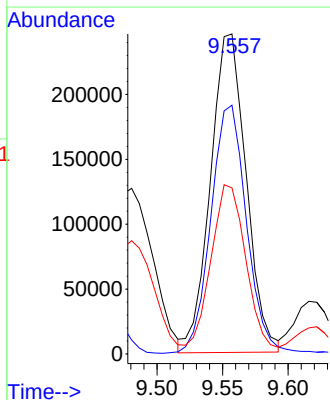
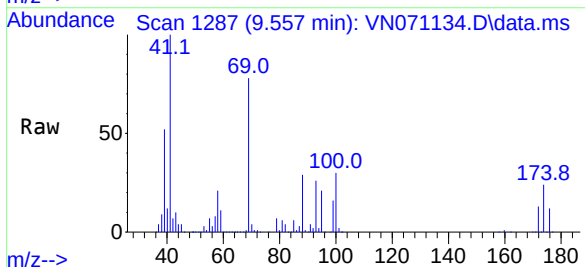
Instrument :  
MSVOA\_N  
ClientSampleId :

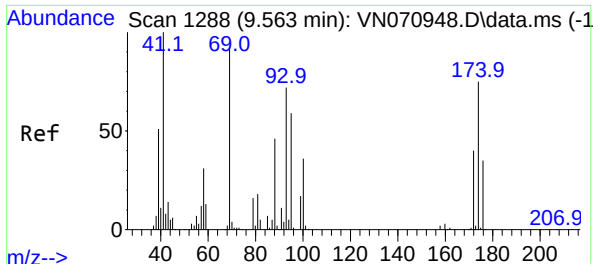
Tgt Ion: 83 Resp: 510394  
Ion Ratio Lower Upper  
83 100  
85 63.7 50.9 76.3  
127 8.5 7.1 10.7



#48  
Methyl methacrylate  
Concen: 60.879 ug/l  
RT: 9.557 min Scan# 1287  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

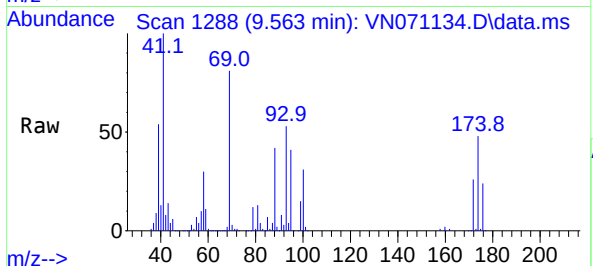
Tgt Ion: 41 Resp: 465697  
Ion Ratio Lower Upper  
41 100  
69 78.1 72.4 108.6  
39 52.1 58.4 87.6#



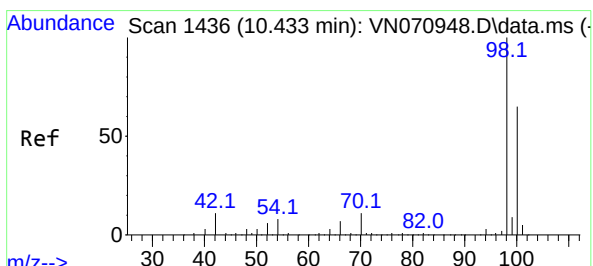
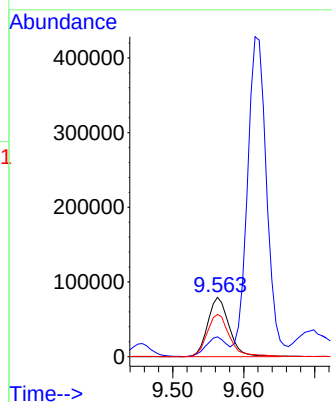
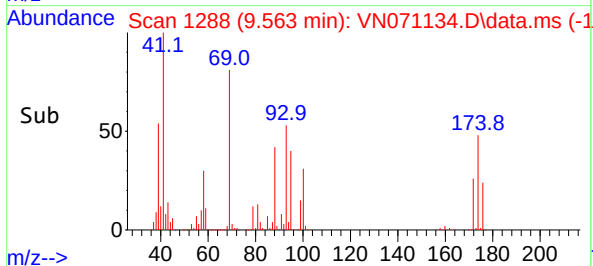


#49  
1,4-Dioxane  
Concen: 1223.958 ug/l  
RT: 9.563 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

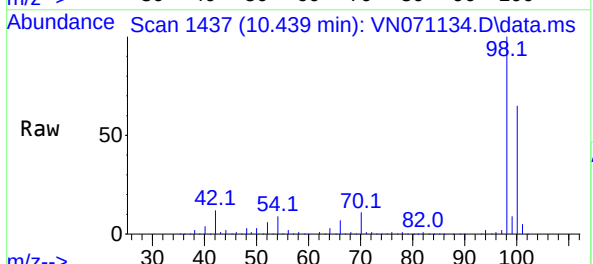
Instrument :  
MSVOA\_N  
ClientSampleId :



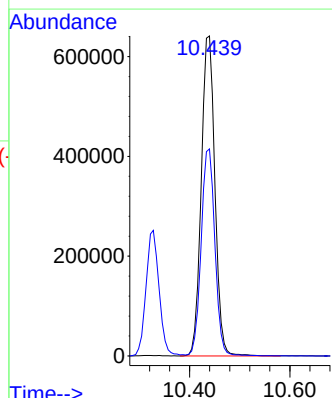
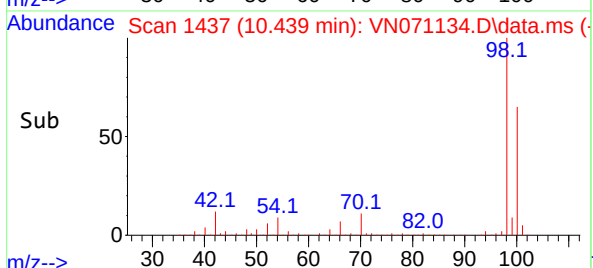
Tgt Ion: 88 Resp: 166295  
Ion Ratio Lower Upper  
88 100  
43 31.0 23.4 35.2  
58 75.6 50.6 75.8

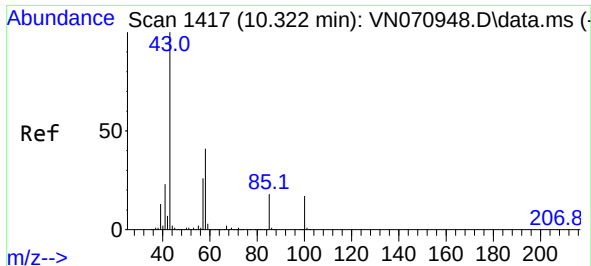


#50  
Toluene-d8  
Concen: 51.664 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18



Tgt Ion: 98 Resp: 1210725  
Ion Ratio Lower Upper  
98 100  
100 65.1 50.4 75.6

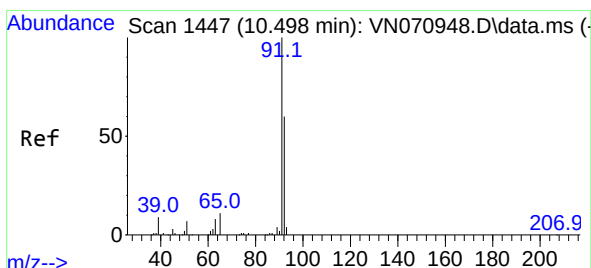
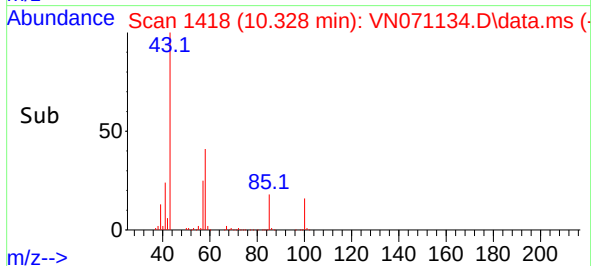
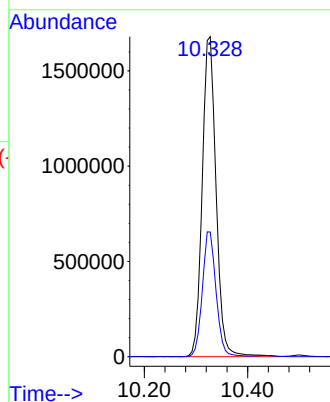
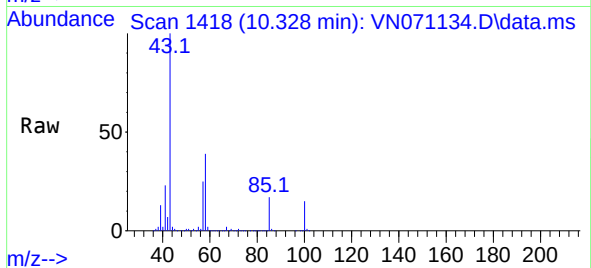




#51  
4-Methyl-2-Pentanone  
Concen: 317.639 ug/l  
RT: 10.328 min Scan# 1417  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

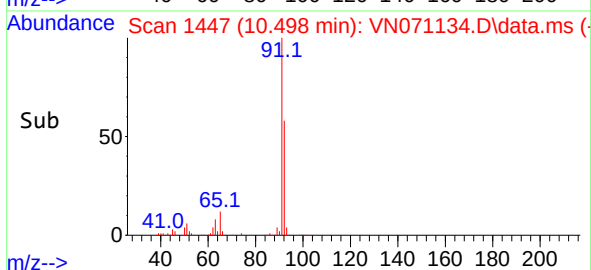
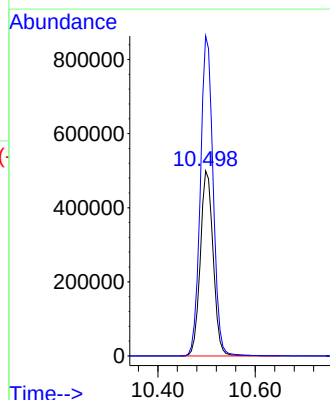
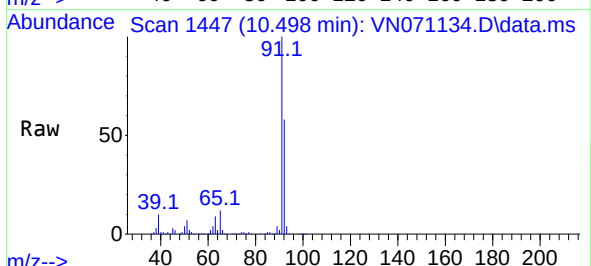
Instrument :  
MSVOA\_N  
ClientSampleId :

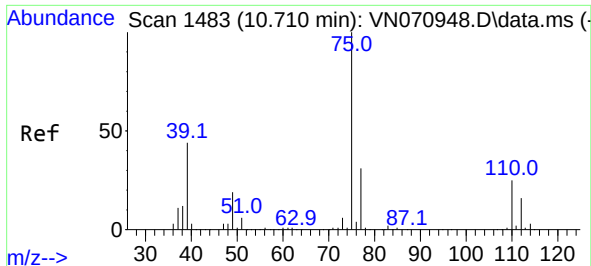
Tgt Ion: 43 Resp: 3123304  
Ion Ratio Lower Upper  
43 100  
58 38.6 30.4 45.6



#52  
Toluene  
Concen: 51.492 ug/l  
RT: 10.498 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Tgt Ion: 92 Resp: 915002  
Ion Ratio Lower Upper  
92 100  
91 171.8 142.0 213.0

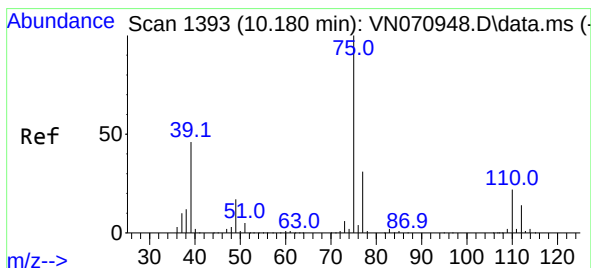
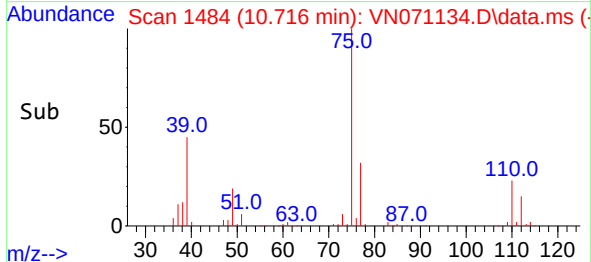
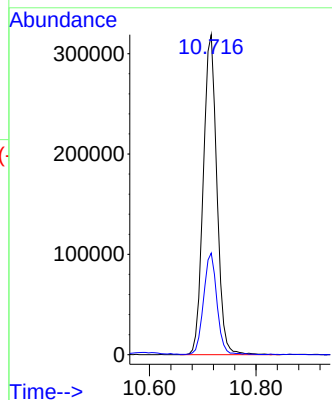
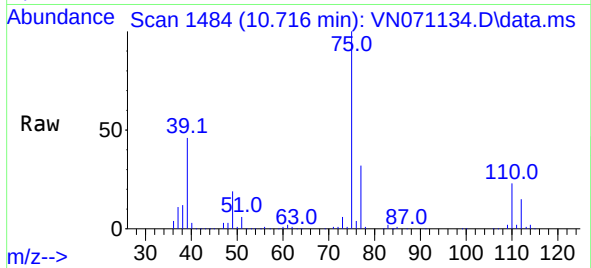




#53  
t-1,3-Dichloropropene  
Concen: 53.828 ug/l  
RT: 10.716 min Scan# 1484  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

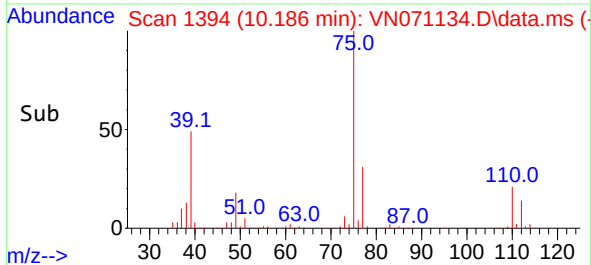
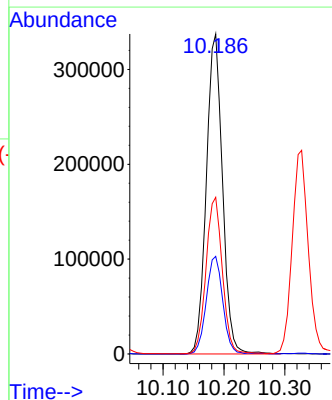
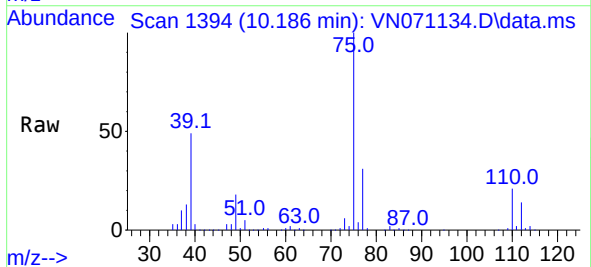
Instrument :  
MSVOA\_N  
ClientSampleId :

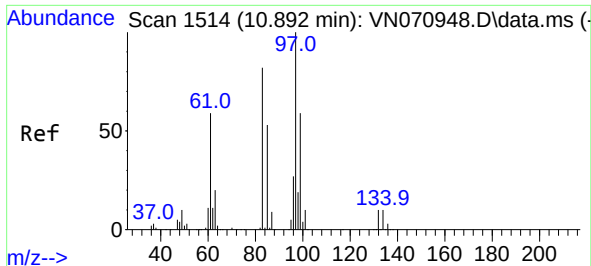
Tgt Ion: 75 Resp: 563920  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.6 38.4



#54  
cis-1,3-Dichloropropene  
Concen: 54.072 ug/l  
RT: 10.186 min Scan# 1394  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

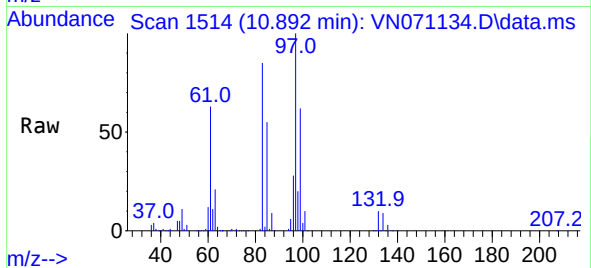
Tgt Ion: 75 Resp: 622104  
Ion Ratio Lower Upper  
75 100  
77 30.5 26.4 39.6  
39 48.9 42.5 63.7





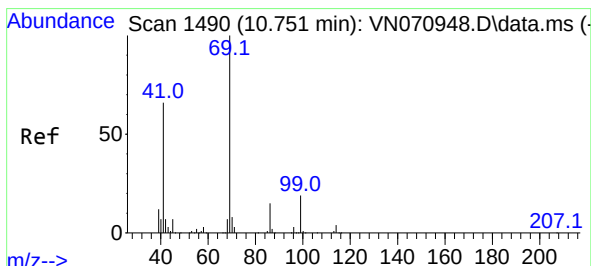
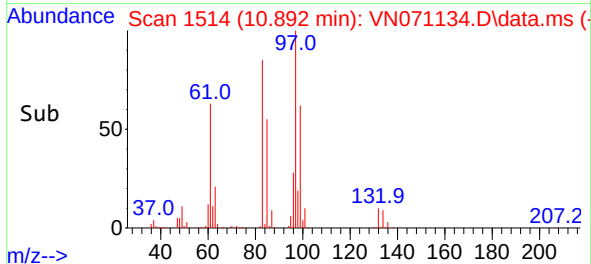
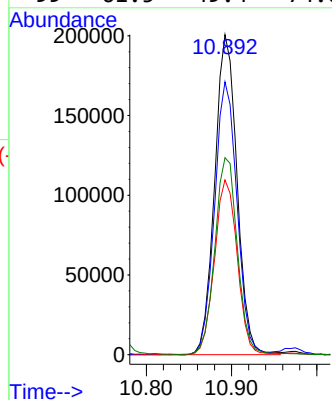
#55  
1,1,2-Trichloroethane  
Concen: 52.548 ug/l  
RT: 10.892 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 97 Resp: 365509

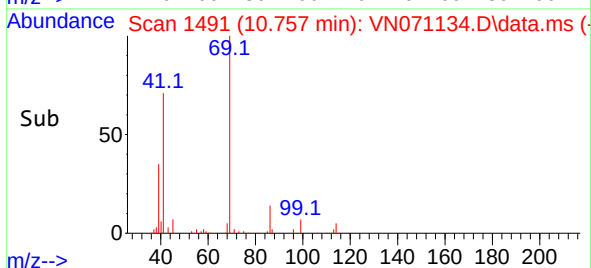
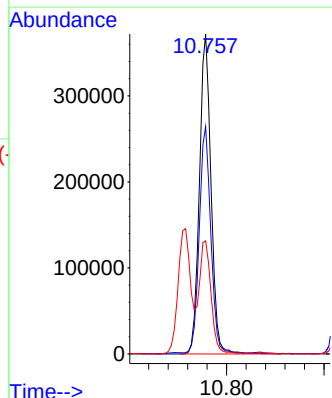
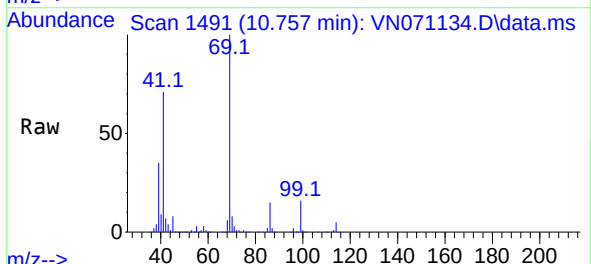
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 85.2  | 67.8  | 101.6 |
| 85  | 54.6  | 45.4  | 68.2  |
| 99  | 61.5  | 49.4  | 74.0  |



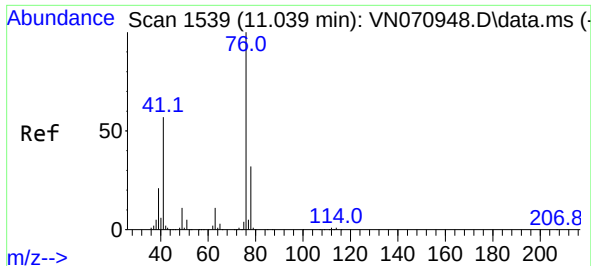
#56  
Ethyl methacrylate  
Concen: 58.875 ug/l  
RT: 10.757 min Scan# 1491  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Tgt Ion: 69 Resp: 617012

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 70.2  | 51.4  | 77.0  |
| 39  | 36.0  | 34.6  | 52.0  |







#57

1,3-Dichloropropane

Concen: 54.652 ug/l

RT: 11.039 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN071134.D

Acq: 02 Mar 2022 10:18

Instrument :

MSVOA\_N

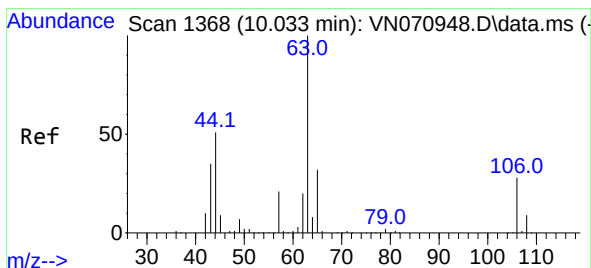
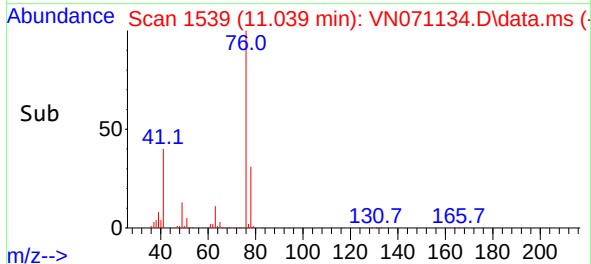
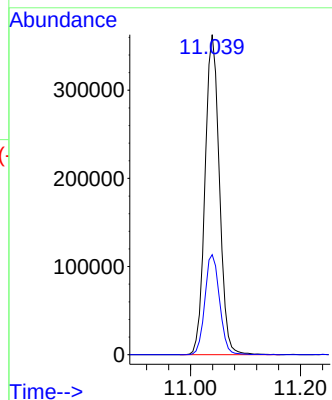
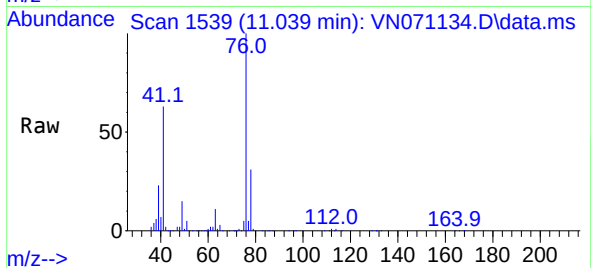
ClientSampleId :

Tgt Ion: 76 Resp: 657545

Ion Ratio Lower Upper

76 100

78 32.1 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 233.002 ug/l

RT: 10.034 min Scan# 1368

Delta R.T. 0.001 min

Lab File: VN071134.D

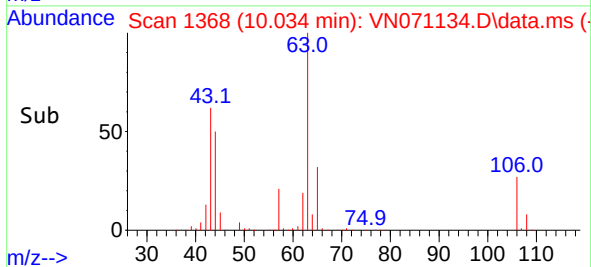
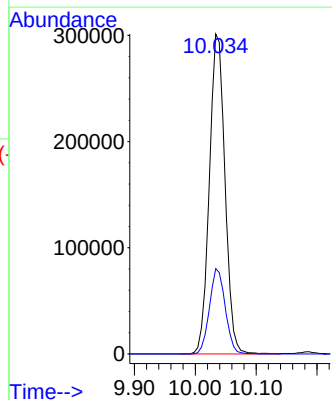
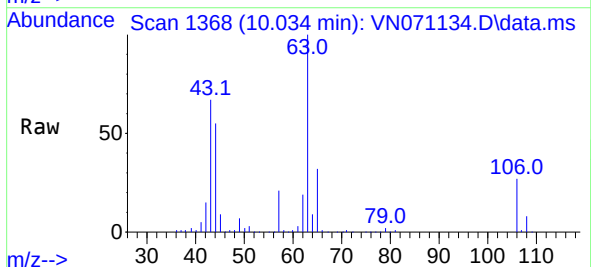
Acq: 02 Mar 2022 10:18

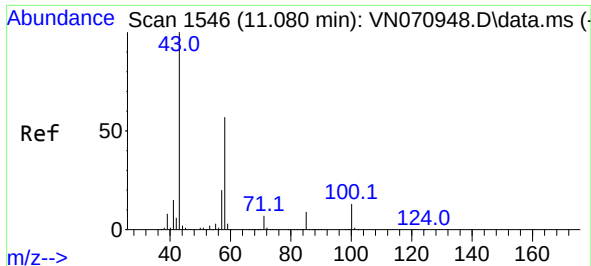
Tgt Ion: 63 Resp: 537394

Ion Ratio Lower Upper

63 100

106 26.9 23.9 35.9

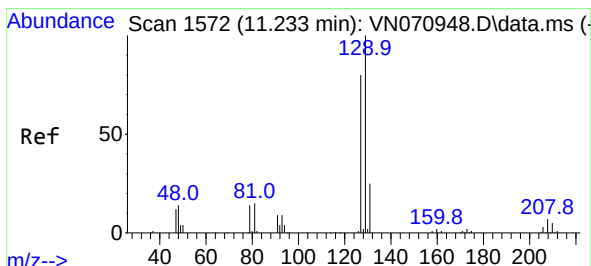
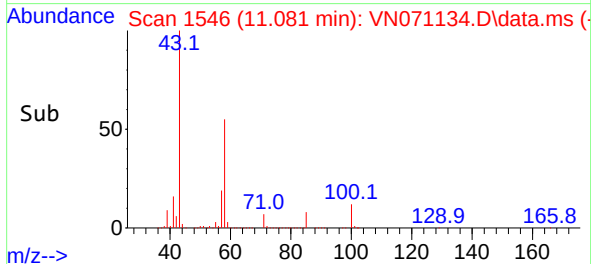
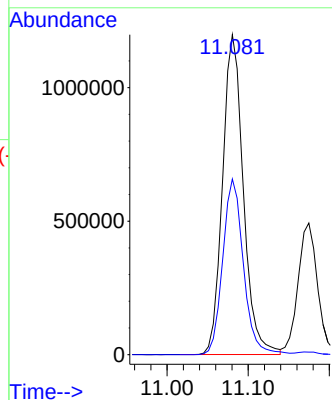
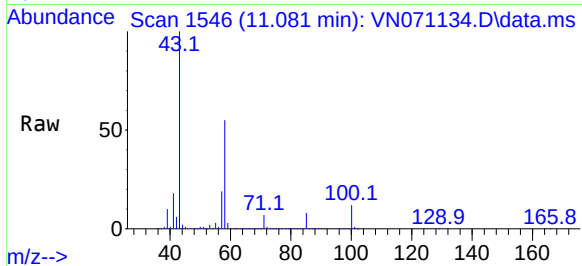




#59  
2-Hexanone  
Concen: 315.768 ug/l  
RT: 11.081 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

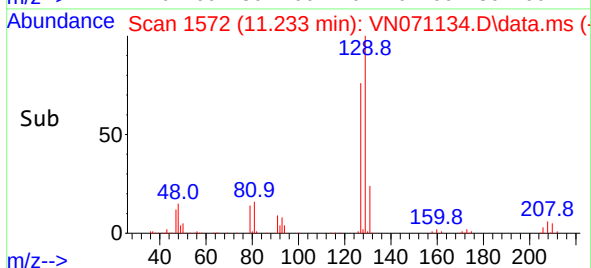
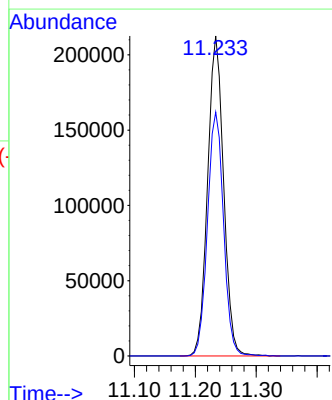
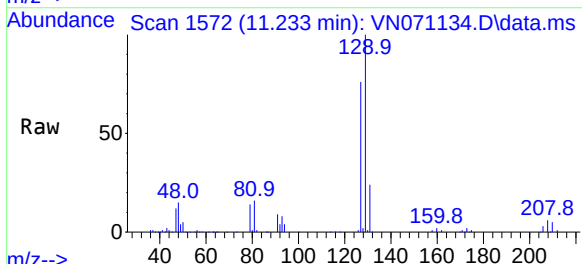
Instrument :  
MSVOA\_N  
ClientSampleId :

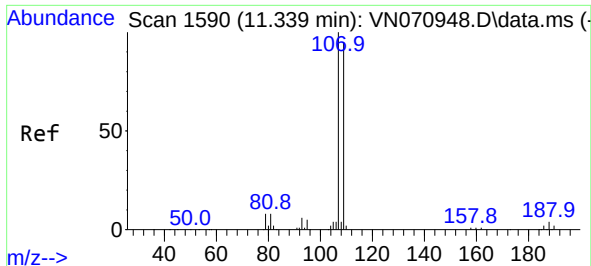
Tgt Ion: 43 Resp: 2135404  
Ion Ratio Lower Upper  
43 100  
58 54.7 26.9 80.7



#60  
Dibromochloromethane  
Concen: 52.602 ug/l  
RT: 11.233 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Tgt Ion:129 Resp: 386673  
Ion Ratio Lower Upper  
129 100  
127 76.6 38.6 116.0

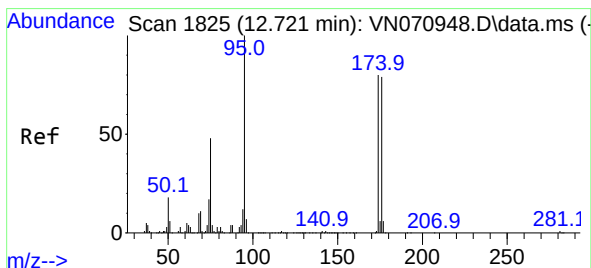
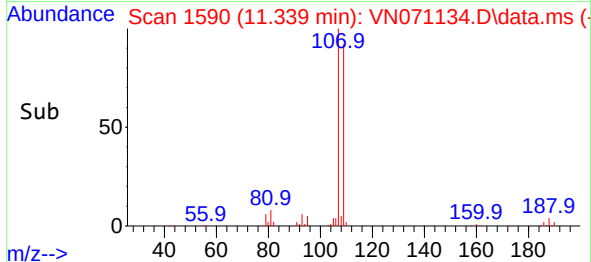
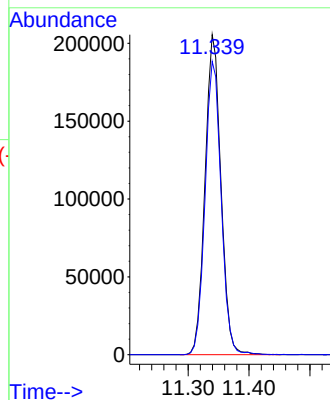
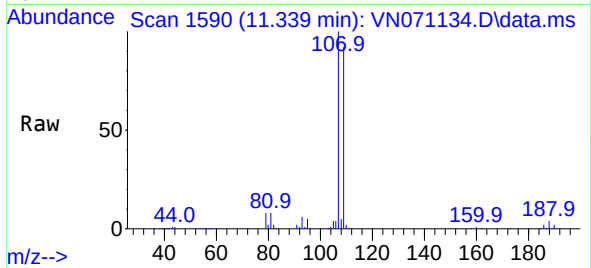




#61  
1,2-Dibromoethane  
Concen: 52.655 ug/l  
RT: 11.339 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

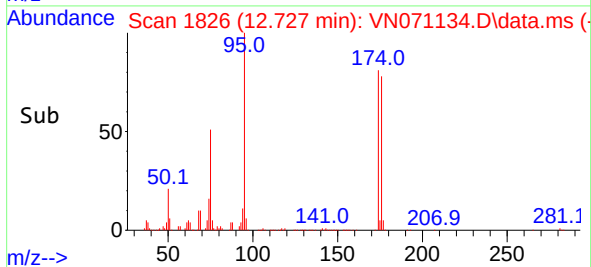
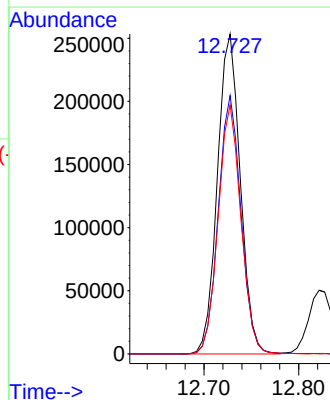
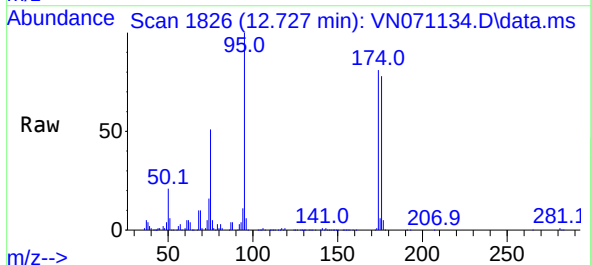
Instrument :  
MSVOA\_N  
ClientSampleId :

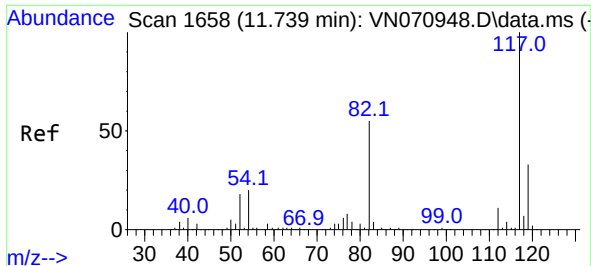
Tgt Ion:107 Resp: 372533  
Ion Ratio Lower Upper  
107 100  
109 92.7 75.7 113.5



#62  
4-Bromofluorobenzene  
Concen: 50.791 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Tgt Ion: 95 Resp: 425453  
Ion Ratio Lower Upper  
95 100  
174 80.1 0.0 187.2  
176 77.4 0.0 181.4

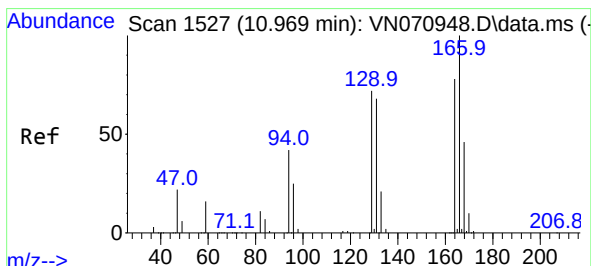
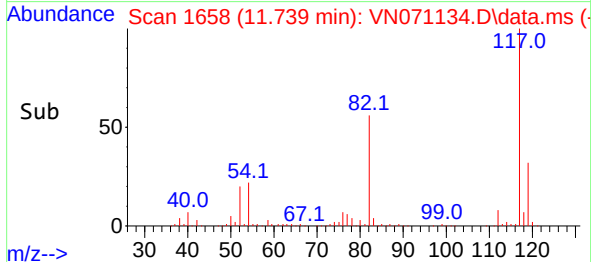
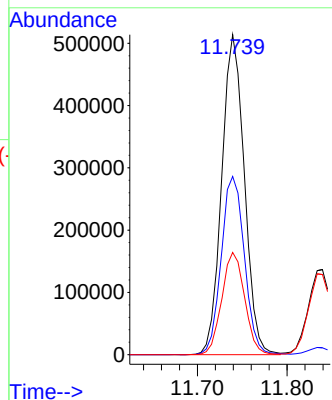
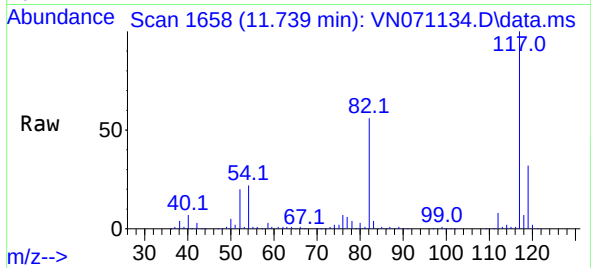




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

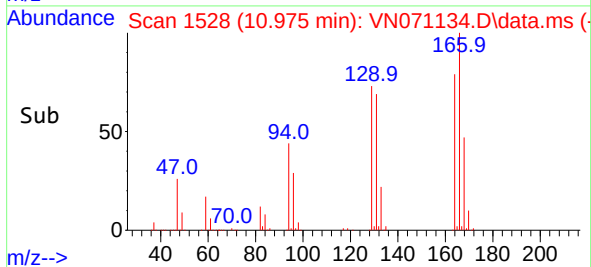
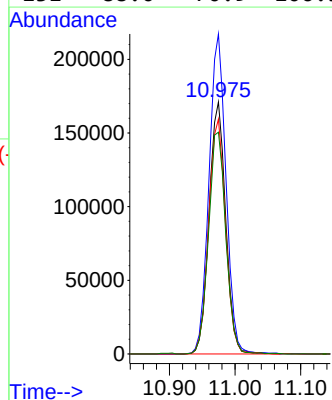
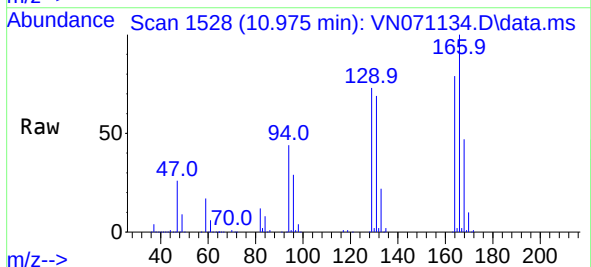
Instrument :  
MSVOA\_N  
ClientSampleId :

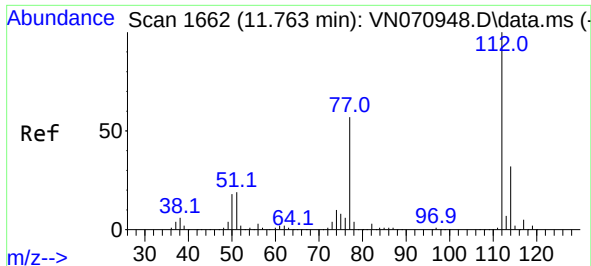
Tgt Ion:117 Resp: 900350  
Ion Ratio Lower Upper  
117 100  
82 55.7 42.4 63.6  
119 32.0 25.4 38.2



#64  
Tetrachloroethene  
Concen: 43.237 ug/l  
RT: 10.975 min Scan# 1528  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Tgt Ion:164 Resp: 303175  
Ion Ratio Lower Upper  
164 100  
166 127.0 101.9 152.9  
129 93.2 72.0 108.0  
131 88.0 70.9 106.3

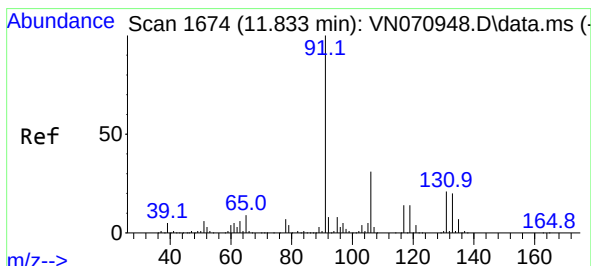
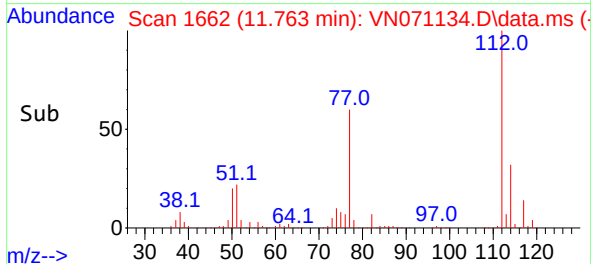
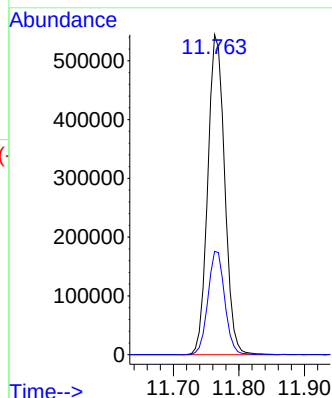
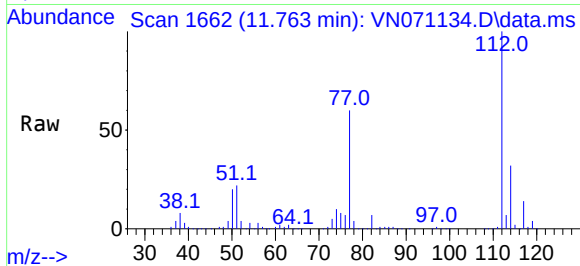




#65  
Chlorobenzene  
Concen: 50.312 ug/l  
RT: 11.763 min Scan# 1662  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

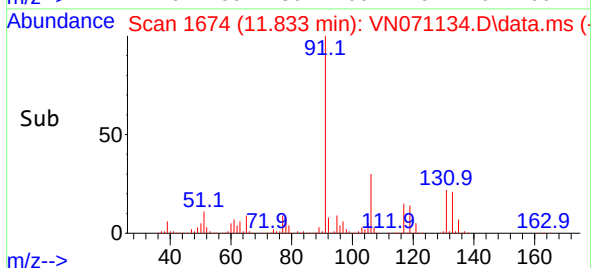
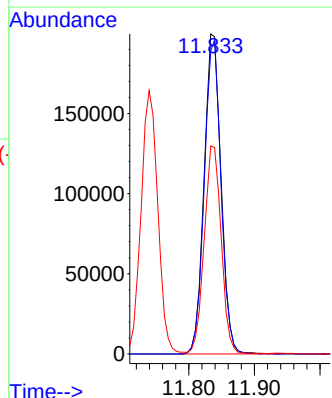
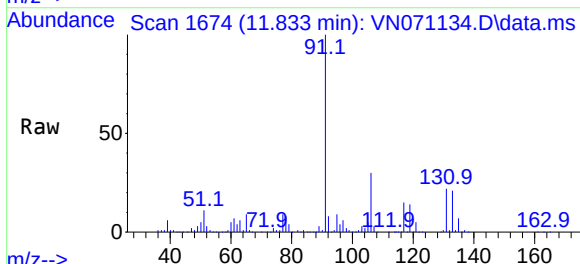
Instrument :  
MSVOA\_N  
ClientSampleId :

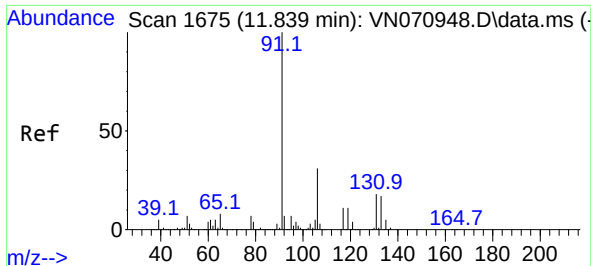
Tgt Ion:112 Resp: 976105  
Ion Ratio Lower Upper  
112 100  
114 32.3 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.739 ug/l  
RT: 11.833 min Scan# 1674  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Tgt Ion:131 Resp: 358834  
Ion Ratio Lower Upper  
131 100  
133 96.5 47.9 143.7  
119 64.9 32.1 96.5

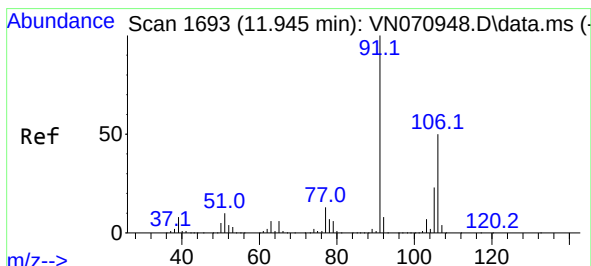
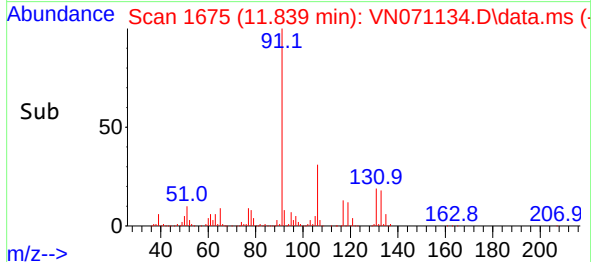
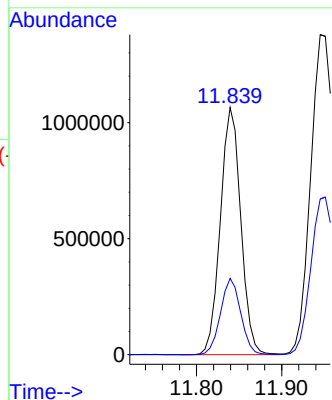
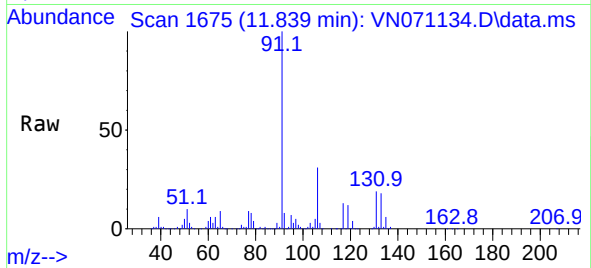




#67  
Ethyl Benzene  
Concen: 52.380 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

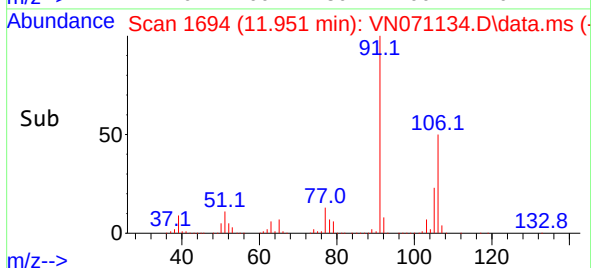
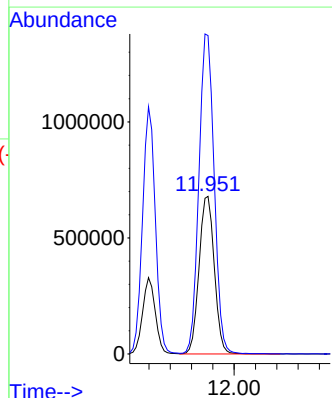
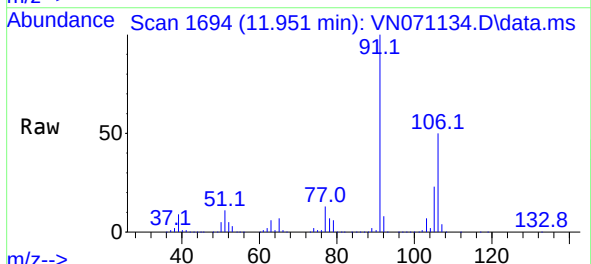
Instrument :  
MSVOA\_N  
ClientSampleId :

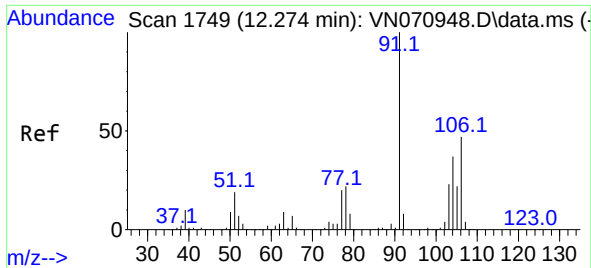
Tgt Ion: 91 Resp: 1778646  
Ion Ratio Lower Upper  
91 100  
106 30.9 25.7 38.5



#68  
m/p-Xylenes  
Concen: 102.644 ug/l  
RT: 11.951 min Scan# 1694  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Tgt Ion:106 Resp: 1346312  
Ion Ratio Lower Upper  
106 100  
91 203.4 160.6 240.8

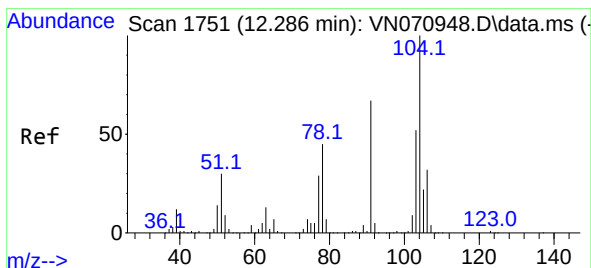
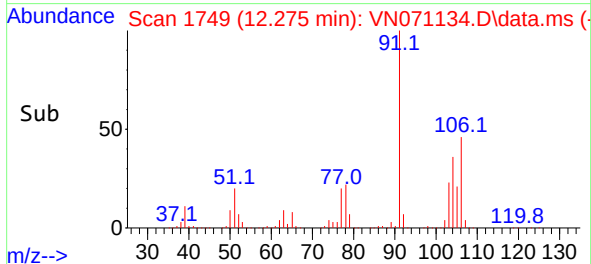
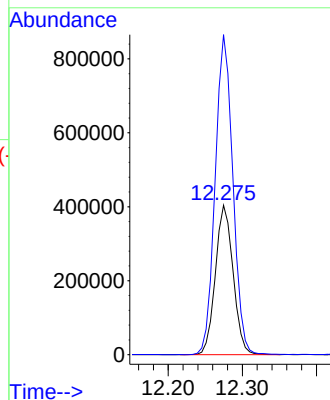
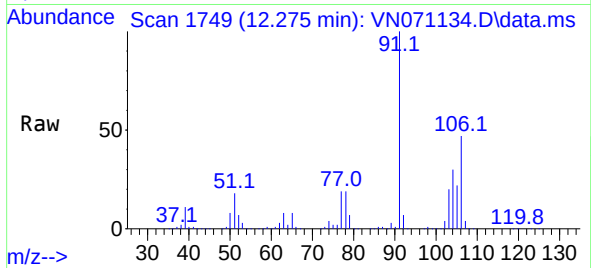




#69  
o-Xylene  
Concen: 52.348 ug/l  
RT: 12.275 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

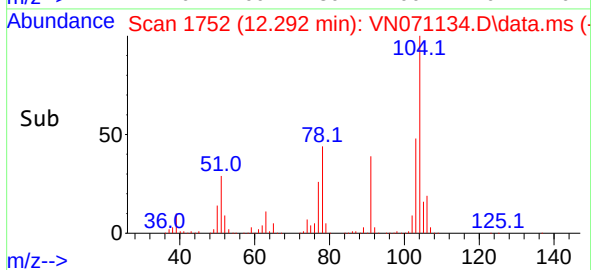
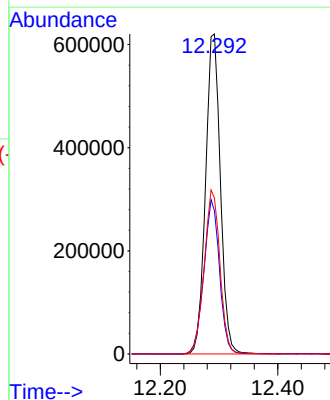
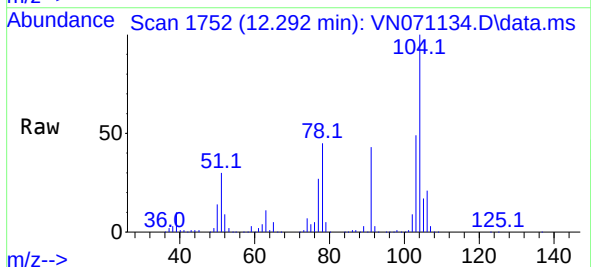
Instrument :  
MSVOA\_N  
ClientSampleId :

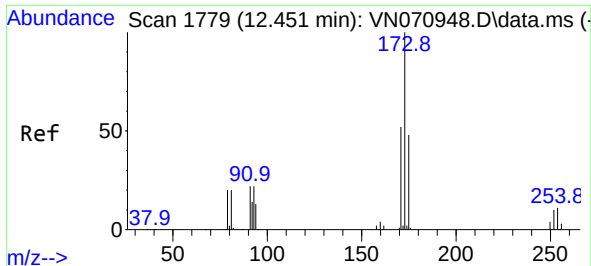
Tgt Ion:106 Resp: 670730  
Ion Ratio Lower Upper  
106 100  
91 214.0 105.8 317.3



#70  
Styrene  
Concen: 53.609 ug/l  
RT: 12.292 min Scan# 1752  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Tgt Ion:104 Resp: 1092197  
Ion Ratio Lower Upper  
104 100  
78 50.7 38.7 58.1  
103 54.4 45.0 67.6

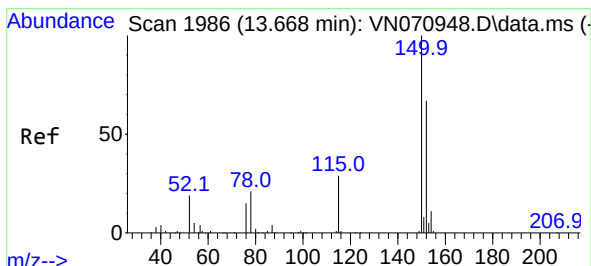
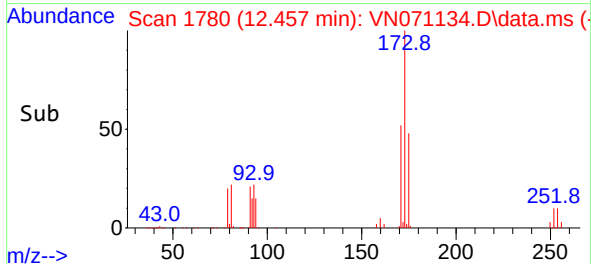
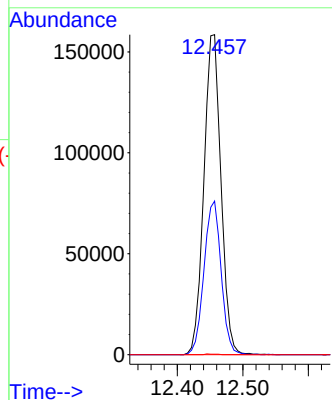
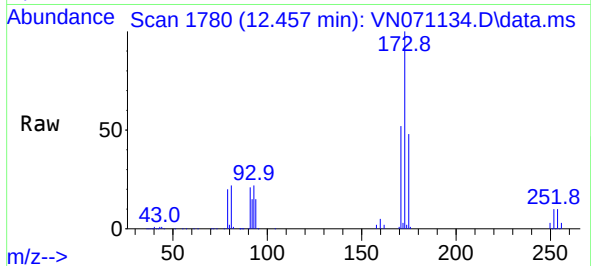




#71  
Bromoform  
Concen: 51.125 ug/l  
RT: 12.457 min Scan# 1779  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

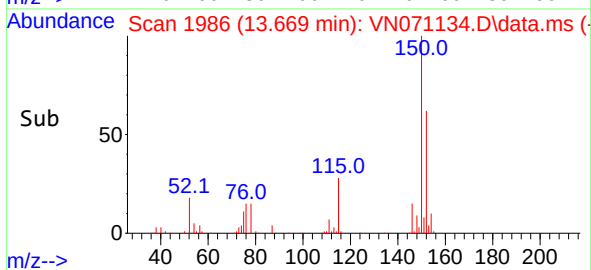
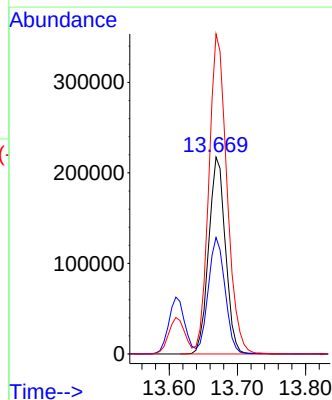
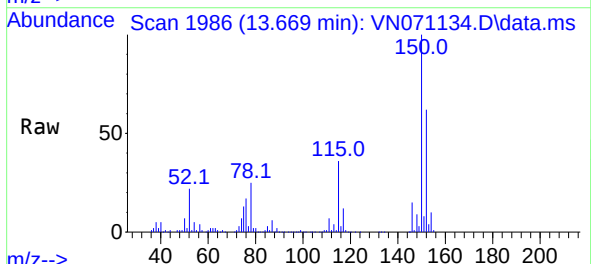
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:173 Resp: 287957  
Ion Ratio Lower Upper  
173 100  
175 48.2 24.2 72.6  
254 0.1 0.0 0.0#

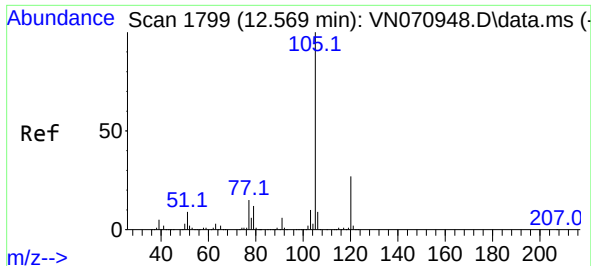


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.669 min Scan# 1986  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Tgt Ion:152 Resp: 371521  
Ion Ratio Lower Upper  
152 100  
115 59.3 27.5 82.5  
150 176.0 0.0 344.4



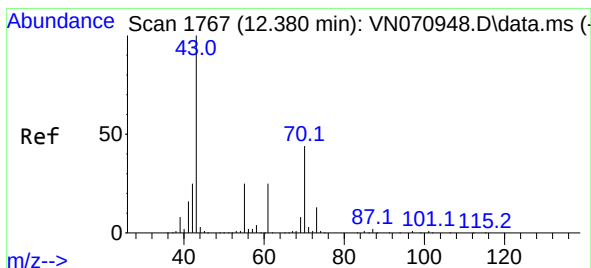
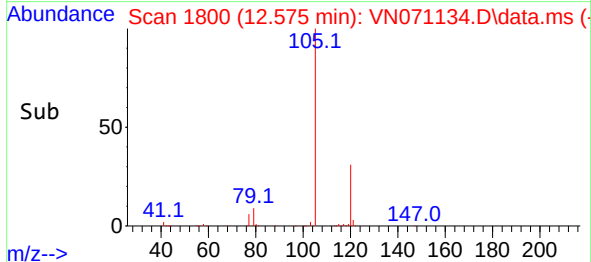
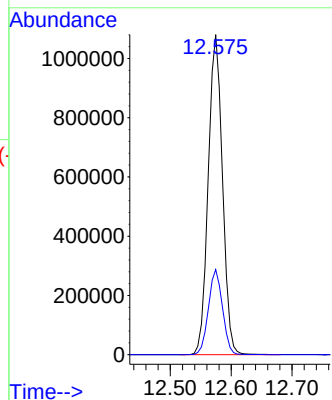
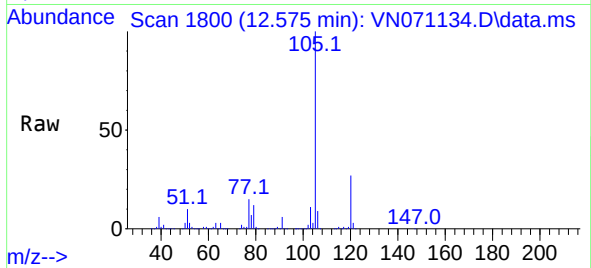




#73  
Isopropylbenzene  
Concen: 58.761 ug/l  
RT: 12.575 min Scan# 1799  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

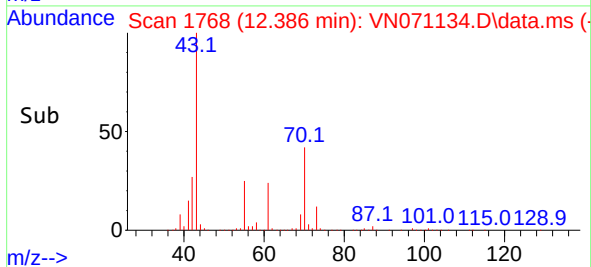
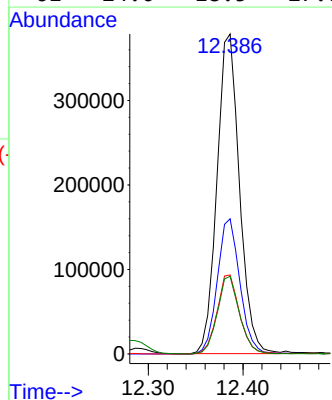
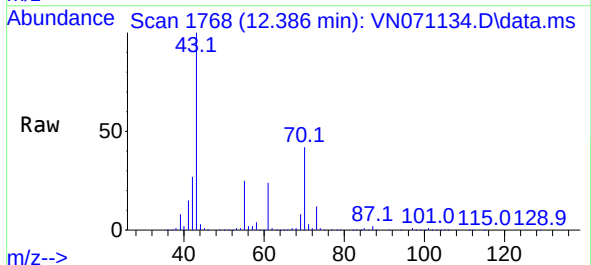
Instrument :  
MSVOA\_N  
ClientSampleId :

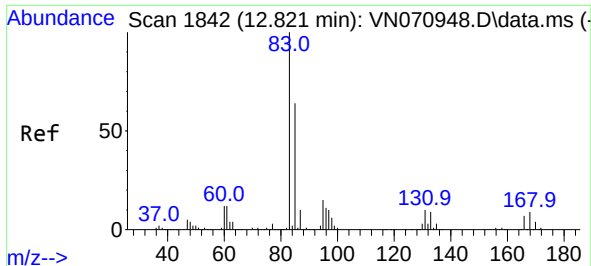
Tgt Ion:105 Resp: 1757210  
Ion Ratio Lower Upper  
105 100  
120 26.2 13.4 40.1



#74  
N-ethyl acetate  
Concen: 65.397 ug/l  
RT: 12.386 min Scan# 1768  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Tgt Ion: 43 Resp: 625131  
Ion Ratio Lower Upper  
43 100  
70 42.6 33.4 50.0  
55 24.9 19.3 28.9  
61 24.0 18.5 27.7

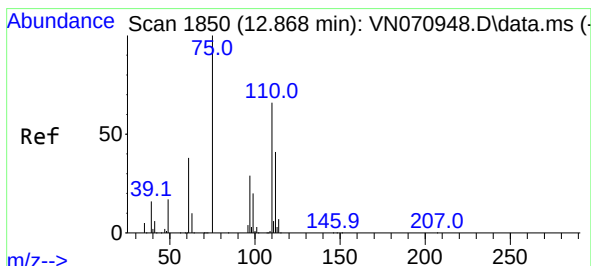
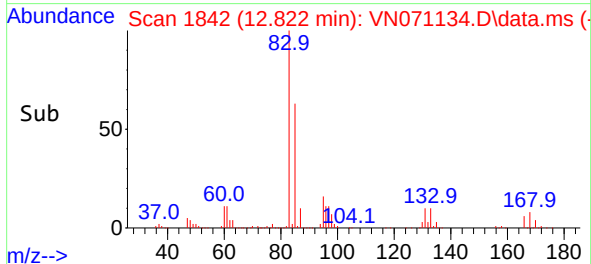
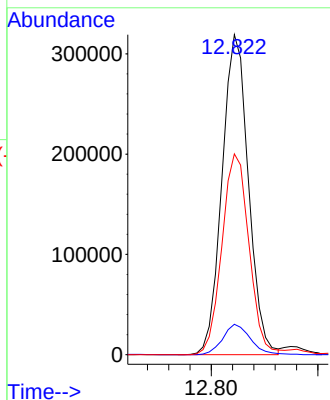
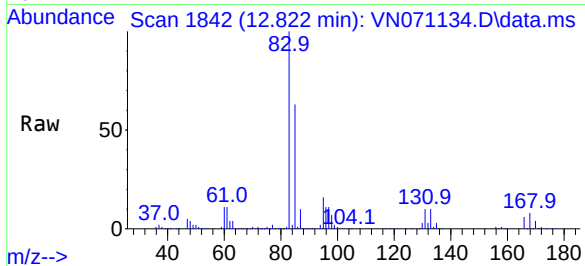




#75  
1,1,2,2-Tetrachloroethane  
Concen: 57.810 ug/l  
RT: 12.822 min Scan# 1842  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

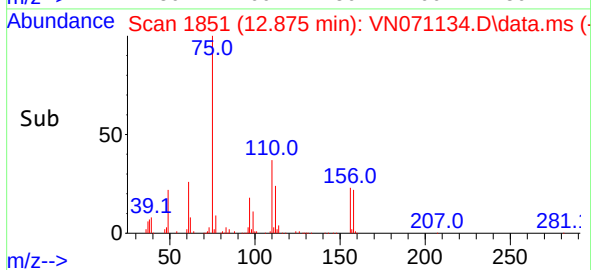
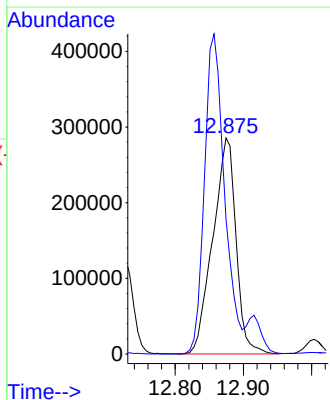
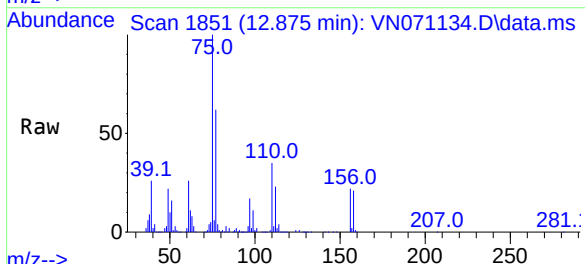
Instrument :  
MSVOA\_N  
ClientSampleId :

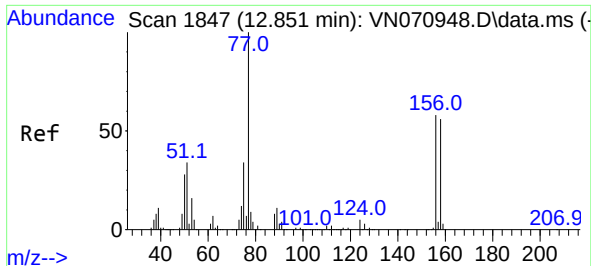
Tgt Ion: 83 Resp: 549351  
Ion Ratio Lower Upper  
83 100  
131 10.0 5.5 16.5  
85 64.4 32.4 97.2



#76  
1,2,3-Trichloropropane  
Concen: 77.366 ug/l  
RT: 12.875 min Scan# 1851  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Tgt Ion: 75 Resp: 676759  
Ion Ratio Lower Upper  
75 100  
77 127.9 82.6 247.8

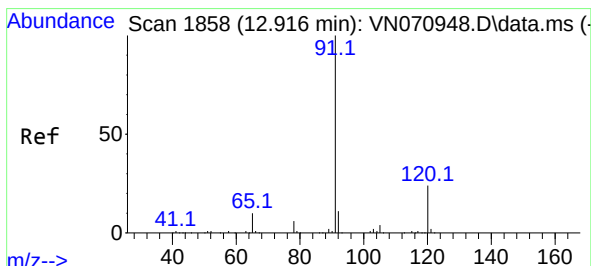
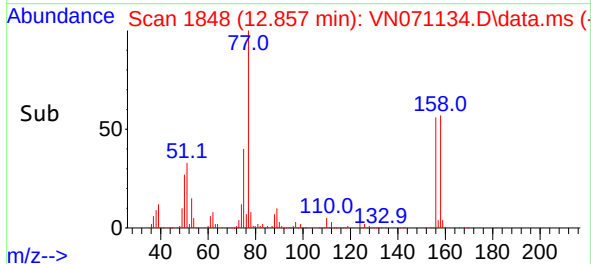
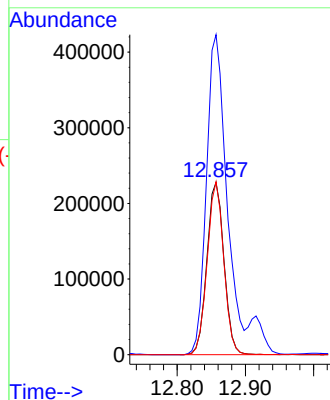
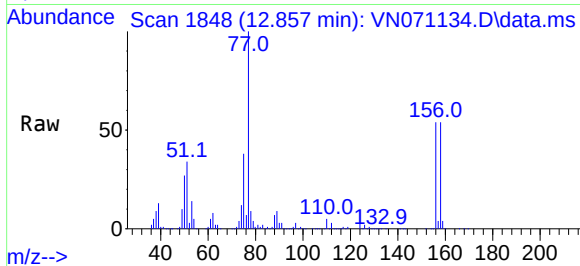




#77  
Bromobenzene  
Concen: 54.326 ug/l  
RT: 12.857 min Scan# 1847  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

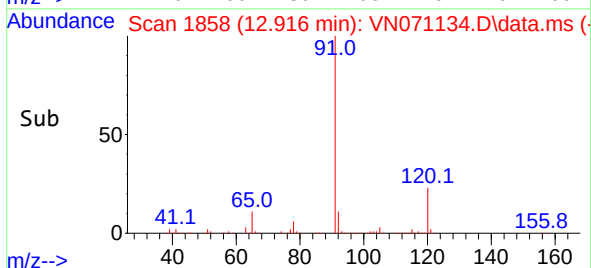
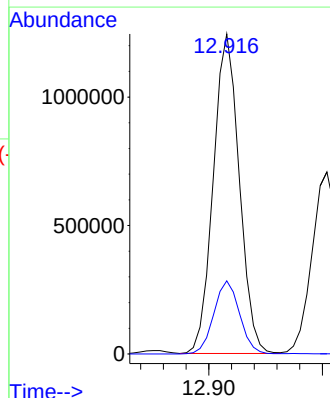
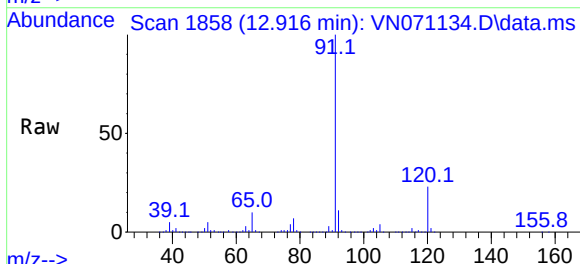
Instrument :  
MSVOA\_N  
ClientSampleId :

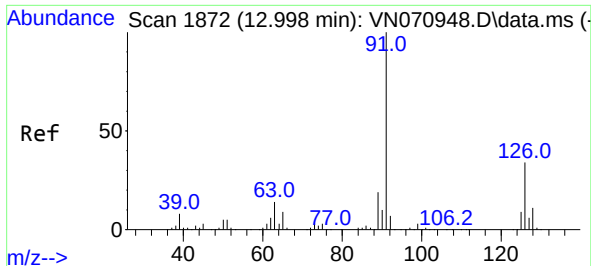
Tgt Ion:156 Resp: 397700  
Ion Ratio Lower Upper  
156 100  
77 217.7 90.6 271.8  
158 97.4 48.9 146.7



#78  
n-propylbenzene  
Concen: 58.757 ug/l  
RT: 12.916 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Tgt Ion: 91 Resp: 1974166  
Ion Ratio Lower Upper  
91 100  
120 22.7 11.9 35.9

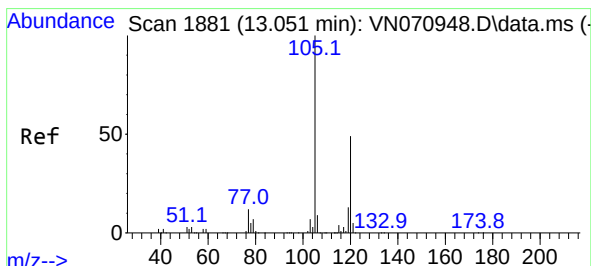
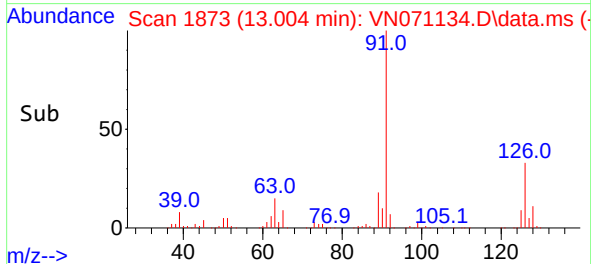
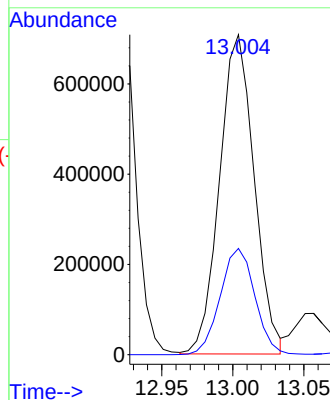
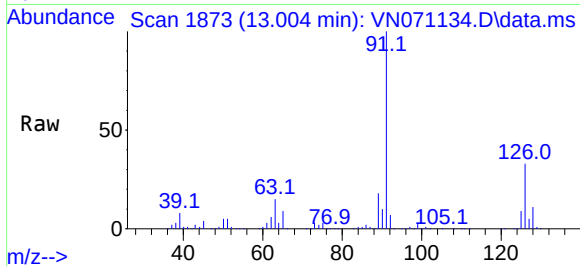




#79  
2-Chlorotoluene  
Concen: 58.815 ug/l  
RT: 13.004 min Scan# 1873  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

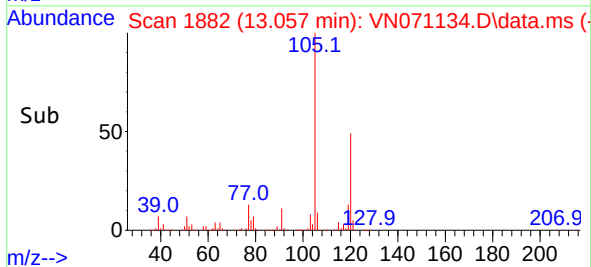
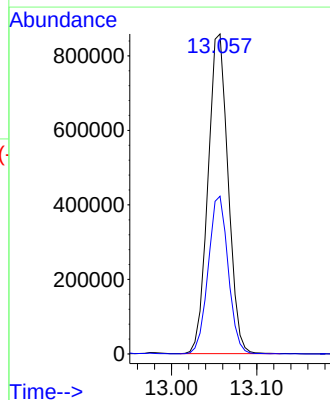
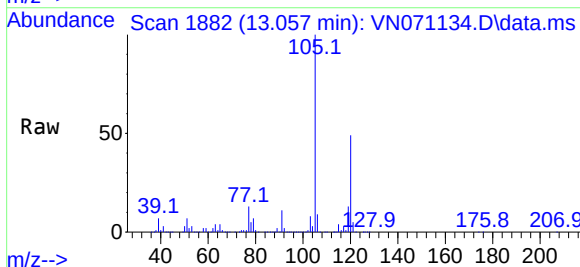
Instrument :  
MSVOA\_N  
ClientSampleId :

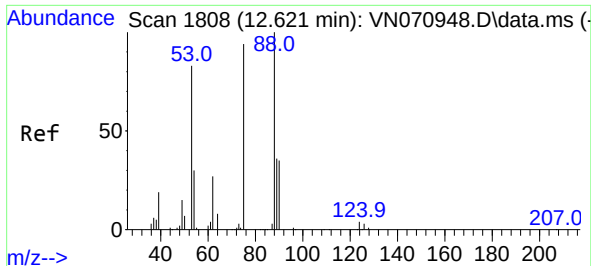
Tgt Ion: 91 Resp: 1200077  
Ion Ratio Lower Upper  
91 100  
126 33.4 18.3 54.8



#80  
1,3,5-Trimethylbenzene  
Concen: 58.146 ug/l  
RT: 13.057 min Scan# 1882  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Tgt Ion: 105 Resp: 1408690  
Ion Ratio Lower Upper  
105 100  
120 49.2 24.6 73.6

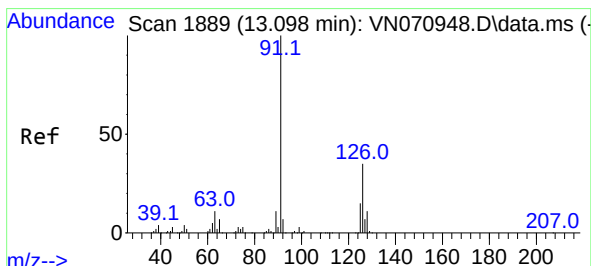
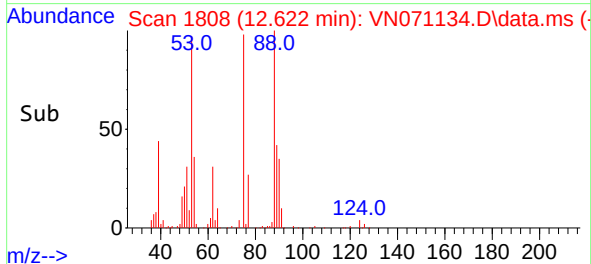
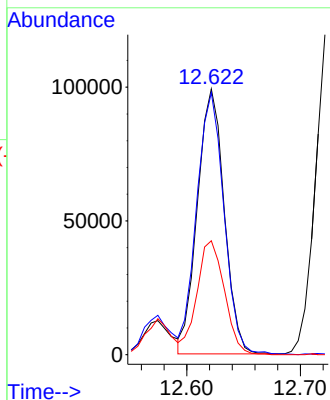
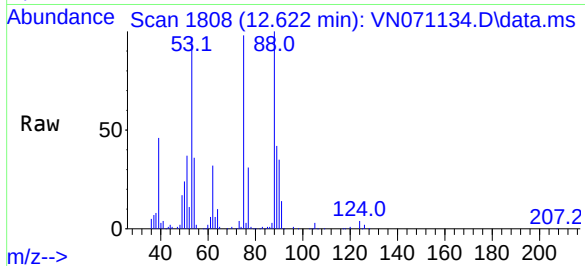




#81  
trans-1,4-Dichloro-2-butene  
Concen: 60.100 ug/l  
RT: 12.622 min Scan# 1808  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

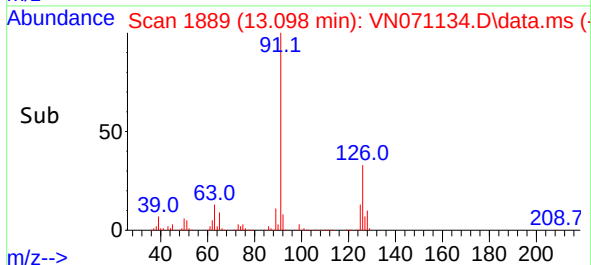
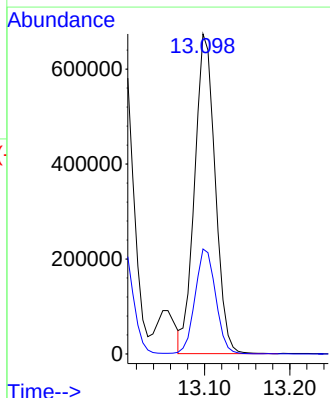
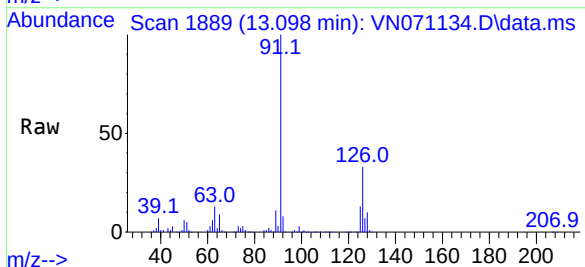
Instrument :  
MSVOA\_N  
ClientSampleId :

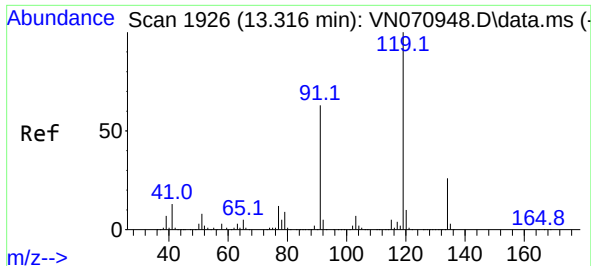
Tgt Ion: 75 Resp: 162239  
Ion Ratio Lower Upper  
75 100  
53 101.1 90.5 135.7  
89 44.4 38.2 57.4



#82  
4-Chlorotoluene  
Concen: 56.820 ug/l  
RT: 13.098 min Scan# 1889  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Tgt Ion: 91 Resp: 1125397  
Ion Ratio Lower Upper  
91 100  
126 32.9 18.2 54.6

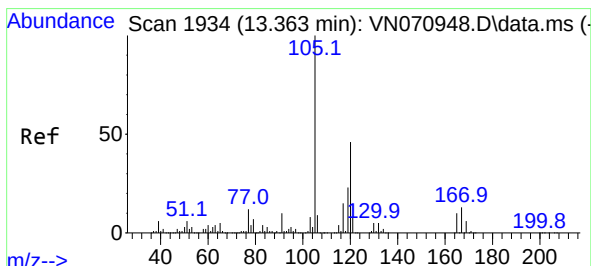
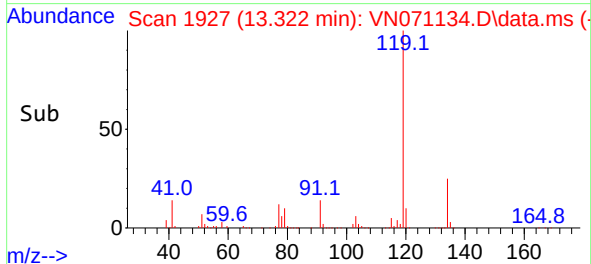
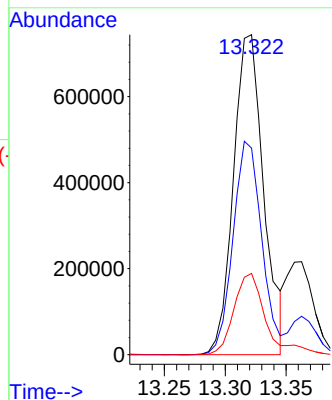
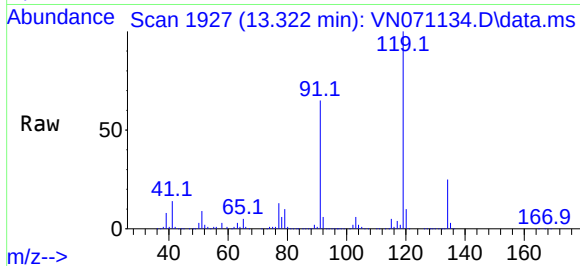




#83  
tert-Butylbenzene  
Concen: 55.992 ug/l  
RT: 13.322 min Scan# 1927  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

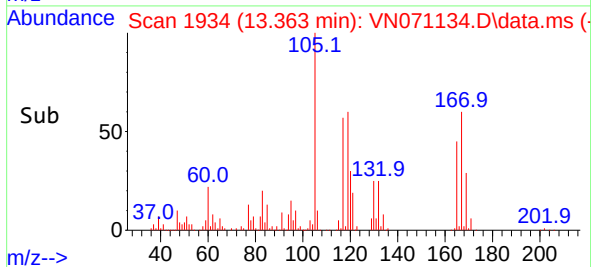
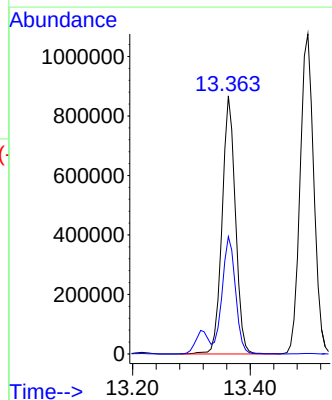
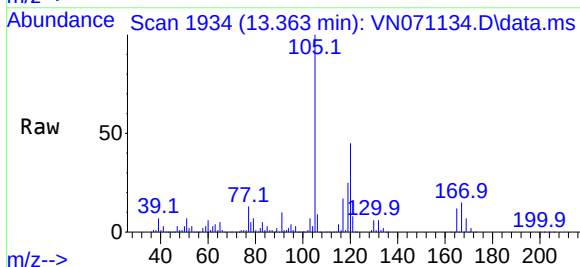
Instrument :  
MSVOA\_N  
ClientSampleId :

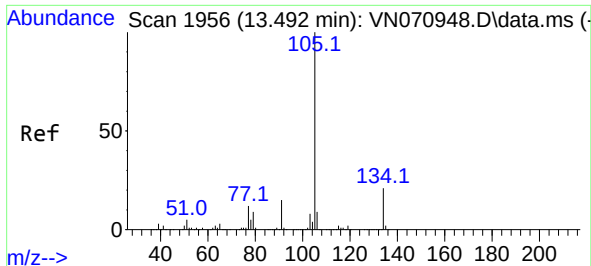
Tgt Ion:119 Resp: 1286497  
Ion Ratio Lower Upper  
119 100  
91 63.4 31.5 94.5  
134 26.7 12.4 37.4



#84  
1,2,4-Trimethylbenzene  
Concen: 57.244 ug/l  
RT: 13.363 min Scan# 1934  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Tgt Ion:105 Resp: 1365199  
Ion Ratio Lower Upper  
105 100  
120 45.5 22.8 68.4

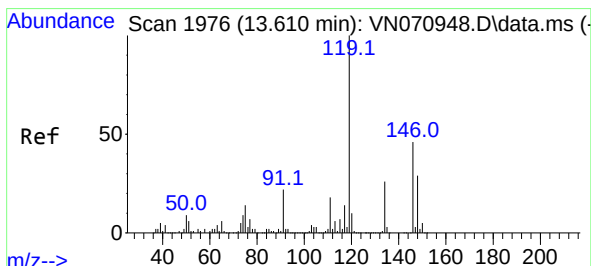
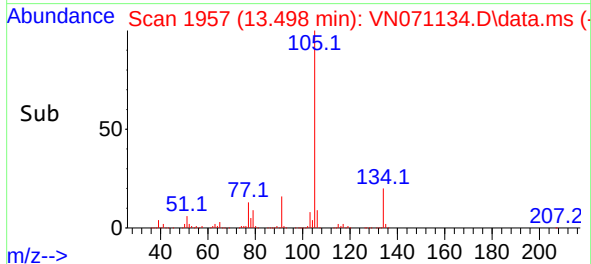
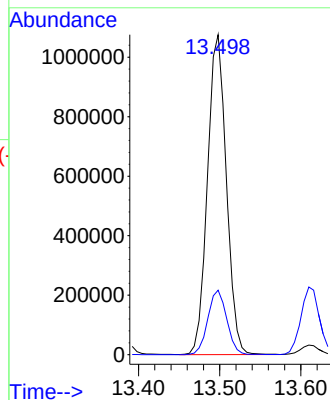
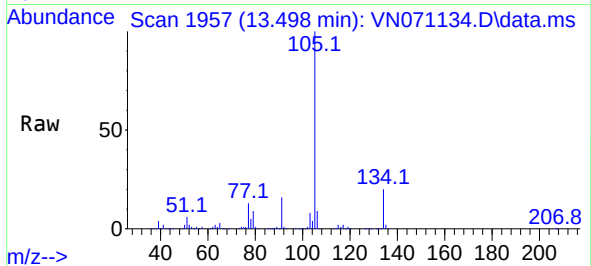




#85  
 sec-Butylbenzene  
 Concen: 57.334 ug/l  
 RT: 13.498 min Scan# 1956  
 Delta R.T. 0.006 min  
 Lab File: VN071134.D  
 Acq: 02 Mar 2022 10:18

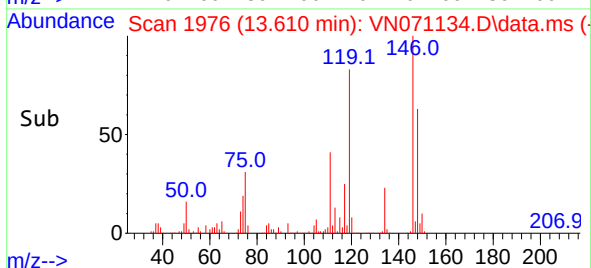
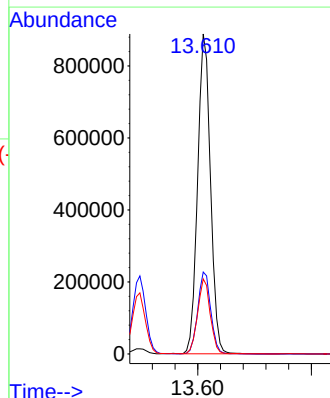
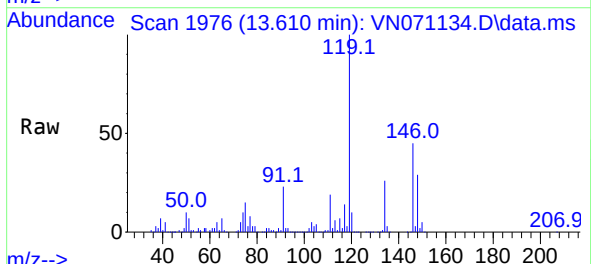
Instrument :  
 MSVOA\_N  
 ClientSampleId :

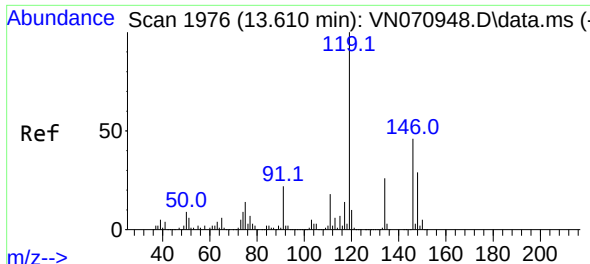
Tgt Ion:105 Resp: 1735787  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 56.287 ug/l  
 RT: 13.610 min Scan# 1976  
 Delta R.T. 0.000 min  
 Lab File: VN071134.D  
 Acq: 02 Mar 2022 10:18

Tgt Ion:119 Resp: 1398922  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 13.6 40.7  
 91 22.8 11.4 34.1

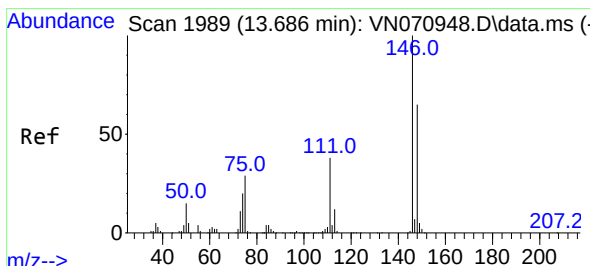
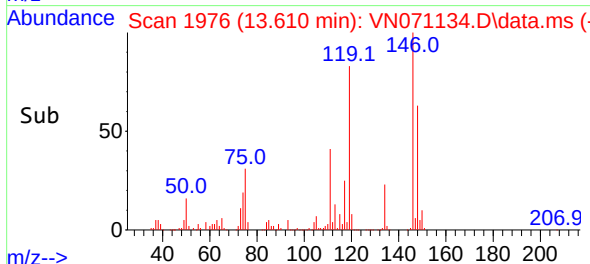
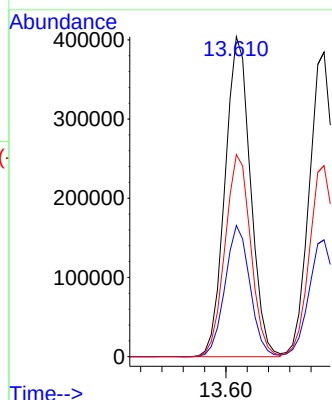
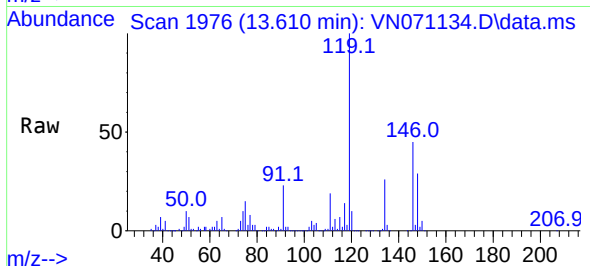




#87  
1,3-Dichlorobenzene  
Concen: 51.680 ug/l  
RT: 13.610 min Scan# 1976  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

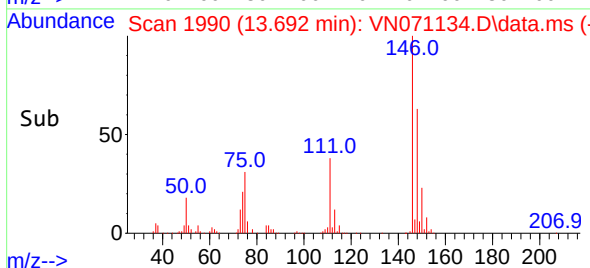
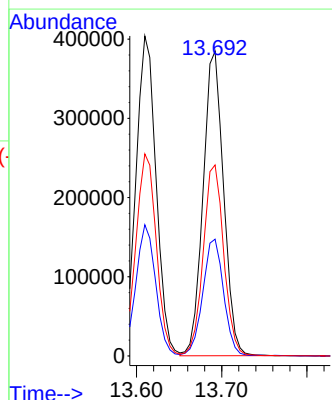
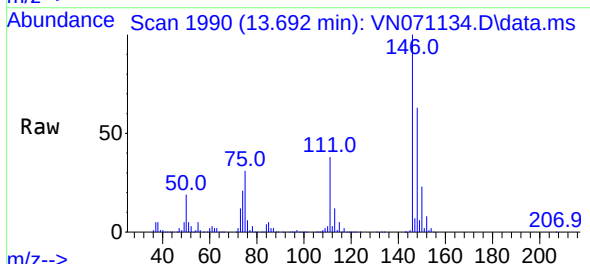
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:146 Resp: 669721  
Ion Ratio Lower Upper  
146 100  
111 40.3 18.6 55.6  
148 63.9 31.6 95.0

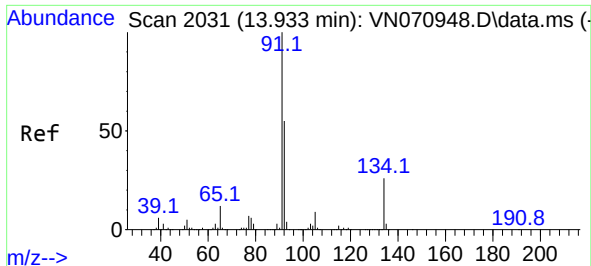


#88  
1,4-Dichlorobenzene  
Concen: 50.609 ug/l  
RT: 13.692 min Scan# 1990  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Tgt Ion:146 Resp: 642570  
Ion Ratio Lower Upper  
146 100  
111 38.9 18.3 54.8  
148 62.9 31.8 95.4



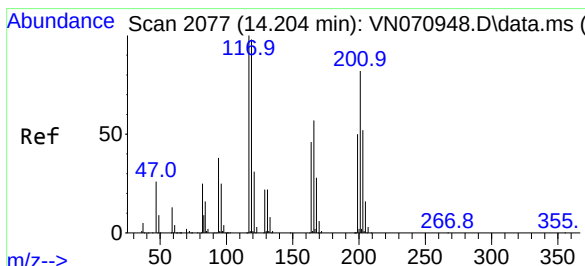
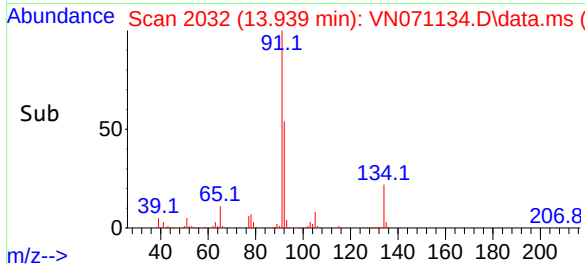
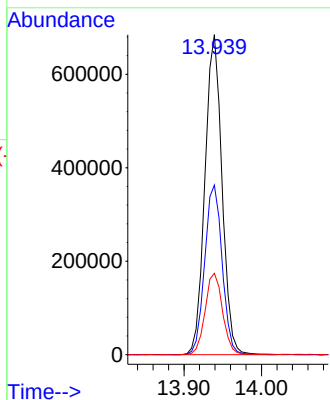
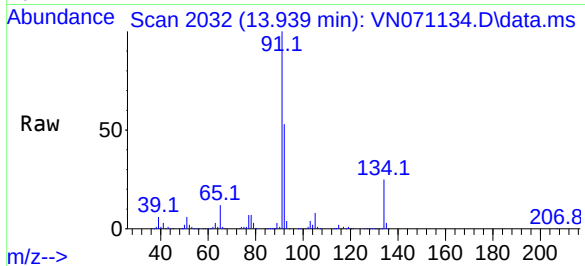




#89  
n-Butylbenzene  
Concen: 51.675 ug/l  
RT: 13.939 min Scan# 2031  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

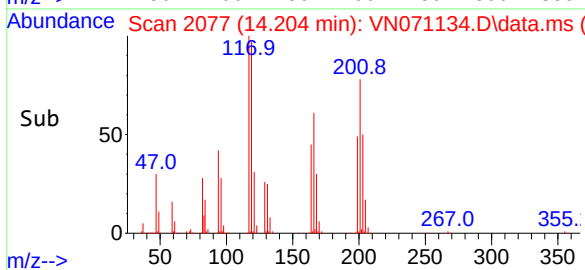
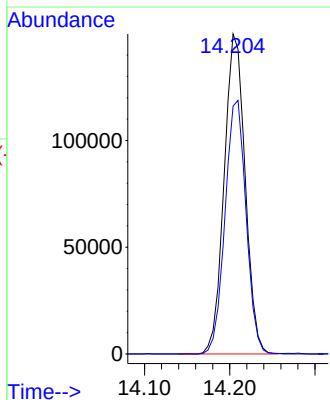
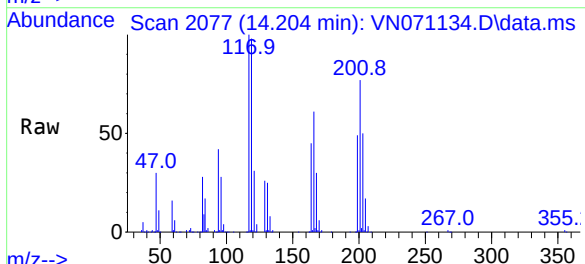
Instrument :  
MSVOA\_N  
ClientSampleId :

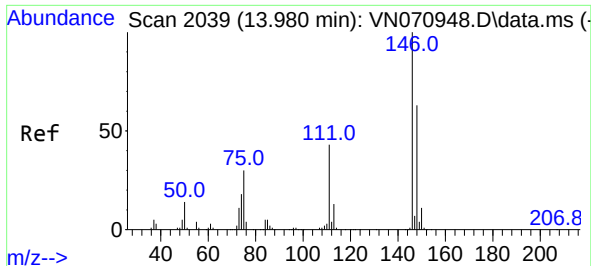
Tgt Ion: 91 Resp: 1047829  
Ion Ratio Lower Upper  
91 100  
92 54.2 25.4 76.0  
134 26.0 13.6 40.8



#90  
Hexachloroethane  
Concen: 57.846 ug/l  
RT: 14.204 min Scan# 2077  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Tgt Ion: 117 Resp: 256752  
Ion Ratio Lower Upper  
117 100  
201 79.3 43.9 131.6

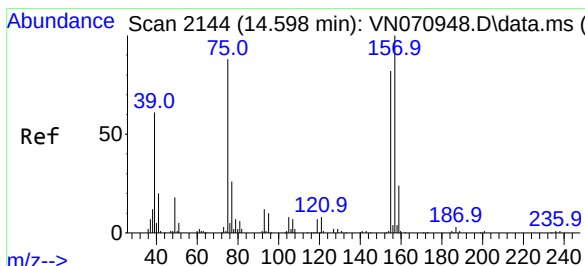
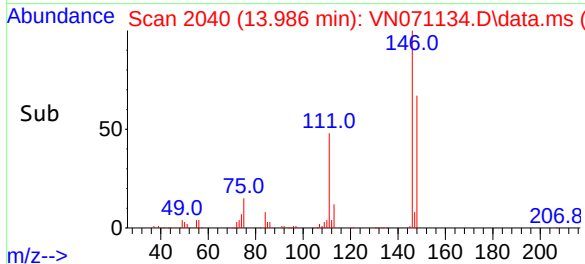
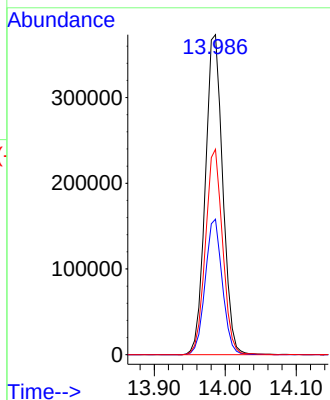
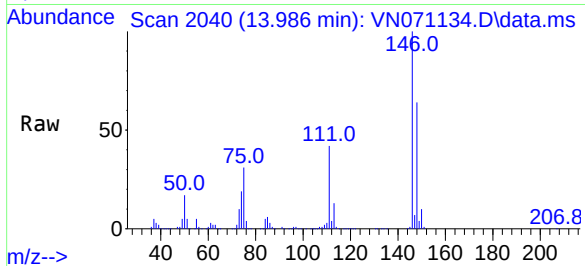




#91  
1,2-Dichlorobenzene  
Concen: 52.341 ug/l  
RT: 13.986 min Scan# 2039  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

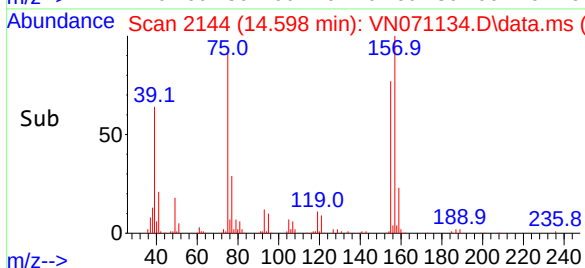
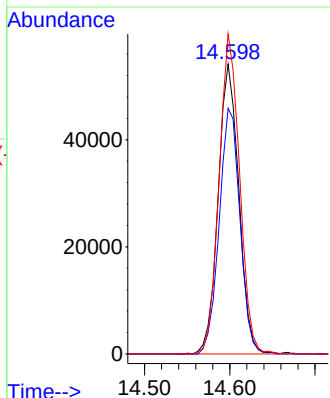
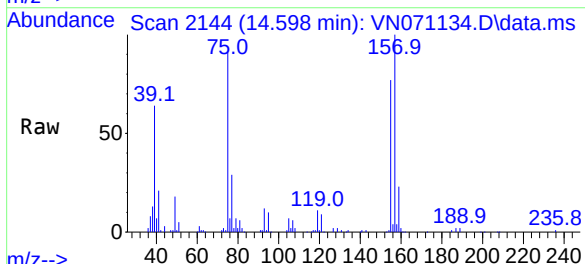
Instrument :  
MSVOA\_N  
ClientSampleId :

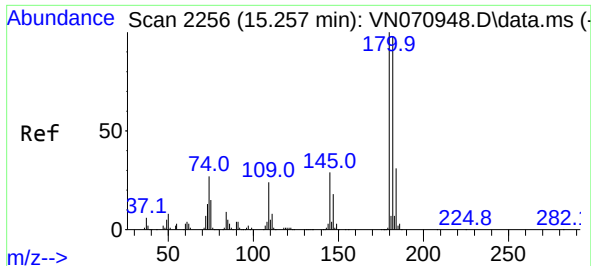
Tgt Ion:146 Resp: 636935  
Ion Ratio Lower Upper  
146 100  
111 41.6 19.1 57.3  
148 63.3 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 59.262 ug/l  
RT: 14.598 min Scan# 2144  
Delta R.T. 0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

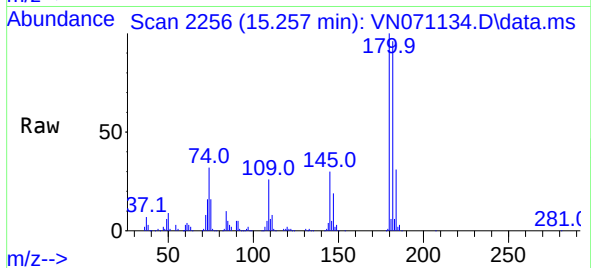
Tgt Ion: 75 Resp: 91242  
Ion Ratio Lower Upper  
75 100  
155 85.0 46.9 140.7  
157 109.5 60.6 181.7



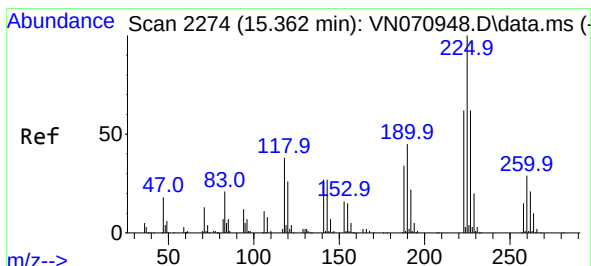
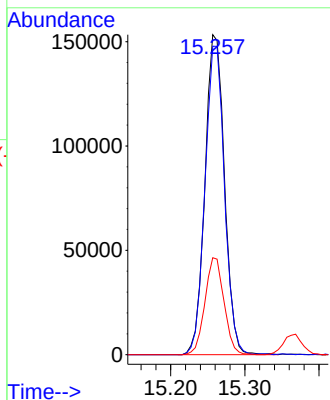
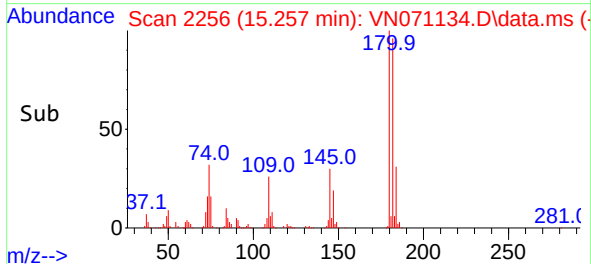


#93  
1,2,4-Trichlorobenzene  
Concen: 41.351 ug/l  
RT: 15.257 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

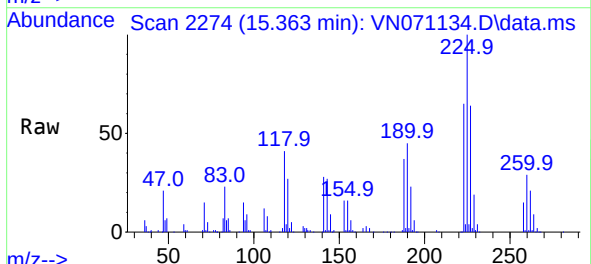
Instrument :  
MSVOA\_N  
ClientSampleId :



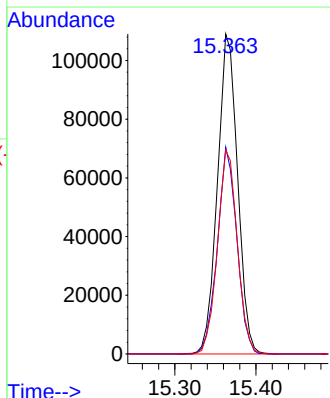
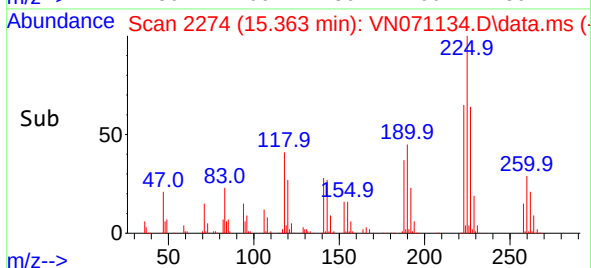
Tgt Ion:180 Resp: 280375  
Ion Ratio Lower Upper  
180 100  
182 96.3 48.3 144.9  
145 29.6 14.5 43.5

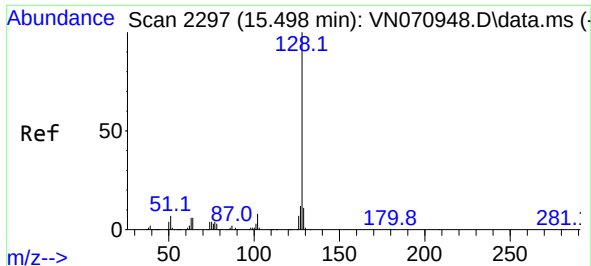


#94  
Hexachlorobutadiene  
Concen: 42.409 ug/l  
RT: 15.363 min Scan# 2274  
Delta R.T. 0.001 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18



Tgt Ion:225 Resp: 188195  
Ion Ratio Lower Upper  
225 100  
223 62.6 31.9 95.7  
227 62.8 32.1 96.3

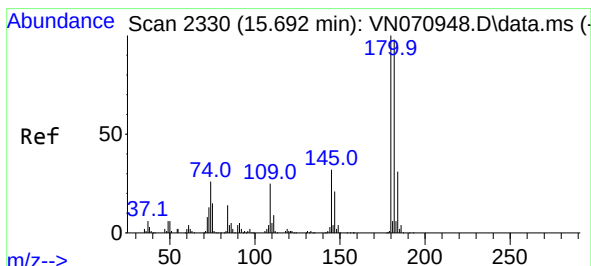
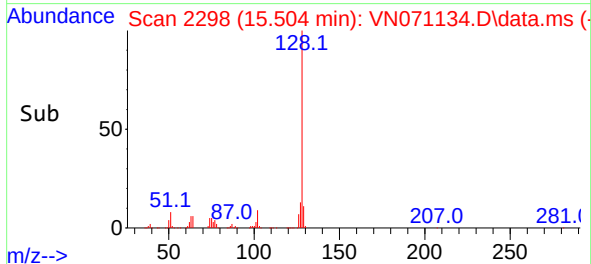
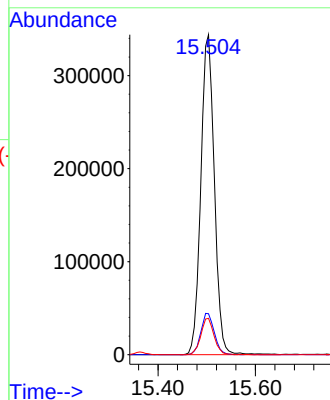
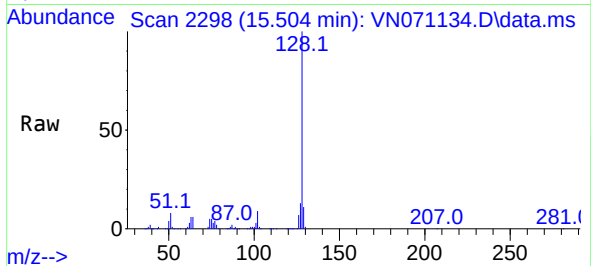




#95  
Naphthalene  
Concen: 40.926 ug/l  
RT: 15.504 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:128 Resp: 663059  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.5 15.7  
129 11.1 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 42.355 ug/l  
RT: 15.698 min Scan# 2331  
Delta R.T. 0.006 min  
Lab File: VN071134.D  
Acq: 02 Mar 2022 10:18

Tgt Ion:180 Resp: 264519  
Ion Ratio Lower Upper  
180 100  
182 95.1 47.4 142.2  
145 31.5 15.0 45.1

