

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120221\  
 Data File : VN069704.D  
 Acq On : 2 Dec 2021 19:20  
 Operator : JC/MD  
 Sample : VSTDIC100  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 03 07:49:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 03 07:46:09 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.085  | 168  | 1208780  | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.968  | 114  | 2040222  | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.746 | 117  | 1988101  | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.675 | 152  | 831231   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |             |      |
|-----------------------------|--------|-------|----------|----------|-------------|------|
| System Monitoring Compounds |        |       |          |          |             |      |
| 33) 1,2-Dichloroethane-d4   | 8.437  | 65    | 1830878  | 100.624  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 201.240%# |      |
| 35) Dibromofluoromethane    | 8.021  | 113   | 1259547  | 99.916   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 199.840%# |      |
| 50) Toluene-d8              | 10.443 | 98    | 5064195  | 102.249  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 204.500%# |      |
| 62) 4-Bromofluorobenzene    | 12.731 | 95    | 1955174  | 107.927  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 215.860%# |      |

|                              |       |     |          |          |        |    |
|------------------------------|-------|-----|----------|----------|--------|----|
| Target Compounds             |       |     |          | Qvalue   |        |    |
| 2) Dichlorodifluoromethane   | 2.072 | 85  | 1479462  | 111.001  | ug/l   | 99 |
| 3) Chloromethane             | 2.300 | 50  | 1674407  | 106.764  | ug/l   | 99 |
| 4) Vinyl Chloride            | 2.445 | 62  | 1610474  | 104.571  | ug/l   | 99 |
| 5) Bromomethane              | 2.821 | 94  | 836659   | 85.070   | ug/l   | 99 |
| 6) Chloroethane              | 2.990 | 64  | 939927   | 91.838   | ug/l   | 98 |
| 7) Trichlorofluoromethane    | 3.360 | 101 | 2057519  | 89.116   | ug/l   | 98 |
| 8) Diethyl Ether             | 3.818 | 74  | 809759   | 104.309  | ug/l   | 84 |
| 9) 1,1,2-Trichlorotrifluo... | 4.197 | 101 | 1168184  | 103.983  | ug/l   | 96 |
| 10) Methyl Iodide            | 4.411 | 142 | 1751818  | 121.714  | ug/l   | 98 |
| 11) Tert butyl alcohol       | 5.395 | 59  | 1883033  | 569.279  | ug/l   | 99 |
| 12) 1,1-Dichloroethene       | 4.170 | 96  | 1142814  | 111.983  | ug/l   | 89 |
| 13) Acrolein                 | 4.036 | 56  | 1488551  | 1463.699 | ug/l   | 99 |
| 14) Allyl chloride           | 4.832 | 41  | 2642790  | 116.507  | ug/l   | 93 |
| 15) Acrylonitrile            | 5.556 | 53  | 4803575  | 567.724  | ug/l   | 99 |
| 16) Acetone                  | 4.290 | 43  | 5349169  | 539.436  | ug/l   | 96 |
| 17) Carbon Disulfide         | 4.518 | 76  | 3152196  | 127.537  | ug/l   | 99 |
| 18) Methyl Acetate           | 4.854 | 43  | 3270170  | 103.107  | ug/l   | 92 |
| 19) Methyl tert-butyl Ether  | 5.618 | 73  | 4524206  | 106.256  | ug/l   | 97 |
| 20) Methylene Chloride       | 5.090 | 84  | 1407938  | 101.754  | ug/l   | 86 |
| 21) trans-1,2-Dichloroethene | 5.591 | 96  | 1234711  | 108.597  | ug/l   | 86 |
| 22) Diisopropyl ether        | 6.500 | 45  | 5200905  | 108.159  | ug/l   | 93 |
| 23) Vinyl Acetate            | 6.433 | 43  | 21927624 | 582.671  | ug/l   | 95 |
| 24) 1,1-Dichloroethane       | 6.385 | 63  | 2631130  | 107.155  | ug/l   | 98 |
| 25) 2-Butanone               | 7.337 | 43  | 7647924  | 569.166  | ug/l   | 92 |
| 26) 2,2-Dichloropropane      | 7.324 | 77  | 2069982  | 108.885  | ug/l   | 96 |
| 27) cis-1,2-Dichloroethene   | 7.324 | 96  | 1507206  | 107.562  | ug/l   | 87 |
| 28) Bromochloromethane       | 7.659 | 49  | 1398837  | 110.645  | ug/l # | 79 |
| 29) Tetrahydrofuran          | 7.686 | 42  | 4760838  | 579.470  | ug/l   | 89 |
| 30) Chloroform               | 7.817 | 83  | 2637926  | 105.324  | ug/l   | 99 |
| 31) Cyclohexane              | 8.094 | 56  | 2490694  | 100.011  | ug/l   | 88 |
| 32) 1,1,1-Trichloroethane    | 8.013 | 97  | 2326194  | 110.839  | ug/l   | 96 |
| 36) 1,1-Dichloropropene      | 8.222 | 75  | 1961560  | 110.761  | ug/l   | 97 |
| 37) Ethyl Acetate            | 7.418 | 43  | 2857423  | 117.449  | ug/l   | 96 |
| 38) Carbon Tetrachloride     | 8.206 | 117 | 1957336  | 114.227  | ug/l   | 98 |
| 39) Methylcyclohexane        | 9.459 | 83  | 2382406  | 109.111  | ug/l   | 91 |
| 40) Benzene                  | 8.458 | 78  | 5891230  | 107.846  | ug/l   | 99 |

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 Sample : VSTDIC100  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 03 07:49:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 03 07:46:09 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.638  | 41   | 1444767  | 115.013  | ug/l # | 88       |
| 42) 1,2-Dichloroethane        | 8.531  | 62   | 2332734  | 108.531  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.563  | 43   | 4400659  | 114.095  | ug/l # | 94       |
| 44) Trichloroethene           | 9.217  | 130  | 1435563  | 109.720  | ug/l   | 91       |
| 45) 1,2-Dichloropropane       | 9.491  | 63   | 1586950  | 108.998  | ug/l   | 99       |
| 46) Dibromomethane            | 9.577  | 93   | 1044961  | 107.304  | ug/l   | 93       |
| 47) Bromodichloromethane      | 9.764  | 83   | 2089783  | 114.988  | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.561  | 41   | 2121075  | 117.825  | ug/l   | 86       |
| 49) 1,4-Dioxane               | 9.571  | 88   | 761948   | 2354.048 | ug/l # | 85       |
| 51) 4-Methyl-2-Pentanone      | 10.333 | 43   | 14854392 | 594.630  | ug/l   | 97       |
| 52) Toluene                   | 10.507 | 92   | 3738457  | 110.525  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.719 | 75   | 2373296  | 124.443  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.191 | 75   | 2485330  | 119.422  | ug/l # | 90       |
| 55) 1,1,2-Trichloroethane     | 10.899 | 97   | 1497582  | 110.003  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.762 | 69   | 2743935  | 120.775  | ug/l # | 86       |
| 57) 1,3-Dichloropropane       | 11.046 | 76   | 2630201  | 109.484  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.043 | 63   | 3655711  | 678.177  | ug/l   | 92       |
| 59) 2-Hexanone                | 11.087 | 43   | 11113902 | 596.112  | ug/l   | 94       |
| 60) Dibromochloromethane      | 11.239 | 129  | 1566965  | 122.416  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.347 | 107  | 1610121  | 116.353  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.979 | 164  | 1286176  | 103.758  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.771 | 112  | 4000099  | 105.358  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.843 | 131  | 1464165  | 110.907  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.846 | 91   | 7469050  | 106.552  | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.956 | 106  | 5511584  | 214.615  | ug/l   | 94       |
| 69) o-Xylene                  | 12.280 | 106  | 2788906  | 108.837  | ug/l   | 92       |
| 70) Styrene                   | 12.296 | 104  | 4643957  | 112.765  | ug/l   | 96       |
| 71) Bromoform                 | 12.460 | 173  | 1223274  | 128.695  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.580 | 105  | 7342158  | 107.924  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.390 | 43   | 3440496  | 118.205  | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 12.827 | 83   | 2331586  | 101.130  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.881 | 75   | 3087240  | 143.537  | ug/l   | 70       |
| 77) Bromobenzene              | 12.862 | 156  | 1699910  | 108.788  | ug/l   | 79       |
| 78) n-propylbenzene           | 12.921 | 91   | 8450055  | 110.356  | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 13.010 | 91   | 5144178  | 108.237  | ug/l   | 93       |
| 80) 1,3,5-Trimethylbenzene    | 13.061 | 105  | 5987205  | 108.754  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.626 | 75   | 753765   | 124.702  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 13.106 | 91   | 4961006  | 109.624  | ug/l   | 93       |
| 83) tert-Butylbenzene         | 13.323 | 119  | 5294246  | 109.806  | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene    | 13.369 | 105  | 5793121  | 109.116  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.503 | 105  | 7420464  | 110.541  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.616 | 119  | 5877873  | 110.602  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.616 | 146  | 2807077  | 104.609  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.696 | 146  | 2744034  | 104.455  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.943 | 91   | 5003293  | 113.451  | ug/l   | 97       |
| 90) Hexachloroethane          | 14.211 | 117  | 1077869  | 122.154  | ug/l   | 88       |
| 91) 1,2-Dichlorobenzene       | 13.989 | 146  | 2675642  | 104.582  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.603 | 75   | 491282   | 129.796  | ug/l   | 80       |
| 93) 1,2,4-Trichlorobenzene    | 15.265 | 180  | 1370161  | 122.225  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.372 | 225  | 698272   | 104.729  | ug/l   | 99       |
| 95) Naphthalene               | 15.507 | 128  | 4115480  | 134.554  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.702 | 180  | 1329566  | 122.888  | ug/l   | 98       |

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Sample : VSTDICC100  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Dec 03 07:49:53 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120221W.M  
Quant Title : SW846 8260  
QLast Update : Fri Dec 03 07:46:09 2021  
Response via : Initial Calibration

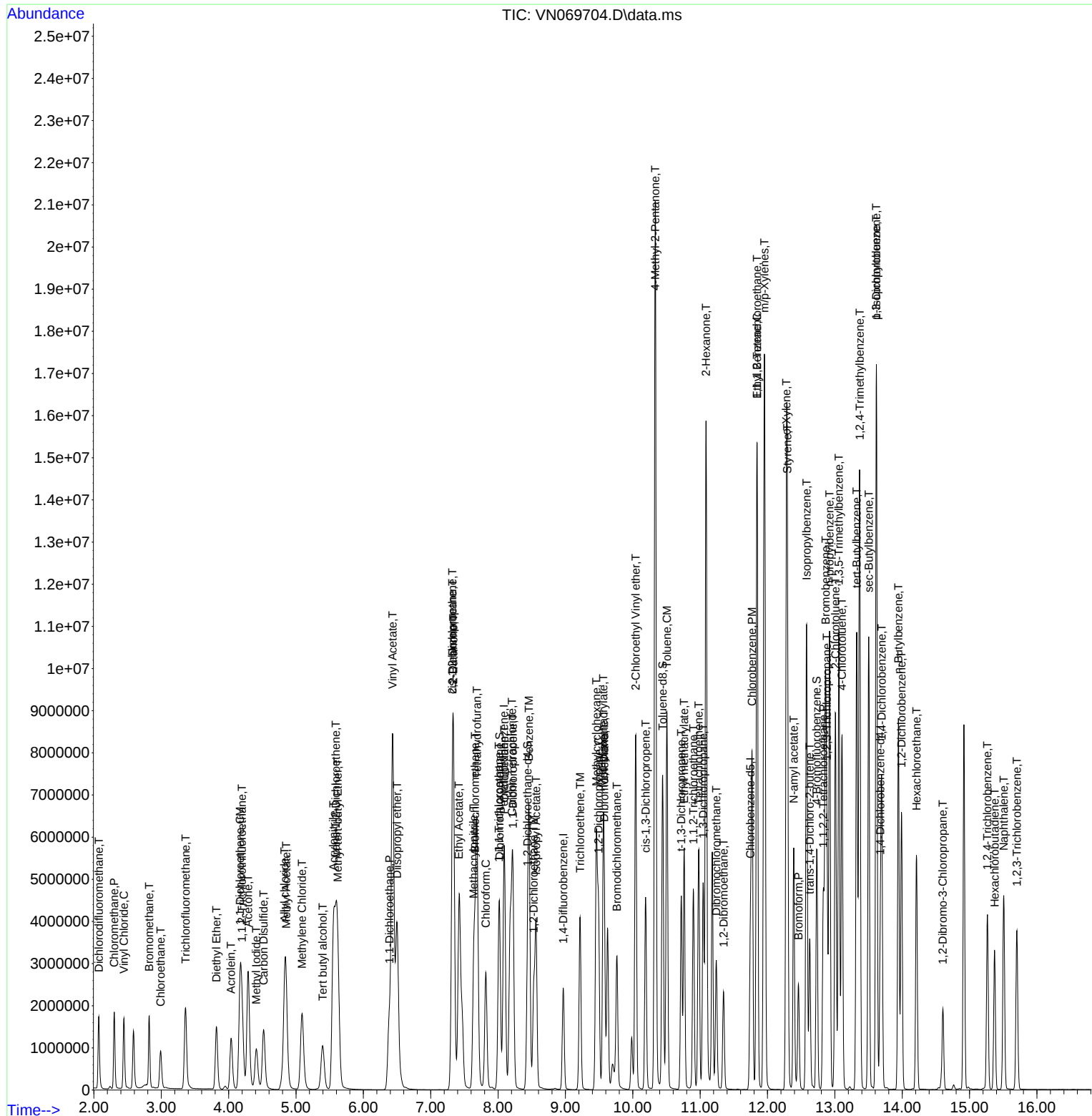
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

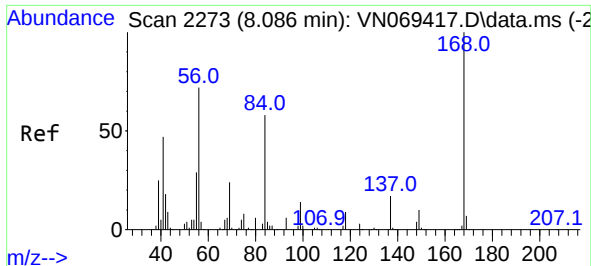
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 Sample : VSTDIC100  
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 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

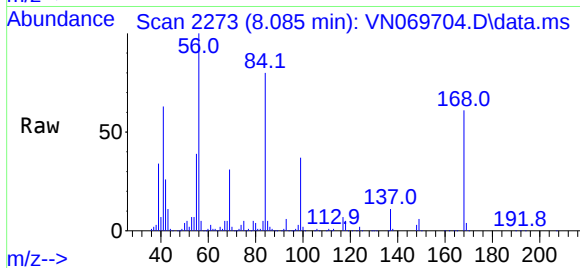
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N120221W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 03 07:46:09 2021  
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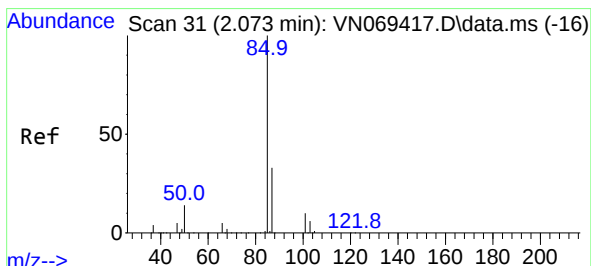
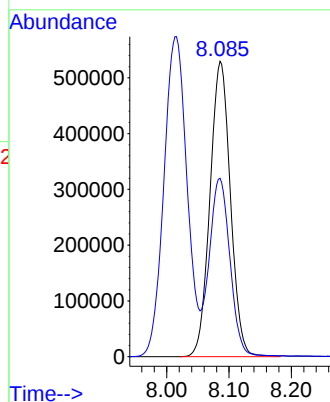
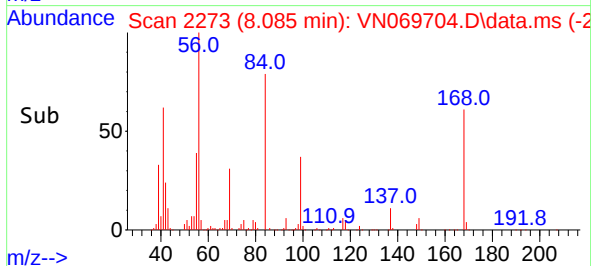


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.085 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Instrument :  
MSVOA\_N  
ClientSampleId :

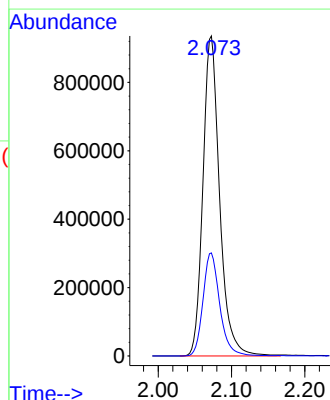
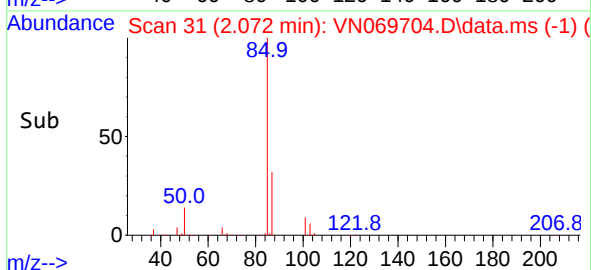
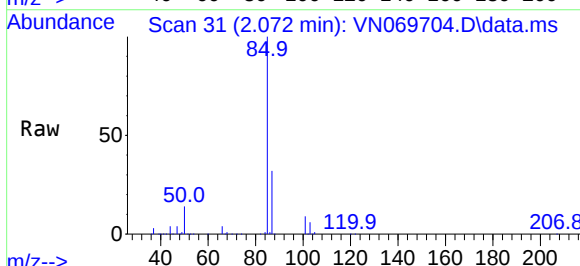


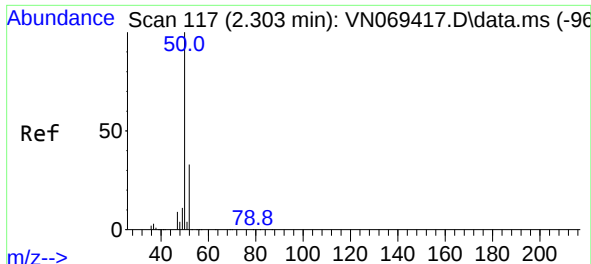
Tgt Ion:168 Resp: 1208780  
Ion Ratio Lower Upper  
168 100  
99 60.1 41.3 61.9



#2  
Dichlorodifluoromethane  
Concen: 111.001 ug/l  
RT: 2.072 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Tgt Ion: 85 Resp: 1479462  
Ion Ratio Lower Upper  
85 100  
87 32.2 16.3 48.9

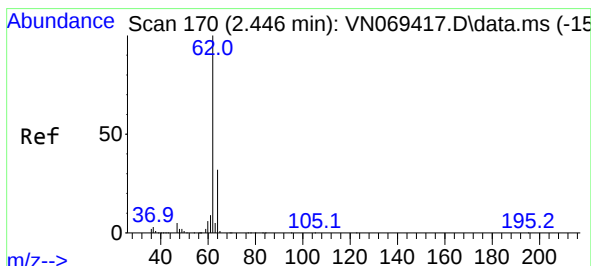
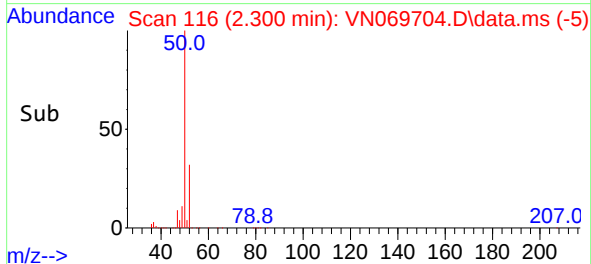
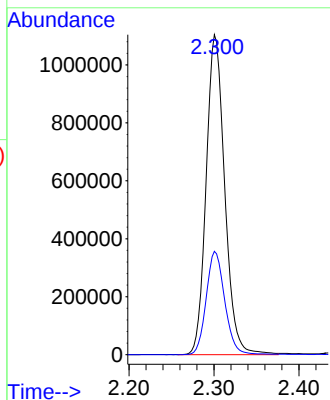
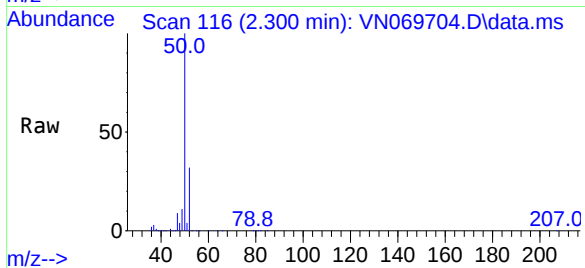




#3  
Chloromethane  
Concen: 106.764 ug/l  
RT: 2.300 min Scan# 117  
Delta R.T. -0.003 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

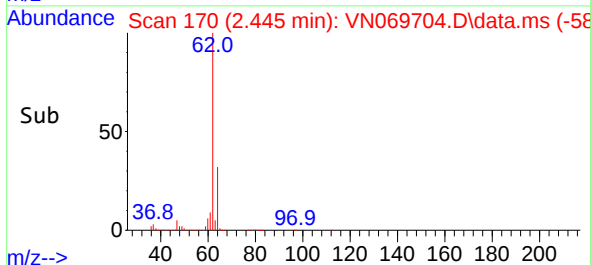
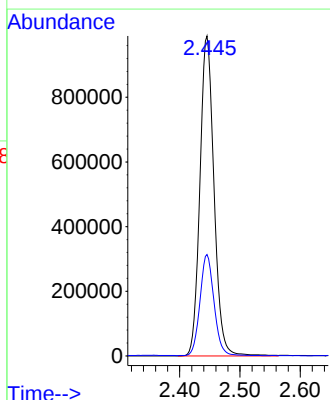
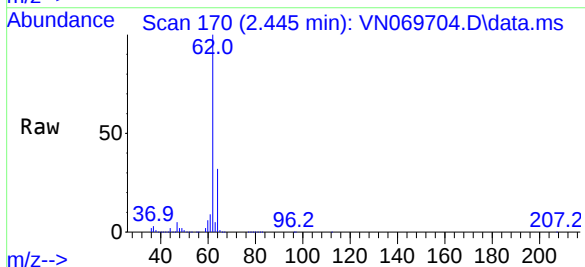
Instrument :  
MSVOA\_N  
ClientSampleId :

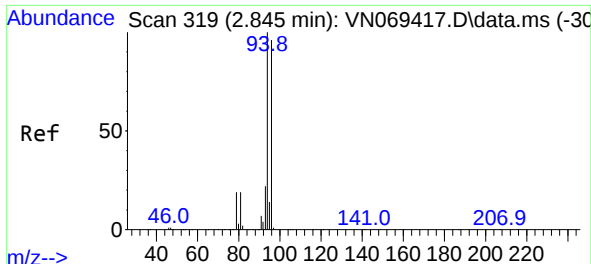
Tgt Ion: 50 Resp: 1674407  
Ion Ratio Lower Upper  
50 100  
52 32.3 25.4 38.0



#4  
Vinyl Chloride  
Concen: 104.571 ug/l  
RT: 2.445 min Scan# 170  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Tgt Ion: 62 Resp: 1610474  
Ion Ratio Lower Upper  
62 100  
64 31.6 25.8 38.6

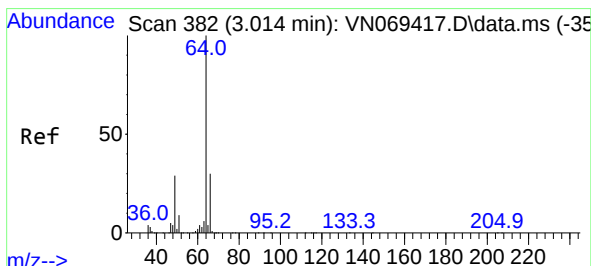
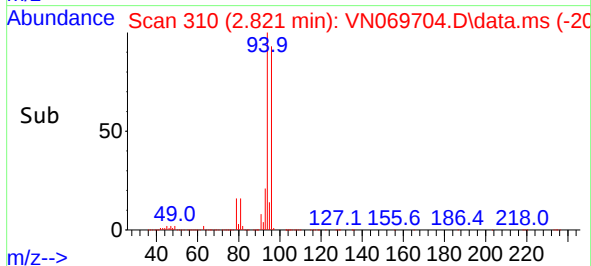
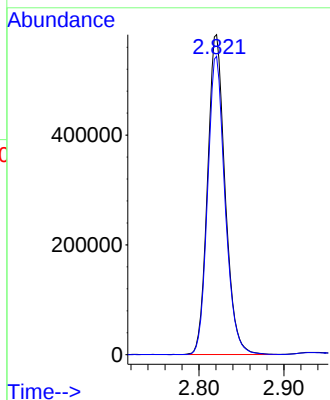
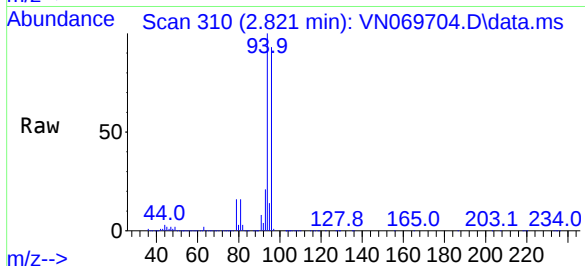




#5  
Bromomethane  
Concen: 85.070 ug/l  
RT: 2.821 min Scan# 319  
Delta R.T. -0.016 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

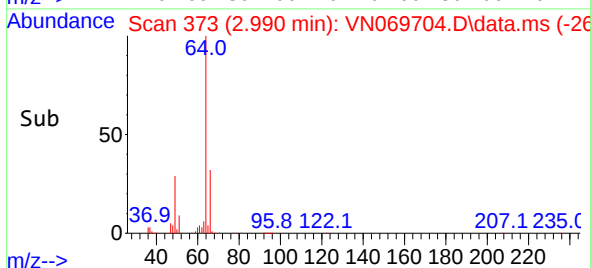
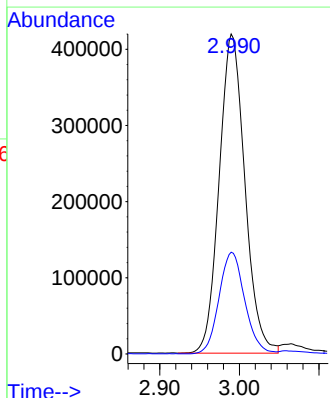
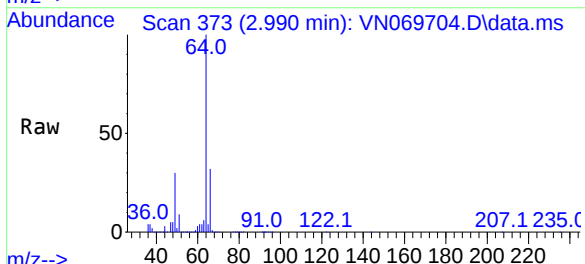
Instrument :  
MSVOA\_N  
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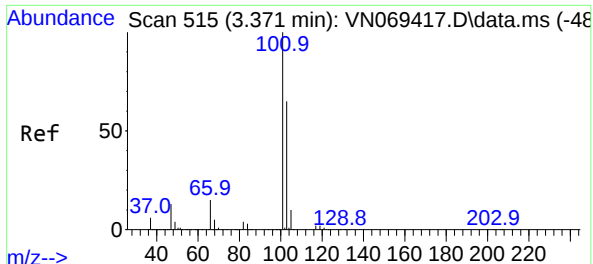
Tgt Ion: 94 Resp: 836659  
Ion Ratio Lower Upper  
94 100  
96 93.3 73.8 110.8



#6  
Chloroethane  
Concen: 91.838 ug/l  
RT: 2.990 min Scan# 373  
Delta R.T. -0.019 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Tgt Ion: 64 Resp: 939927  
Ion Ratio Lower Upper  
64 100  
66 31.8 26.3 39.5

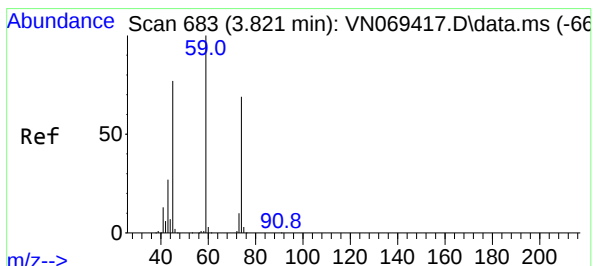
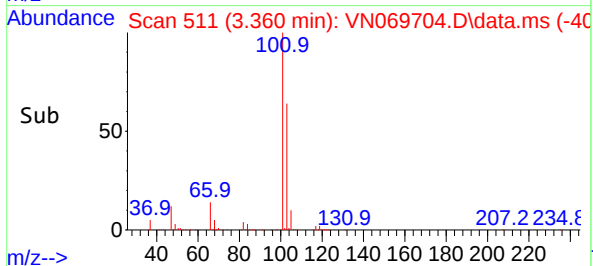
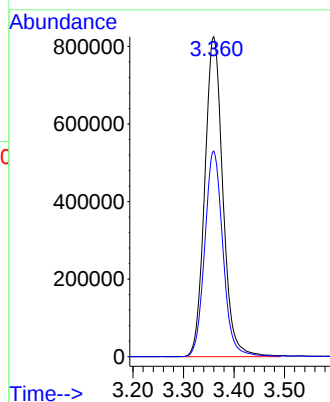
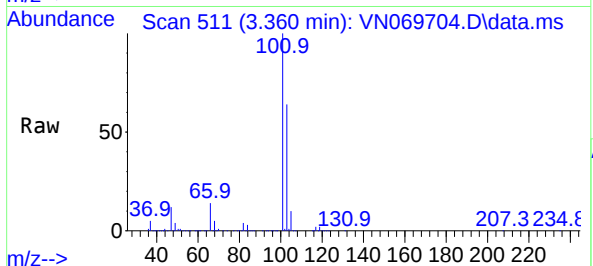




#7  
Trichlorofluoromethane  
Concen: 89.116 ug/l  
RT: 3.360 min Scan# 515  
Delta R.T. -0.008 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

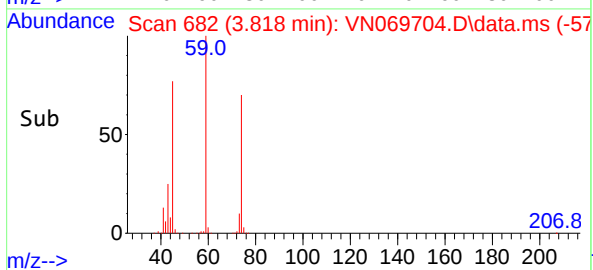
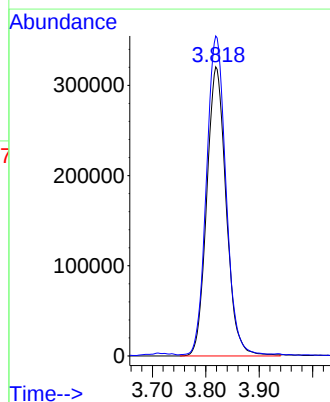
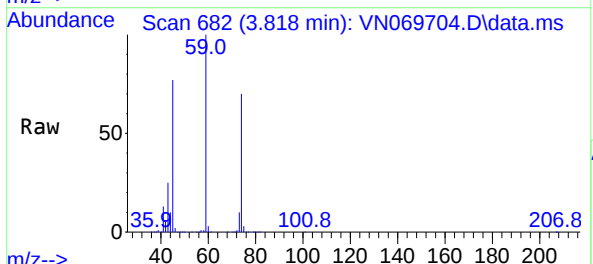
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:101 Resp: 2057519  
Ion Ratio Lower Upper  
101 100  
103 64.2 50.1 75.1



#8  
Diethyl Ether  
Concen: 104.309 ug/l  
RT: 3.818 min Scan# 682  
Delta R.T. -0.003 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

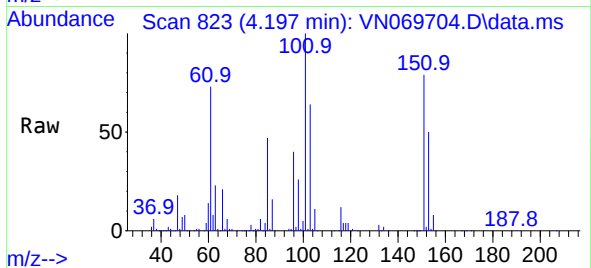
Tgt Ion: 74 Resp: 809759  
Ion Ratio Lower Upper  
74 100  
45 109.9 47.0 141.2



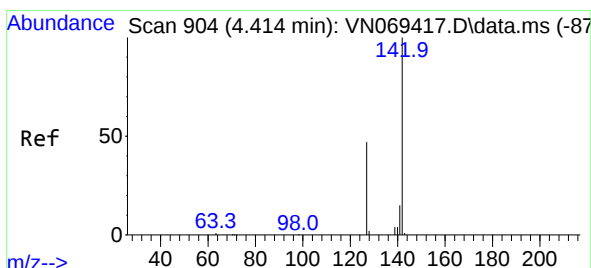
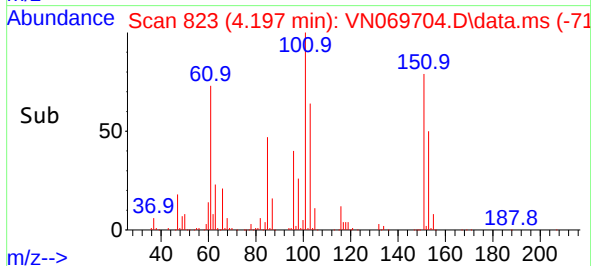
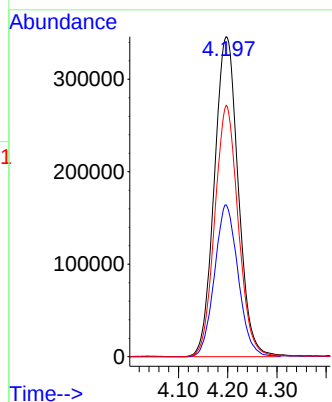


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 103.983 ug/l  
RT: 4.197 min Scan# 81  
Delta R.T. -0.005 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Instrument :  
MSVOA\_N  
ClientSampleId :

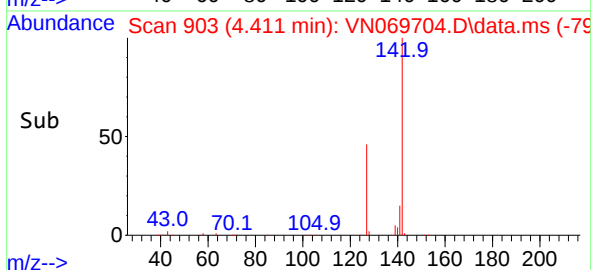
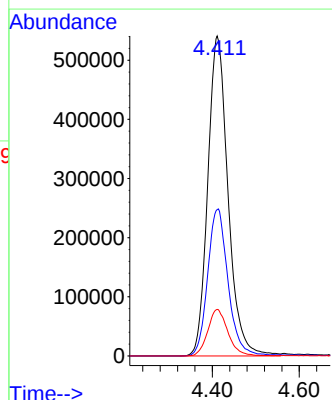
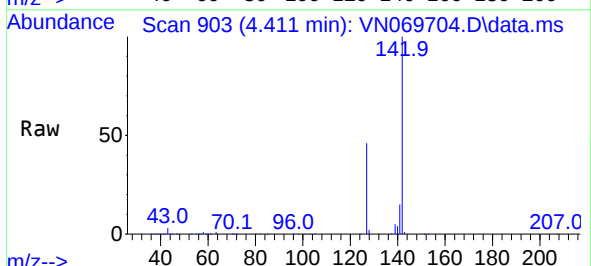


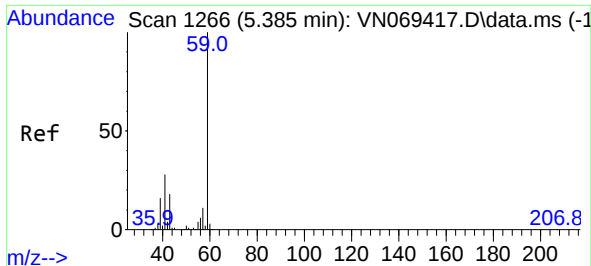
Tgt Ion:101 Resp: 1168184  
Ion Ratio Lower Upper  
101 100  
85 47.0 37.2 55.8  
151 77.5 65.9 98.9



#10  
Methyl Iodide  
Concen: 121.714 ug/l  
RT: 4.411 min Scan# 903  
Delta R.T. -0.003 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Tgt Ion:142 Resp: 1751818  
Ion Ratio Lower Upper  
142 100  
127 46.2 35.4 53.0  
141 14.5 11.6 17.4

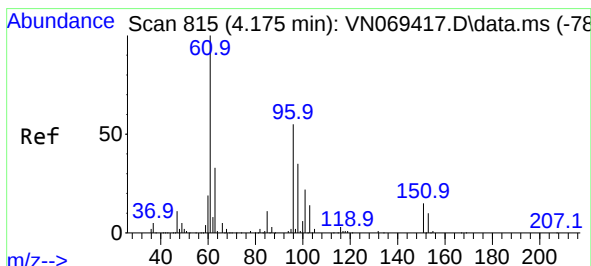
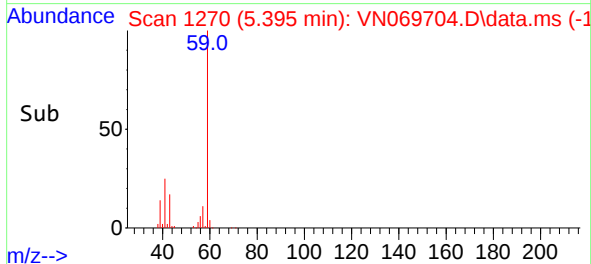
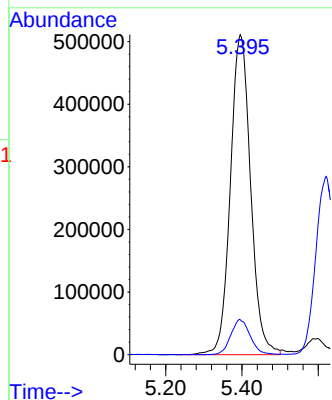
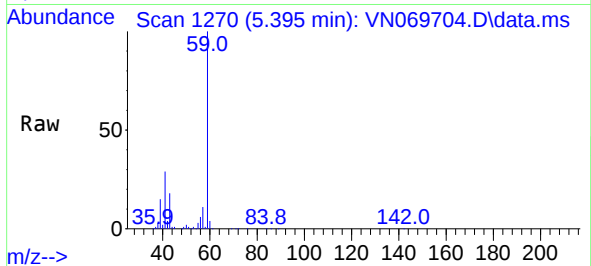




#11  
Tert butyl alcohol  
Concen: 569.279 ug/l  
RT: 5.395 min Scan# 11  
Delta R.T. 0.005 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

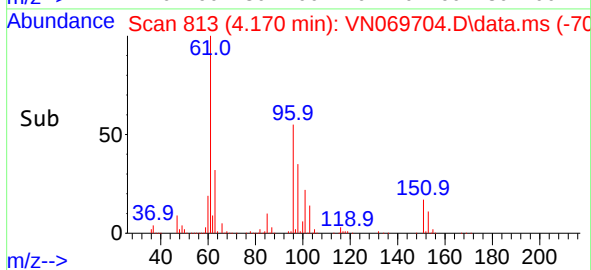
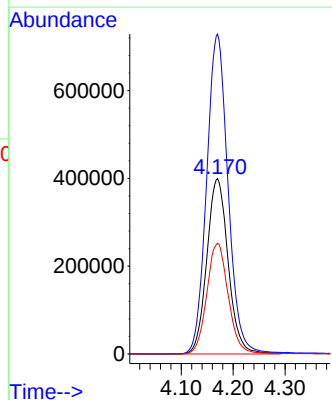
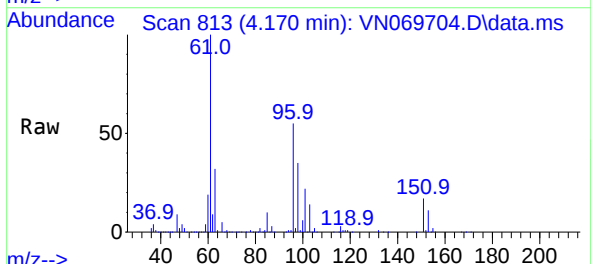
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 59 Resp: 1883033  
Ion Ratio Lower Upper  
59 100  
57 10.6 8.7 13.1



#12  
1,1-Dichloroethene  
Concen: 111.983 ug/l  
RT: 4.170 min Scan# 813  
Delta R.T. -0.005 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

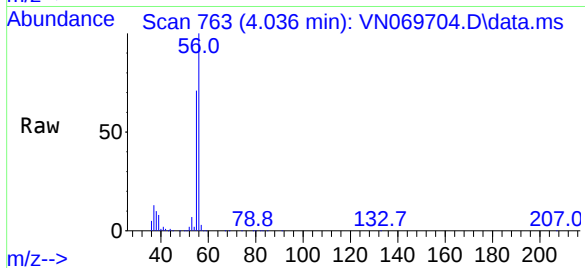
Tgt Ion: 96 Resp: 1142814  
Ion Ratio Lower Upper  
96 100  
61 182.4 131.0 196.6  
98 63.1 52.4 78.6



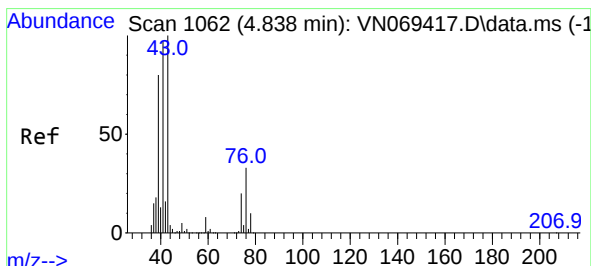
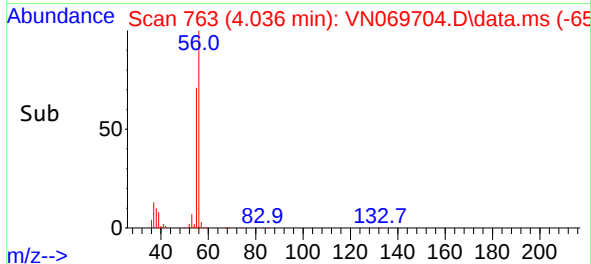
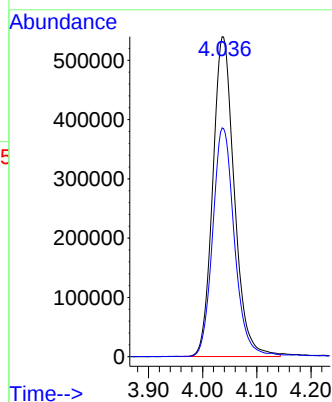


#13  
Acrolein  
Concen: 1463.699 ug/l  
RT: 4.036 min Scan# 70  
Delta R.T. -0.003 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Instrument :  
MSVOA\_N  
ClientSampleId :

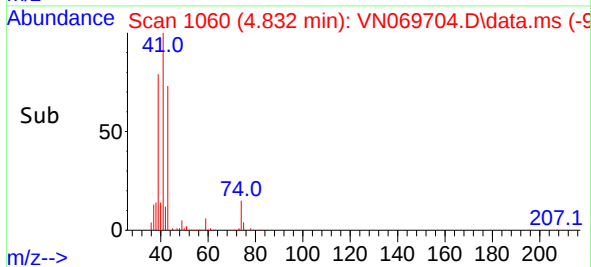
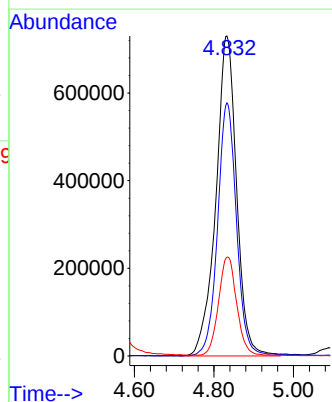
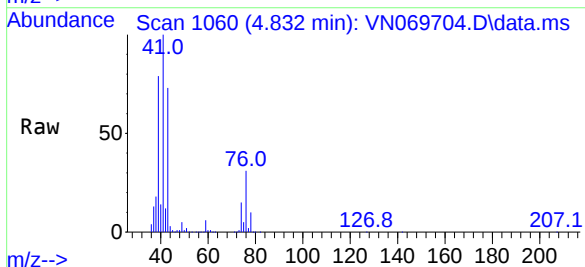


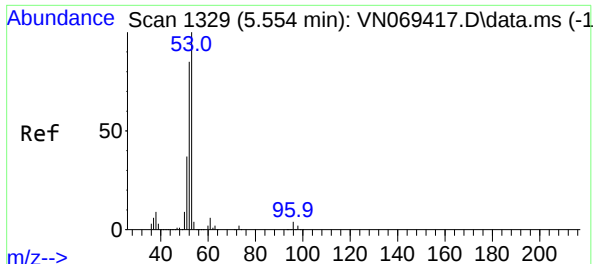
Tgt Ion: 56 Resp: 1488551  
Ion Ratio Lower Upper  
56 100  
55 71.6 56.6 85.0



#14  
Allyl chloride  
Concen: 116.507 ug/l  
RT: 4.832 min Scan# 1060  
Delta R.T. -0.005 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Tgt Ion: 41 Resp: 2642790  
Ion Ratio Lower Upper  
41 100  
39 71.8 61.2 91.8  
76 26.6 26.0 39.0



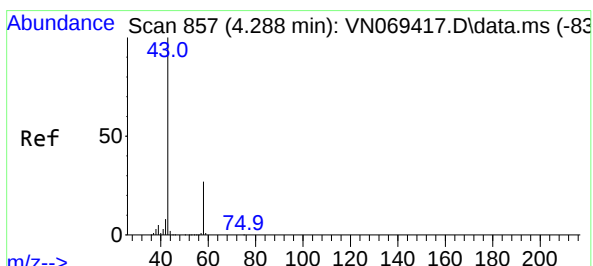
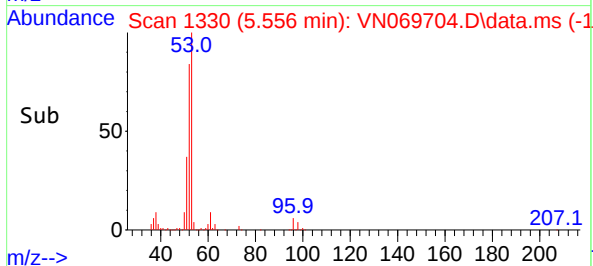
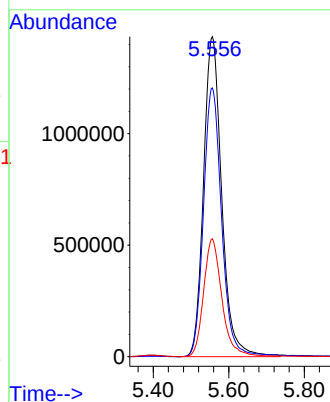
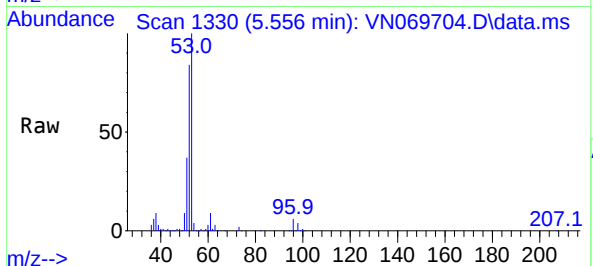


#15  
Acrylonitrile  
Concen: 567.724 ug/l  
RT: 5.556 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 53 Resp: 4803575

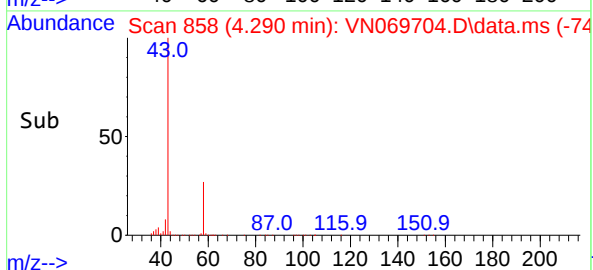
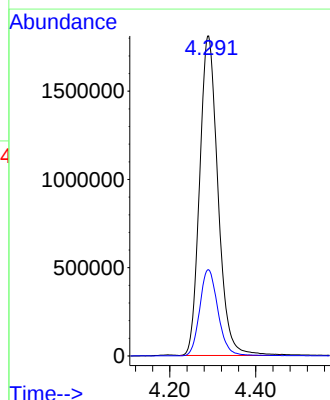
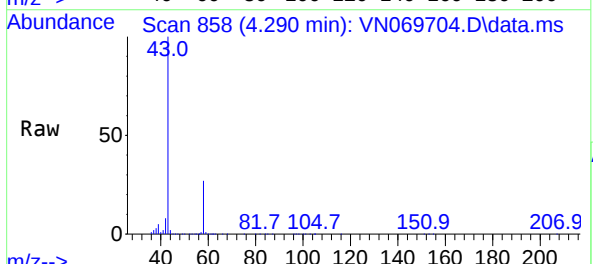
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 83.7  | 66.2  | 99.2  |
| 51  | 37.1  | 29.6  | 44.4  |

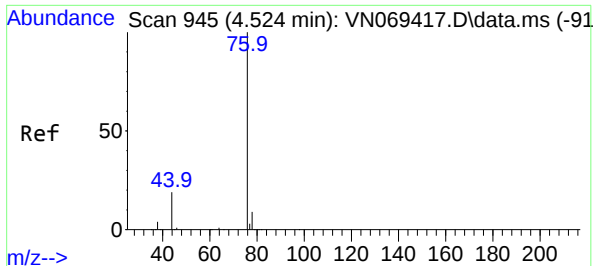


#16  
Acetone  
Concen: 539.436 ug/l  
RT: 4.290 min Scan# 858  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Tgt Ion: 43 Resp: 5349169

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 27.0  | 23.1  | 34.7  |

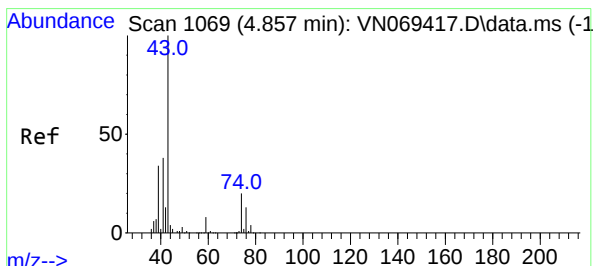
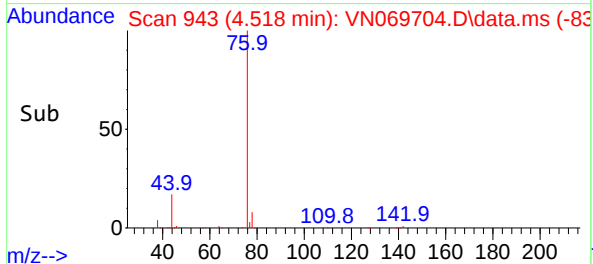
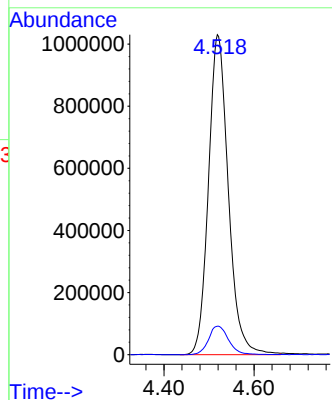
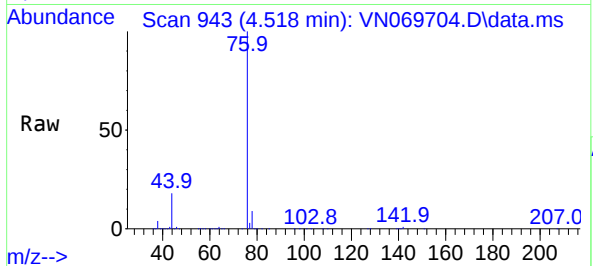




#17  
Carbon Disulfide  
Concen: 127.537 ug/l  
RT: 4.518 min Scan# 945  
Delta R.T. -0.005 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

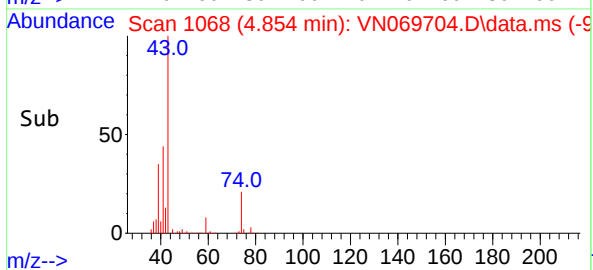
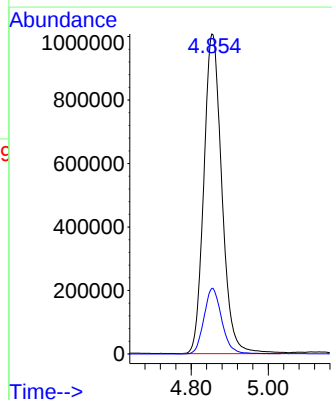
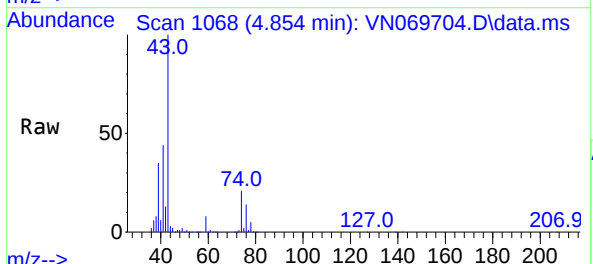
Instrument :  
MSVOA\_N  
ClientSampleId :

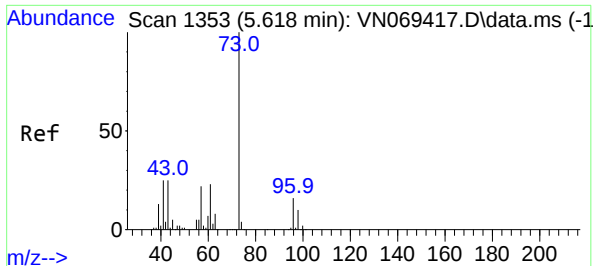
Tgt Ion: 76 Resp: 3152196  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.5 11.3



#18  
Methyl Acetate  
Concen: 103.107 ug/l  
RT: 4.854 min Scan# 1068  
Delta R.T. -0.003 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Tgt Ion: 43 Resp: 3270170  
Ion Ratio Lower Upper  
43 100  
74 20.3 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 106.256 ug/l

RT: 5.618 min Scan# 1156

Delta R.T. -0.000 min

Lab File: VN069704.D

Acq: 2 Dec 2021 19:20

Instrument :

MSVOA\_N

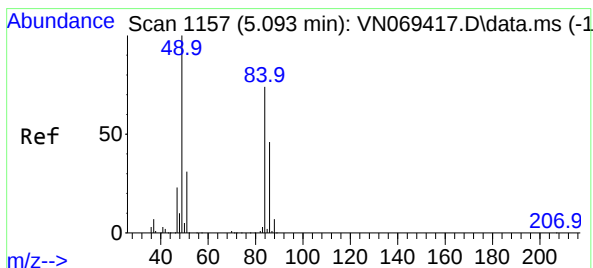
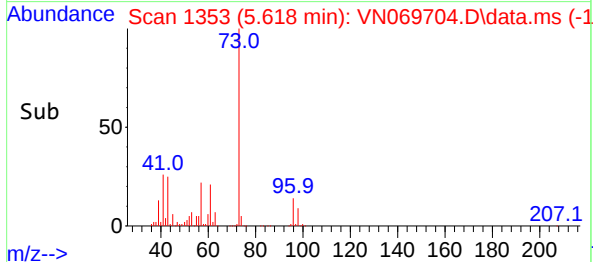
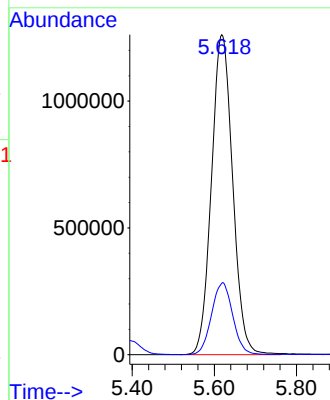
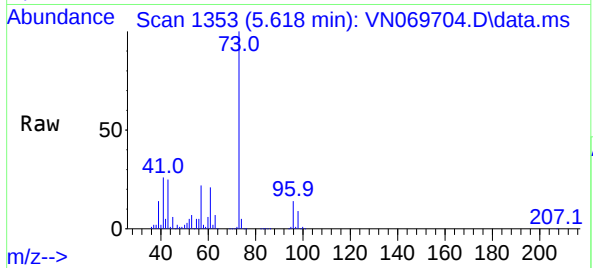
ClientSampleId :

Tgt Ion: 73 Resp: 4524206

Ion Ratio Lower Upper

73 100

57 22.3 16.8 25.2



#20

Methylene Chloride

Concen: 101.754 ug/l

RT: 5.090 min Scan# 1156

Delta R.T. -0.003 min

Lab File: VN069704.D

Acq: 2 Dec 2021 19:20

Tgt Ion: 84 Resp: 1407938

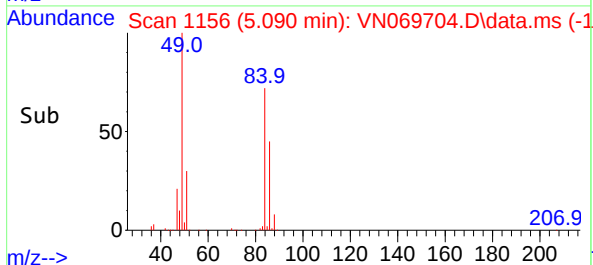
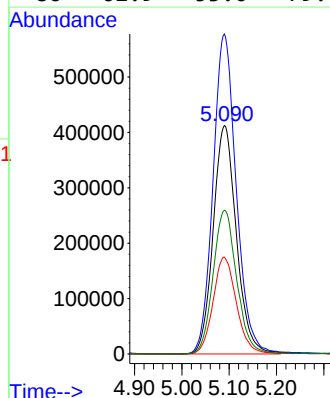
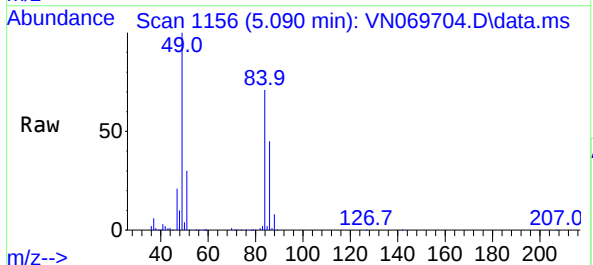
Ion Ratio Lower Upper

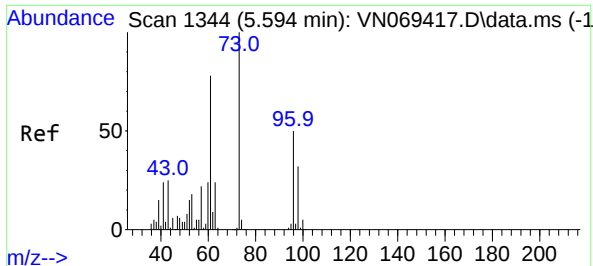
84 100

49 140.0 93.5 140.3

51 42.4 29.4 44.2

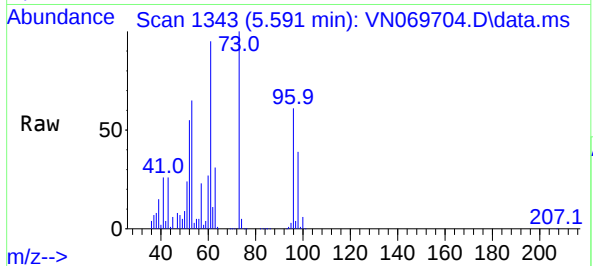
86 62.9 53.0 79.4





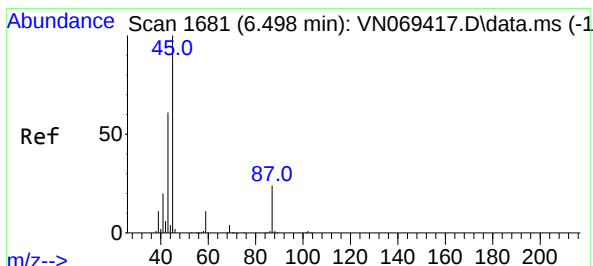
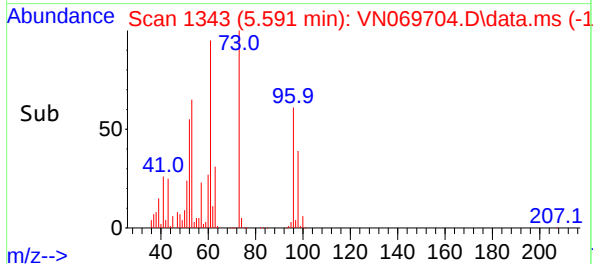
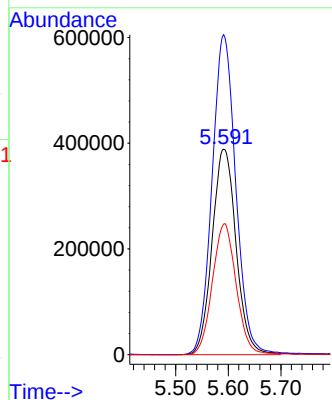
#21  
trans-1,2-Dichloroethene  
Concen: 108.597 ug/l  
RT: 5.591 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 96 Resp: 1234711

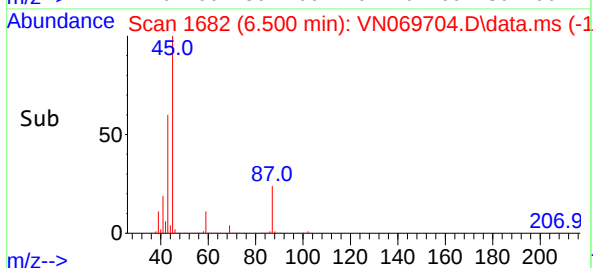
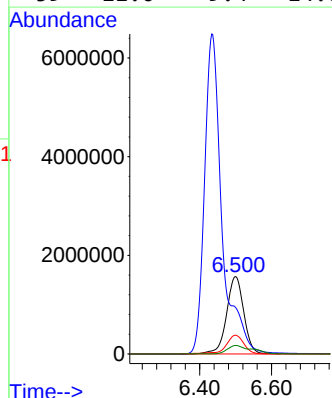
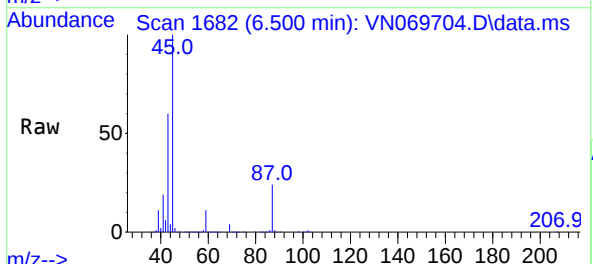
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 155.7 | 105.8 | 158.6 |
| 98  | 63.6  | 52.0  | 78.0  |

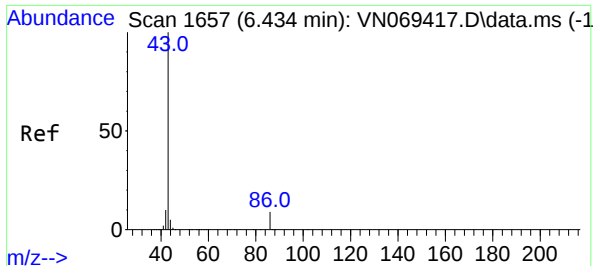


#22  
Diisopropyl ether  
Concen: 108.159 ug/l  
RT: 6.500 min Scan# 1682  
Delta R.T. 0.003 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Tgt Ion: 45 Resp: 5200905

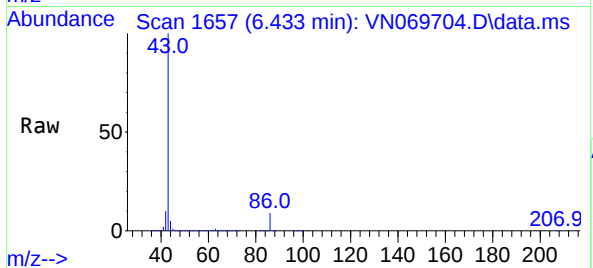
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 59.5  | 51.7  | 77.5  |
| 87  | 24.1  | 23.2  | 34.8  |
| 59  | 11.0  | 9.4   | 14.0  |



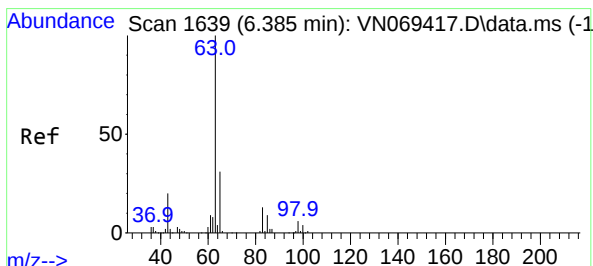
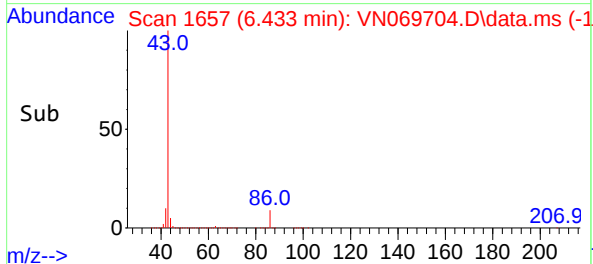
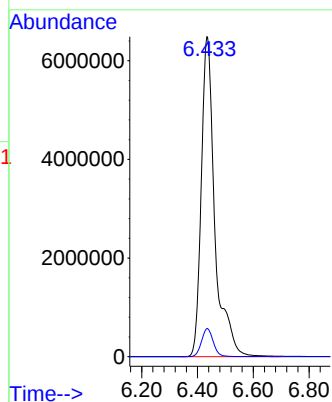


#23  
 Vinyl Acetate  
 Concen: 582.671 ug/l  
 RT: 6.433 min Scan# 1  
 Delta R.T. -0.003 min  
 Lab File: VN069704.D  
 Acq: 2 Dec 2021 19:20

Instrument :  
 MSVOA\_N  
 ClientSampleId :

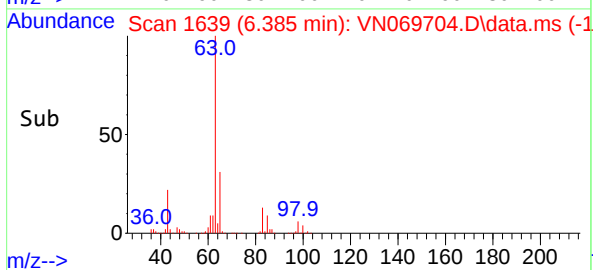
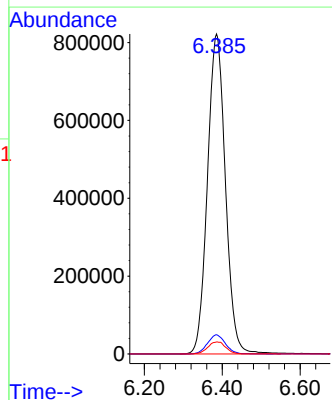
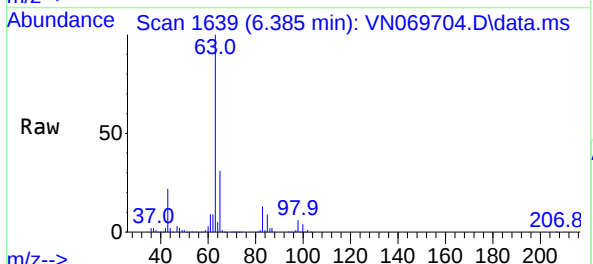


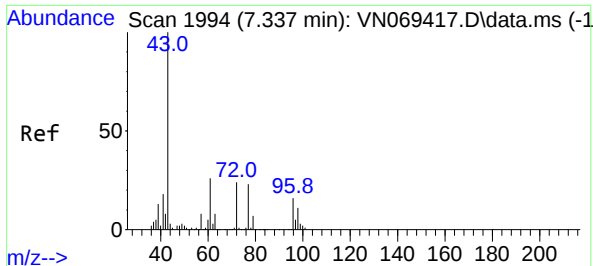
Tgt Ion: 43 Resp:21927624  
 Ion Ratio Lower Upper  
 43 100  
 86 8.8 8.5 12.7



#24  
 1,1-Dichloroethane  
 Concen: 107.155 ug/l  
 RT: 6.385 min Scan# 1639  
 Delta R.T. -0.003 min  
 Lab File: VN069704.D  
 Acq: 2 Dec 2021 19:20

Tgt Ion: 63 Resp: 2631130  
 Ion Ratio Lower Upper  
 63 100  
 98 6.0 3.3 9.9  
 100 3.7 2.1 6.5

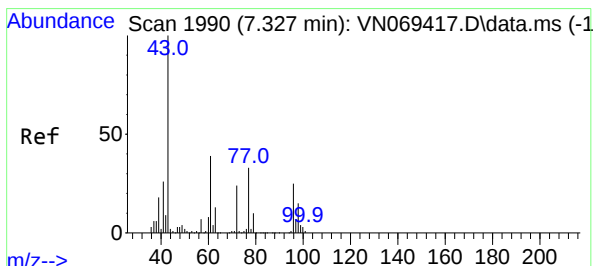
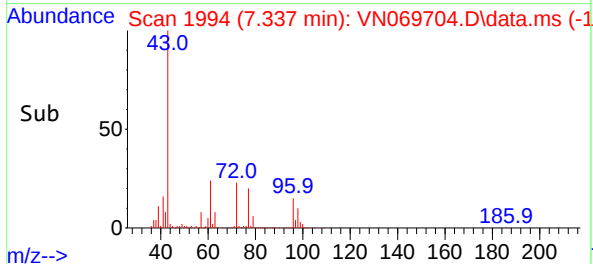
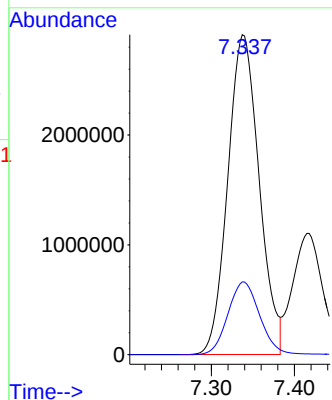
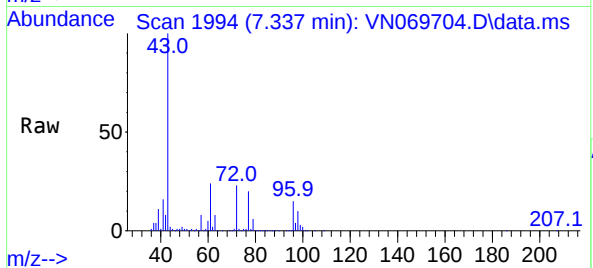




#25  
2-Butanone  
Concen: 569.166 ug/l  
RT: 7.337 min Scan# 1994  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

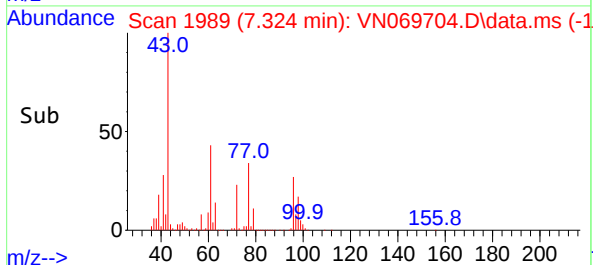
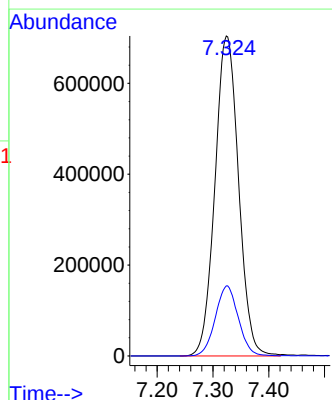
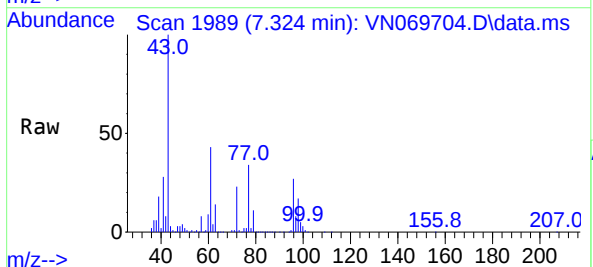
Instrument :  
MSVOA\_N  
ClientSampleId :

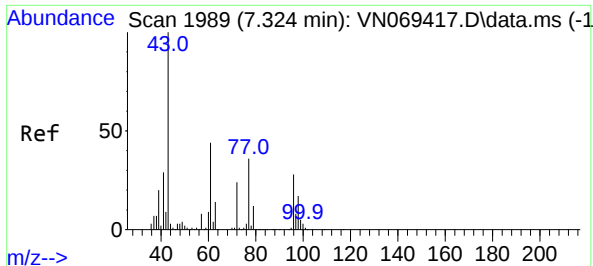
Tgt Ion: 43 Resp: 7647924  
Ion Ratio Lower Upper  
43 100  
72 22.8 21.7 32.5



#26  
2,2-Dichloropropane  
Concen: 108.885 ug/l  
RT: 7.324 min Scan# 1989  
Delta R.T. -0.003 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

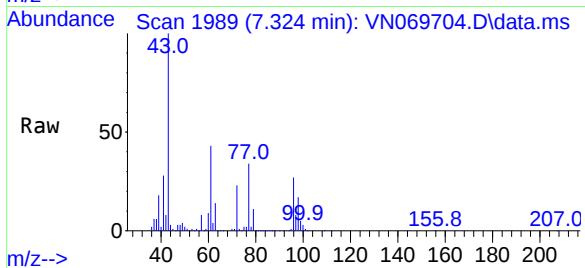
Tgt Ion: 77 Resp: 2069982  
Ion Ratio Lower Upper  
77 100  
97 21.4 11.6 34.8





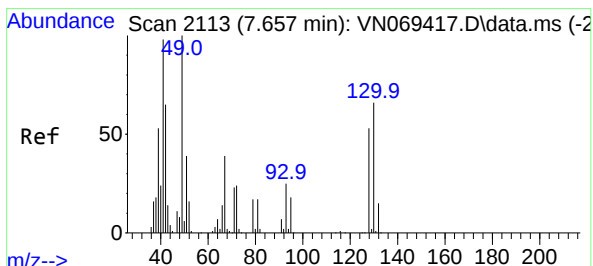
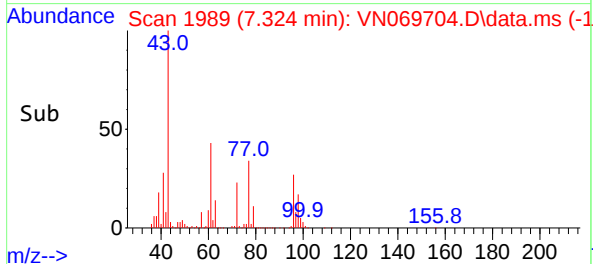
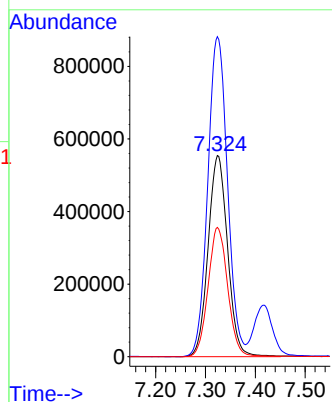
#27  
cis-1,2-Dichloroethene  
Concen: 107.562 ug/l  
RT: 7.324 min Scan# 1989  
Delta R.T. -0.003 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 96 Resp: 1507206

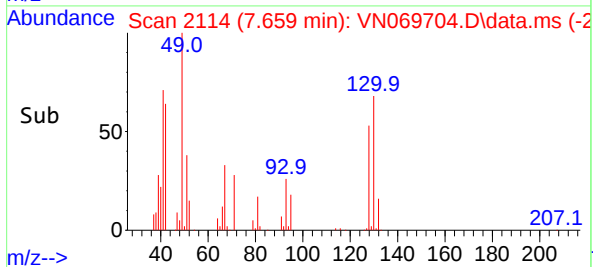
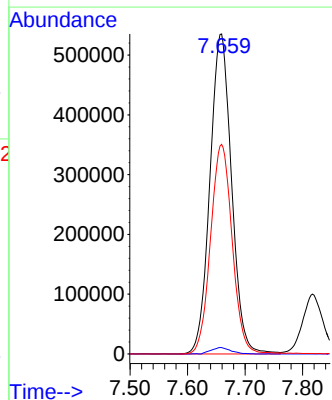
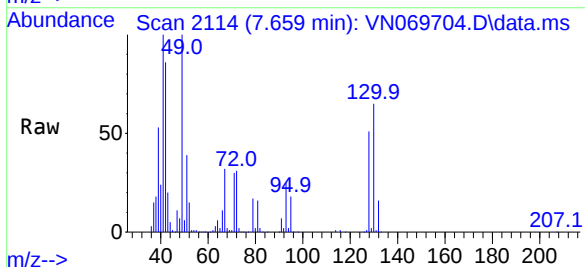
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 160.8 | 0.0   | 275.0 |
| 98  | 64.6  | 0.0   | 129.6 |

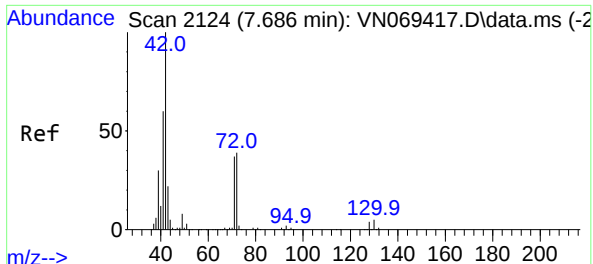


#28  
Bromochloromethane  
Concen: 110.645 ug/l  
RT: 7.659 min Scan# 2114  
Delta R.T. 0.003 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Tgt Ion: 49 Resp: 1398837

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.8   | 0.0   | 4.0   |
| 130 | 65.3  | 67.8  | 101.8 |





#29

Tetrahydrofuran

Concen: 579.470 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. -0.000 min

Lab File: VN069704.D

Acq: 2 Dec 2021 19:20

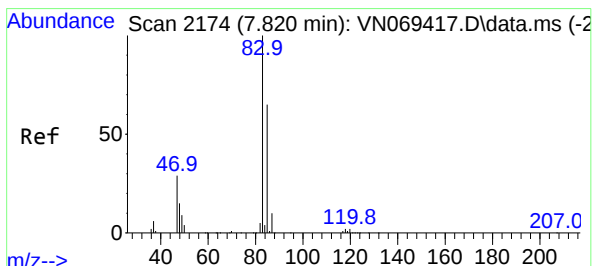
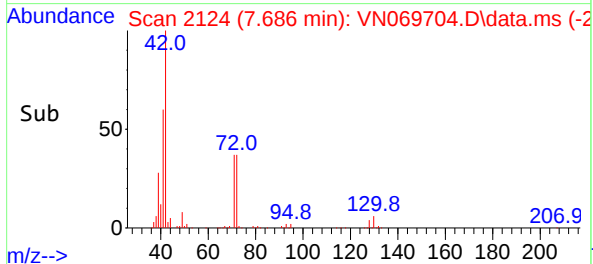
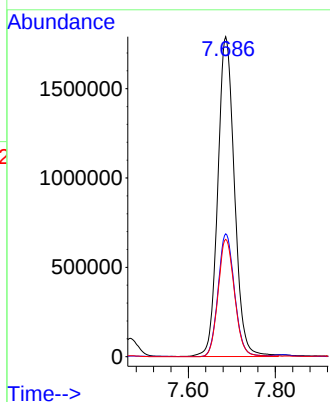
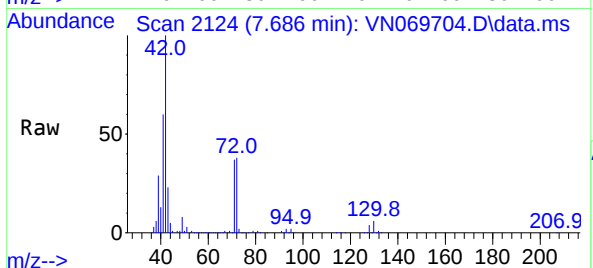
Instrument :

MSVOA\_N

ClientSampleId :

Tgt Ion: 42 Resp: 4760838

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 37.9  | 36.3  | 54.5  |
| 71  | 36.3  | 34.7  | 52.1  |



#30

Chloroform

Concen: 105.324 ug/l

RT: 7.817 min Scan# 2173

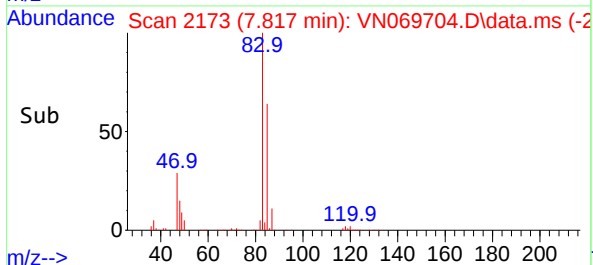
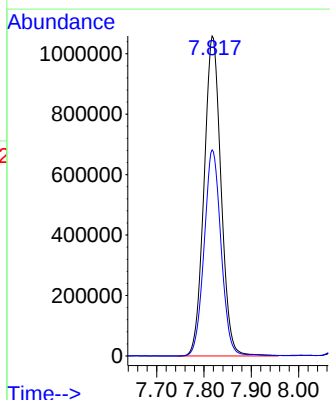
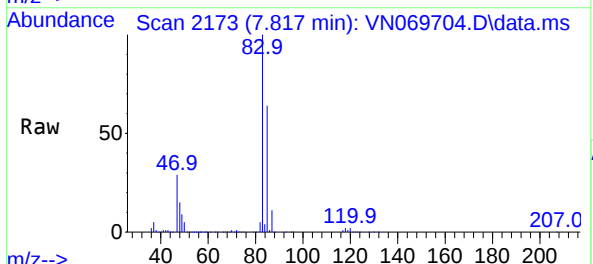
Delta R.T. -0.003 min

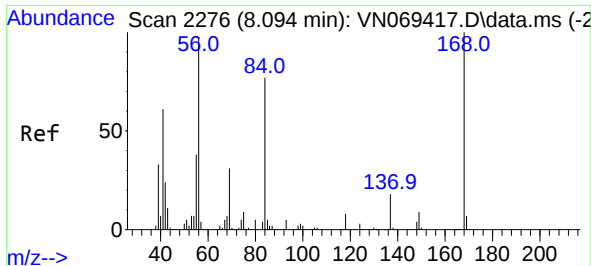
Lab File: VN069704.D

Acq: 2 Dec 2021 19:20

Tgt Ion: 83 Resp: 2637926

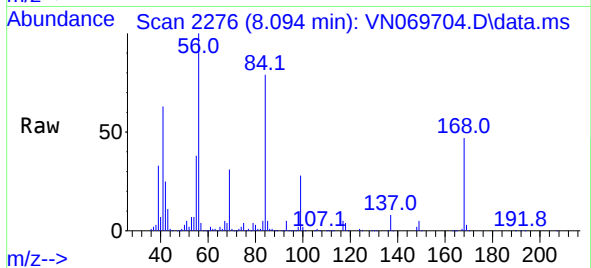
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 64.4  | 51.9  | 77.9  |





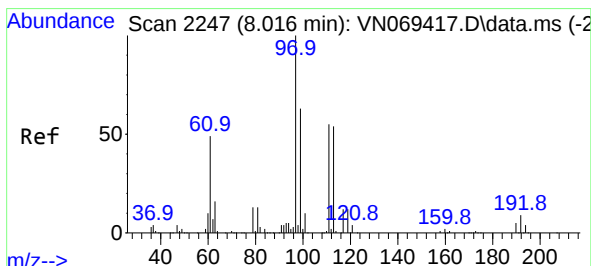
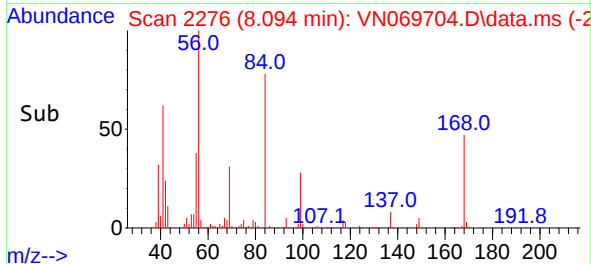
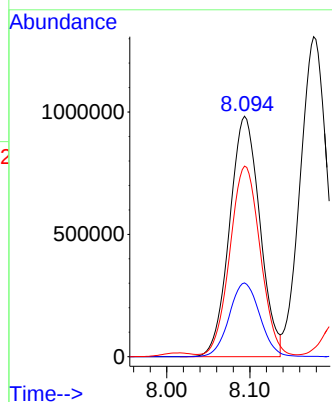
#31  
Cyclohexane  
Concen: 100.011 ug/l  
RT: 8.094 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 56 Resp: 2490694

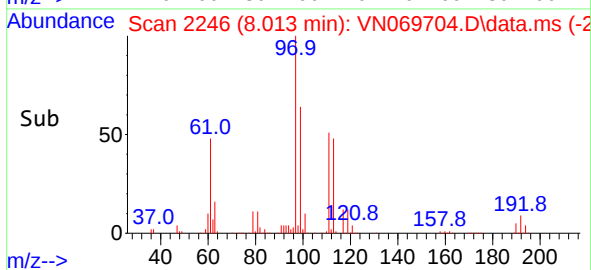
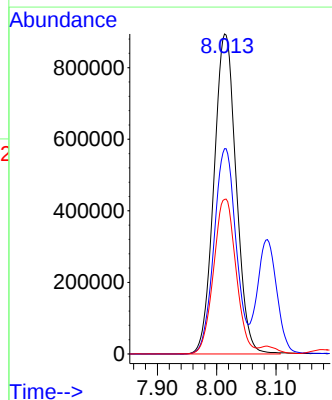
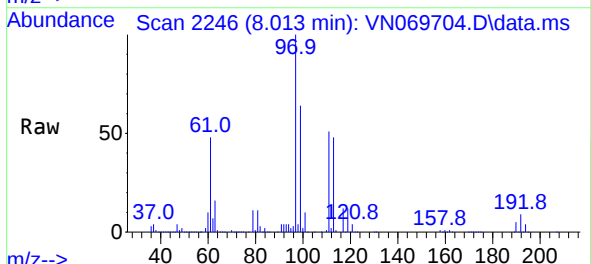
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 30.6  | 27.1  | 40.7  |
| 84  | 77.7  | 73.4  | 110.0 |

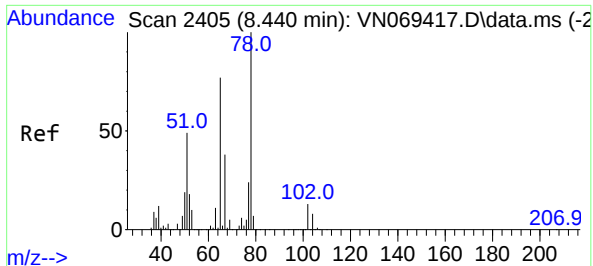


#32  
1,1,1-Trichloroethane  
Concen: 110.839 ug/l  
RT: 8.013 min Scan# 2246  
Delta R.T. -0.003 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Tgt Ion: 97 Resp: 2326194

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 63.6  | 50.1  | 75.1  |
| 61  | 48.9  | 35.2  | 52.8  |





#33

1,2-Dichloroethane-d4

Concen: 100.624 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069704.D

Acq: 2 Dec 2021 19:20

Instrument :

MSVOA\_N

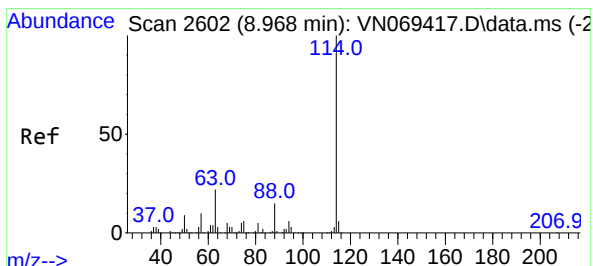
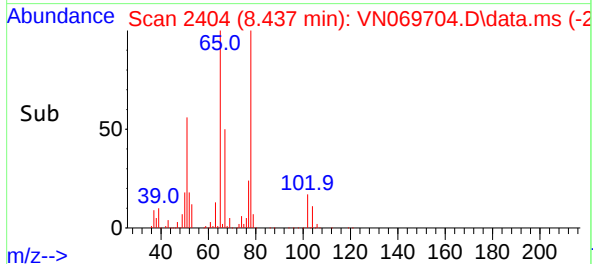
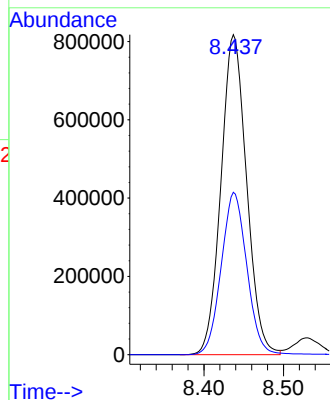
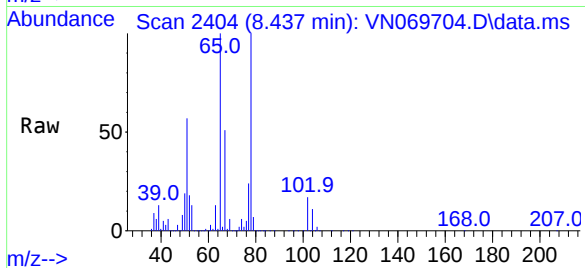
ClientSampleId :

Tgt Ion: 65 Resp: 1830878

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069704.D

Acq: 2 Dec 2021 19:20

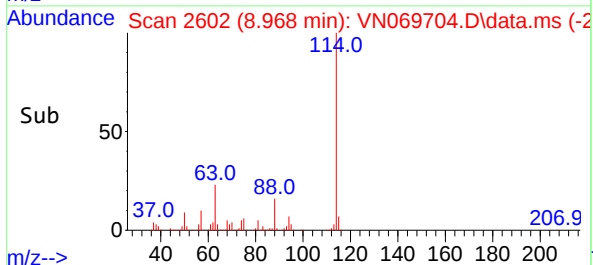
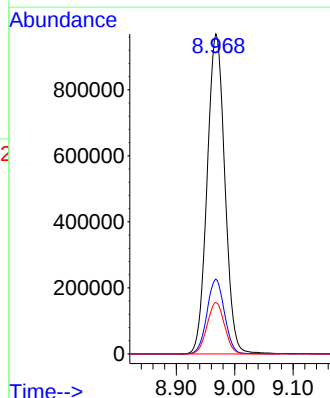
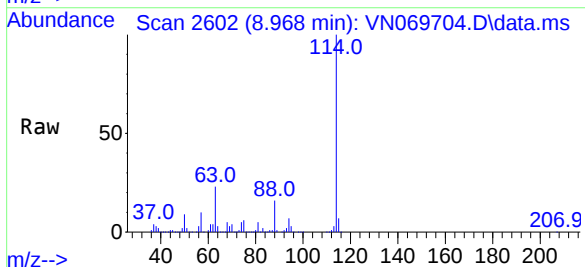
Tgt Ion: 114 Resp: 2040222

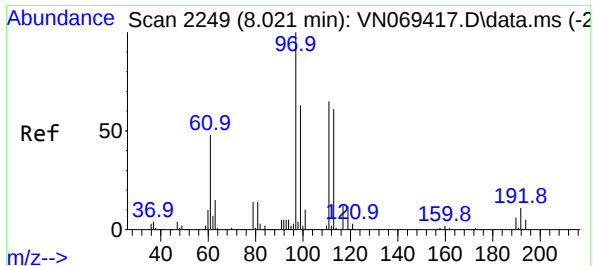
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

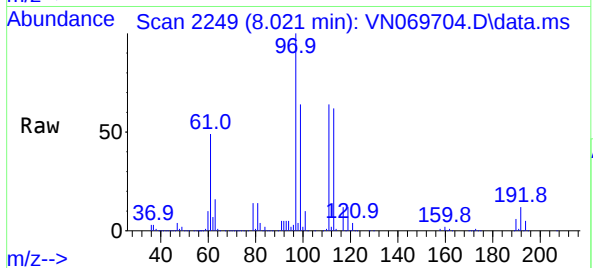
88 16.1 0.0 27.4



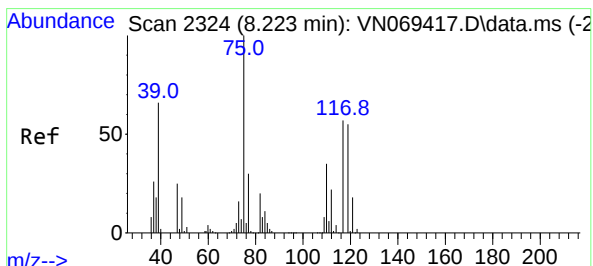
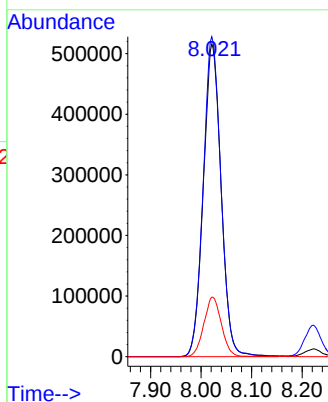
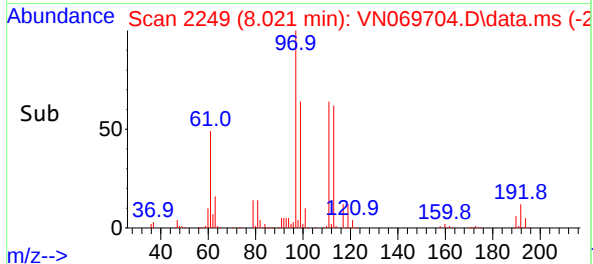


#35  
Dibromofluoromethane  
Concen: 99.916 ug/l  
RT: 8.021 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Instrument :  
MSVOA\_N  
ClientSampleId :

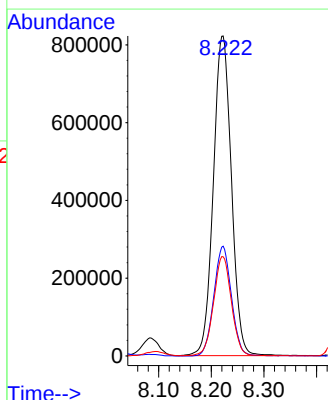
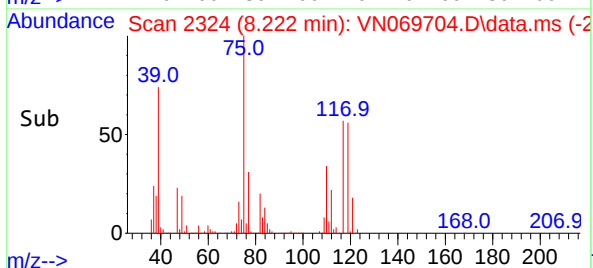
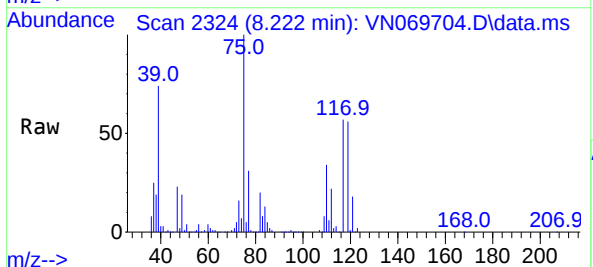


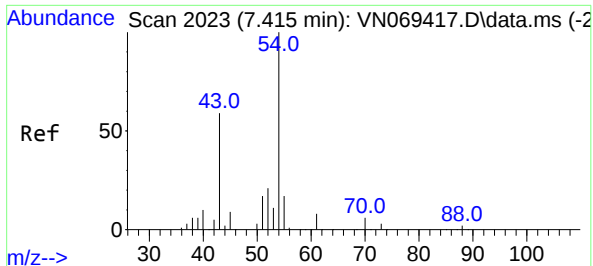
Tgt Ion:113 Resp: 1259547  
Ion Ratio Lower Upper  
113 100  
111 102.3 82.2 123.2  
192 18.9 16.9 25.3



#36  
1,1-Dichloropropene  
Concen: 110.761 ug/l  
RT: 8.222 min Scan# 2324  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Tgt Ion: 75 Resp: 1961560  
Ion Ratio Lower Upper  
75 100  
110 33.4 18.4 55.2  
77 30.6 24.4 36.6



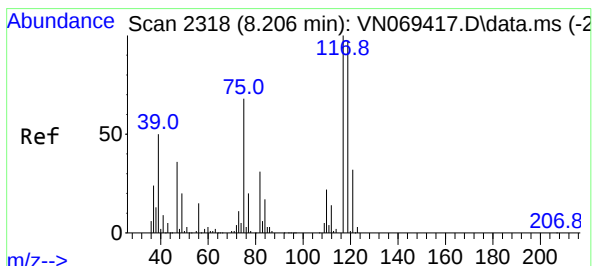
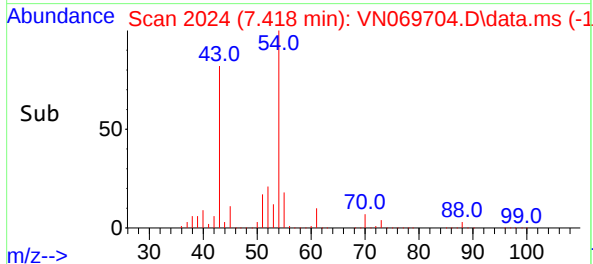
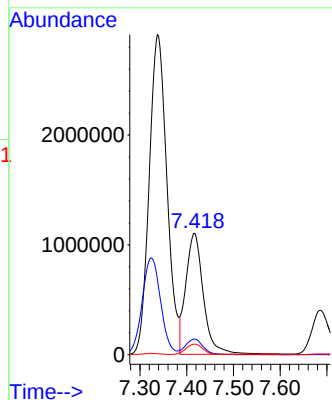
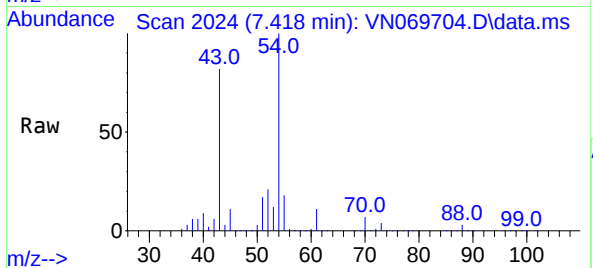


#37  
Ethyl Acetate  
Concen: 117.449 ug/l  
RT: 7.418 min Scan# 2023  
Delta R.T. 0.003 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 43 Resp: 2857423

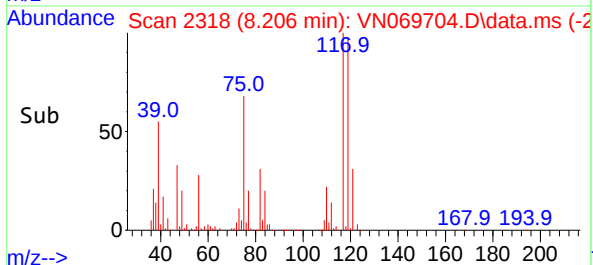
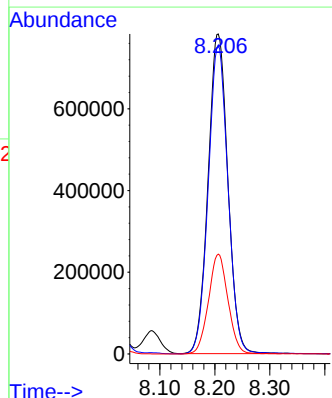
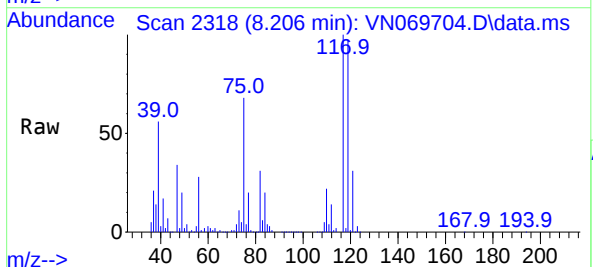
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 12.8  | 11.5  | 17.3  |
| 70  | 8.5   | 7.9   | 11.9  |

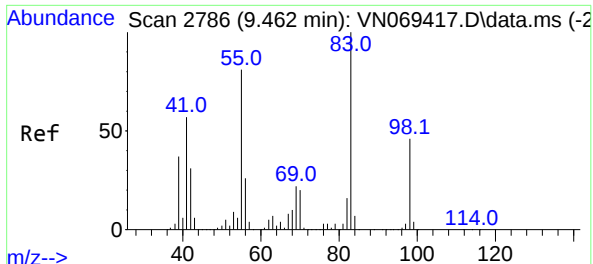


#38  
Carbon Tetrachloride  
Concen: 114.227 ug/l  
RT: 8.206 min Scan# 2318  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Tgt Ion: 117 Resp: 1957336

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 96.6  | 76.1  | 114.1 |
| 121 | 31.2  | 24.2  | 36.2  |





#39

Methylcyclohexane

Concen: 109.111 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069704.D

Acq: 2 Dec 2021 19:20

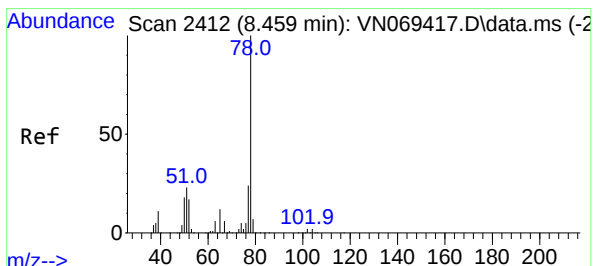
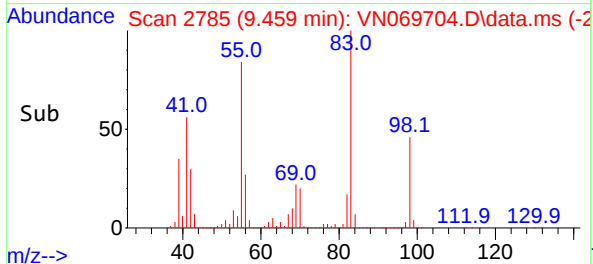
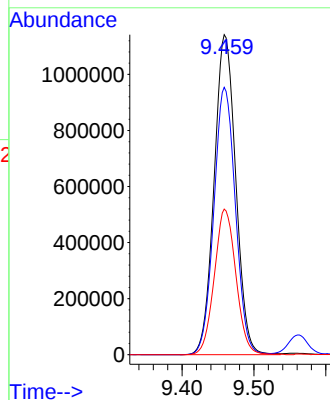
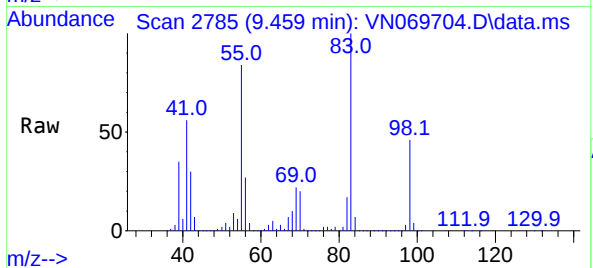
Instrument :

MSVOA\_N

ClientSampleId :

Tgt Ion: 83 Resp: 2382406

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 83.5  | 58.1  | 87.1  |
| 98  | 45.5  | 38.4  | 57.6  |



#40

Benzene

Concen: 107.846 ug/l

RT: 8.458 min Scan# 2412

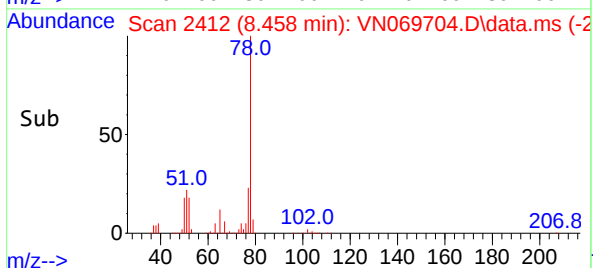
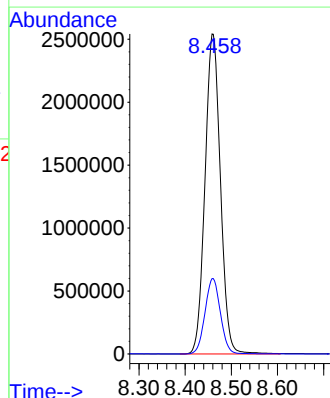
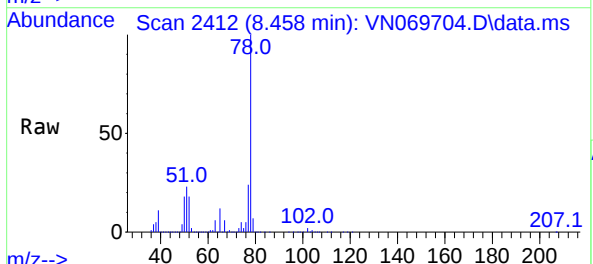
Delta R.T. -0.003 min

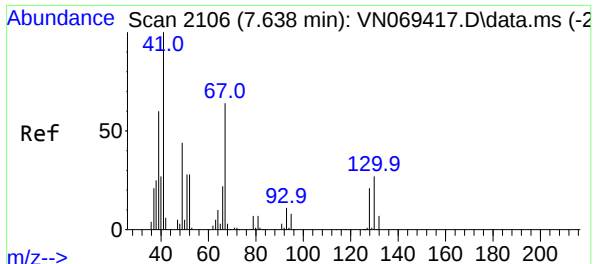
Lab File: VN069704.D

Acq: 2 Dec 2021 19:20

Tgt Ion: 78 Resp: 5891230

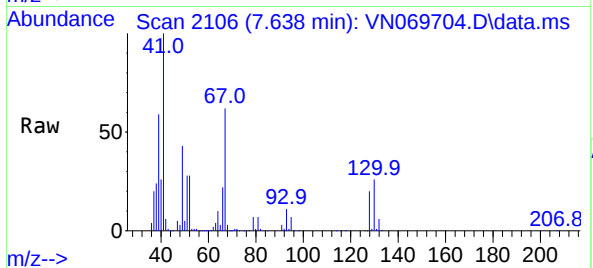
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 23.5  | 18.6  | 27.8  |





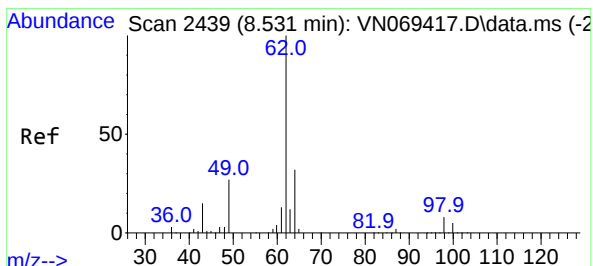
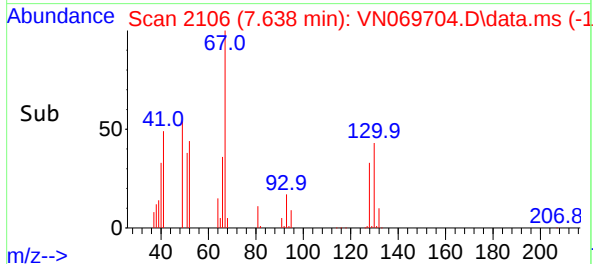
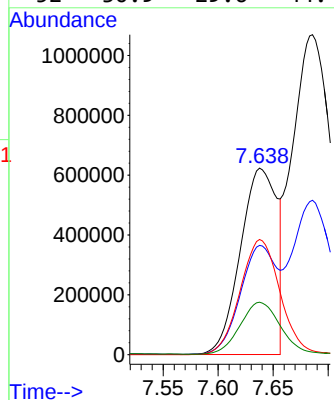
#41  
Methacrylonitrile  
Concen: 115.013 ug/l  
RT: 7.638 min Scan# 2106  
Delta R.T. -0.003 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 41 Resp: 1444767

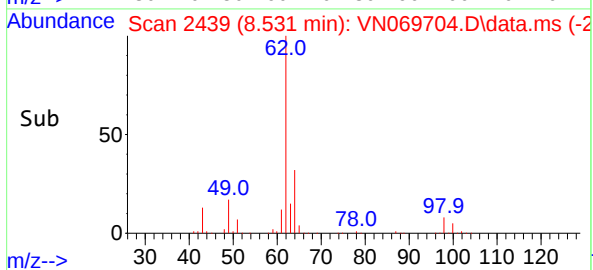
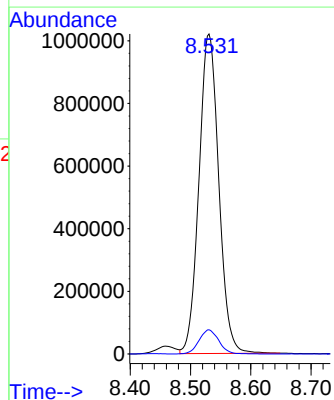
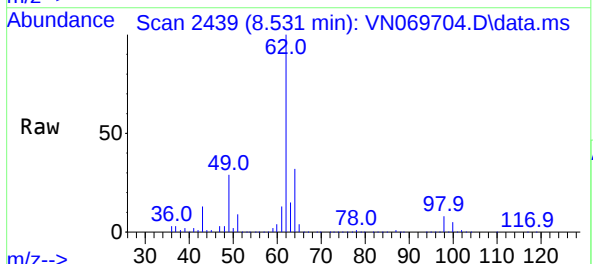
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 57.5  | 48.1  | 72.1  |
| 67  | 67.9  | 68.3  | 102.5 |
| 52  | 30.9  | 29.6  | 44.4  |

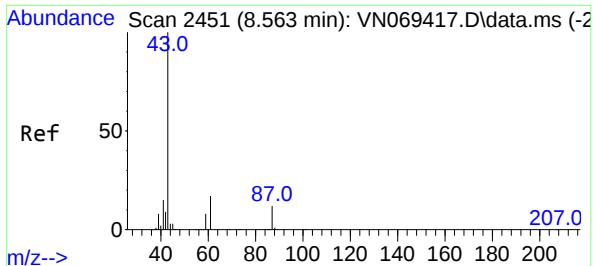


#42  
1,2-Dichloroethane  
Concen: 108.531 ug/l  
RT: 8.531 min Scan# 2439  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Tgt Ion: 62 Resp: 2332734

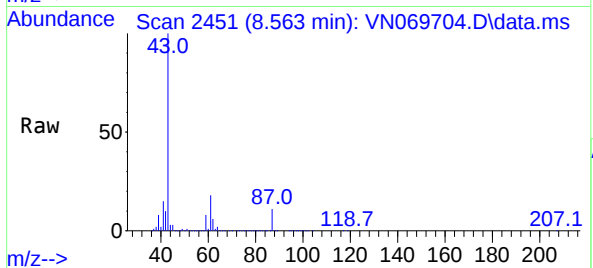
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 7.5   | 0.0   | 17.6  |





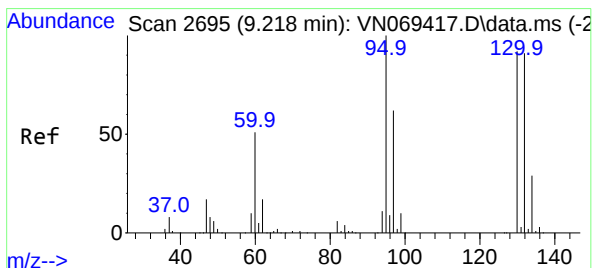
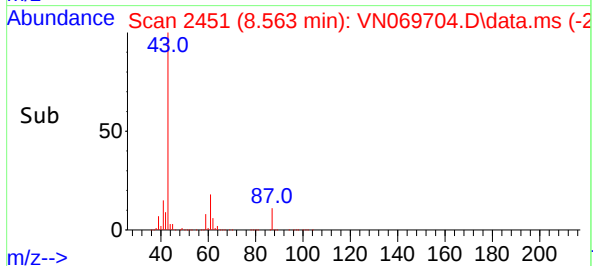
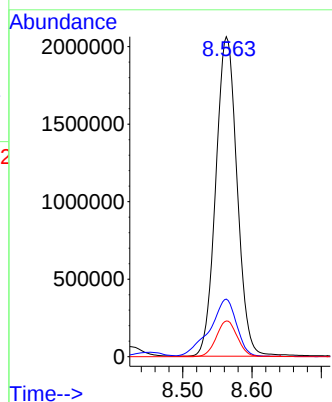
#43  
Isopropyl Acetate  
Concen: 114.095 ug/l  
RT: 8.563 min Scan# 2451  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 43 Resp: 4400659

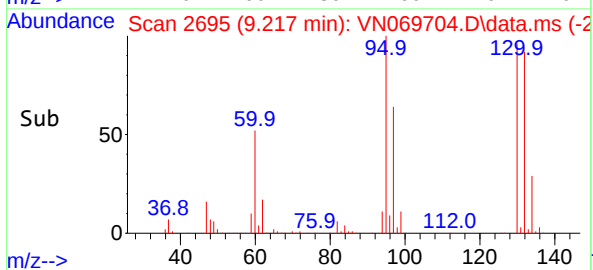
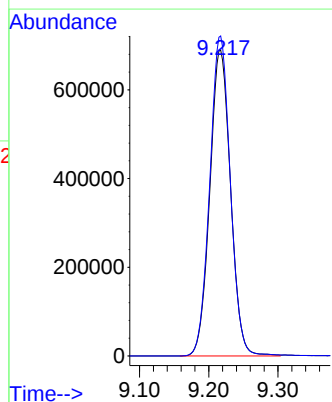
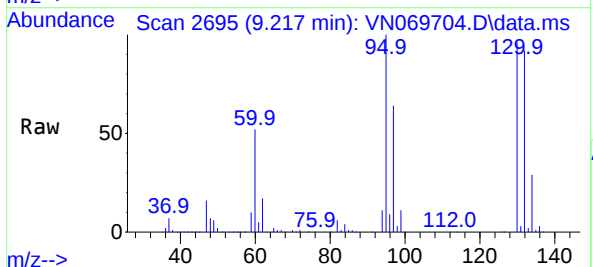
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 22.6  | 20.4  | 30.6  |
| 87  | 11.2  | 11.2  | 16.8  |

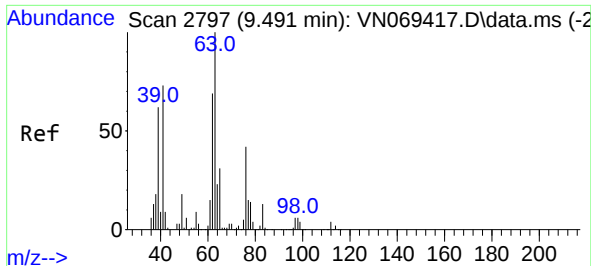


#44  
Trichloroethene  
Concen: 109.720 ug/l  
RT: 9.217 min Scan# 2695  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Tgt Ion:130 Resp: 1435563

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 104.6 | 0.0   | 191.2 |

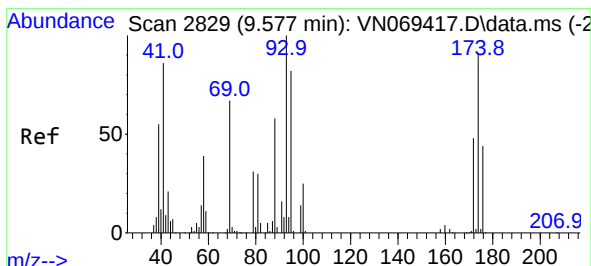
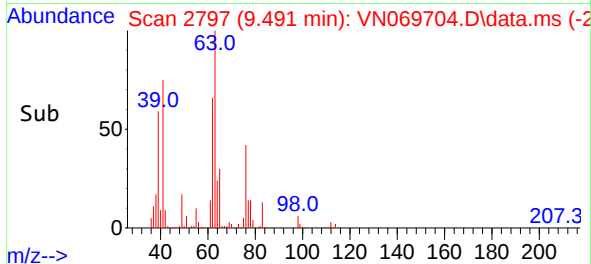
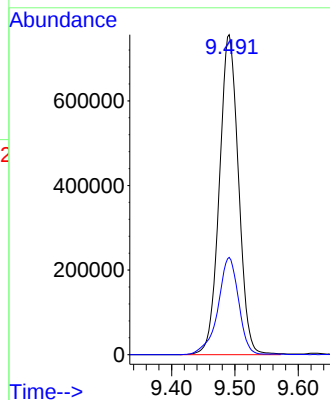
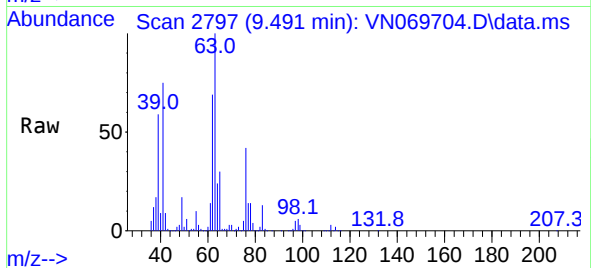




#45  
1,2-Dichloropropane  
Concen: 108.998 ug/l  
RT: 9.491 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

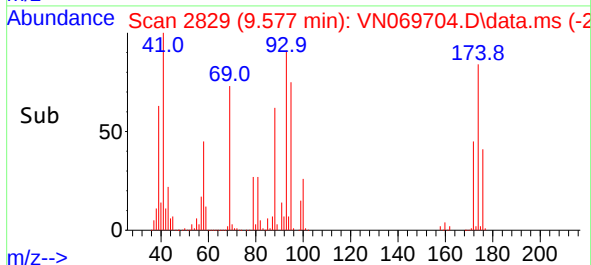
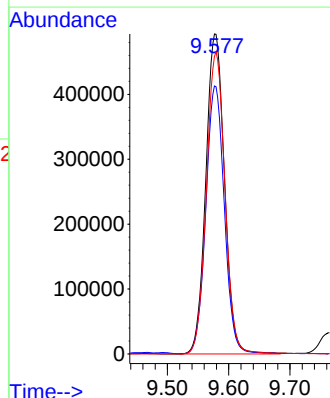
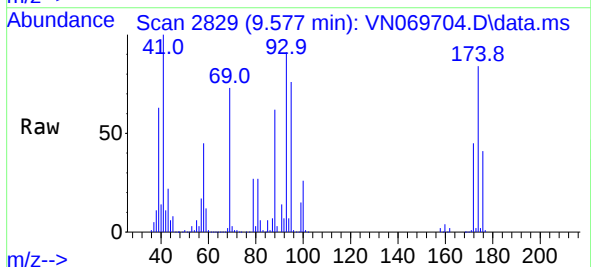
Instrument :  
MSVOA\_N  
ClientSampleId :

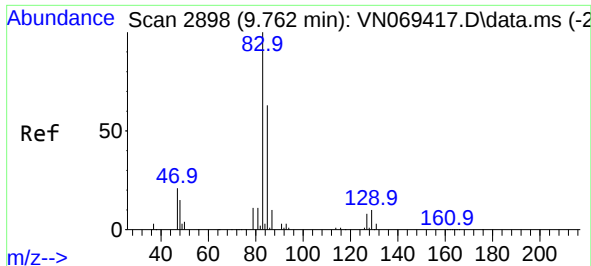
Tgt Ion: 63 Resp: 1586950  
Ion Ratio Lower Upper  
63 100  
65 30.4 24.7 37.1



#46  
Dibromomethane  
Concen: 107.304 ug/l  
RT: 9.577 min Scan# 2829  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Tgt Ion: 93 Resp: 1044961  
Ion Ratio Lower Upper  
93 100  
95 82.8 65.9 98.9  
174 93.7 84.6 127.0

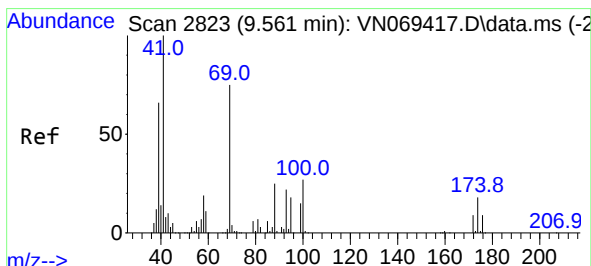
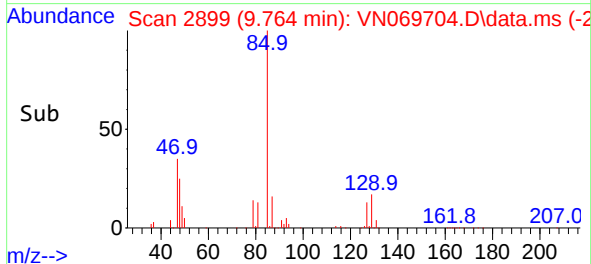
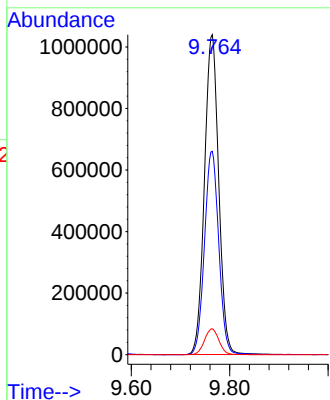
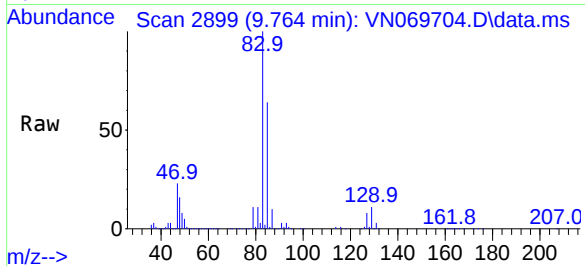




#47  
Bromodichloromethane  
Concen: 114.988 ug/l  
RT: 9.764 min Scan# 2898  
Delta R.T. 0.003 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

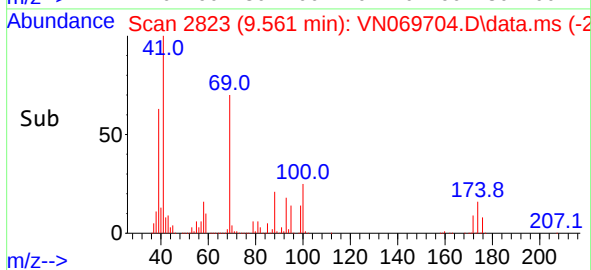
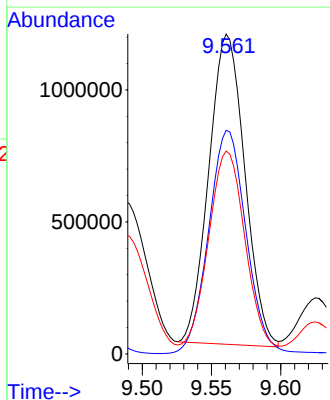
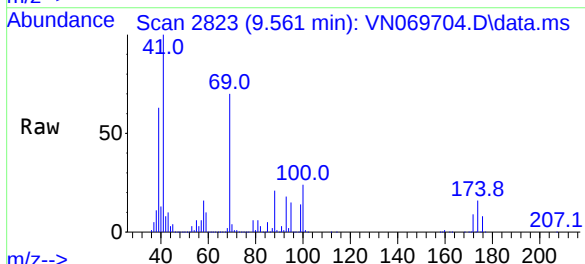
Instrument :  
MSVOA\_N  
ClientSampleId :

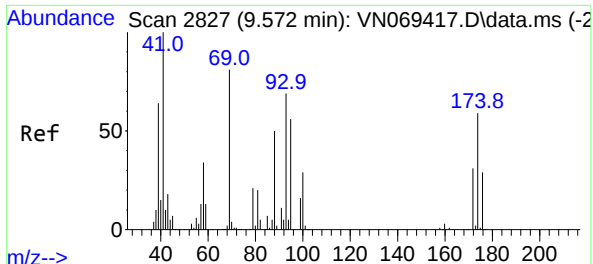
Tgt Ion: 83 Resp: 2089783  
Ion Ratio Lower Upper  
83 100  
85 63.6 50.9 76.3  
127 8.1 7.1 10.7



#48  
Methyl methacrylate  
Concen: 117.825 ug/l  
RT: 9.561 min Scan# 2823  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

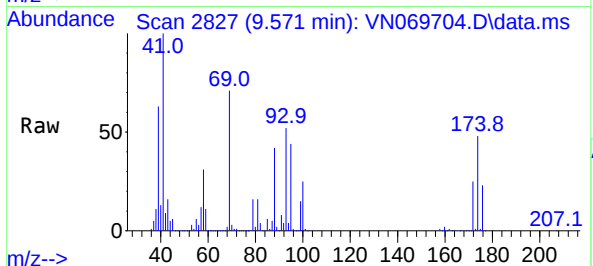
Tgt Ion: 41 Resp: 2121075  
Ion Ratio Lower Upper  
41 100  
69 75.7 72.4 108.6  
39 63.4 58.4 87.6



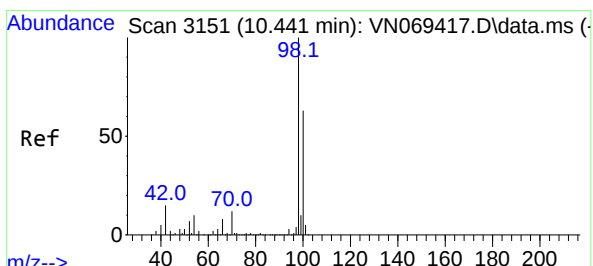
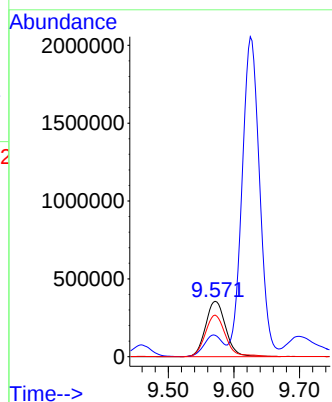
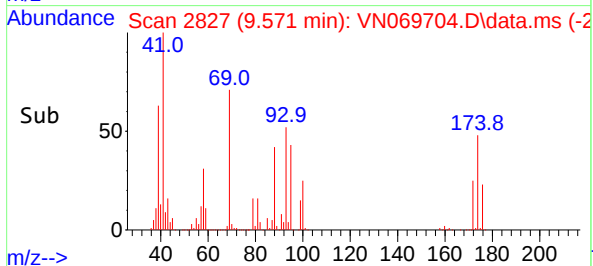


#49  
1,4-Dioxane  
Concen: 2354.048 ug/l  
RT: 9.571 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Instrument :  
MSVOA\_N  
ClientSampleId :

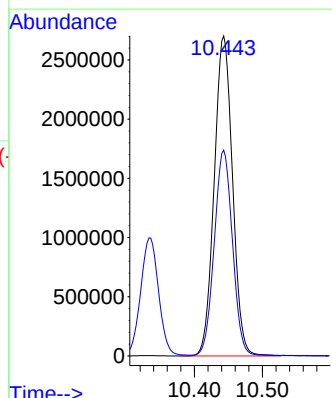
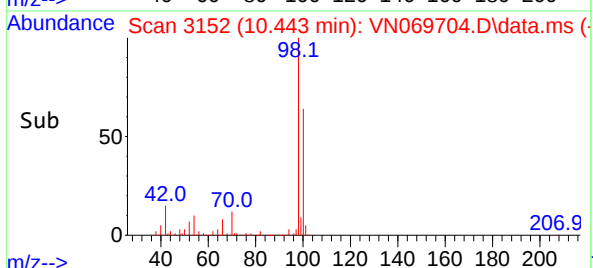
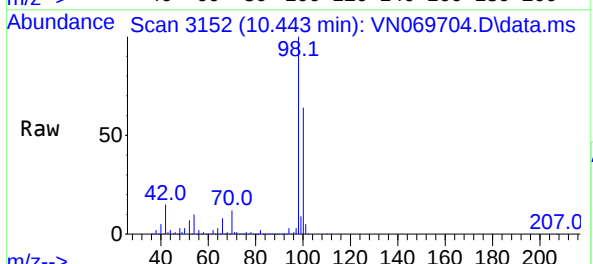


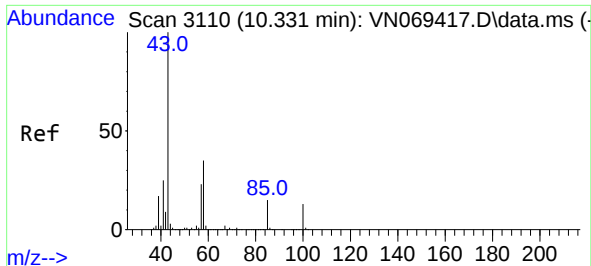
Tgt Ion: 88 Resp: 761948  
Ion Ratio Lower Upper  
88 100  
43 35.0 23.4 35.2  
58 76.2 50.6 75.8#



#50  
Toluene-d8  
Concen: 102.249 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Tgt Ion: 98 Resp: 5064195  
Ion Ratio Lower Upper  
98 100  
100 64.0 50.4 75.6

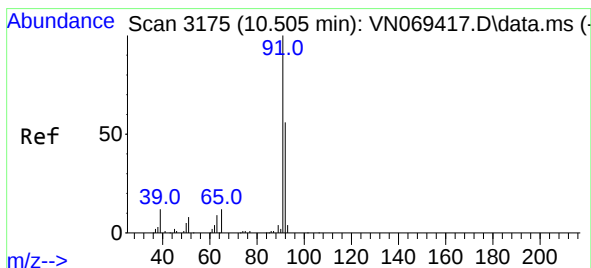
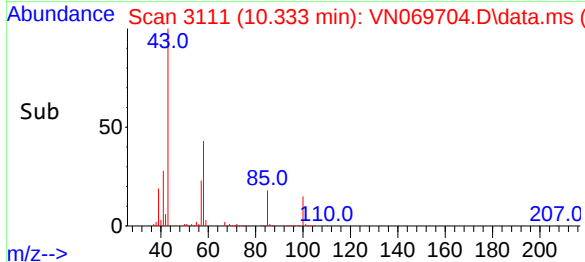
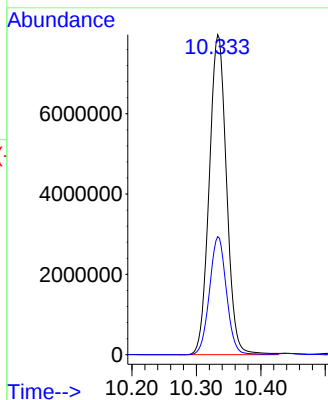
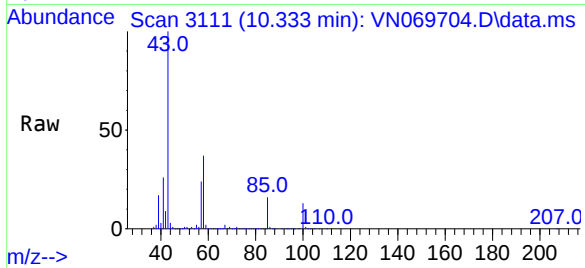




#51  
4-Methyl-2-Pentanone  
Concen: 594.630 ug/l  
RT: 10.333 min Scan# 3111  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

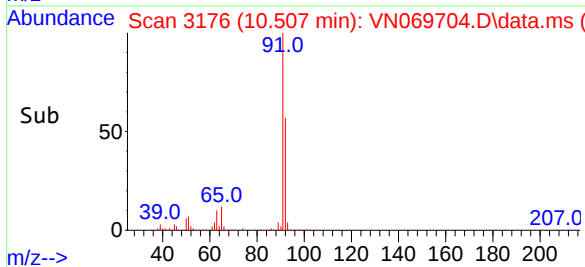
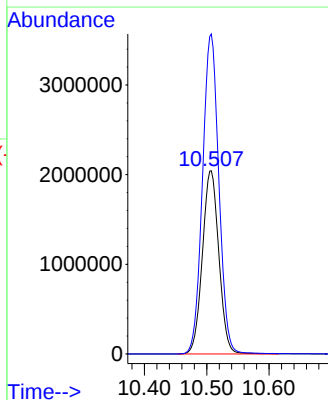
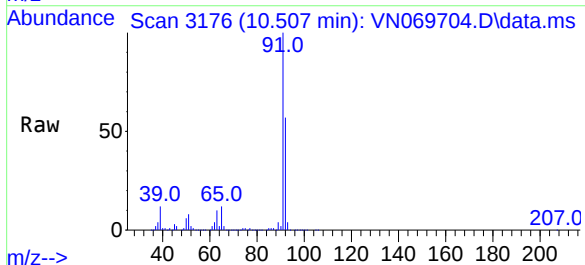
Instrument :  
MSVOA\_N  
ClientSampleId :

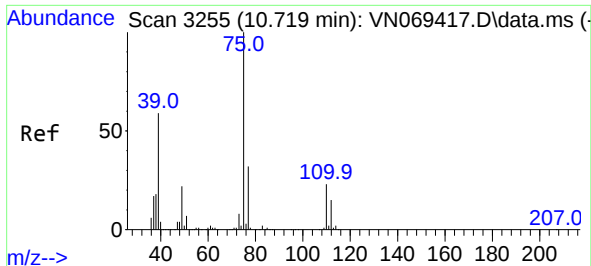
Tgt Ion: 43 Resp:14854392  
Ion Ratio Lower Upper  
43 100  
58 36.1 30.4 45.6



#52  
Toluene  
Concen: 110.525 ug/l  
RT: 10.507 min Scan# 3176  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Tgt Ion: 92 Resp: 3738457  
Ion Ratio Lower Upper  
92 100  
91 174.2 142.0 213.0

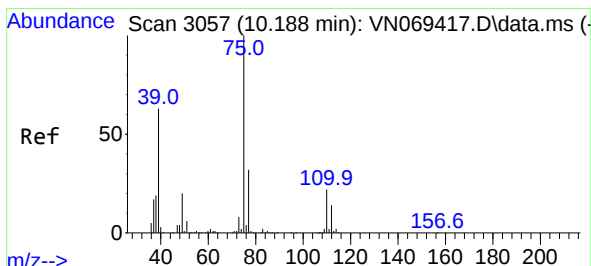
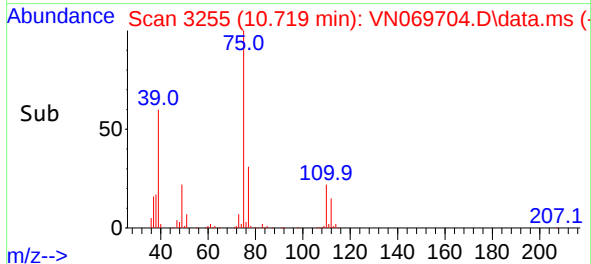
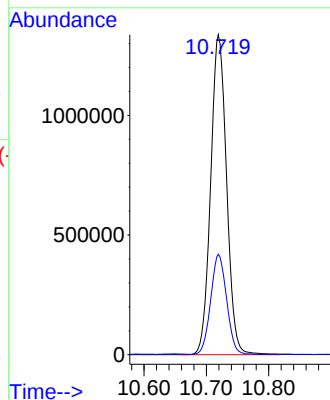
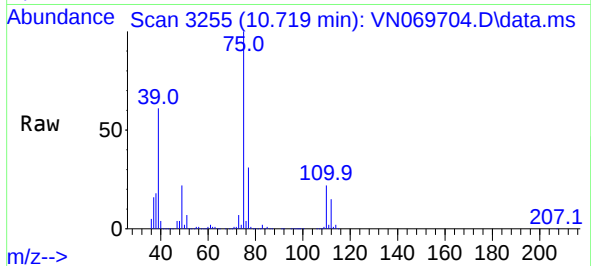




#53  
t-1,3-Dichloropropene  
Concen: 124.443 ug/l  
RT: 10.719 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

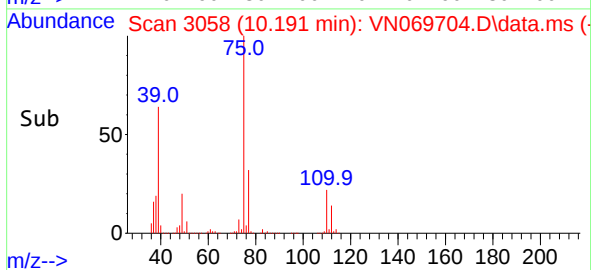
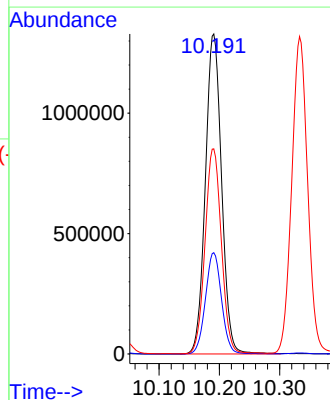
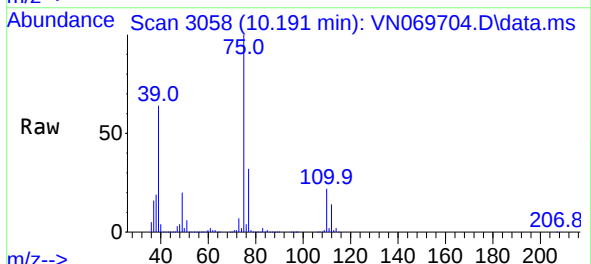
Instrument :  
MSVOA\_N  
ClientSampleId :

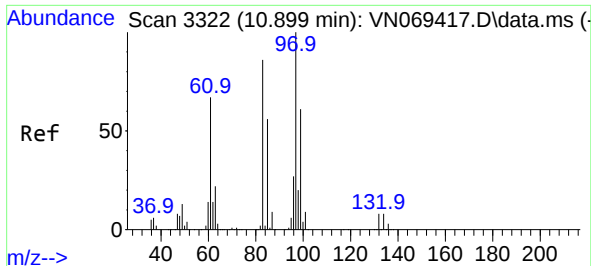
Tgt Ion: 75 Resp: 2373296  
Ion Ratio Lower Upper  
75 100  
77 31.3 25.6 38.4



#54  
cis-1,3-Dichloropropene  
Concen: 119.422 ug/l  
RT: 10.191 min Scan# 3058  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

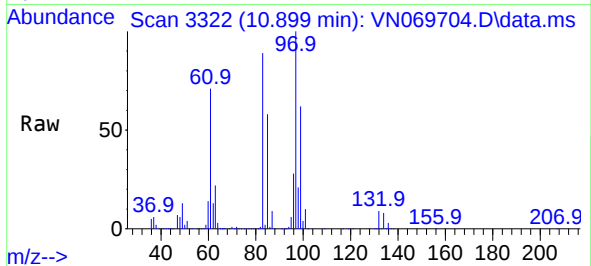
Tgt Ion: 75 Resp: 2485330  
Ion Ratio Lower Upper  
75 100  
77 31.7 26.4 39.6  
39 64.0 42.5 63.7#





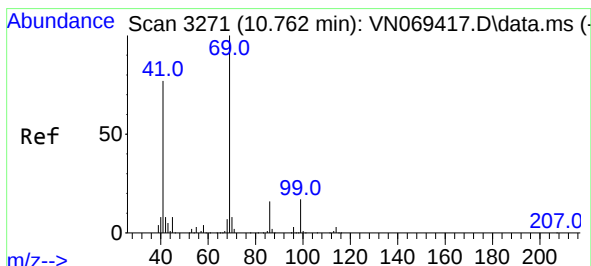
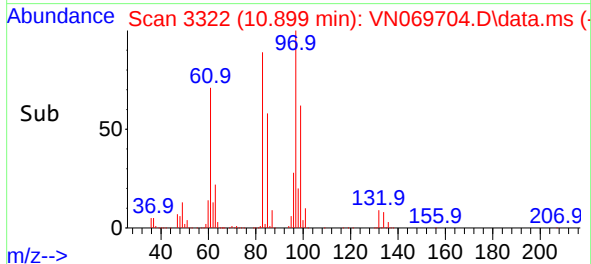
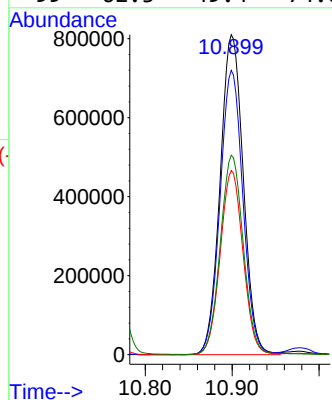
#55  
1,1,2-Trichloroethane  
Concen: 110.003 ug/l  
RT: 10.899 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 97 Resp: 1497582

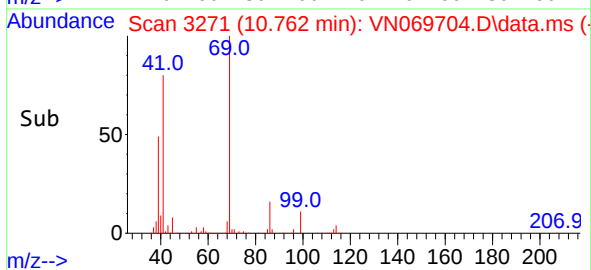
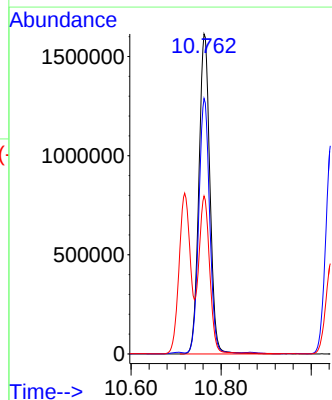
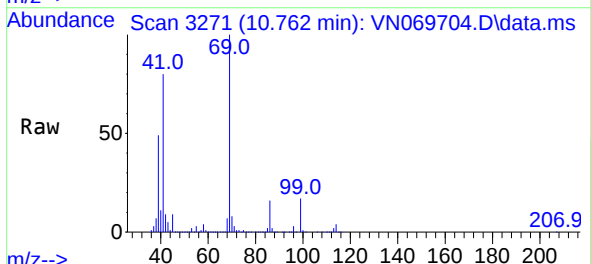
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 88.9  | 67.8  | 101.6 |
| 85  | 57.5  | 45.4  | 68.2  |
| 99  | 62.3  | 49.4  | 74.0  |

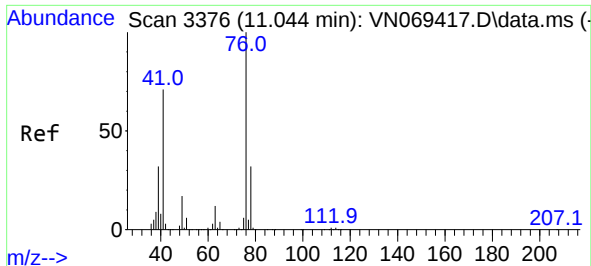


#56  
Ethyl methacrylate  
Concen: 120.775 ug/l  
RT: 10.762 min Scan# 3271  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Tgt Ion: 69 Resp: 2743935

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 78.3  | 51.4  | 77.0# |
| 39  | 48.7  | 34.6  | 52.0  |





#57

1,3-Dichloropropane

Concen: 109.484 ug/l

RT: 11.046 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN069704.D

Acq: 2 Dec 2021 19:20

Instrument :

MSVOA\_N

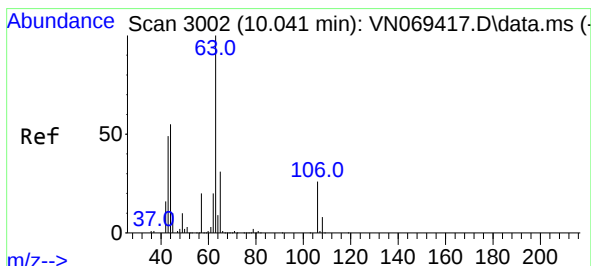
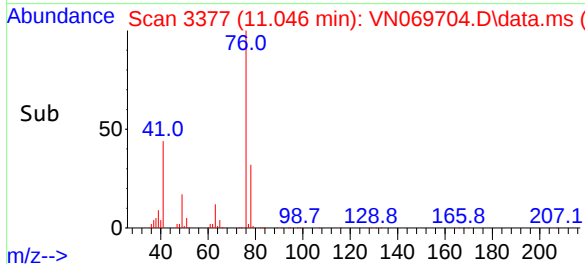
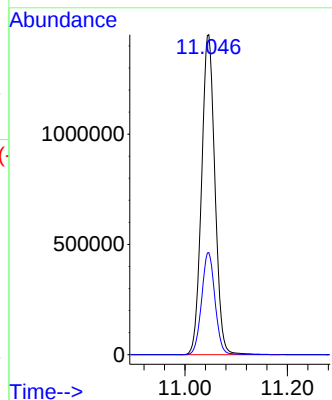
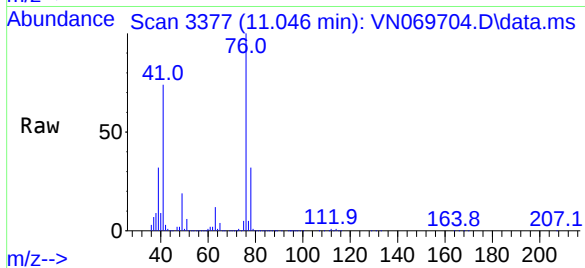
ClientSampleId :

Tgt Ion: 76 Resp: 2630201

Ion Ratio Lower Upper

76 100

78 32.0 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 678.177 ug/l

RT: 10.043 min Scan# 3003

Delta R.T. -0.000 min

Lab File: VN069704.D

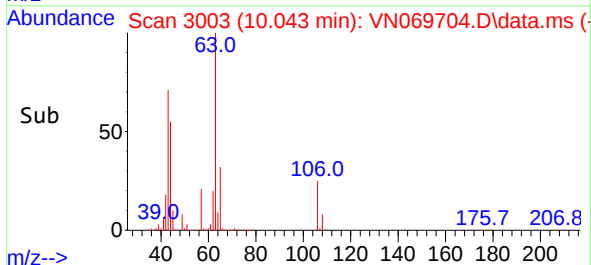
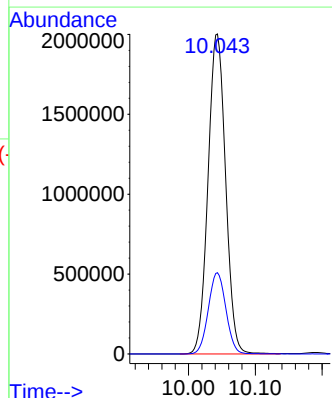
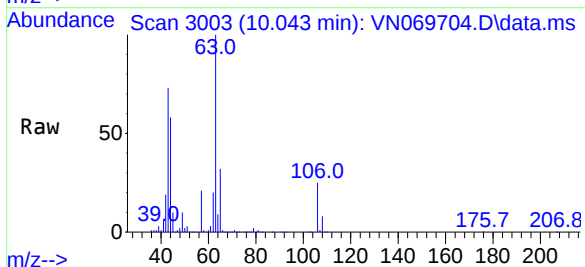
Acq: 2 Dec 2021 19:20

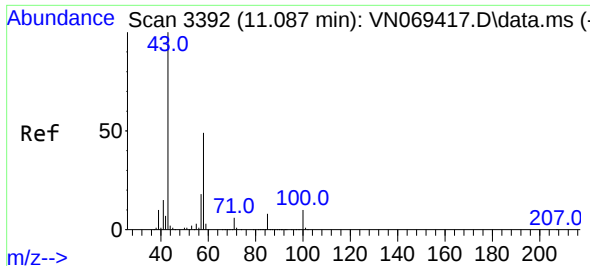
Tgt Ion: 63 Resp: 3655711

Ion Ratio Lower Upper

63 100

106 25.5 23.9 35.9

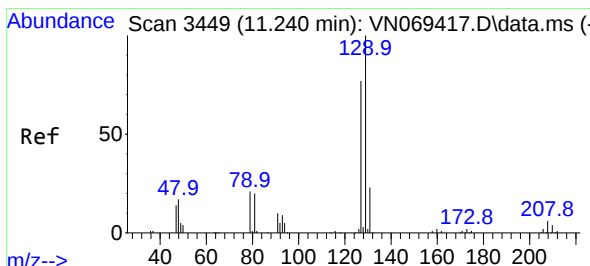
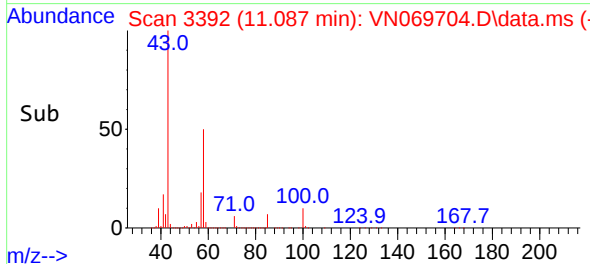
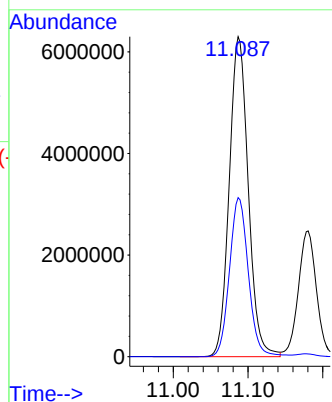
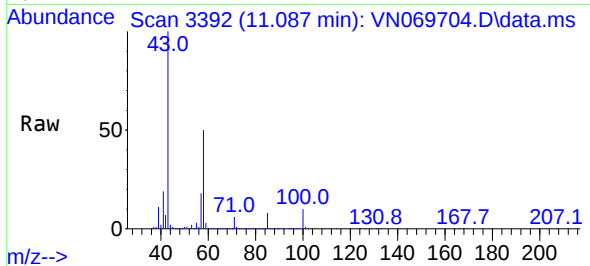




#59  
2-Hexanone  
Concen: 596.112 ug/l  
RT: 11.087 min Scan# 3392  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

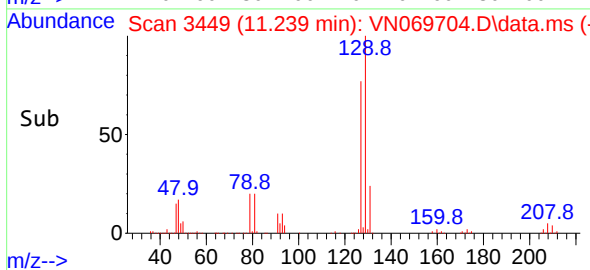
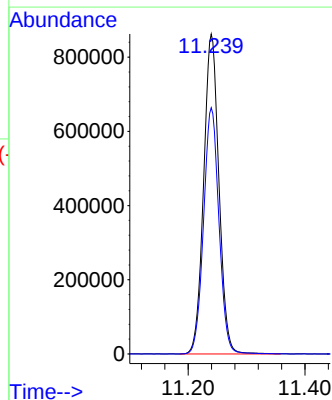
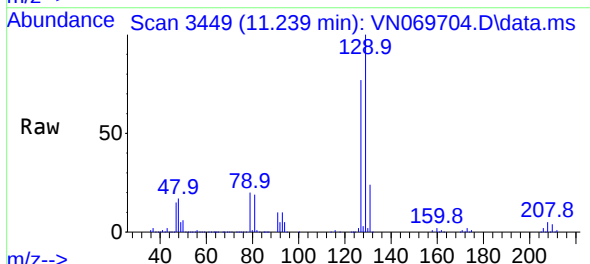
Instrument :  
MSVOA\_N  
ClientSampleId :

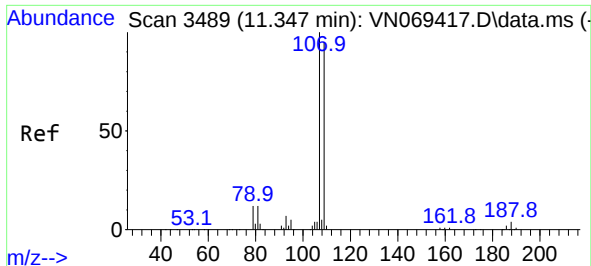
Tgt Ion: 43 Resp:11113902  
Ion Ratio Lower Upper  
43 100  
58 49.6 26.9 80.7



#60  
Dibromochloromethane  
Concen: 122.416 ug/l  
RT: 11.239 min Scan# 3449  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

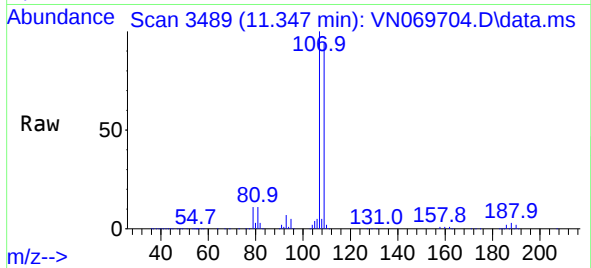
Tgt Ion:129 Resp: 1566965  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.6 116.0



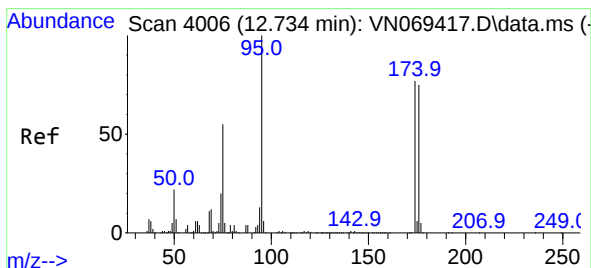
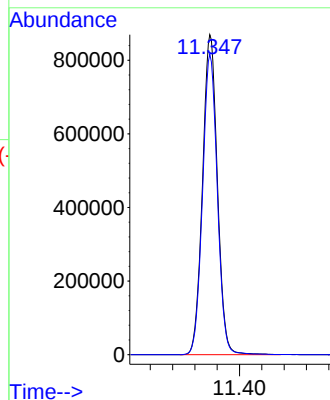
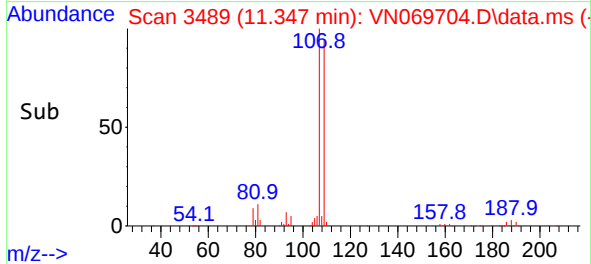


#61  
1,2-Dibromoethane  
Concen: 116.353 ug/l  
RT: 11.347 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

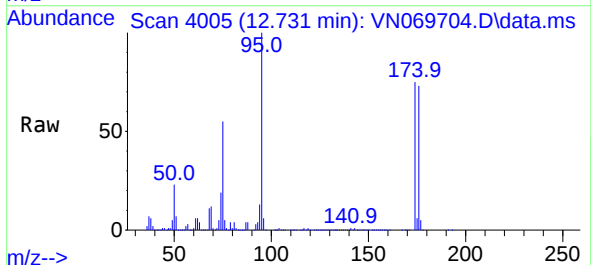
Instrument :  
MSVOA\_N  
ClientSampleId :



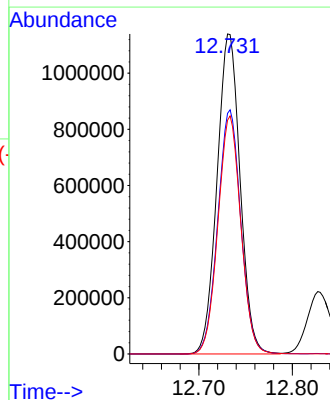
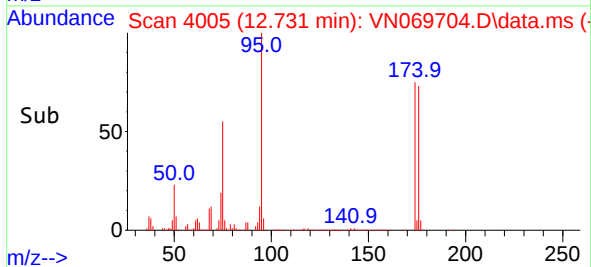
Tgt Ion:107 Resp: 1610121  
Ion Ratio Lower Upper  
107 100  
109 93.5 75.7 113.5

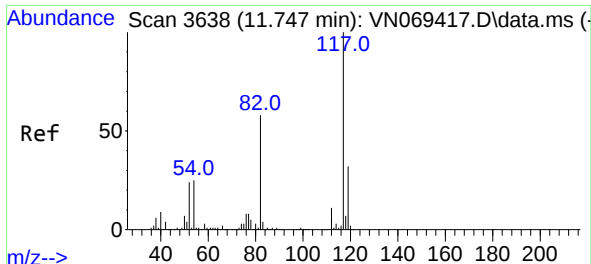


#62  
4-Bromofluorobenzene  
Concen: 107.927 ug/l  
RT: 12.731 min Scan# 4005  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20



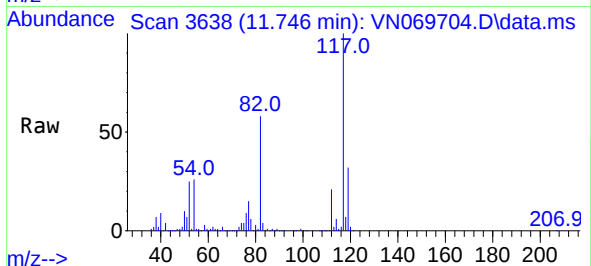
Tgt Ion: 95 Resp: 1955174  
Ion Ratio Lower Upper  
95 100  
174 76.2 0.0 187.2  
176 73.8 0.0 181.4





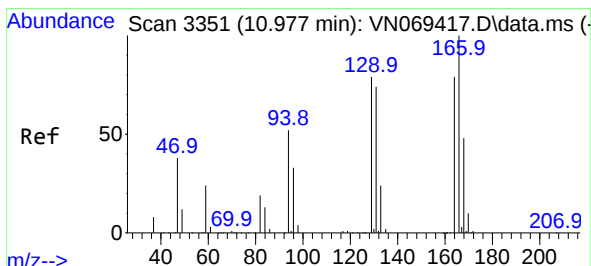
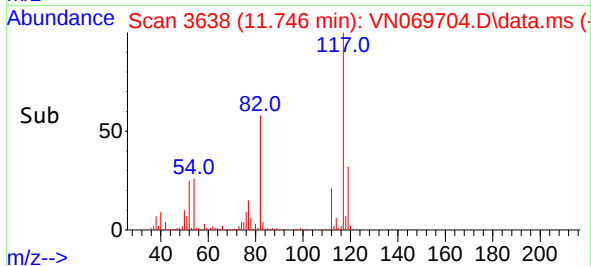
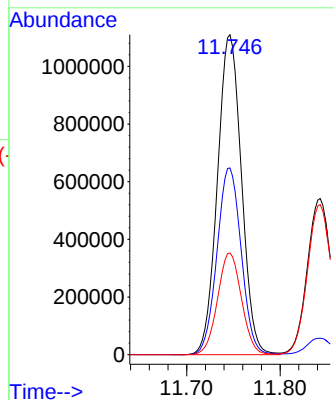
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.746 min Scan# 3638  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion:117 Resp: 1988101

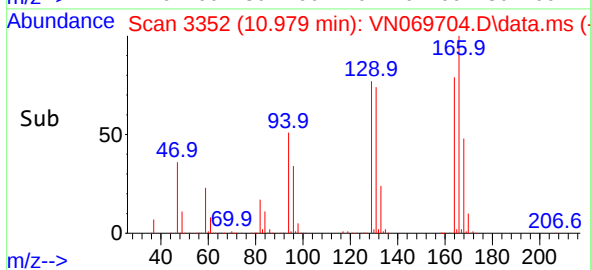
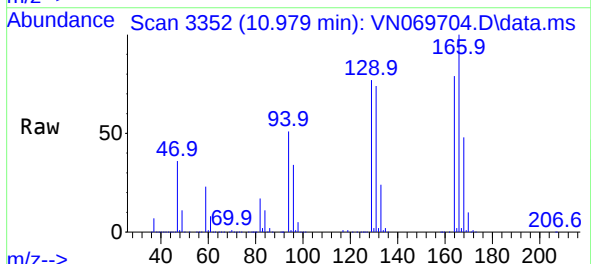
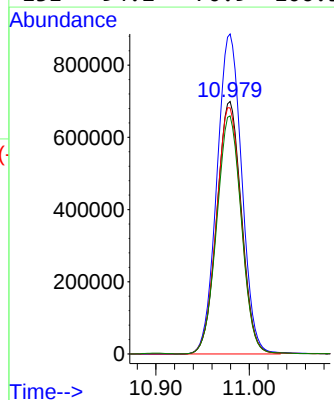
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 58.3  | 42.4  | 63.6  |
| 119 | 31.8  | 25.4  | 38.2  |



#64  
Tetrachloroethene  
Concen: 103.758 ug/l  
RT: 10.979 min Scan# 3352  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Tgt Ion:164 Resp: 1286176

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 126.7 | 101.9 | 152.9 |
| 129 | 97.5  | 72.0  | 108.0 |
| 131 | 94.2  | 70.9  | 106.3 |

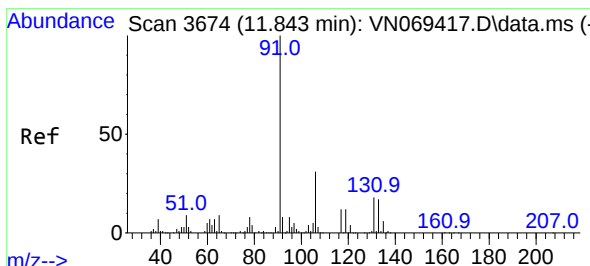
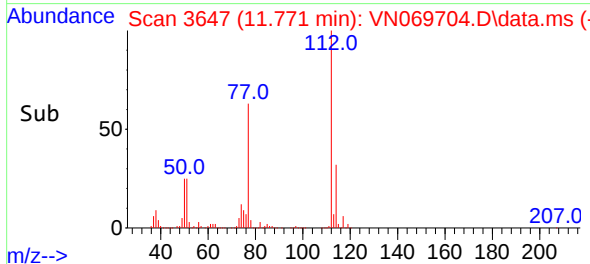
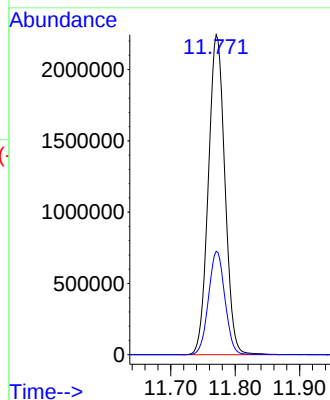
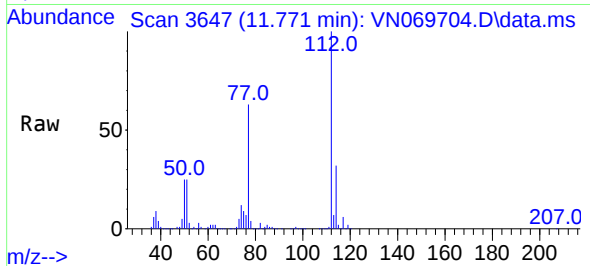




#65  
Chlorobenzene  
Concen: 105.358 ug/l  
RT: 11.771 min Scan# 3647  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

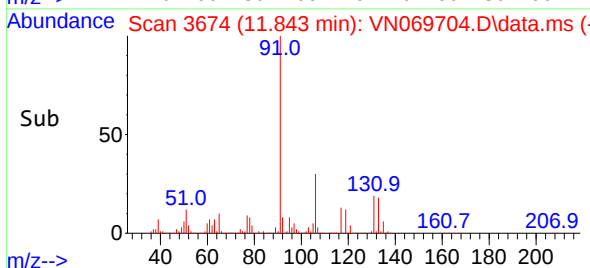
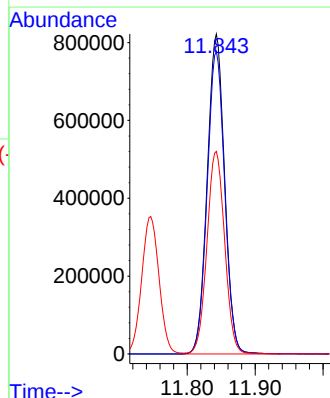
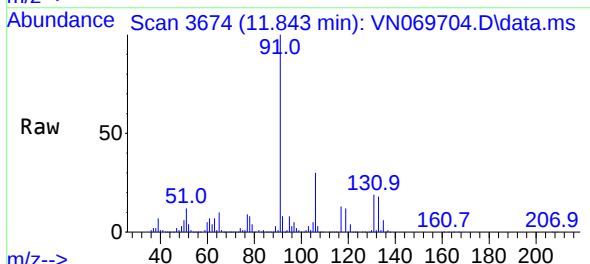
Instrument :  
MSVOA\_N  
ClientSampleId :

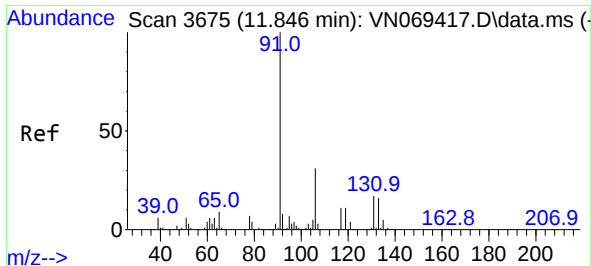
Tgt Ion:112 Resp: 4000099  
Ion Ratio Lower Upper  
112 100  
114 32.3 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 110.907 ug/l  
RT: 11.843 min Scan# 3674  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

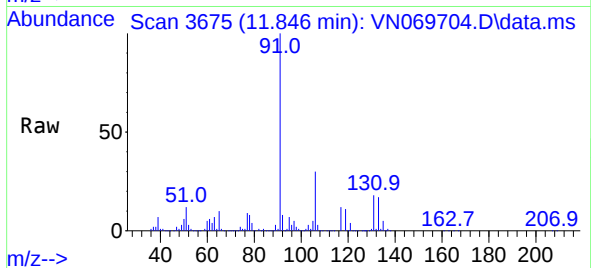
Tgt Ion:131 Resp: 1464165  
Ion Ratio Lower Upper  
131 100  
133 95.1 47.9 143.7  
119 64.1 32.1 96.5



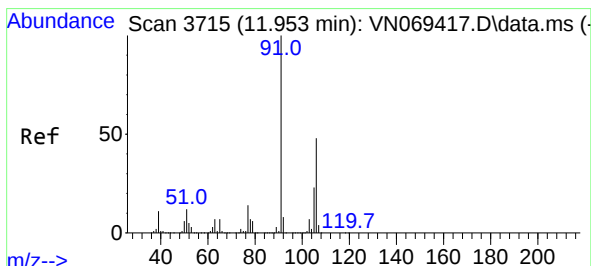
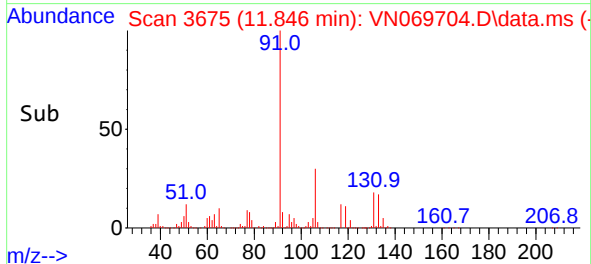
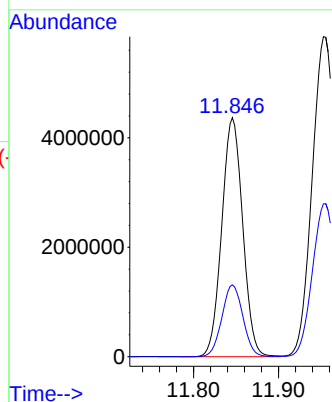


#67  
Ethyl Benzene  
Concen: 106.552 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Instrument :  
MSVOA\_N  
ClientSampleId :

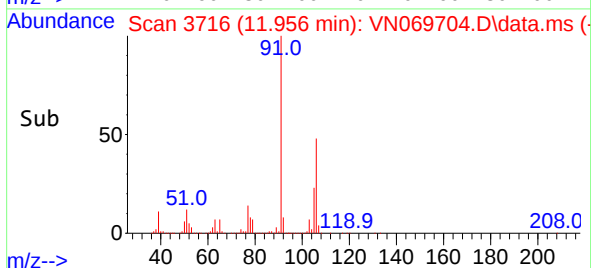
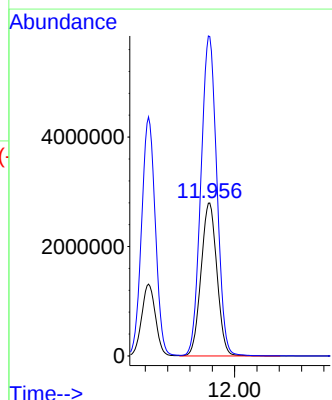
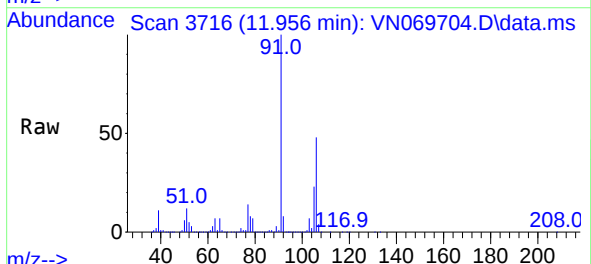


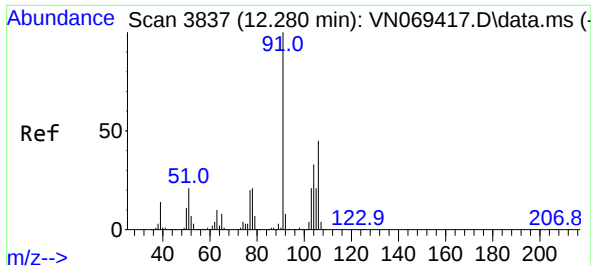
Tgt Ion: 91 Resp: 7469050  
Ion Ratio Lower Upper  
91 100  
106 30.1 25.7 38.5



#68  
m/p-Xylenes  
Concen: 214.615 ug/l  
RT: 11.956 min Scan# 3716  
Delta R.T. 0.003 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Tgt Ion:106 Resp: 5511584  
Ion Ratio Lower Upper  
106 100  
91 210.0 160.6 240.8

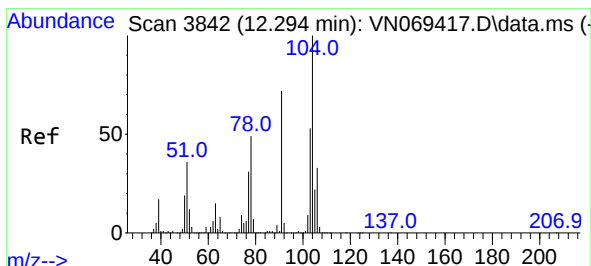
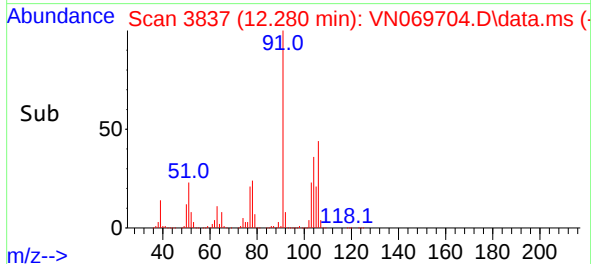
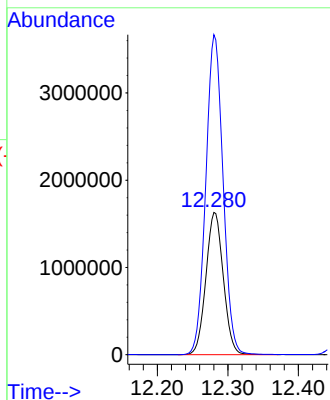
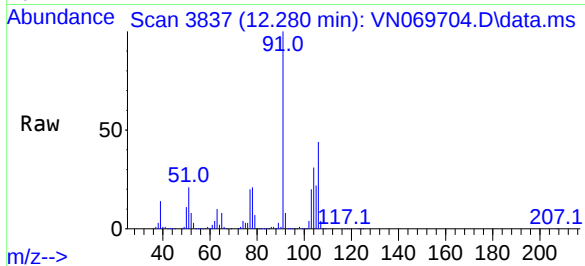




#69  
o-Xylene  
Concen: 108.837 ug/l  
RT: 12.280 min Scan# 3837  
Delta R.T. -0.003 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

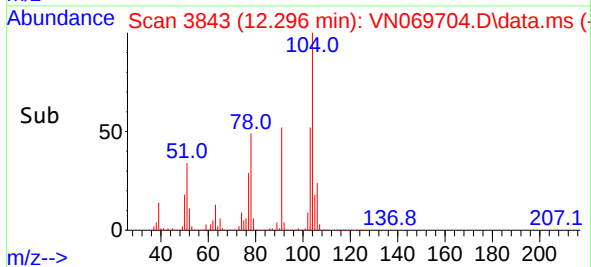
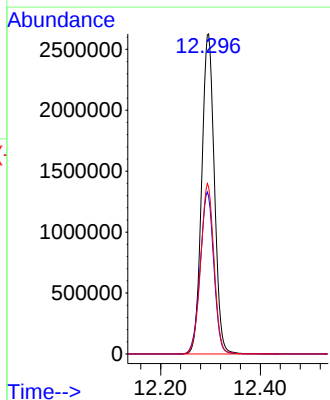
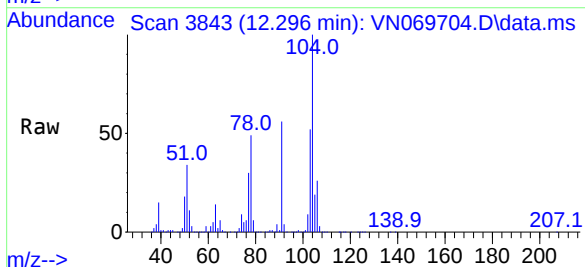
Instrument :  
MSVOA\_N  
ClientSampleId :

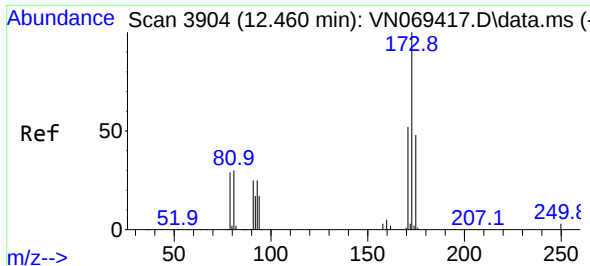
Tgt Ion:106 Resp: 2788906  
Ion Ratio Lower Upper  
106 100  
91 223.4 105.8 317.3



#70  
Styrene  
Concen: 112.765 ug/l  
RT: 12.296 min Scan# 3843  
Delta R.T. 0.003 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Tgt Ion:104 Resp: 4643957  
Ion Ratio Lower Upper  
104 100  
78 54.3 38.7 58.1  
103 55.9 45.0 67.6

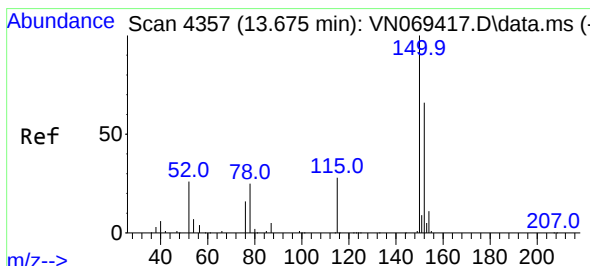
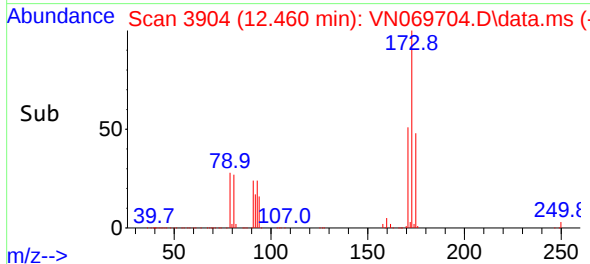
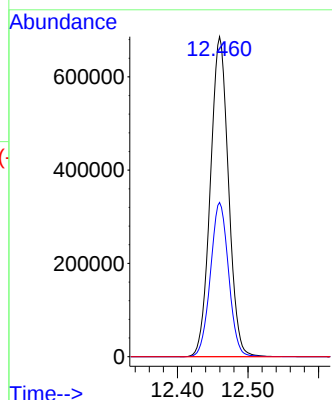
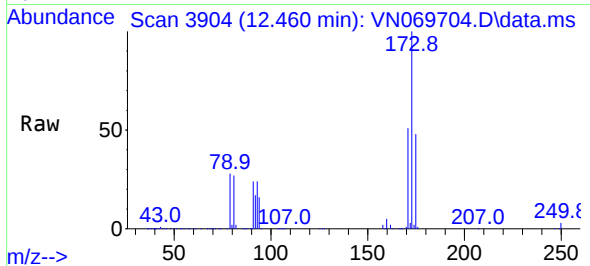




#71  
Bromoform  
Concen: 128.695 ug/l  
RT: 12.460 min Scan# 3904  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

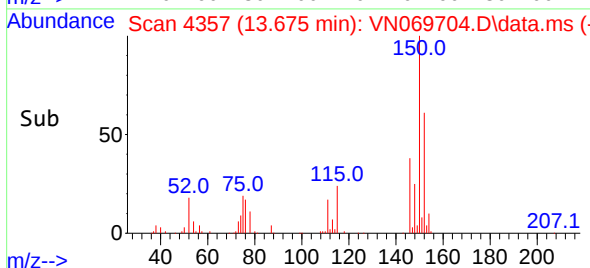
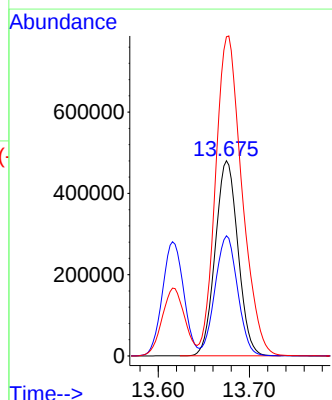
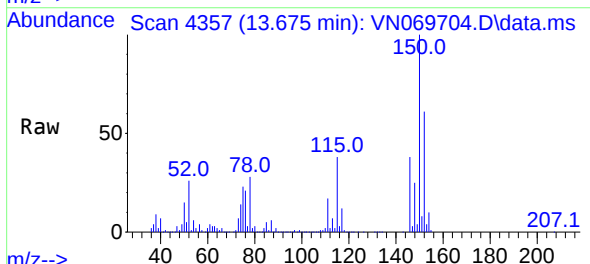
Instrument :  
MSVOA\_N  
ClientSampleId :

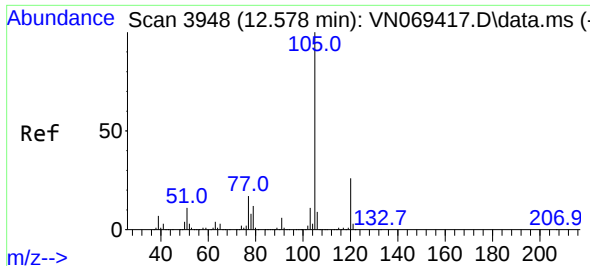
Tgt Ion:173 Resp: 1223274  
Ion Ratio Lower Upper  
173 100  
175 48.3 24.2 72.6  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.675 min Scan# 4357  
Delta R.T. -0.003 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

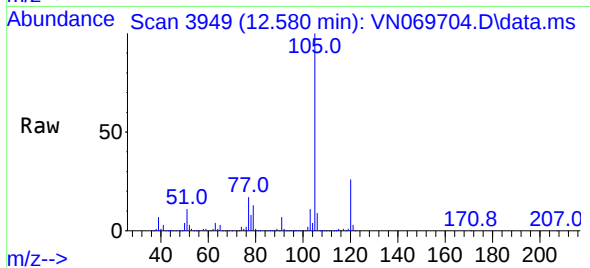
Tgt Ion:152 Resp: 831231  
Ion Ratio Lower Upper  
152 100  
115 61.1 27.5 82.5  
150 190.9 0.0 344.4



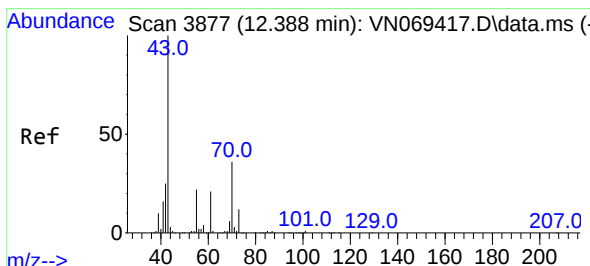
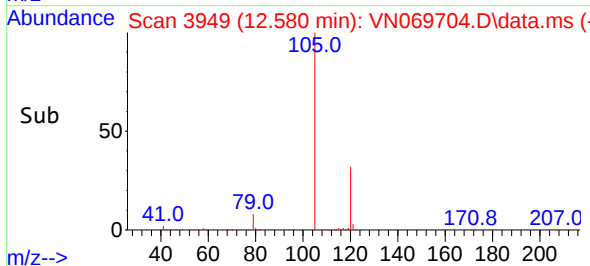
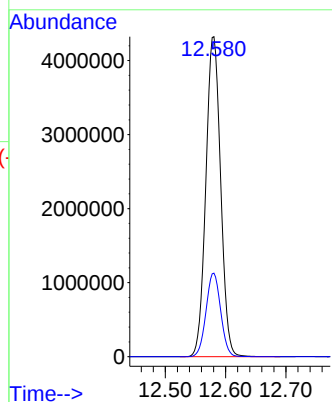


#73  
Isopropylbenzene  
Concen: 107.924 ug/l  
RT: 12.580 min Scan# 3948  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Instrument :  
MSVOA\_N  
ClientSampleId :

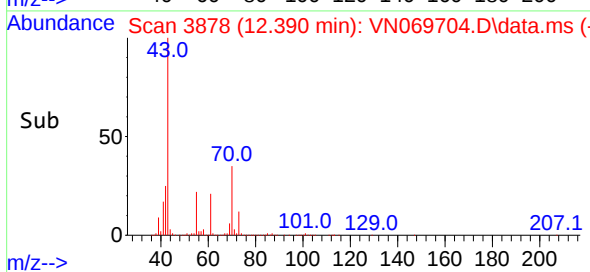
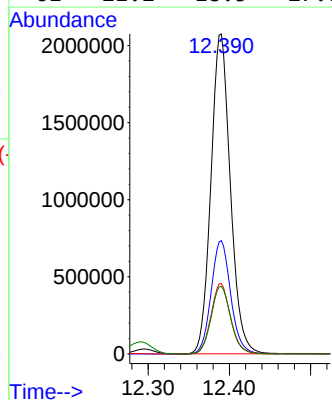
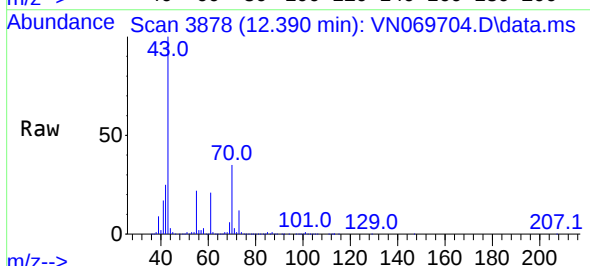


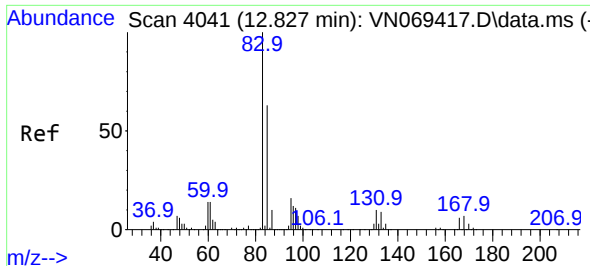
Tgt Ion:105 Resp: 7342158  
Ion Ratio Lower Upper  
105 100  
120 25.9 13.4 40.1



#74  
N-ethyl acetate  
Concen: 118.205 ug/l  
RT: 12.390 min Scan# 3878  
Delta R.T. 0.003 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

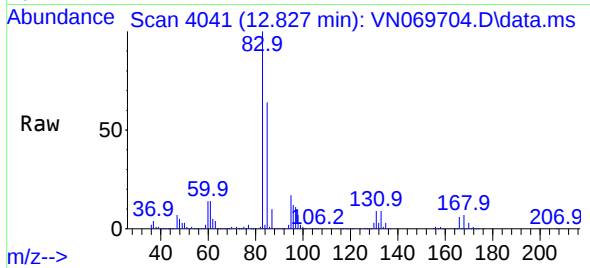
Tgt Ion: 43 Resp: 3440496  
Ion Ratio Lower Upper  
43 100  
70 35.7 33.4 50.0  
55 22.2 19.3 28.9  
61 21.2 18.5 27.7





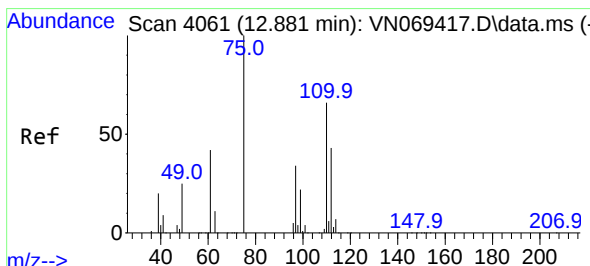
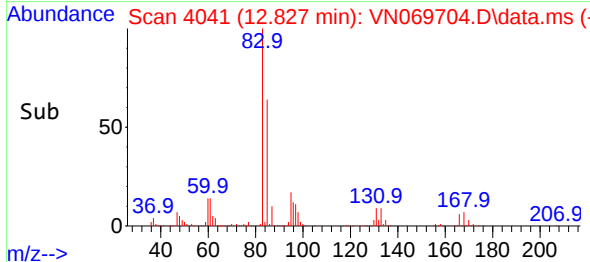
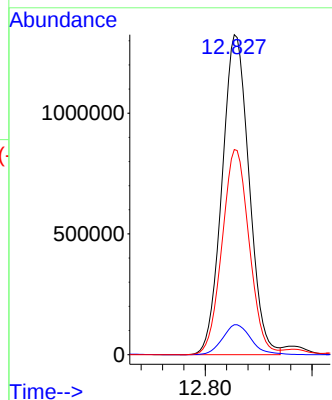
#75  
1,1,2,2-Tetrachloroethane  
Concen: 101.130 ug/l  
RT: 12.827 min Scan# 4041  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 83 Resp: 2331586

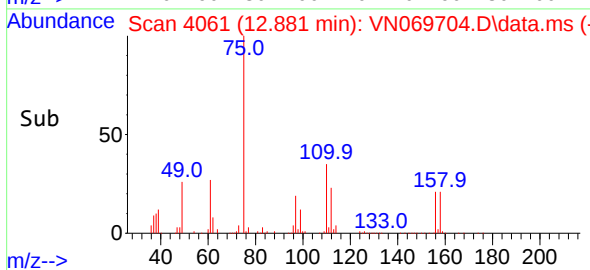
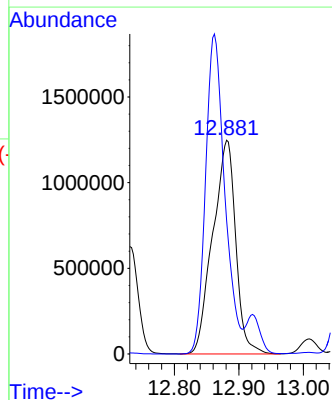
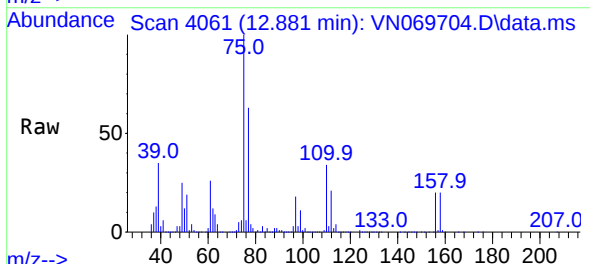
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 9.9   | 5.5   | 16.5  |
| 85  | 64.3  | 32.4  | 97.2  |



#76  
1,2,3-Trichloropropane  
Concen: 143.537 ug/l  
RT: 12.881 min Scan# 4061  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Tgt Ion: 75 Resp: 3087240

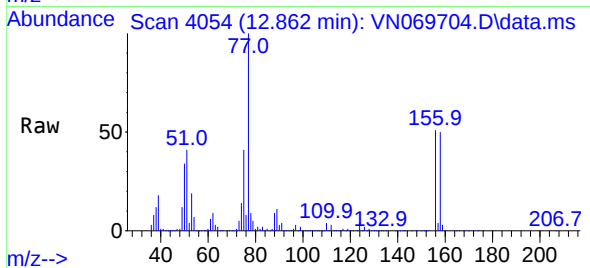
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 125.1 | 82.6  | 247.8 |



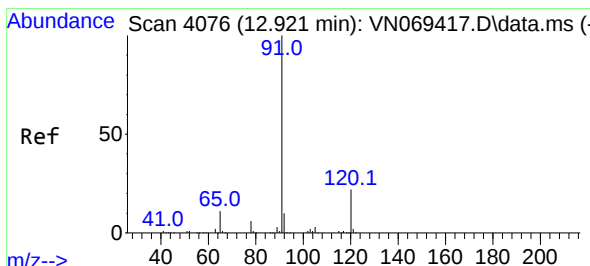
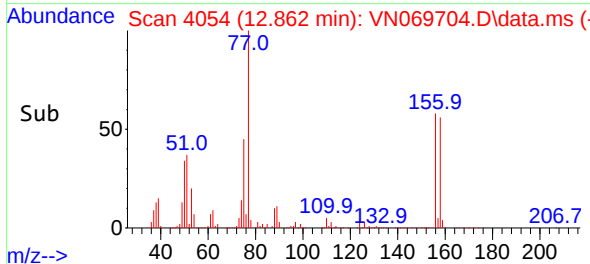
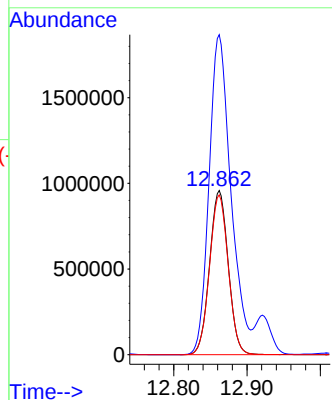


#77  
Bromobenzene  
Concen: 108.788 ug/l  
RT: 12.862 min Scan# 4054  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Instrument :  
MSVOA\_N  
ClientSampleId :

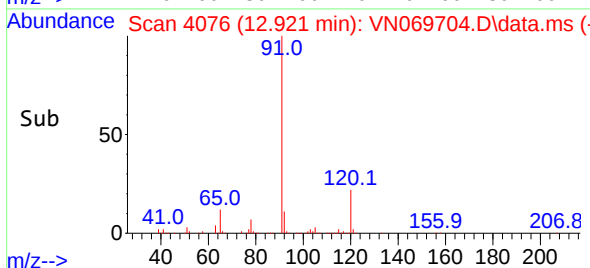
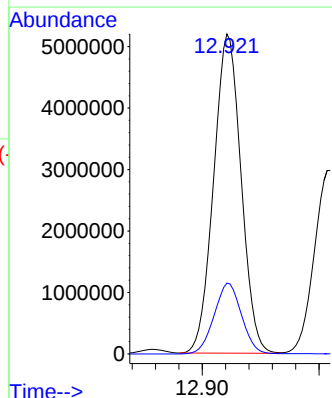
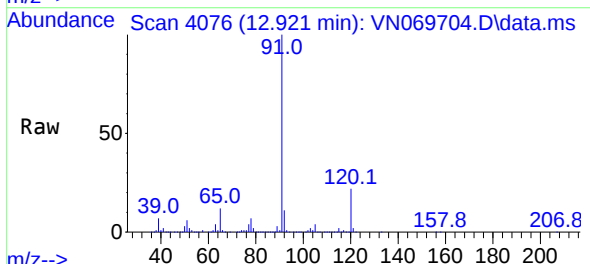


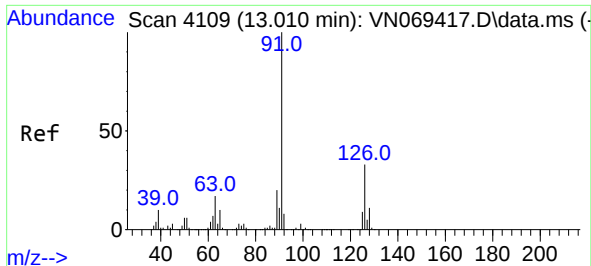
Tgt Ion:156 Resp: 1699910  
Ion Ratio Lower Upper  
156 100  
77 227.1 90.6 271.8  
158 97.7 48.9 146.7



#78  
n-propylbenzene  
Concen: 110.356 ug/l  
RT: 12.921 min Scan# 4076  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Tgt Ion: 91 Resp: 8450055  
Ion Ratio Lower Upper  
91 100  
120 22.2 11.9 35.9

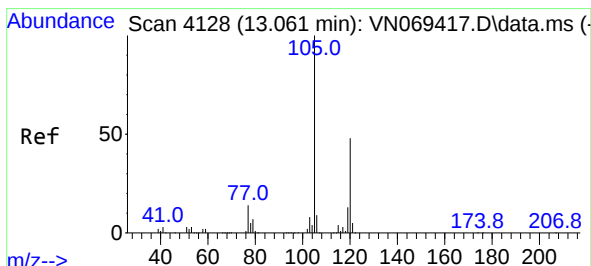
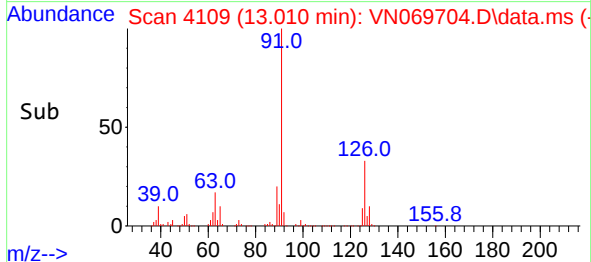
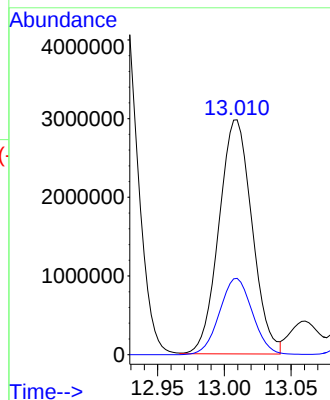
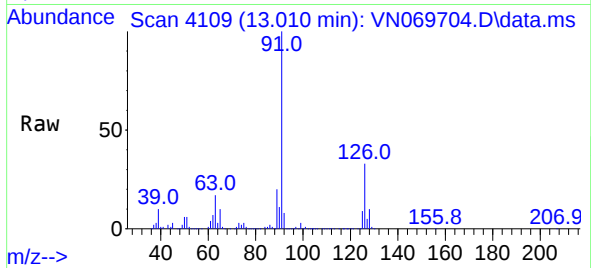




#79  
2-Chlorotoluene  
Concen: 108.237 ug/l  
RT: 13.010 min Scan# 4109  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

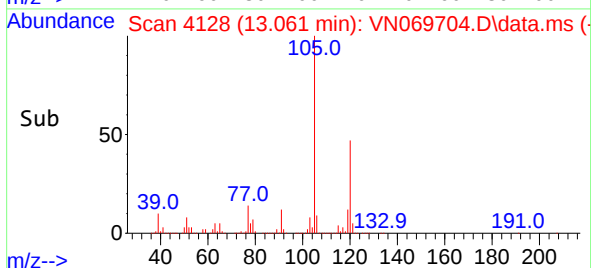
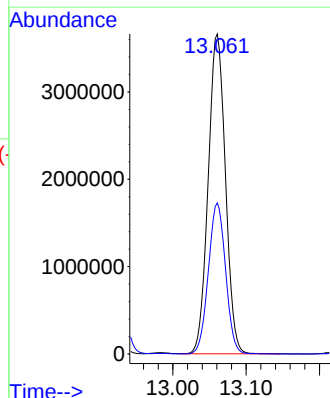
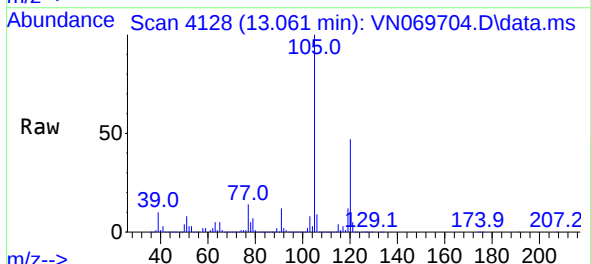
Instrument :  
MSVOA\_N  
ClientSampleId :

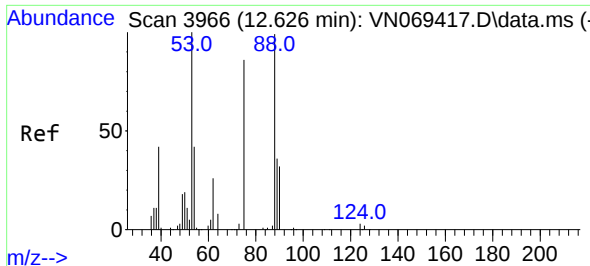
Tgt Ion: 91 Resp: 5144178  
Ion Ratio Lower Upper  
91 100  
126 32.4 18.3 54.8



#80  
1,3,5-Trimethylbenzene  
Concen: 108.754 ug/l  
RT: 13.061 min Scan# 4128  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Tgt Ion:105 Resp: 5987205  
Ion Ratio Lower Upper  
105 100  
120 47.1 24.6 73.6

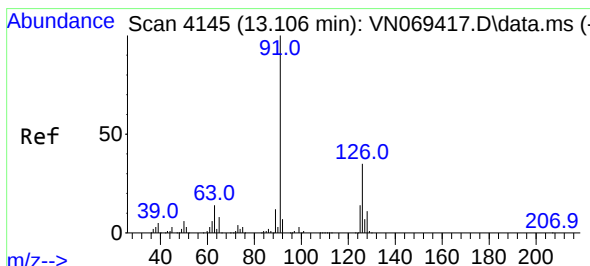
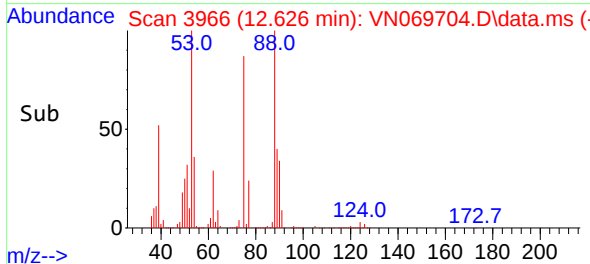
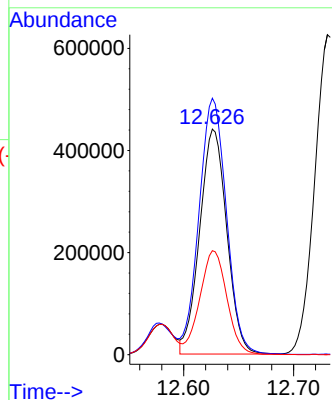
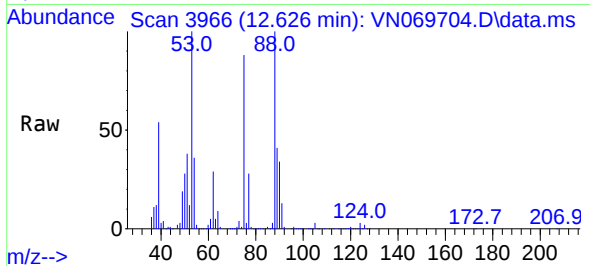




#81  
trans-1,4-Dichloro-2-butene  
Concen: 124.702 ug/l  
RT: 12.626 min Scan# 3966  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

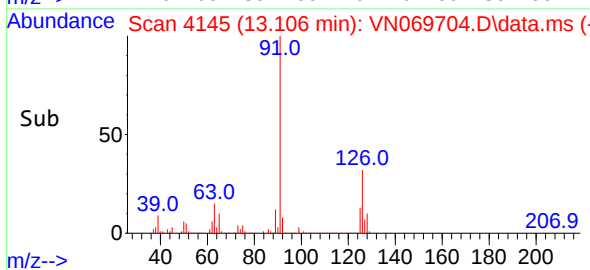
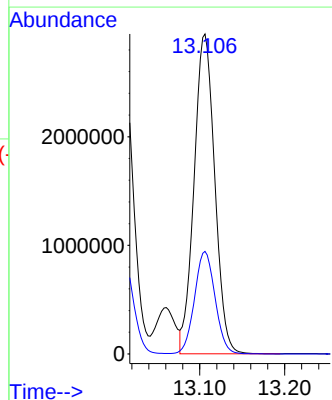
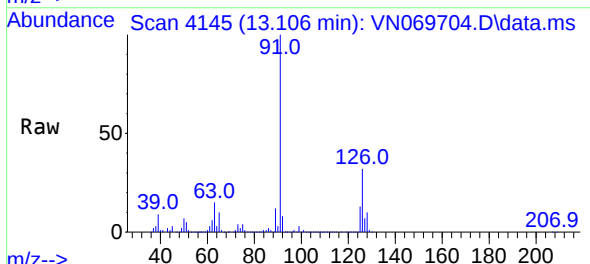
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 75 Resp: 753765  
Ion Ratio Lower Upper  
75 100  
53 116.3 90.5 135.7  
89 46.3 38.2 57.4



#82  
4-Chlorotoluene  
Concen: 109.624 ug/l  
RT: 13.106 min Scan# 4145  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

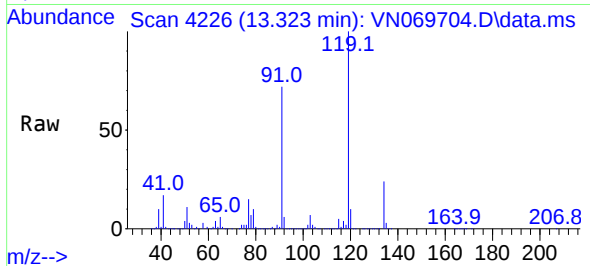
Tgt Ion: 91 Resp: 4961006  
Ion Ratio Lower Upper  
91 100  
126 32.0 18.2 54.6



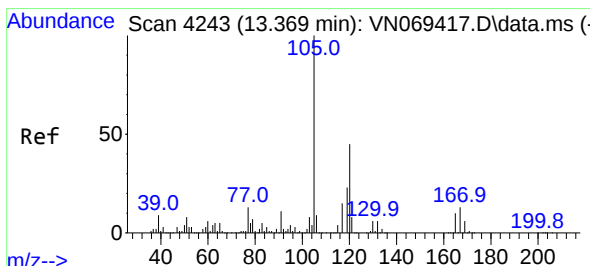
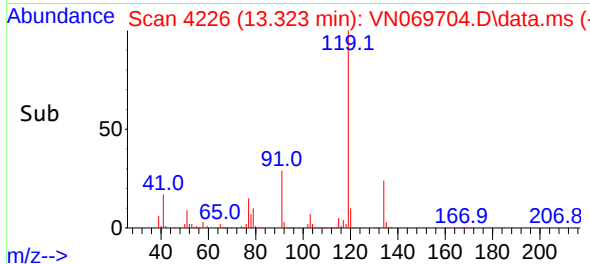
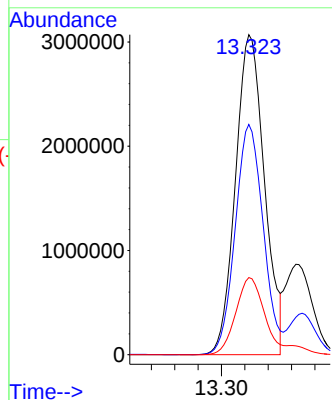


#83  
tert-Butylbenzene  
Concen: 109.806 ug/l  
RT: 13.323 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Instrument :  
MSVOA\_N  
ClientSampleId :

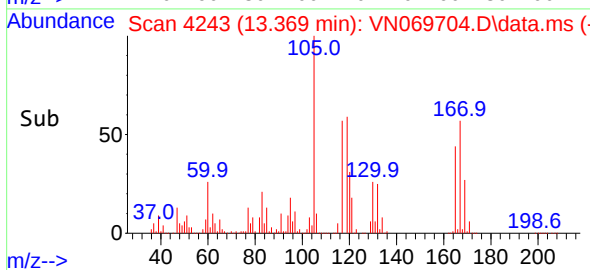
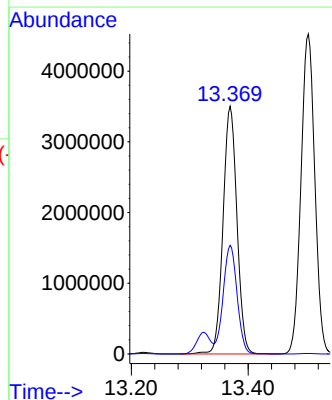
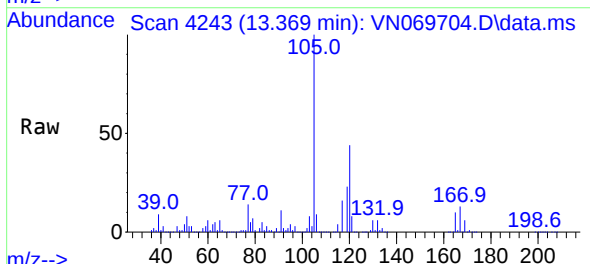


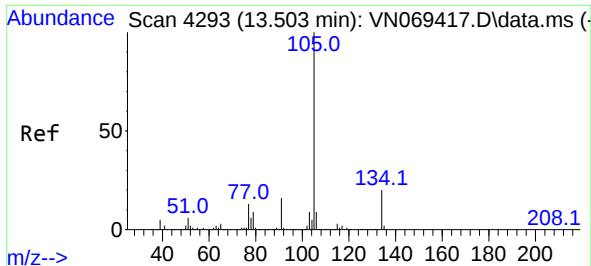
Tgt Ion:119 Resp: 5294246  
Ion Ratio Lower Upper  
119 100  
91 69.9 31.5 94.5  
134 23.9 12.4 37.4



#84  
1,2,4-Trimethylbenzene  
Concen: 109.116 ug/l  
RT: 13.369 min Scan# 4243  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Tgt Ion:105 Resp: 5793121  
Ion Ratio Lower Upper  
105 100  
120 43.7 22.8 68.4

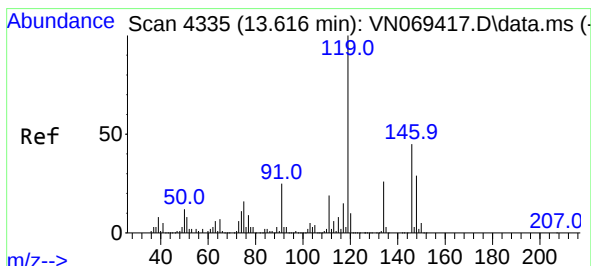
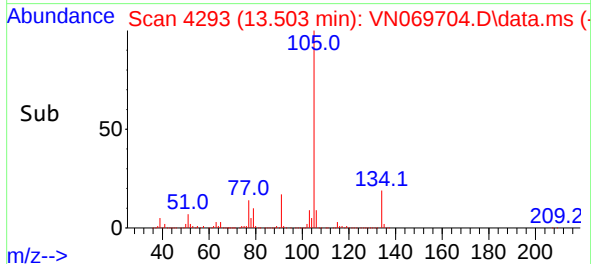
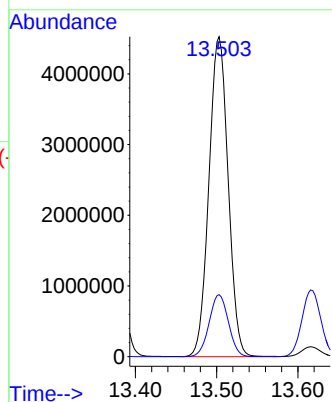
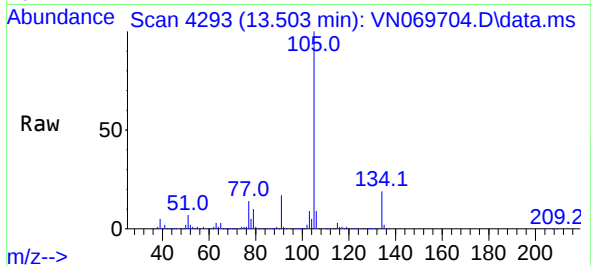




#85  
 sec-Butylbenzene  
 Concen: 110.541 ug/l  
 RT: 13.503 min Scan# 4293  
 Delta R.T. -0.000 min  
 Lab File: VN069704.D  
 Acq: 2 Dec 2021 19:20

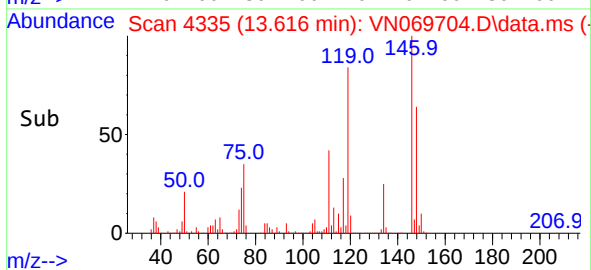
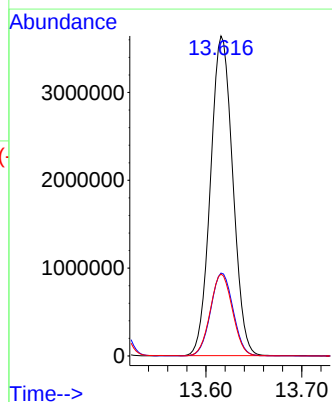
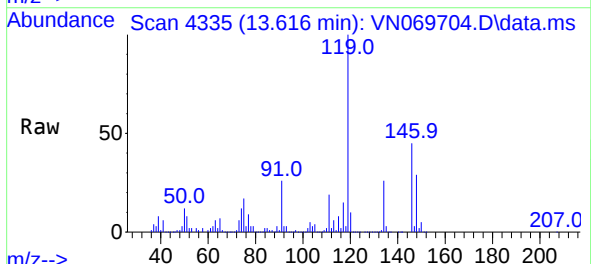
Instrument :  
 MSVOA\_N  
 ClientSampleId :

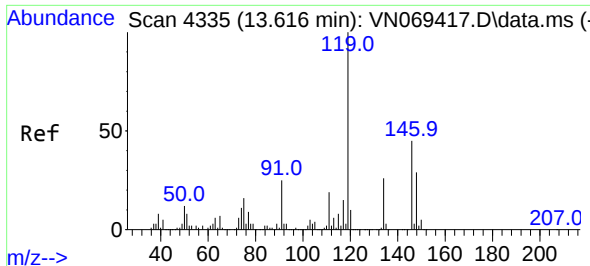
Tgt Ion:105 Resp: 7420464  
 Ion Ratio Lower Upper  
 105 100  
 134 19.5 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 110.602 ug/l  
 RT: 13.616 min Scan# 4335  
 Delta R.T. -0.000 min  
 Lab File: VN069704.D  
 Acq: 2 Dec 2021 19:20

Tgt Ion:119 Resp: 5877873  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 13.6 40.7  
 91 25.6 11.4 34.1

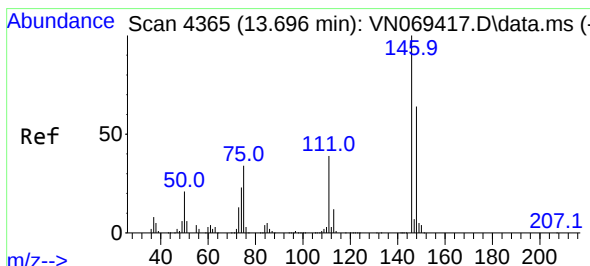
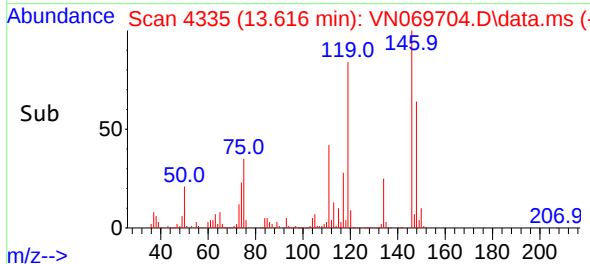
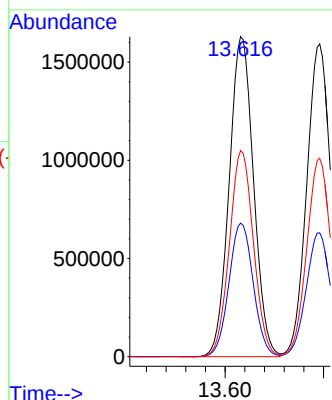
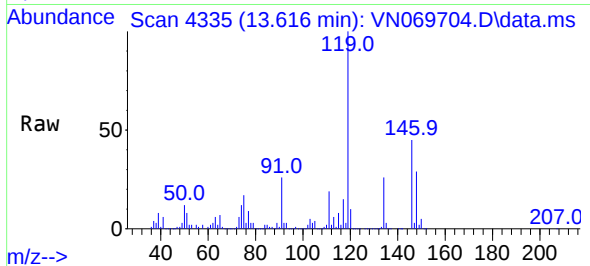




#87  
1,3-Dichlorobenzene  
Concen: 104.609 ug/l  
RT: 13.616 min Scan# 4335  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

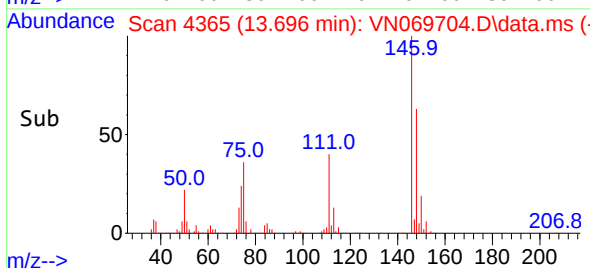
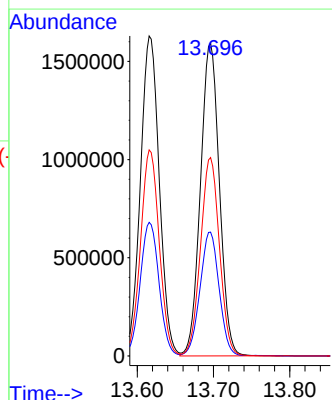
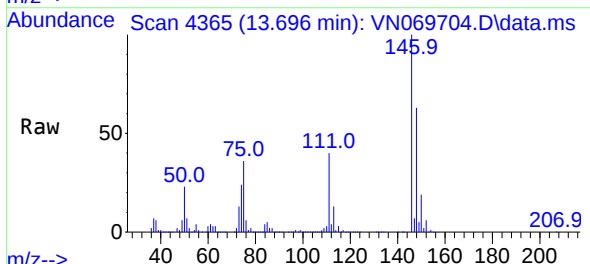
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:146 Resp: 2807077  
Ion Ratio Lower Upper  
146 100  
111 41.7 18.6 55.6  
148 63.8 31.6 95.0



#88  
1,4-Dichlorobenzene  
Concen: 104.455 ug/l  
RT: 13.696 min Scan# 4365  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

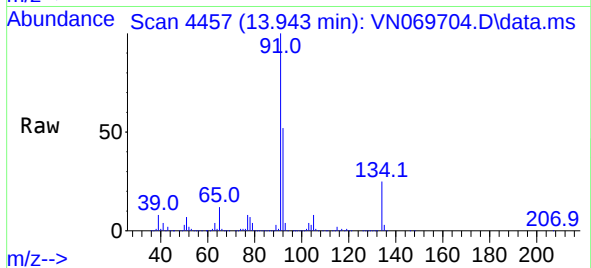
Tgt Ion:146 Resp: 2744034  
Ion Ratio Lower Upper  
146 100  
111 39.6 18.3 54.8  
148 63.6 31.8 95.4



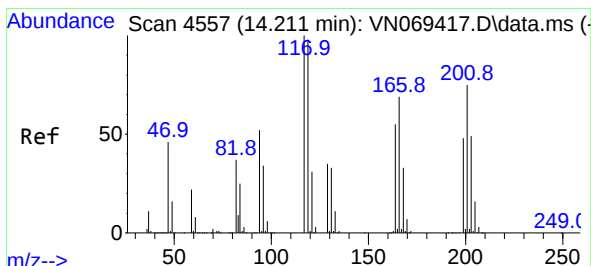
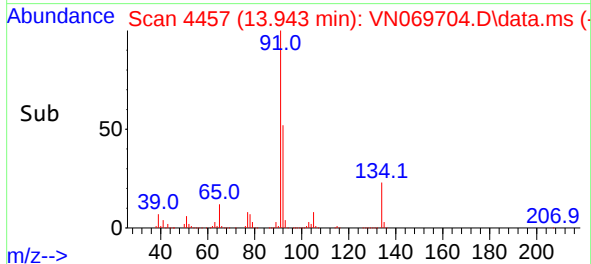
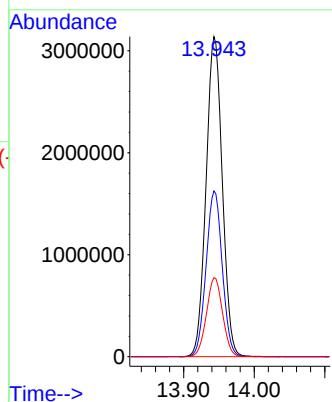


#89  
n-Butylbenzene  
Concen: 113.451 ug/l  
RT: 13.943 min Scan# 4457  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Instrument :  
MSVOA\_N  
ClientSampleId :

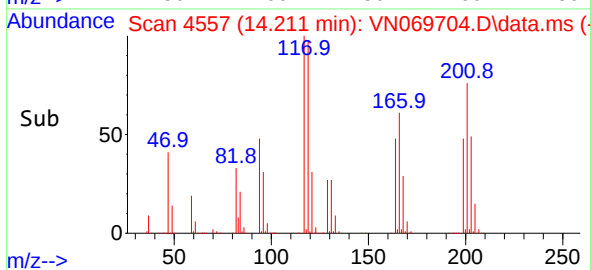
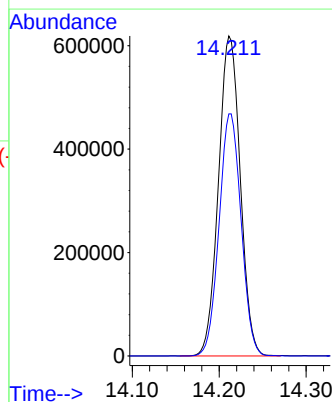
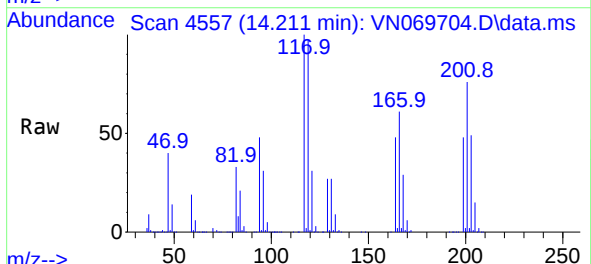


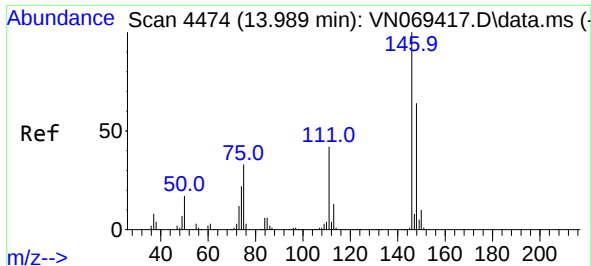
Tgt Ion: 91 Resp: 5003293  
Ion Ratio Lower Upper  
91 100  
92 51.7 25.4 76.0  
134 24.6 13.6 40.8



#90  
Hexachloroethane  
Concen: 122.154 ug/l  
RT: 14.211 min Scan# 4557  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

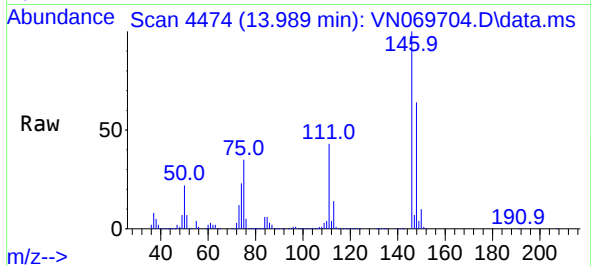
Tgt Ion: 117 Resp: 1077869  
Ion Ratio Lower Upper  
117 100  
201 76.4 43.9 131.6



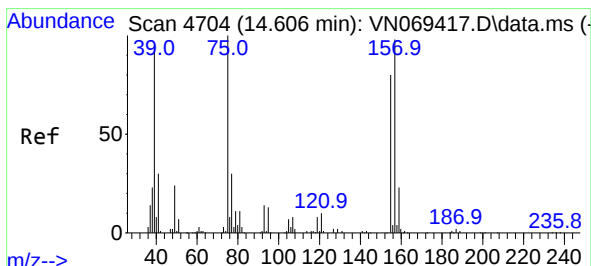
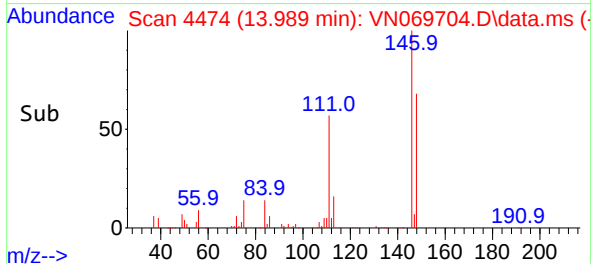
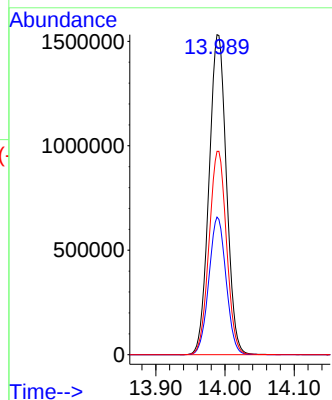


#91  
1,2-Dichlorobenzene  
Concen: 104.582 ug/l  
RT: 13.989 min Scan# 4474  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Instrument :  
MSVOA\_N  
ClientSampleId :

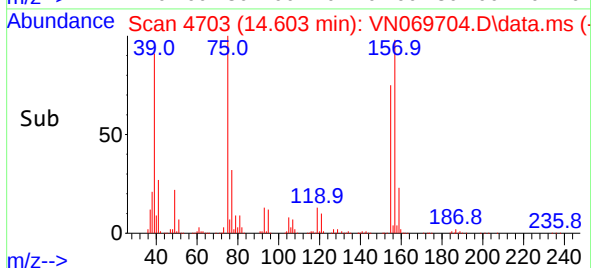
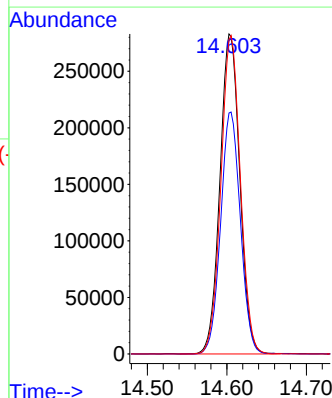
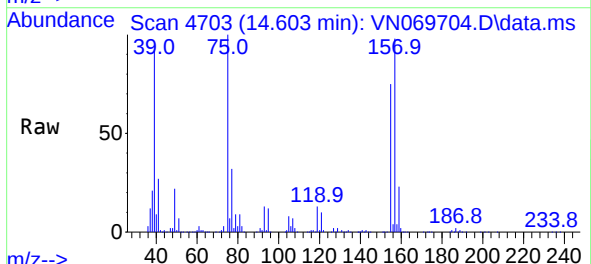


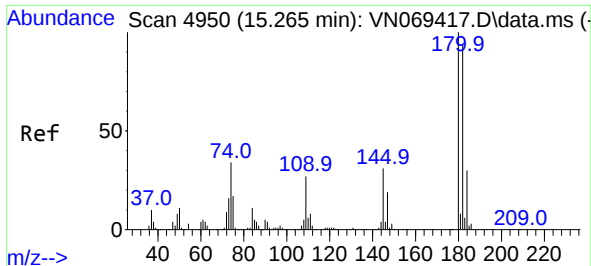
Tgt Ion:146 Resp: 2675642  
Ion Ratio Lower Upper  
146 100  
111 42.5 19.1 57.3  
148 63.8 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 129.796 ug/l  
RT: 14.603 min Scan# 4703  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Tgt Ion: 75 Resp: 491282  
Ion Ratio Lower Upper  
75 100  
155 75.2 46.9 140.7  
157 97.6 60.6 181.7

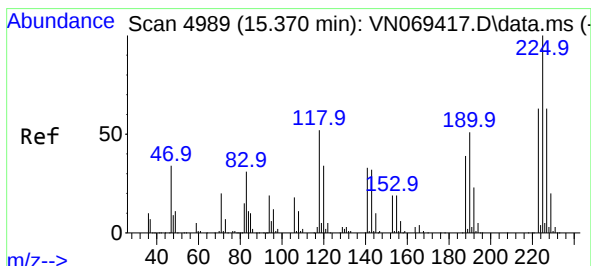
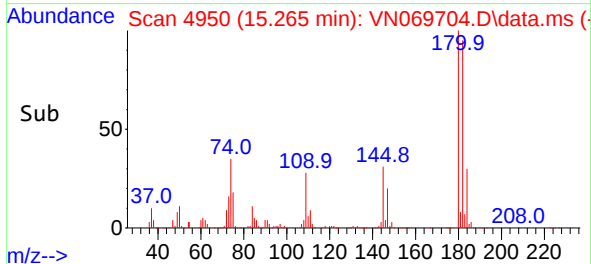
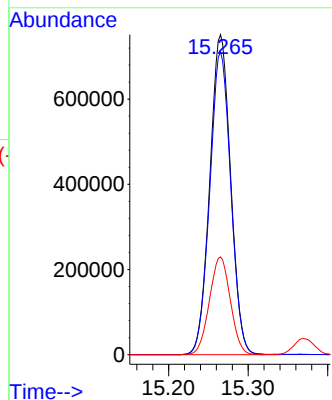
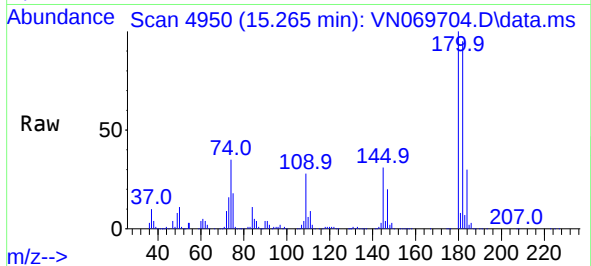




#93  
1,2,4-Trichlorobenzene  
Concen: 122.225 ug/l  
RT: 15.265 min Scan# 4950  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

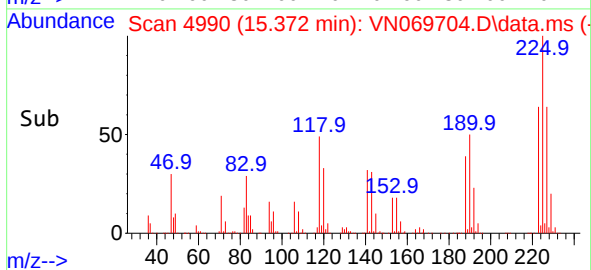
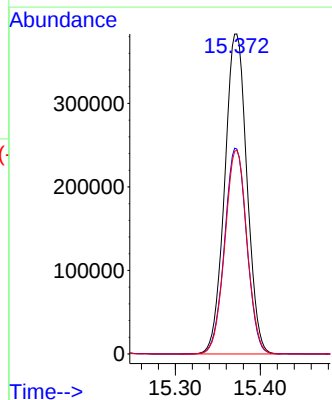
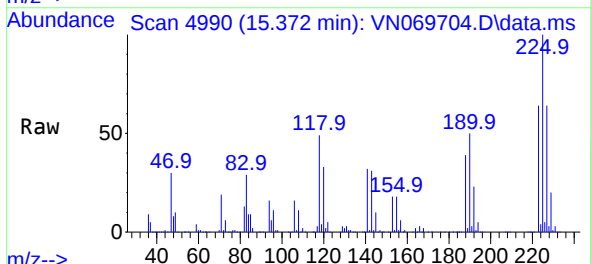
Instrument :  
MSVOA\_N  
ClientSampleId :

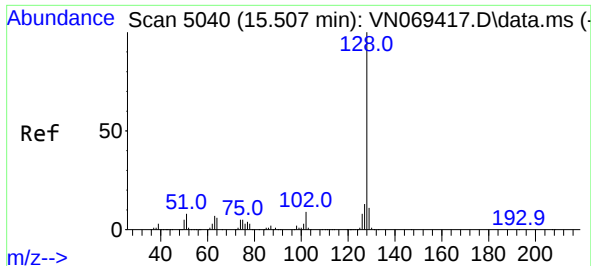
Tgt Ion:180 Resp: 1370161  
Ion Ratio Lower Upper  
180 100  
182 94.9 48.3 144.9  
145 30.7 14.5 43.5



#94  
Hexachlorobutadiene  
Concen: 104.729 ug/l  
RT: 15.372 min Scan# 4990  
Delta R.T. 0.003 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

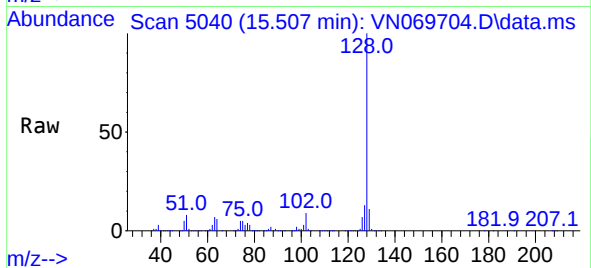
Tgt Ion:225 Resp: 698272  
Ion Ratio Lower Upper  
225 100  
223 64.0 31.9 95.7  
227 63.5 32.1 96.3



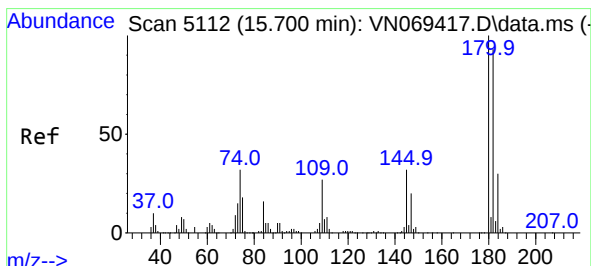
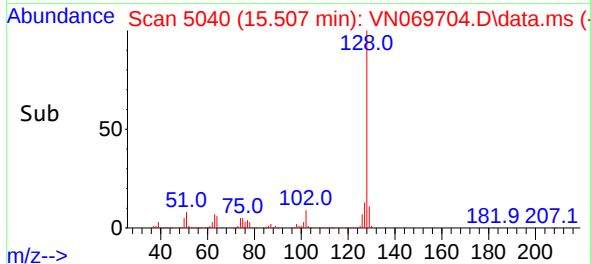
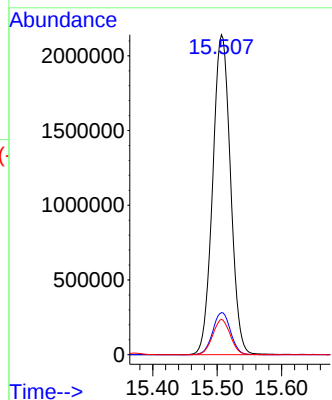


#95  
Naphthalene  
Concen: 134.554 ug/l  
RT: 15.507 min Scan# 5040  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion:128 Resp: 4115480  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.5 15.7  
129 10.9 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 122.888 ug/l  
RT: 15.702 min Scan# 5113  
Delta R.T. -0.000 min  
Lab File: VN069704.D  
Acq: 2 Dec 2021 19:20

Tgt Ion:180 Resp: 1329566  
Ion Ratio Lower Upper  
180 100  
182 96.0 47.4 142.2  
145 32.9 15.0 45.1

