

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN070721\  
 Data File : VN067642.D  
 Acq On : 7 Jul 2021 18:45  
 Operator : JC/MD  
 Sample : M2940-07 .75PPB LOD  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jul 08 07:15:45 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070721W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jul 08 07:13:53 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.088  | 168  | 321931   | 50.000 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene    | 8.971  | 114  | 615214   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.749 | 117  | 572603   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.678 | 152  | 216141   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.440  | 65    | 273645   | 56.243   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 112.480% |      |
| 35) Dibromofluoromethane    | 8.024  | 113   | 184650   | 49.677   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 99.360%  |      |
| 50) Toluene-d8              | 10.443 | 98    | 773888   | 49.741   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 99.480%  |      |
| 62) 4-Bromofluorobenzene    | 12.733 | 95    | 245667   | 44.699   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 89.400%  |      |

|                              |       |     |       |        |        |    |
|------------------------------|-------|-----|-------|--------|--------|----|
| Target Compounds             |       |     |       | Qvalue |        |    |
| 2) Dichlorodifluoromethane   | 2.075 | 85  | 1915  | 0.700  | ug/l   | 86 |
| 3) Chloromethane             | 2.303 | 50  | 3554  | 0.820  | ug/l   | 95 |
| 4) Vinyl Chloride            | 2.443 | 62  | 4572  | 0.699  | ug/l # | 82 |
| 5) Bromomethane              | 2.853 | 94  | 5775  | 1.070  | ug/l   | 93 |
| 6) Chloroethane              | 3.019 | 64  | 3968  | 0.819  | ug/l   | 91 |
| 7) Trichlorofluoromethane    | 3.371 | 101 | 8690  | 0.716  | ug/l   | 98 |
| 8) Diethyl Ether             | 3.808 | 74  | 1132  | 0.435  | ug/l   | 99 |
| 9) 1,1,2-Trichlorotrifluo... | 4.199 | 101 | 1466  | 0.491  | ug/l # | 64 |
| 11) Tert butyl alcohol       | 5.388 | 59  | 147   | 0.210  | ug/l # | 71 |
| 12) 1,1-Dichloroethene       | 4.178 | 96  | 2006  | 0.701  | ug/l   | 85 |
| 13) Acrolein                 | 4.036 | 56  | 1931  | 5.143  | ug/l   | 94 |
| 14) Allyl chloride           | 4.832 | 41  | 1232  | 0.234  | ug/l # | 1  |
| 15) Acrylonitrile            | 5.562 | 53  | 2935  | 1.693  | ug/l # | 81 |
| 16) Acetone                  | 4.304 | 43  | 7291  | 4.762  | ug/l   | 91 |
| 17) Carbon Disulfide         | 4.519 | 76  | 6000  | 0.757  | ug/l   | 96 |
| 18) Methyl Acetate           | 4.854 | 43  | 2951  | 0.686  | ug/l # | 79 |
| 19) Methyl tert-butyl Ether  | 5.613 | 73  | 3245  | 0.274  | ug/l   | 95 |
| 20) Methylene Chloride       | 5.087 | 84  | 1750  | 0.432  | ug/l   | 95 |
| 21) trans-1,2-Dichloroethene | 5.591 | 96  | 2398  | 0.709  | ug/l # | 60 |
| 22) Diisopropyl ether        | 6.503 | 45  | 7186  | 0.602  | ug/l # | 98 |
| 23) Vinyl Acetate            | 6.442 | 43  | 25174 | 2.466  | ug/l   | 96 |
| 24) 1,1-Dichloroethane       | 6.377 | 63  | 1855  | 0.279  | ug/l # | 85 |
| 25) 2-Butanone               | 7.348 | 43  | 8417  | 3.311  | ug/l   | 99 |
| 26) 2,2-Dichloropropane      | 7.319 | 77  | 2175  | 0.374  | ug/l   | 85 |
| 27) cis-1,2-Dichloroethene   | 7.321 | 96  | 1398  | 0.330  | ug/l   | 12 |
| 28) Bromochloromethane       | 7.654 | 49  | 1278  | 0.393  | ug/l # | 85 |
| 29) Tetrahydrofuran          | 7.705 | 42  | 5718  | 3.420  | ug/l   | 98 |
| 30) Chloroform               | 7.820 | 83  | 5093  | 0.681  | ug/l   | 97 |
| 31) Cyclohexane              | 8.088 | 56  | 13071 | 1.916  | ug/l # | 43 |
| 32) 1,1,1-Trichloroethane    | 8.013 | 97  | 2309  | 0.356  | ug/l # | 26 |
| 36) 1,1-Dichloropropene      | 8.217 | 75  | 3698  | 0.647  | ug/l # | 77 |
| 37) Ethyl Acetate            | 7.420 | 43  | 2397  | 0.433  | ug/l # | 85 |
| 38) Carbon Tetrachloride     | 8.198 | 117 | 1873  | 0.332  | ug/l   | 87 |
| 39) Methylcyclohexane        | 9.464 | 83  | 4124  | 0.659  | ug/l   | 91 |
| 40) Benzene                  | 8.461 | 78  | 10640 | 0.622  | ug/l   | 92 |
| 41) Methacrylonitrile        | 7.648 | 41  | 1946  | 0.684  | ug/l # | 90 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN070721\  
 Data File : VN067642.D  
 Acq On : 7 Jul 2021 18:45  
 Operator : JC/MD  
 Sample : M2940-07 .75PPB LOD  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jul 08 07:15:45 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070721W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jul 08 07:13:53 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 42) 1,2-Dichloroethane        | 8.531  | 62   | 4448     | 0.700   | ug/l   | 89       |
| 43) Isopropyl Acetate         | 8.566  | 43   | 5816     | 0.597   | ug/l # | 80       |
| 44) Trichloroethene           | 9.215  | 130  | 1465     | 0.337   | ug/l   | 71       |
| 45) 1,2-Dichloropropane       | 9.488  | 63   | 1394     | 0.322   | ug/l # | 85       |
| 46) Dibromomethane            | 9.579  | 93   | 1884     | 0.613   | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.765  | 83   | 3532     | 0.588   | ug/l # | 90       |
| 48) Methyl methacrylate       | 9.563  | 41   | 2924     | 0.679   | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.571  | 88   | 891      | 11.933  | ug/l # | 70       |
| 51) 4-Methyl-2-Pentanone      | 10.336 | 43   | 18819    | 3.145   | ug/l   | 100      |
| 52) Toluene                   | 10.507 | 92   | 6479     | 0.578   | ug/l   | 92       |
| 53) t-1,3-Dichloropropene     | 10.722 | 75   | 3211     | 0.521   | ug/l   | 90       |
| 54) cis-1,3-Dichloropropene   | 10.188 | 75   | 3644     | 0.545   | ug/l   | 90       |
| 55) 1,1,2-Trichloroethane     | 10.896 | 97   | 2712     | 0.632   | ug/l   | 90       |
| 56) Ethyl methacrylate        | 10.765 | 69   | 3388     | 0.512   | ug/l   | 90       |
| 57) 1,3-Dichloropropane       | 11.047 | 76   | 4821     | 0.655   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.043 | 63   | 3534     | 2.576   | ug/l   | 96       |
| 59) 2-Hexanone                | 11.089 | 43   | 13190    | 3.158   | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.242 | 129  | 2147     | 0.492   | ug/l   | 93       |
| 61) 1,2-Dibromoethane         | 11.350 | 107  | 2377     | 0.542   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.982 | 164  | 2710     | 0.670   | ug/l   | 82       |
| 65) Chlorobenzene             | 11.776 | 112  | 7492     | 0.637   | ug/l # | 81       |
| 66) 1,1,1,2-Tetrachloroethane | 11.846 | 131  | 2016     | 0.487   | ug/l # | 63       |
| 67) Ethyl Benzene             | 11.846 | 91   | 13438    | 0.628   | ug/l   | 93       |
| 68) m/p-Xylenes               | 11.956 | 106  | 9700     | 1.198   | ug/l   | 78       |
| 69) o-Xylene                  | 12.283 | 106  | 4368     | 0.549   | ug/l   | 98       |
| 70) Styrene                   | 12.299 | 104  | 6819     | 0.535   | ug/l   | 93       |
| 71) Bromoform                 | 12.460 | 173  | 1333     | 0.477   | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.581 | 105  | 11633    | 0.667   | ug/l   | 98       |
| 74) N-amyl acetate            | 12.390 | 43   | 4264     | 0.674   | ug/l # | 92       |
| 75) 1,1,2,2-Tetrachloroethane | 12.827 | 83   | 3690     | 0.729   | ug/l # | 93       |
| 76) 1,2,3-Trichloropropane    | 12.733 | 75   | 141237   | 31.998  | ug/l # | 100      |
| 77) Bromobenzene              | 12.865 | 156  | 2513     | 0.651   | ug/l   | 87       |
| 78) n-propylbenzene           | 12.924 | 91   | 13837    | 0.702   | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 13.010 | 91   | 8565     | 0.719   | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 13.061 | 105  | 8987     | 0.636   | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.733 | 75   | 141237   | 103.163 | ug/l # | 6        |
| 82) 4-Chlorotoluene           | 13.106 | 91   | 8261     | 0.701   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.326 | 119  | 7357     | 0.611   | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 13.369 | 105  | 8882     | 0.642   | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.503 | 105  | 10320    | 0.619   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.621 | 119  | 8179     | 0.608   | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.619 | 146  | 4993     | 0.697   | ug/l   | 90       |
| 88) 1,4-Dichlorobenzene       | 13.619 | 146  | 4993     | 0.681   | ug/l   | 91       |
| 89) n-Butylbenzene            | 13.943 | 91   | 7694     | 0.667   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.217 | 117  | 1039     | 0.465   | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.989 | 146  | 4351     | 0.630   | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.605 | 75   | 631      | 0.718   | ug/l   | 79       |
| 93) 1,2,4-Trichlorobenzene    | 15.268 | 180  | 2403     | 0.807   | ug/l   | 90       |
| 94) Hexachlorobutadiene       | 15.375 | 225  | 863      | 0.594   | ug/l   | 75       |
| 95) Naphthalene               | 15.509 | 128  | 7122     | 0.849   | ug/l # | 94       |
| 96) 1,2,3-Trichlorobenzene    | 15.702 | 180  | 1876     | 0.653   | ug/l   | 91       |

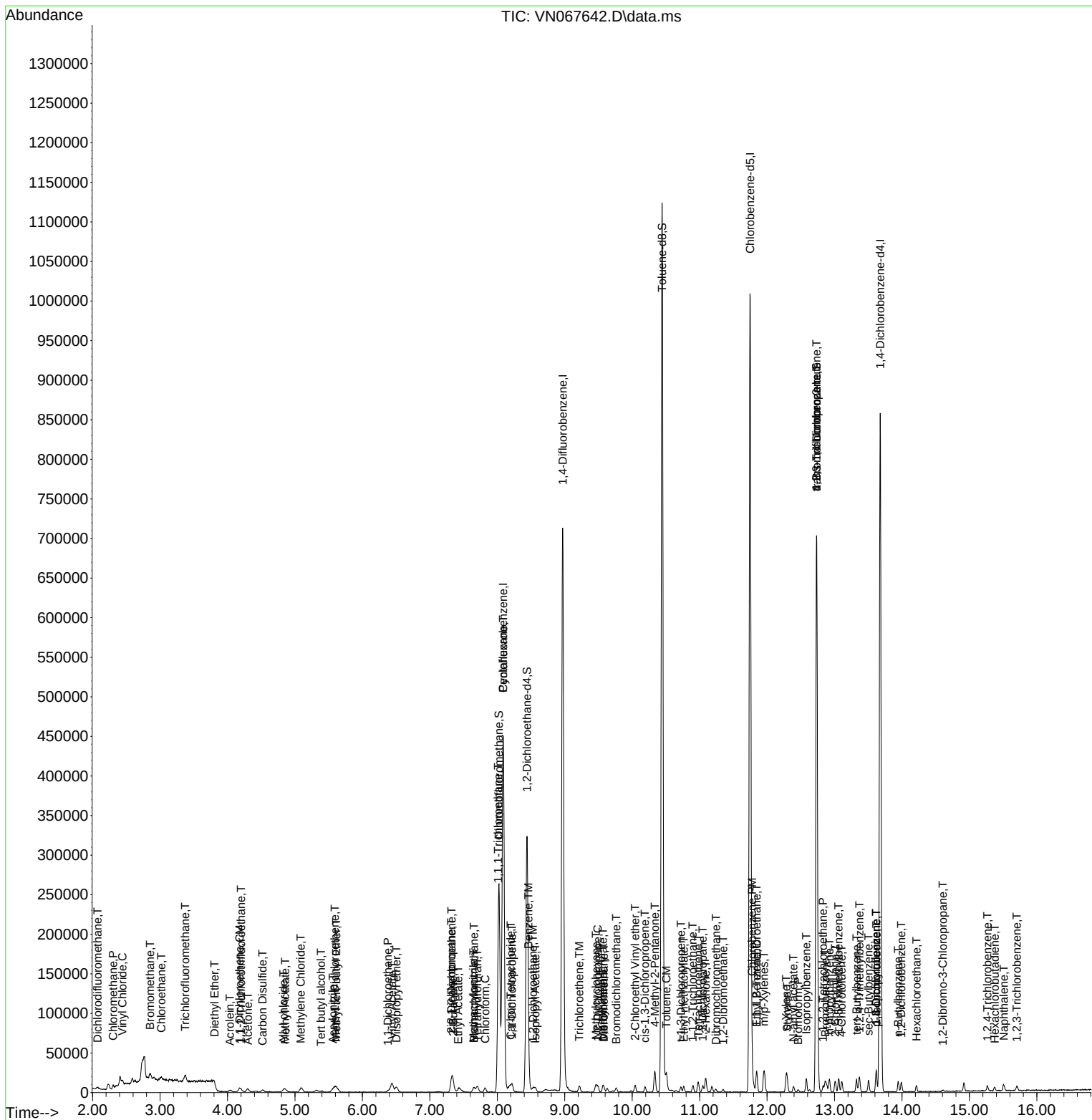
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN070721\  
Data File : VN067642.D  
Acq On : 7 Jul 2021 18:45  
Operator : JC/MD  
Sample : M2940-07 .75PPB LOD  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 15 Sample Multiplier: 1

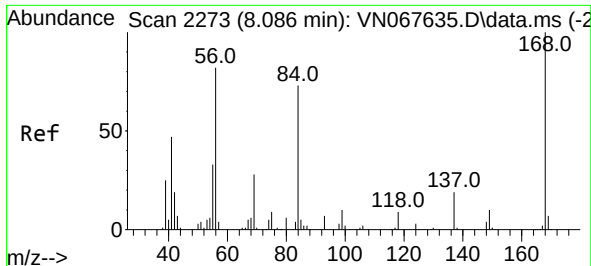
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Jul 08 07:15:45 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070721W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jul 08 07:13:53 2021  
Response via : Initial Calibration

| Compound                                                             | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |

Quant Time: Jul 08 07:15:45 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070721W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jul 08 07:13:53 2021  
Response via : Initial Calibration

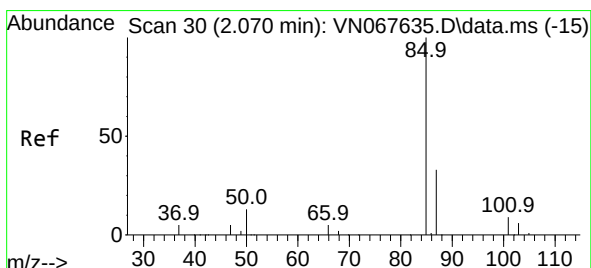
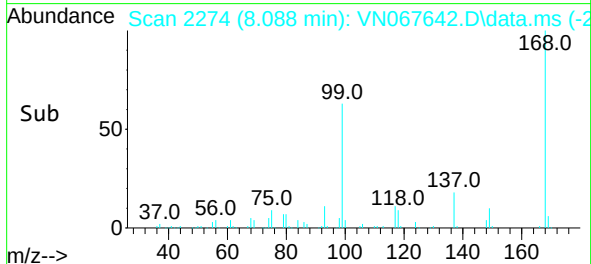
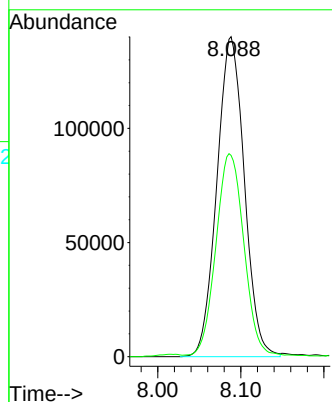
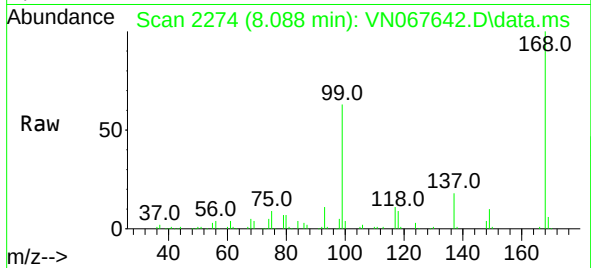




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.002 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

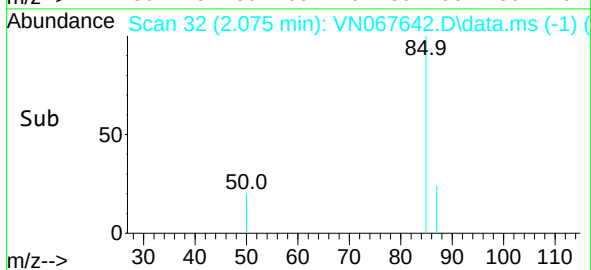
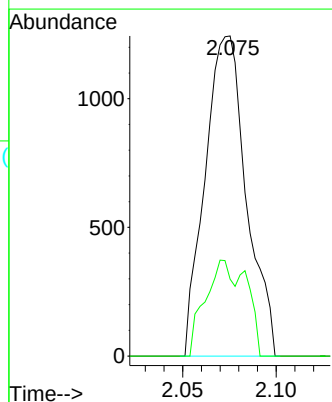
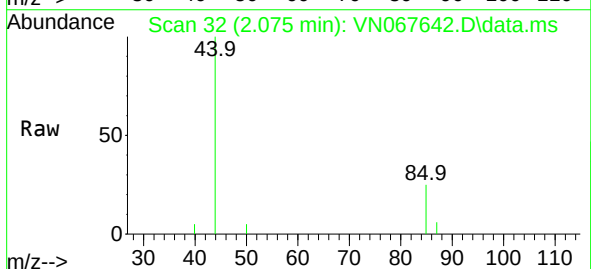
Instrument :  
MSVOA\_N  
ClientSampleId :

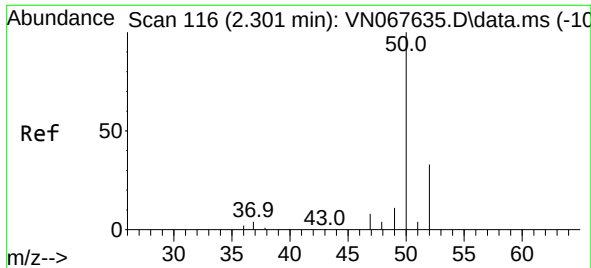
Tgt Ion:168 Resp: 321931  
Ion Ratio Lower Upper  
168 100  
99 62.4 62.9 94.3#



#2  
Dichlorodifluoromethane  
Concen: 0.700 ug/l  
RT: 2.075 min Scan# 32  
Delta R.T. 0.005 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

Tgt Ion: 85 Resp: 1915  
Ion Ratio Lower Upper  
85 100  
87 24.0 16.1 48.2

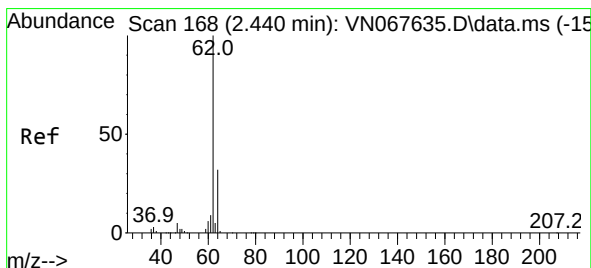
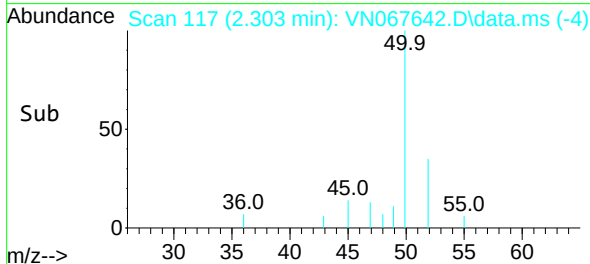
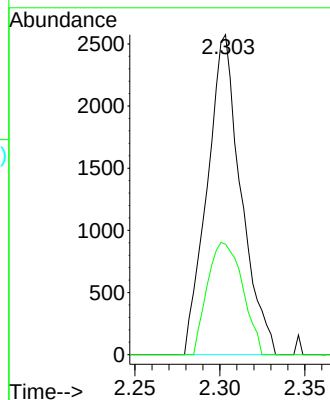
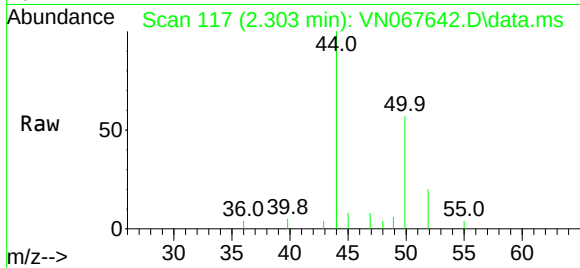




#3  
Chloromethane  
Concen: 0.820 ug/l  
RT: 2.303 min Scan# 117  
Delta R.T. 0.002 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

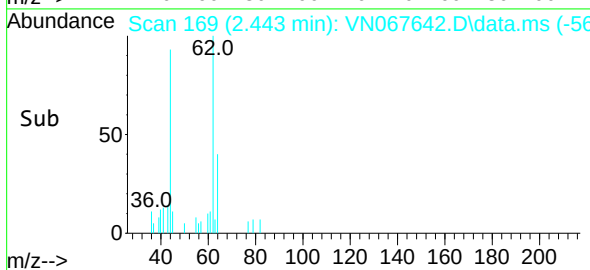
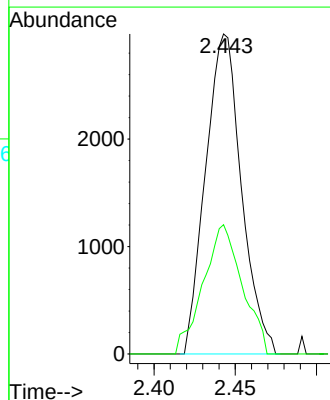
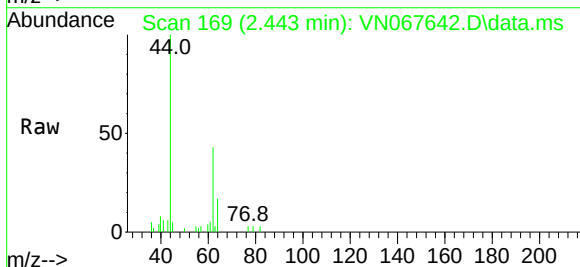
Instrument :  
MSVOA\_N  
ClientSampled :

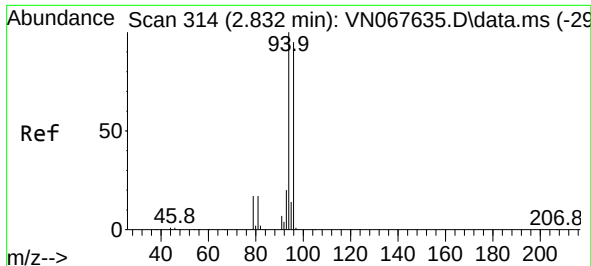
Tgt Ion: 50 Resp: 3554  
Ion Ratio Lower Upper  
50 100  
52 34.6 25.6 38.4



#4  
Vinyl Chloride  
Concen: 0.699 ug/l  
RT: 2.443 min Scan# 169  
Delta R.T. 0.003 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

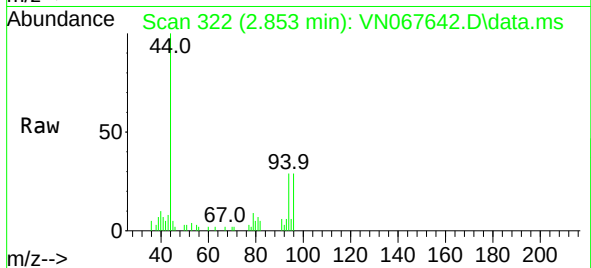
Tgt Ion: 62 Resp: 4572  
Ion Ratio Lower Upper  
62 100  
64 40.4 24.4 36.6#



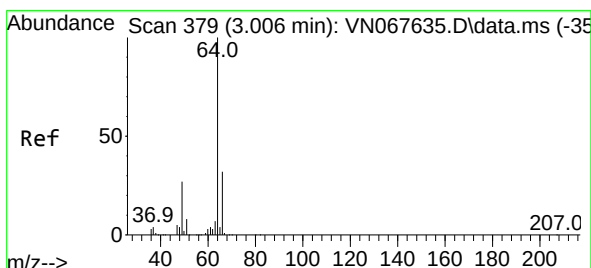
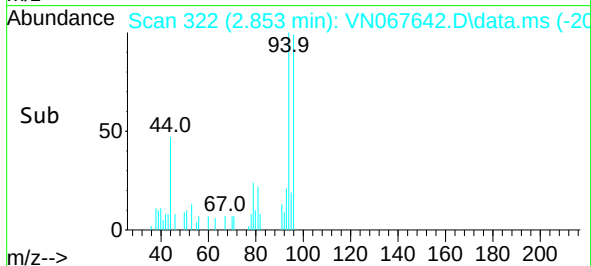
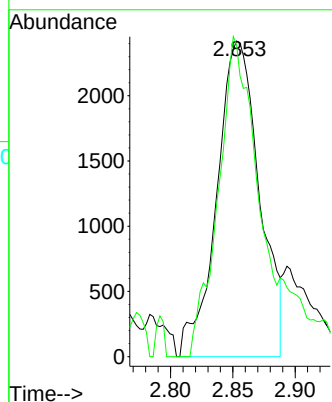


#5  
Bromomethane  
Concen: 1.070 ug/l  
RT: 2.853 min Scan# 322  
Delta R.T. 0.021 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

Instrument :  
MSVOA\_N  
ClientSampleId :

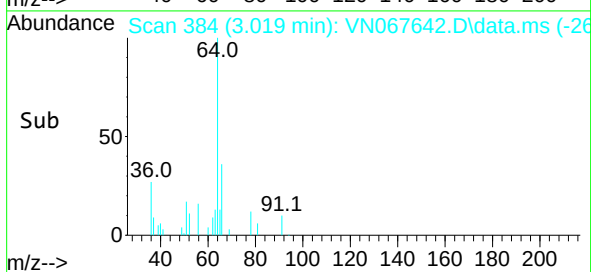
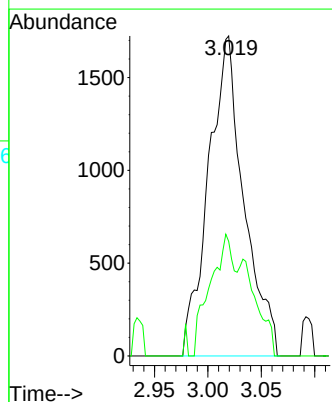
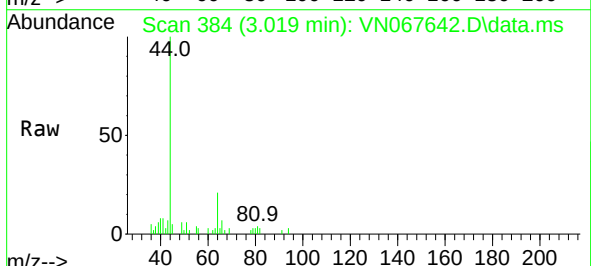


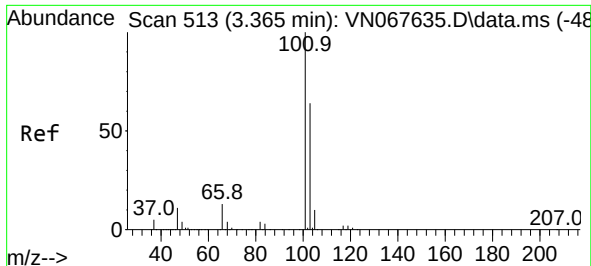
Tgt Ion: 94 Resp: 5775  
Ion Ratio Lower Upper  
94 100  
96 98.6 73.7 110.5



#6  
Chloroethane  
Concen: 0.819 ug/l  
RT: 3.019 min Scan# 384  
Delta R.T. 0.013 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

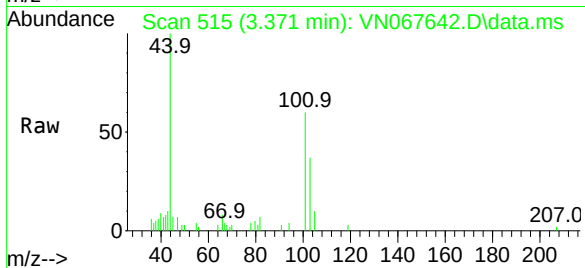
Tgt Ion: 64 Resp: 3968  
Ion Ratio Lower Upper  
64 100  
66 35.8 24.7 37.1



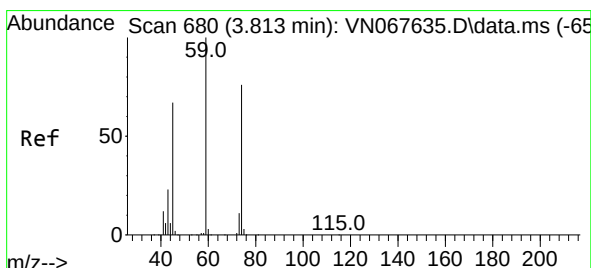
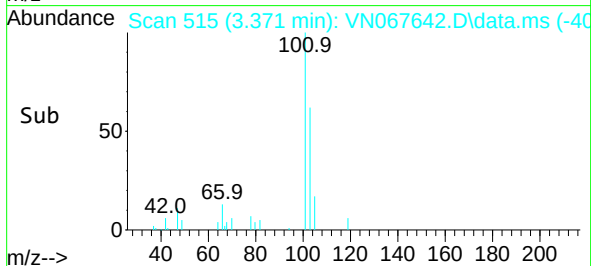
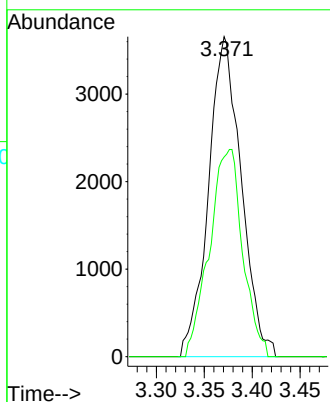


#7  
Trichlorofluoromethane  
Concen: 0.716 ug/l  
RT: 3.371 min Scan# 515  
Delta R.T. 0.006 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

Instrument :  
MSVOA\_N  
ClientSampled :

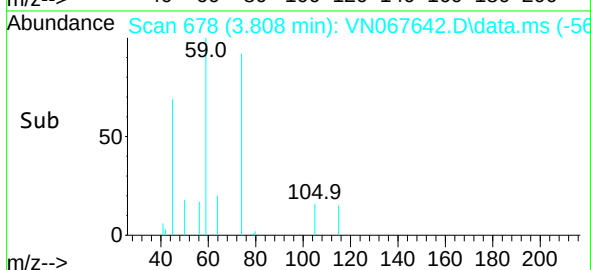
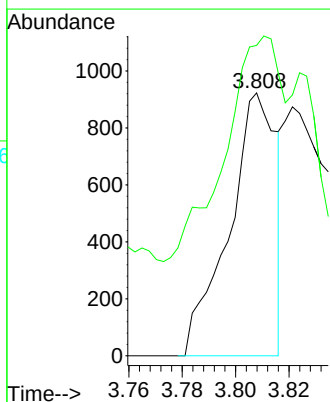
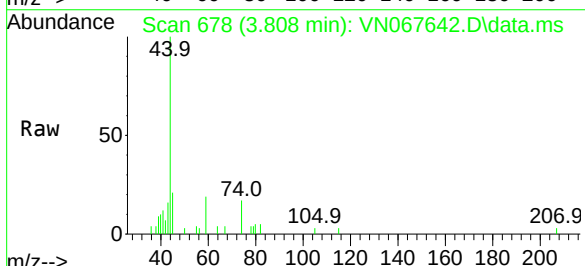


Tgt Ion:101 Resp: 8690  
Ion Ratio Lower Upper  
101 100  
103 62.4 51.2 76.8

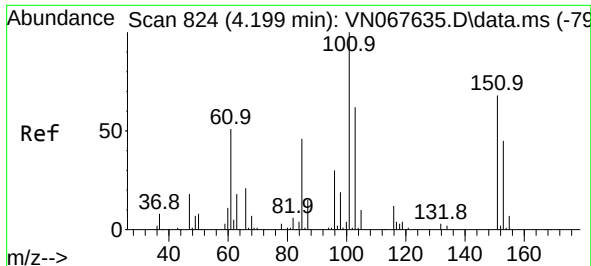


#8  
Diethyl Ether  
Concen: 0.435 ug/l  
RT: 3.808 min Scan# 678  
Delta R.T. -0.005 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

Tgt Ion: 74 Resp: 1132  
Ion Ratio Lower Upper  
74 100  
45 99.2 50.2 150.7



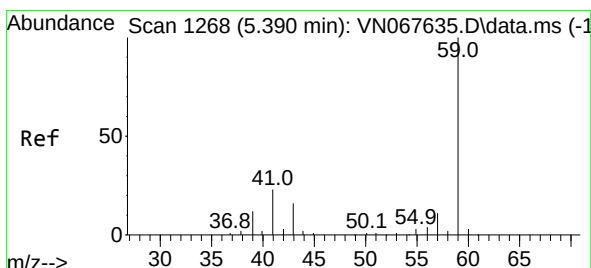
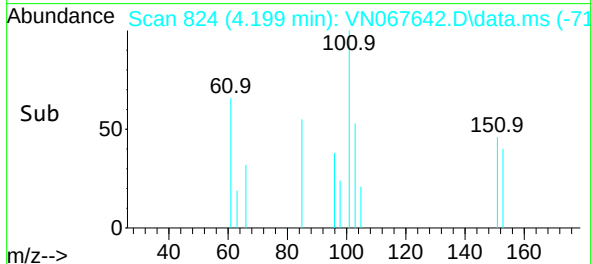
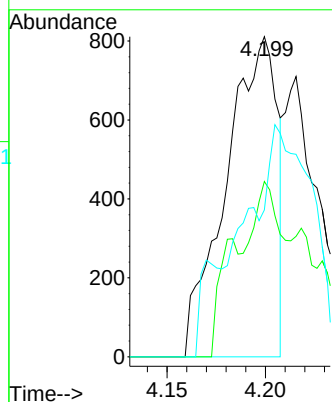
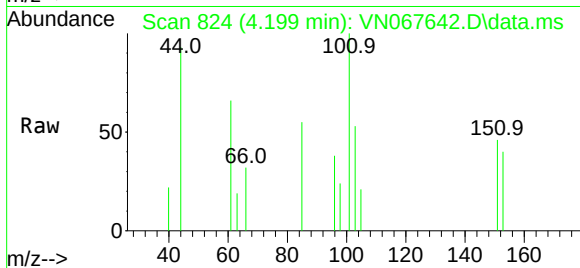




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.491 ug/l  
RT: 4.199 min Scan# 824  
Delta R.T. 0.000 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

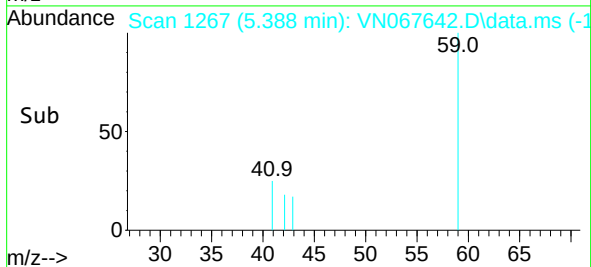
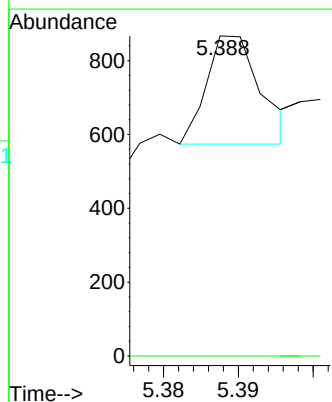
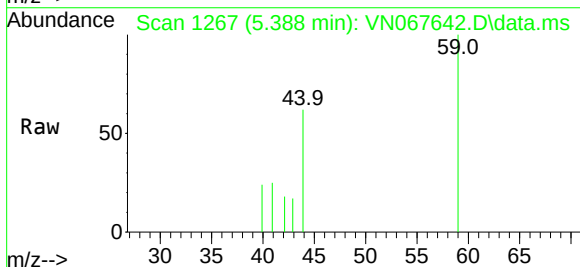
Instrument :  
MSVOA\_N  
ClientSampled :

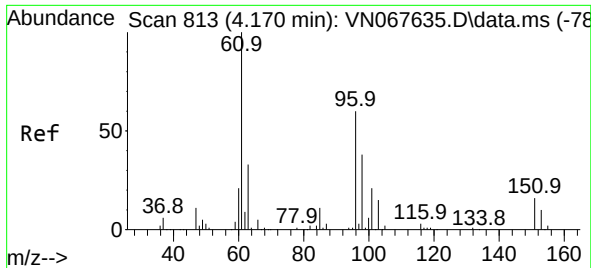
Tgt Ion:101 Resp: 1466  
Ion Ratio Lower Upper  
101 100  
85 15.1 39.6 59.4#  
151 88.8 54.1 81.1#



#11  
Tert butyl alcohol  
Concen: 0.210 ug/l  
RT: 5.388 min Scan# 1267  
Delta R.T. -0.002 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

Tgt Ion: 59 Resp: 147  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.7 13.1#

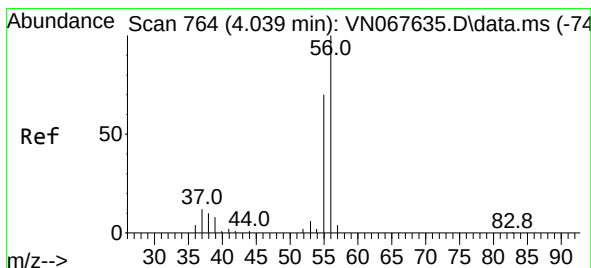
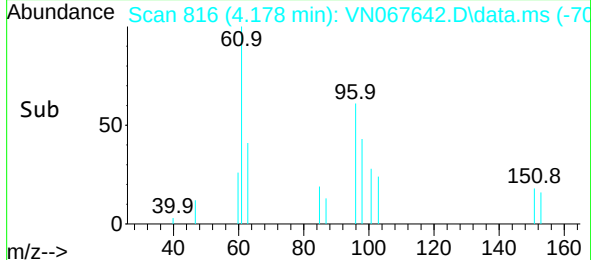
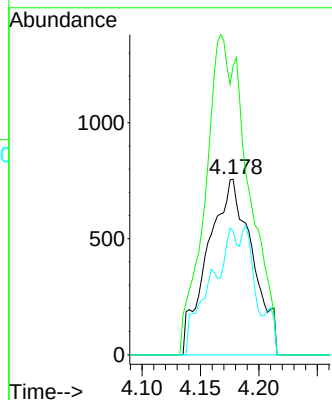
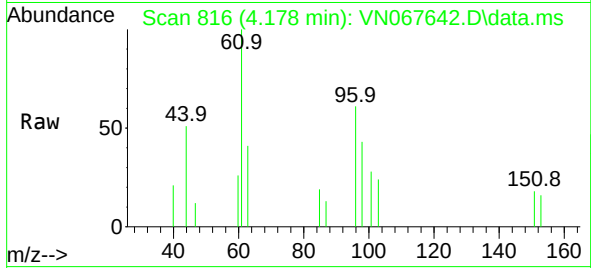




#12  
1,1-Dichloroethene  
Concen: 0.701 ug/l  
RT: 4.178 min Scan# 816  
Delta R.T. 0.008 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

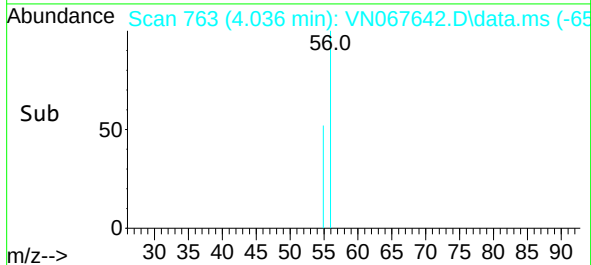
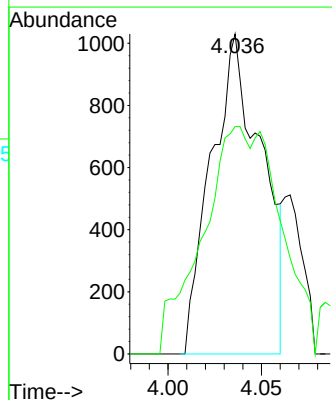
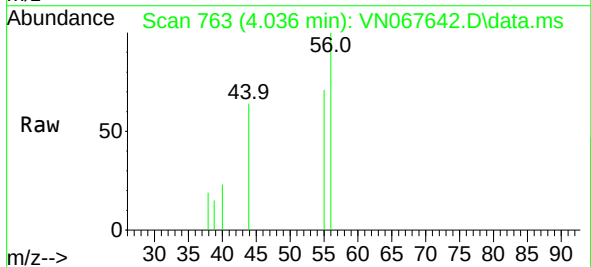
Instrument :  
MSVOA\_N  
ClientSampled :

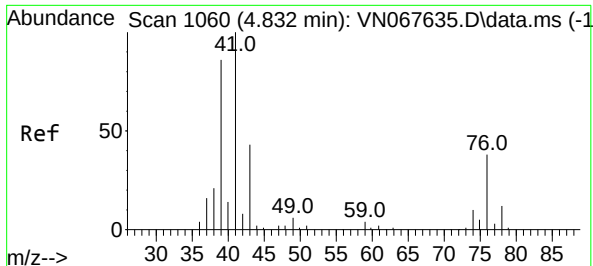
Tgt Ion: 96 Resp: 2006  
Ion Ratio Lower Upper  
96 100  
61 164.7 152.6 229.0  
98 70.2 50.9 76.3



#13  
Acrolein  
Concen: 5.143 ug/l  
RT: 4.036 min Scan# 763  
Delta R.T. -0.003 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

Tgt Ion: 56 Resp: 1931  
Ion Ratio Lower Upper  
56 100  
55 67.0 57.4 86.0

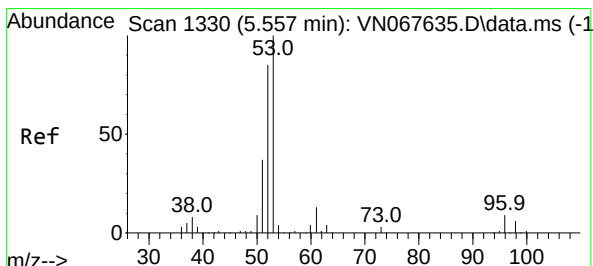
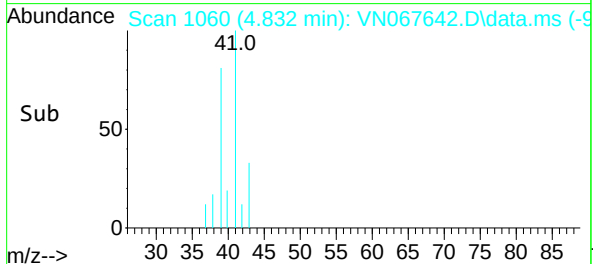
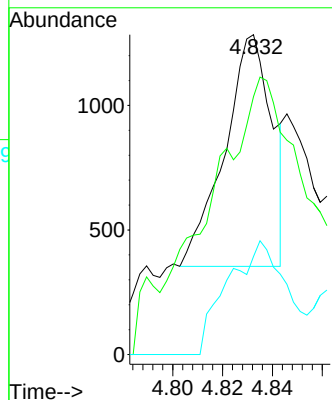
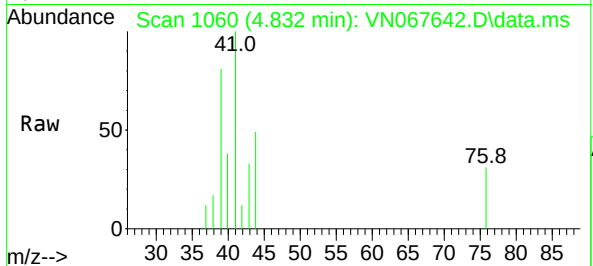




#14  
 Allyl chloride  
 Concen: 0.234 ug/l  
 RT: 4.832 min Scan# 1060  
 Delta R.T. 0.000 min  
 Lab File: VN067642.D  
 Acq: 7 Jul 2021 18:45

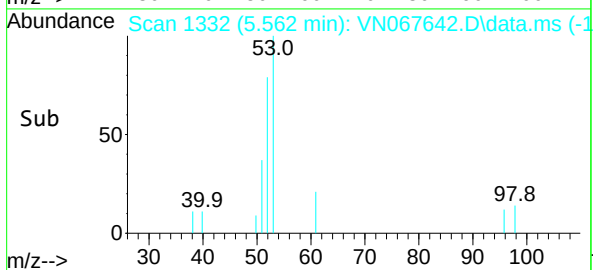
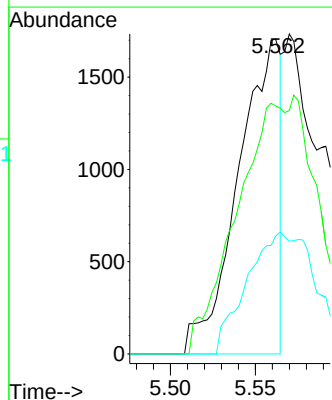
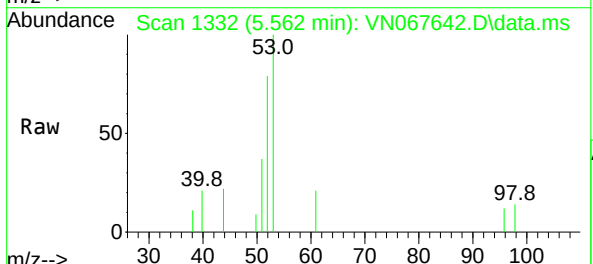
Instrument :  
 MSVOA\_N  
 ClientSampled :

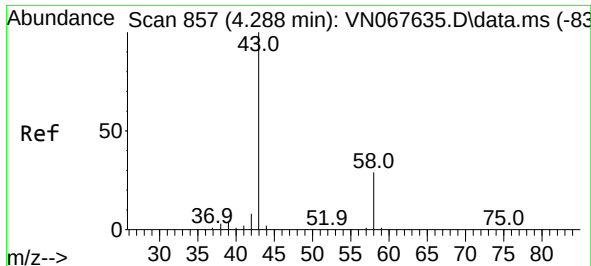
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 1232  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 261.4 | 60.9  | 91.3# |
| 76       | 61.0  | 24.3  | 36.5# |



#15  
 Acrylonitrile  
 Concen: 1.693 ug/l  
 RT: 5.562 min Scan# 1332  
 Delta R.T. 0.005 min  
 Lab File: VN067642.D  
 Acq: 7 Jul 2021 18:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 2935  |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 91.9  | 66.2  | 99.2  |
| 51       | 60.9  | 30.2  | 45.4# |

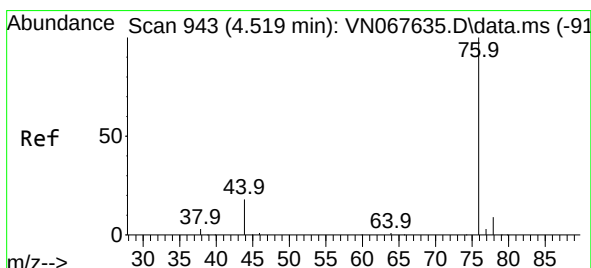
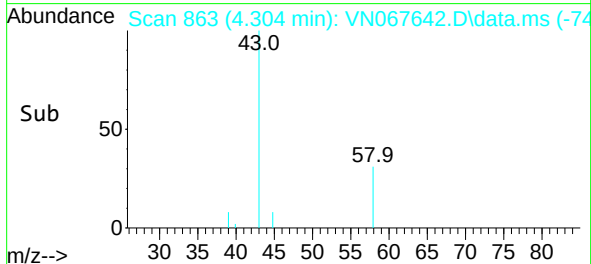
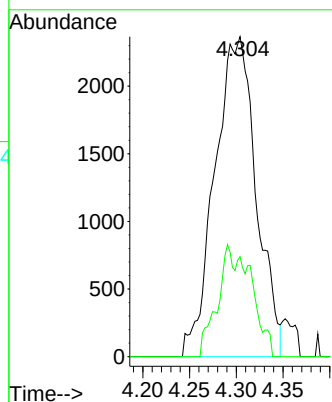
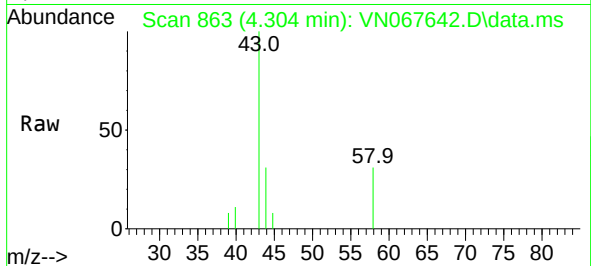




#16  
Acetone  
Concen: 4.762 ug/l  
RT: 4.304 min Scan# 863  
Delta R.T. 0.016 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

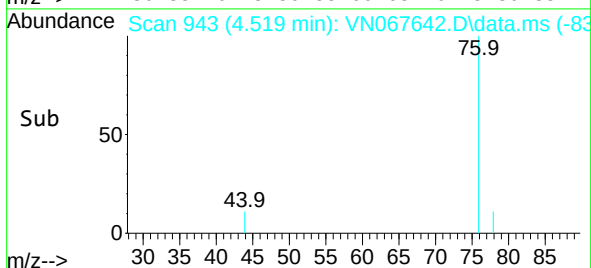
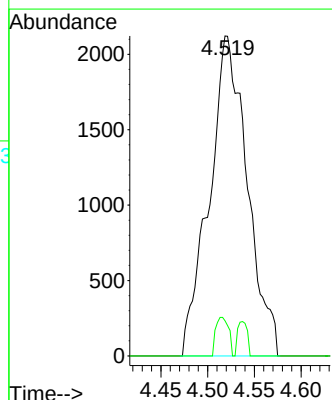
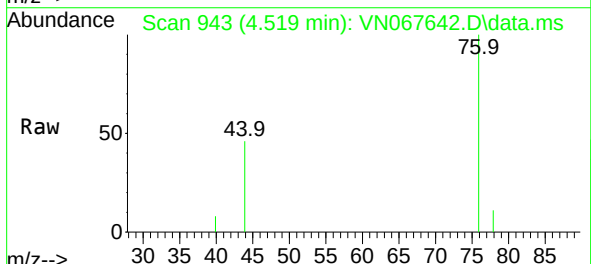
Instrument :  
MSVOA\_N  
ClientSampled :

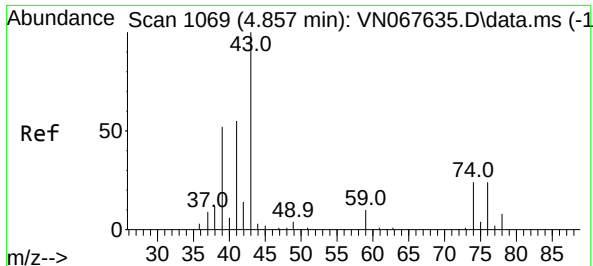
Tgt Ion: 43 Resp: 7291  
Ion Ratio Lower Upper  
43 100  
58 31.2 21.2 31.8



#17  
Carbon Disulfide  
Concen: 0.757 ug/l  
RT: 4.519 min Scan# 943  
Delta R.T. -0.000 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

Tgt Ion: 76 Resp: 6000  
Ion Ratio Lower Upper  
76 100  
78 11.0 7.7 11.5





#18

Methyl Acetate

Concen: 0.686 ug/l

RT: 4.854 min Scan# 1068

Delta R.T. -0.003 min

Lab File: VN067642.D

Acq: 7 Jul 2021 18:45

Tgt Ion: 43 Resp: 2951

Ion Ratio Lower Upper

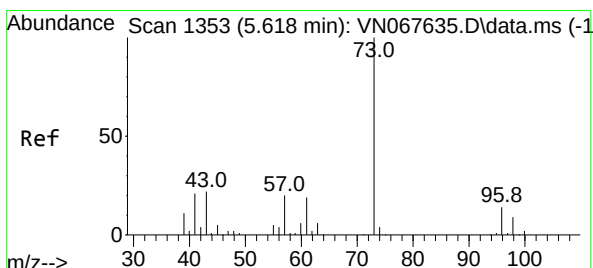
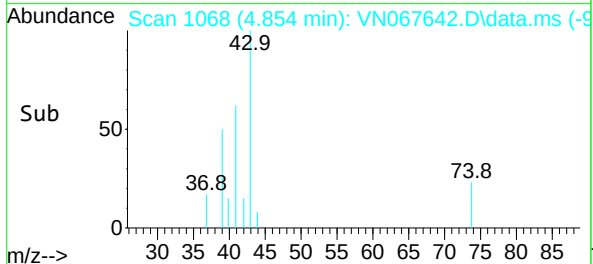
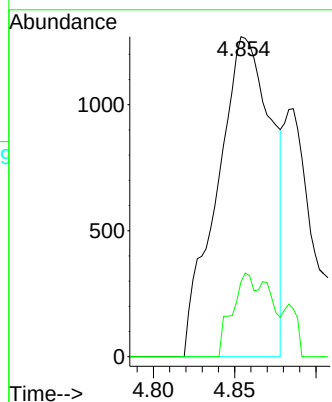
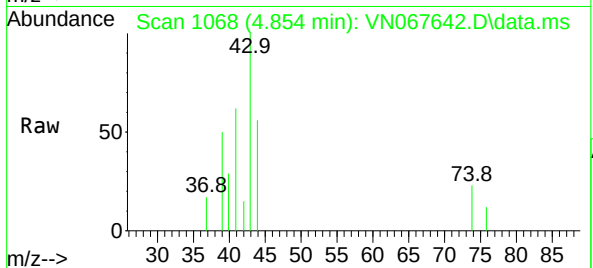
43 100

74 11.9 17.4 26.0#

Instrument :

MSVOA\_N

ClientSampleId :



#19

Methyl tert-butyl Ether

Concen: 0.274 ug/l

RT: 5.613 min Scan# 1351

Delta R.T. -0.005 min

Lab File: VN067642.D

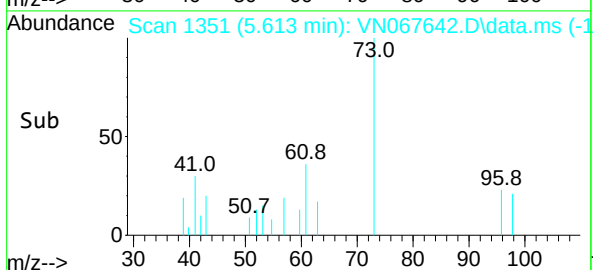
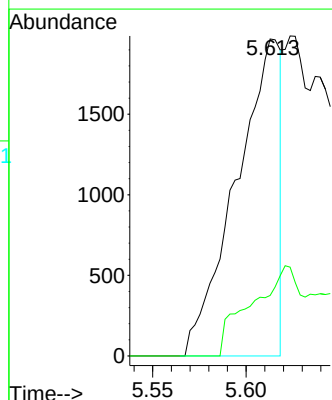
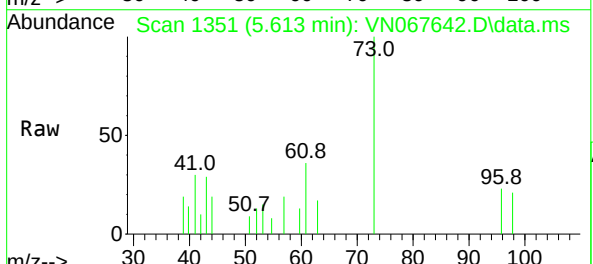
Acq: 7 Jul 2021 18:45

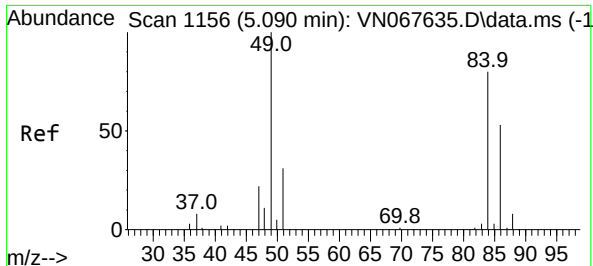
Tgt Ion: 73 Resp: 3245

Ion Ratio Lower Upper

73 100

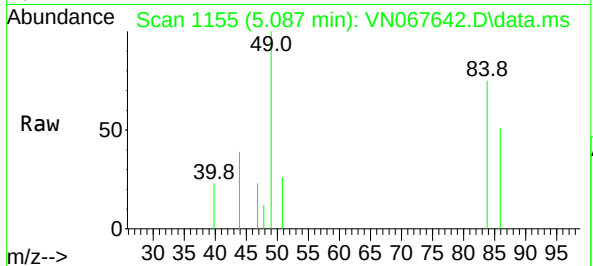
57 19.1 17.0 25.6





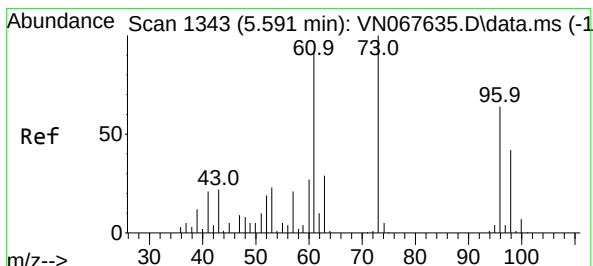
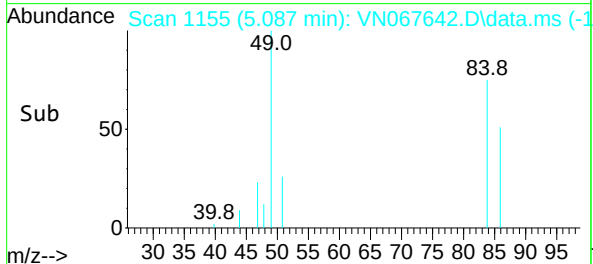
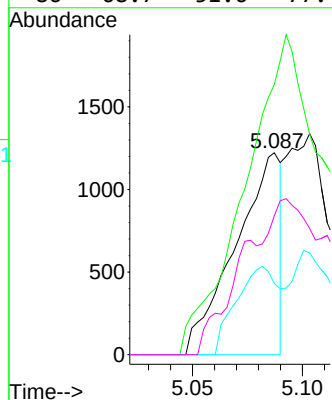
#20  
Methylene Chloride  
Concen: 0.432 ug/l  
RT: 5.087 min Scan# 1155  
Delta R.T. -0.003 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

Instrument :  
MSVOA\_N  
ClientSampleId :

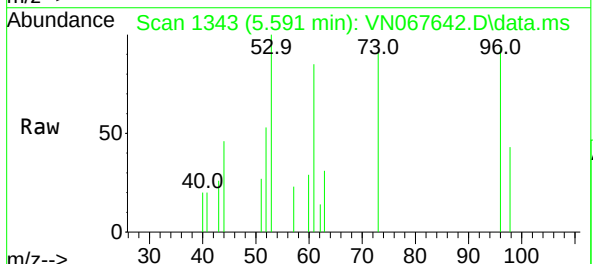


Tgt Ion: 84 Resp: 1750

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 133.8 | 110.9 | 166.3 |
| 51  | 35.3  | 32.6  | 49.0  |
| 86  | 68.7  | 51.6  | 77.4  |

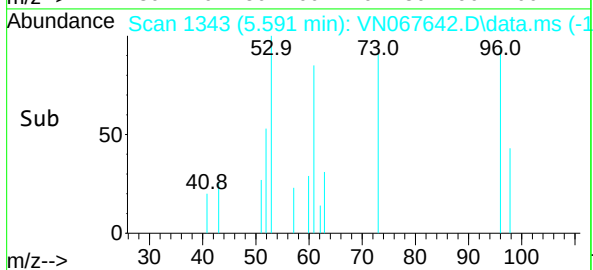
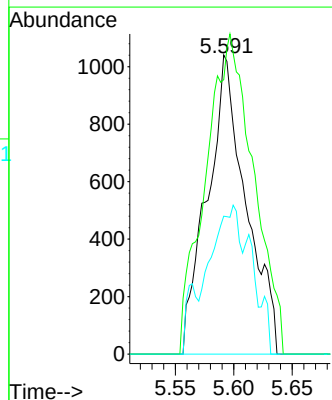


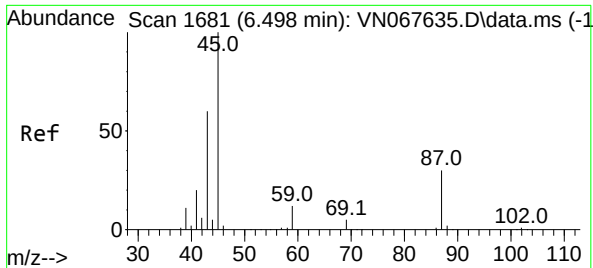
#21  
trans-1,2-Dichloroethene  
Concen: 0.709 ug/l  
RT: 5.591 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45



Tgt Ion: 96 Resp: 2398

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 96  | 100   |       |        |
| 61  | 91.7  | 123.5 | 185.3# |
| 98  | 46.1  | 48.6  | 72.8#  |





#22

Diisopropyl ether

Concen: 0.602 ug/l

RT: 6.503 min Scan# 1683

Delta R.T. 0.005 min

Lab File: VN067642.D

Acq: 7 Jul 2021 18:45

Tgt Ion: 45 Resp: 7186

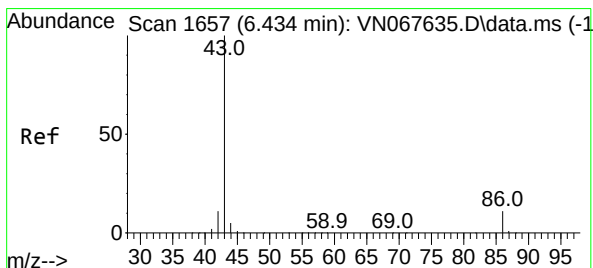
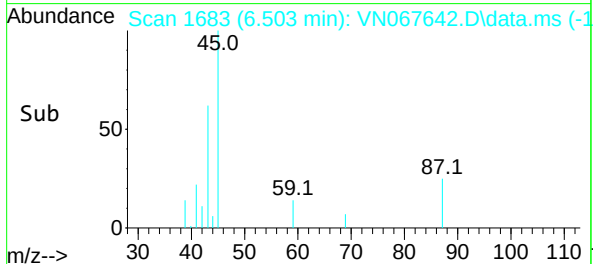
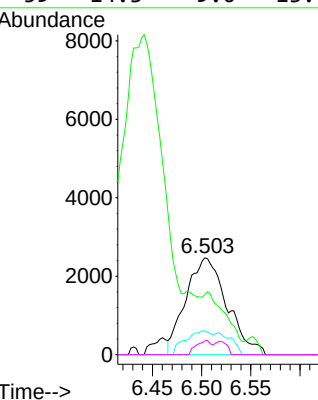
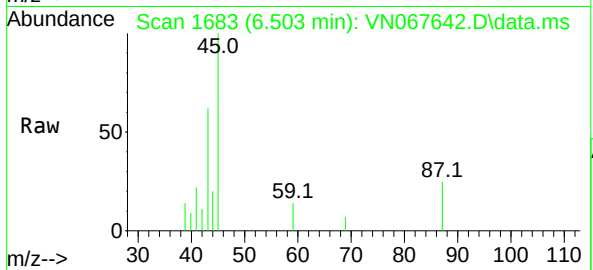
Ion Ratio Lower Upper

45 100

43 61.6 49.4 74.2

87 24.6 20.9 31.3

59 14.3 9.0 13.4#



#23

Vinyl Acetate

Concen: 2.466 ug/l

RT: 6.442 min Scan# 1660

Delta R.T. 0.008 min

Lab File: VN067642.D

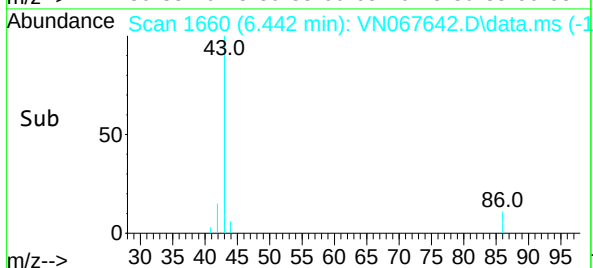
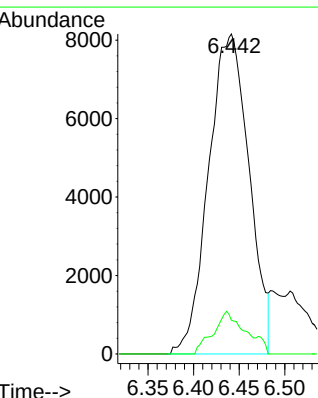
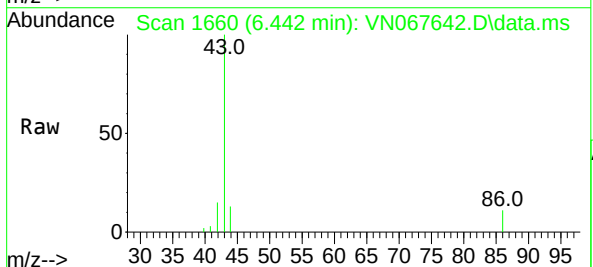
Acq: 7 Jul 2021 18:45

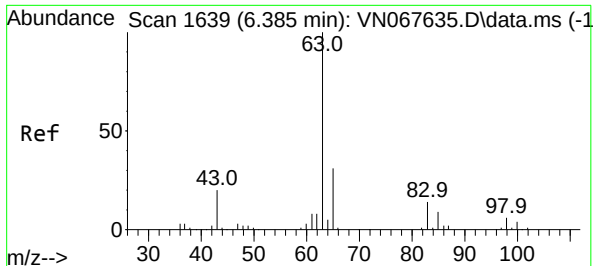
Tgt Ion: 43 Resp: 25174

Ion Ratio Lower Upper

43 100

86 10.6 7.3 10.9

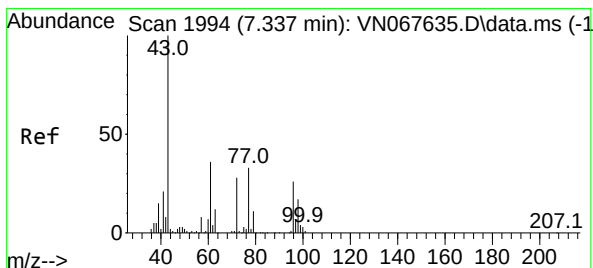
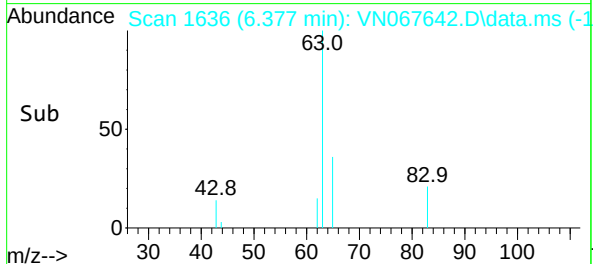
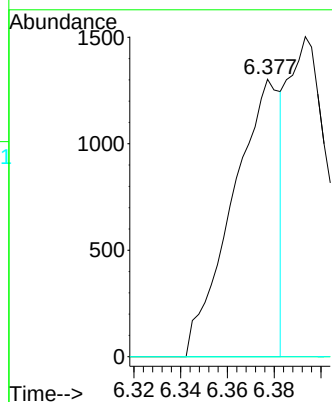
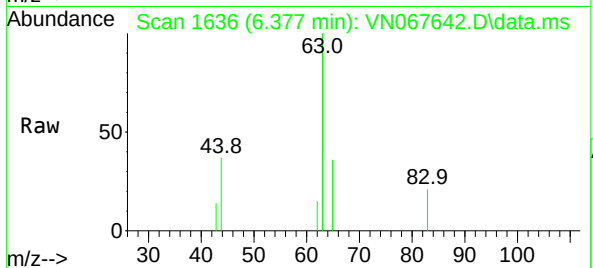




#24  
1,1-Dichloroethane  
Concen: 0.279 ug/l  
RT: 6.377 min Scan# 1636  
Delta R.T. -0.008 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

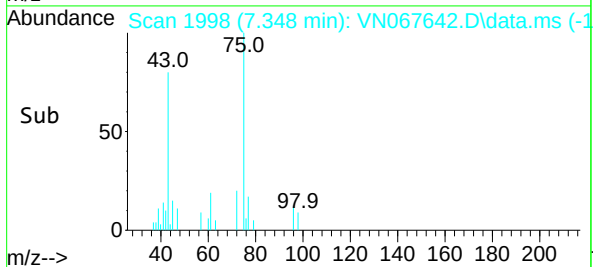
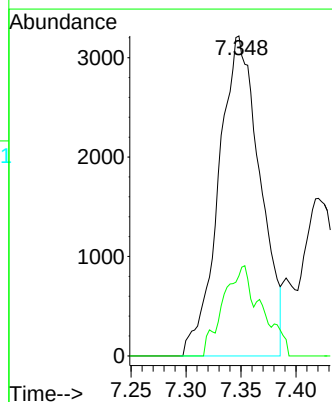
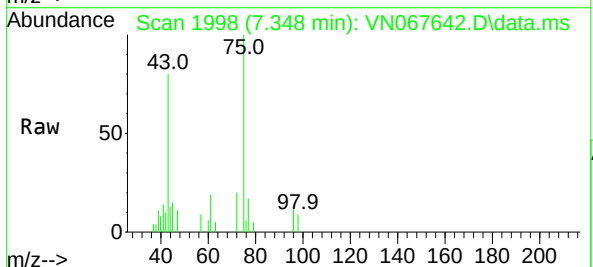
Instrument :  
MSVOA\_N  
ClientSampled :

Tgt Ion: 63 Resp: 1855  
Ion Ratio Lower Upper  
63 100  
98 0.0 3.0 9.0#  
100 0.0 1.9 5.7#

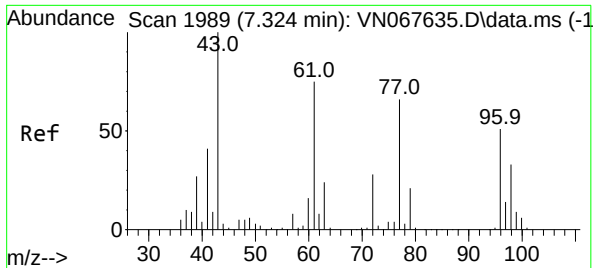


#25  
2-Butanone  
Concen: 3.311 ug/l  
RT: 7.348 min Scan# 1998  
Delta R.T. 0.011 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

Tgt Ion: 43 Resp: 8417  
Ion Ratio Lower Upper  
43 100  
72 25.0 19.7 29.5



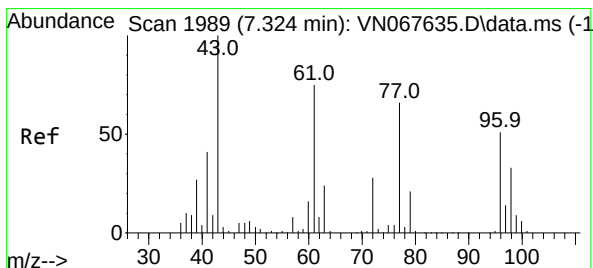
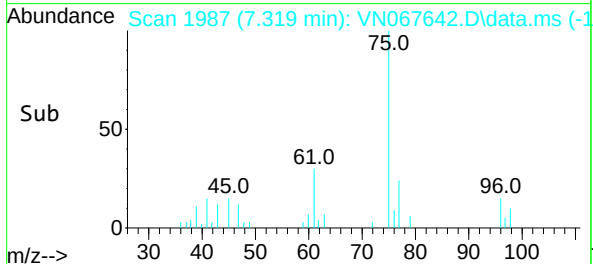
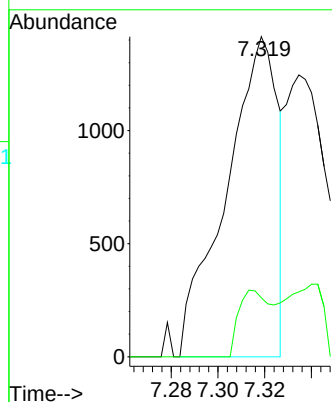
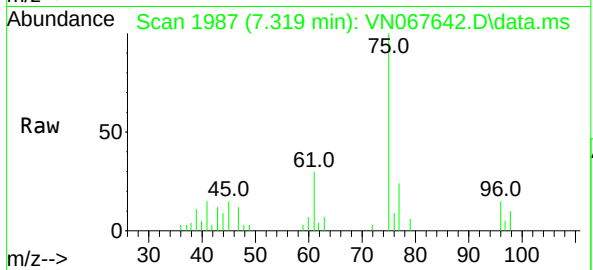




#26  
2,2-Dichloropropane  
Concen: 0.374 ug/l  
RT: 7.319 min Scan# 1987  
Delta R.T. -0.005 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

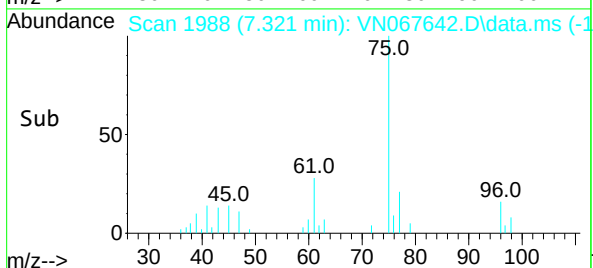
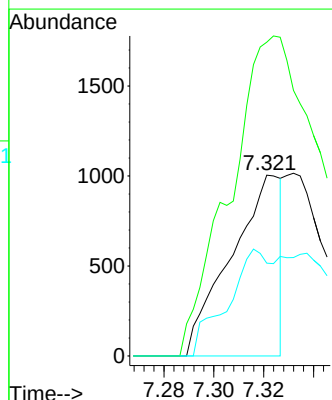
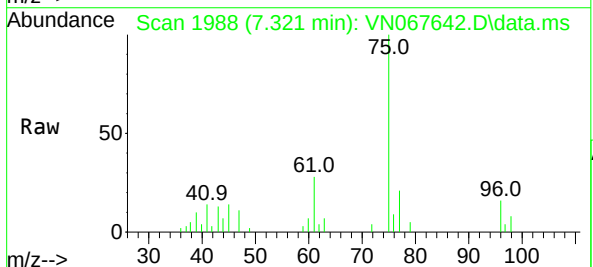
Instrument :  
MSVOA\_N  
ClientSampled :

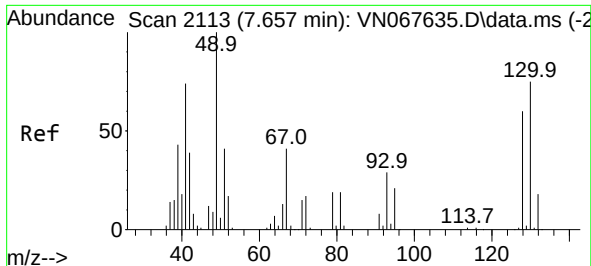
Tgt Ion: 77 Resp: 2175  
Ion Ratio Lower Upper  
77 100  
97 12.8 9.8 29.3



#27  
cis-1,2-Dichloroethene  
Concen: 0.330 ug/l  
RT: 7.321 min Scan# 1988  
Delta R.T. -0.003 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

Tgt Ion: 96 Resp: 1398  
Ion Ratio Lower Upper  
96 100  
61 326.9 0.0 338.8  
98 52.6 0.0 129.8

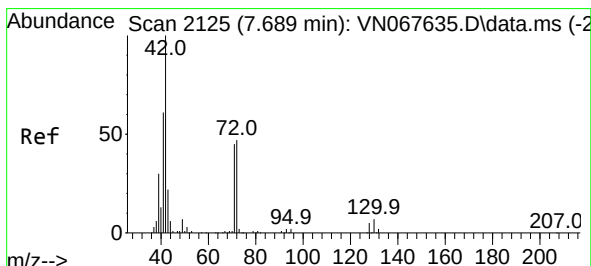
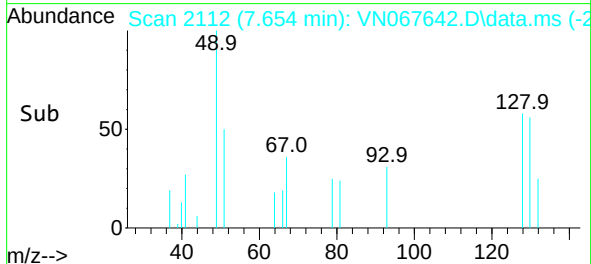
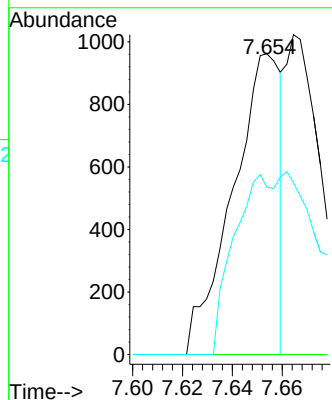
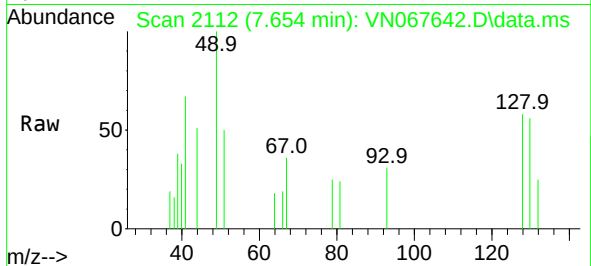




#28  
Bromochloromethane  
Concen: 0.393 ug/l  
RT: 7.654 min Scan# 2112  
Delta R.T. -0.003 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

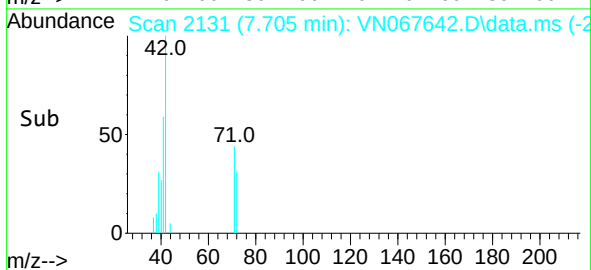
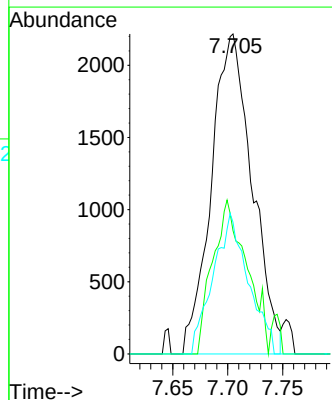
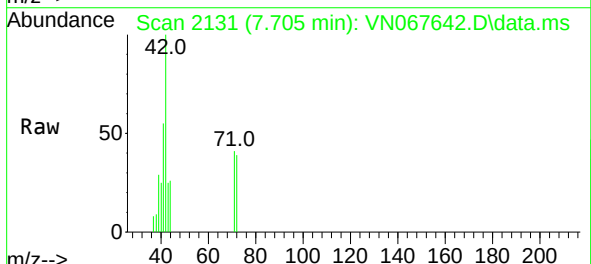
Instrument :  
MSVOA\_N  
ClientSampled :

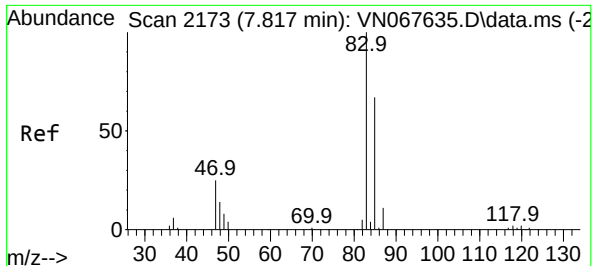
Tgt Ion: 49 Resp: 1278  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 3.8  
130 50.1 49.7 74.5



#29  
Tetrahydrofuran  
Concen: 3.420 ug/l  
RT: 7.705 min Scan# 2131  
Delta R.T. 0.016 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

Tgt Ion: 42 Resp: 5718  
Ion Ratio Lower Upper  
42 100  
72 40.1 32.8 49.2  
71 37.8 31.2 46.8





#30

Chloroform

Concen: 0.681 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.003 min

Lab File: VN067642.D

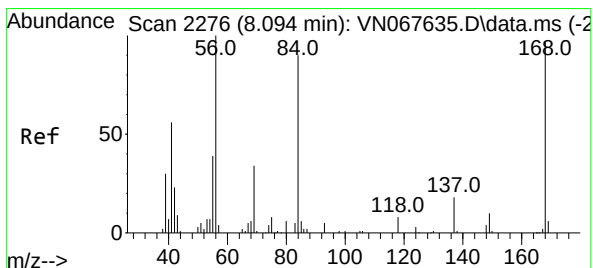
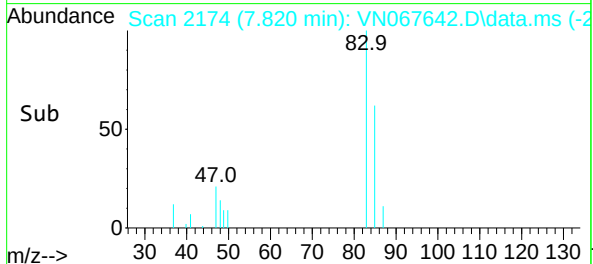
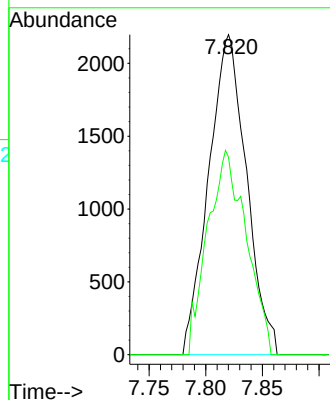
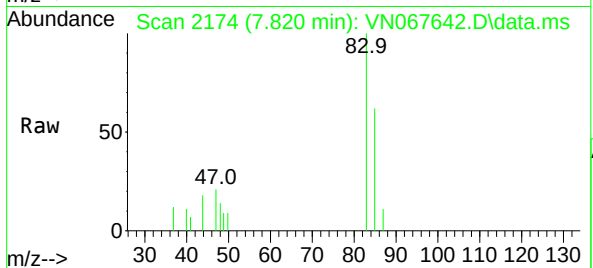
Acq: 7 Jul 2021 18:45

Tgt Ion: 83 Resp: 5093

Ion Ratio Lower Upper

83 100

85 61.7 51.5 77.3



#31

Cyclohexane

Concen: 1.916 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. -0.006 min

Lab File: VN067642.D

Acq: 7 Jul 2021 18:45

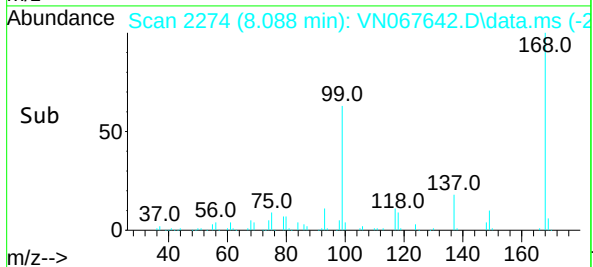
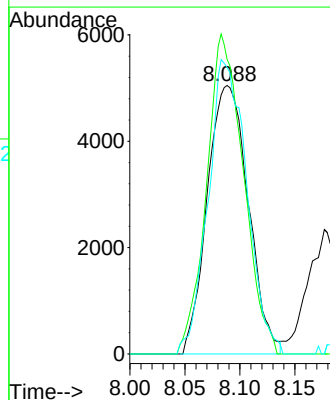
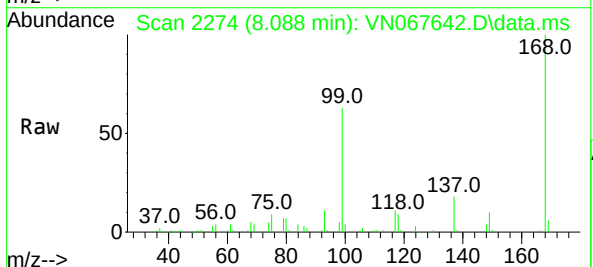
Tgt Ion: 56 Resp: 13071

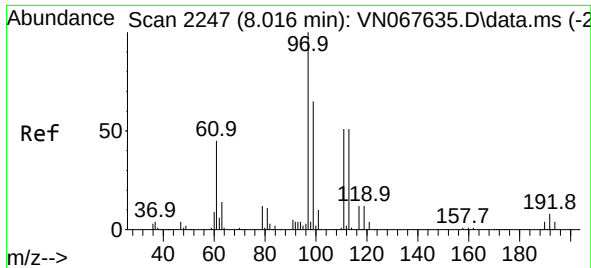
Ion Ratio Lower Upper

56 100

69 109.8 27.3 40.9#

84 103.1 64.9 97.3#

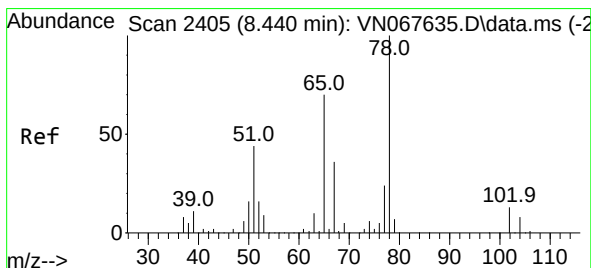
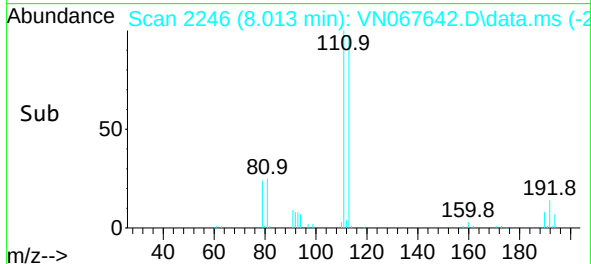
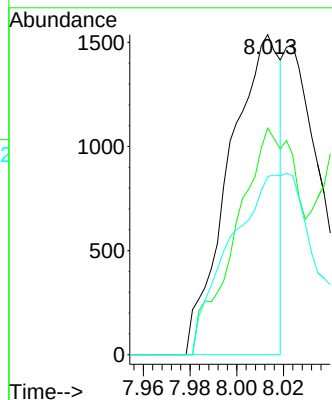
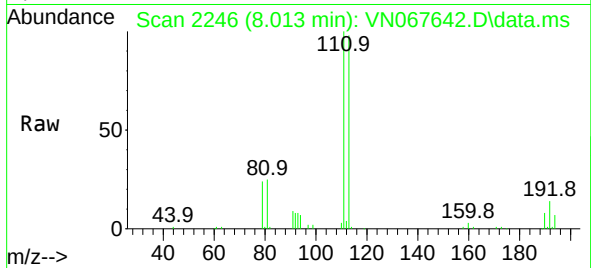




#32  
1,1,1-Trichloroethane  
Concen: 0.356 ug/l  
RT: 8.013 min Scan# 2246  
Delta R.T. -0.003 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

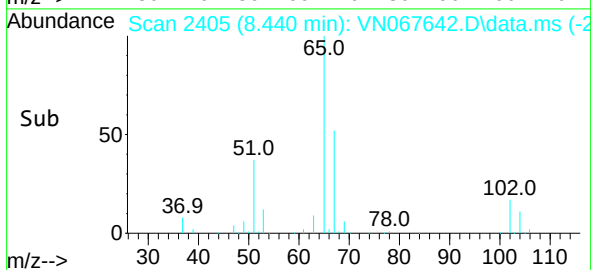
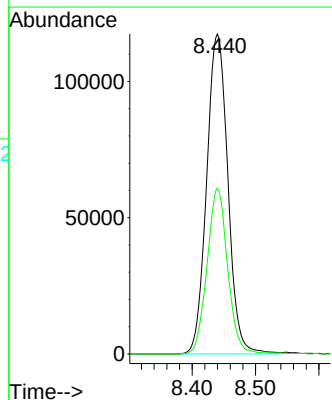
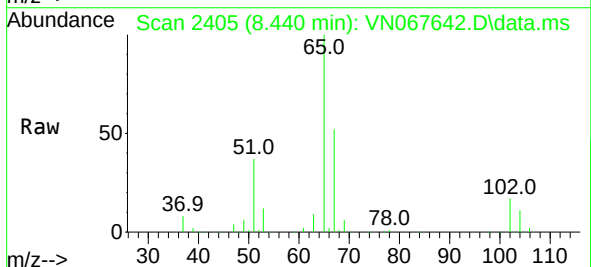
Instrument :  
MSVOA\_N  
ClientSampled :

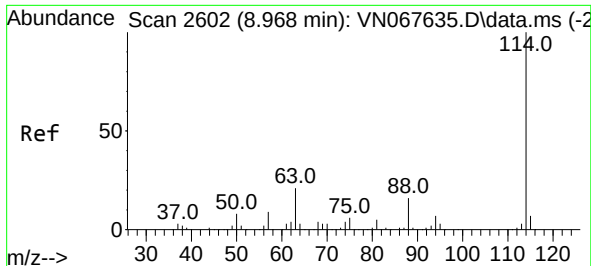
Tgt Ion: 97 Resp: 2309  
Ion Ratio Lower Upper  
97 100  
99 0.0 50.2 75.2#  
61 92.0 38.2 57.2#



#33  
1,2-Dichloroethane-d4  
Concen: 56.243 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. -0.000 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

Tgt Ion: 65 Resp: 273645  
Ion Ratio Lower Upper  
65 100  
67 50.0 0.0 98.6

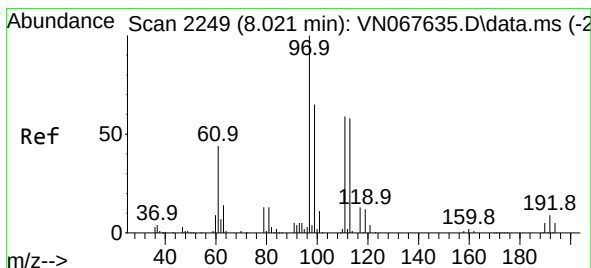
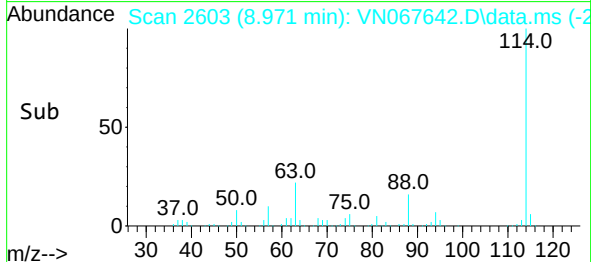
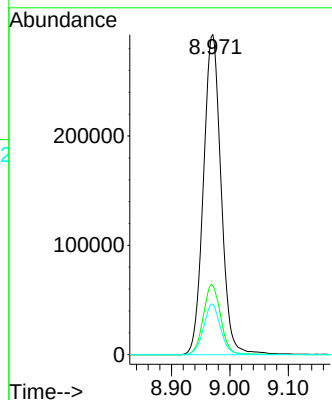
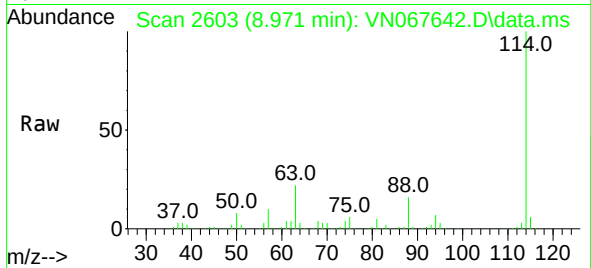




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. 0.003 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

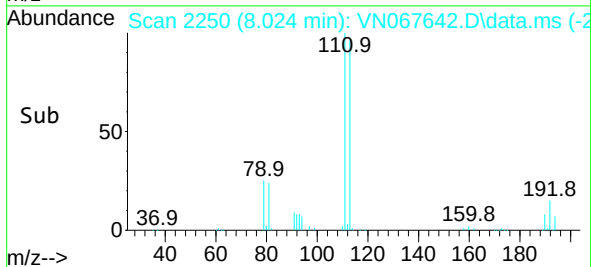
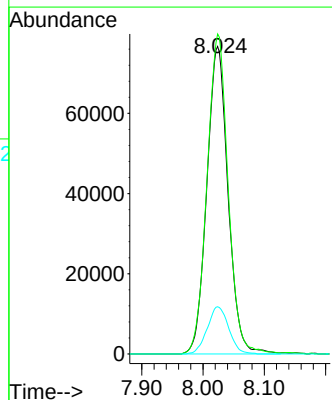
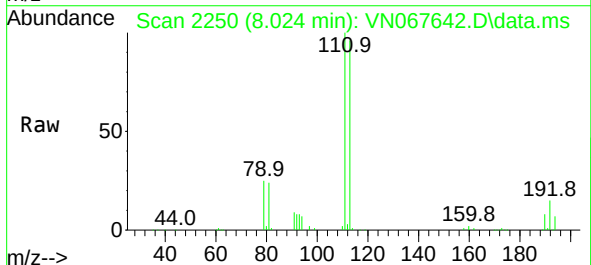
Instrument :  
MSVOA\_N  
ClientSampleId :

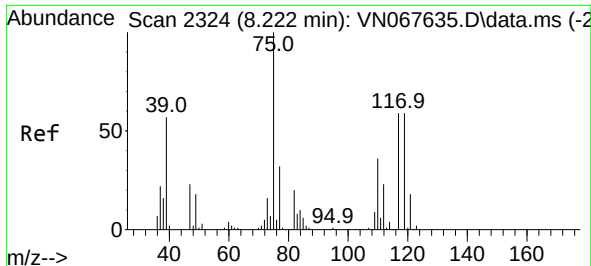
Tgt Ion:114 Resp: 615214  
Ion Ratio Lower Upper  
114 100  
63 21.6 0.0 49.0  
88 15.8 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 49.677 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.003 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

Tgt Ion:113 Resp: 184650  
Ion Ratio Lower Upper  
113 100  
111 103.5 83.8 125.8  
192 15.5 13.4 20.0

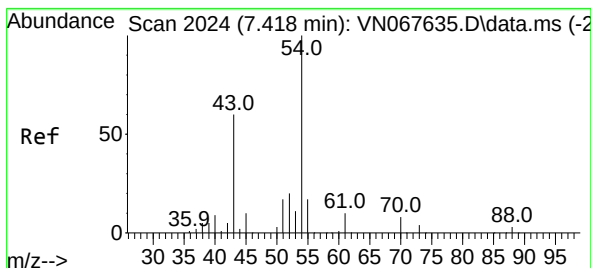
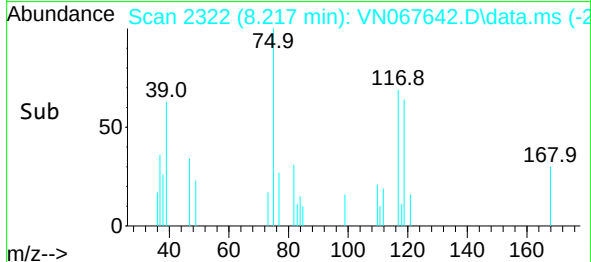
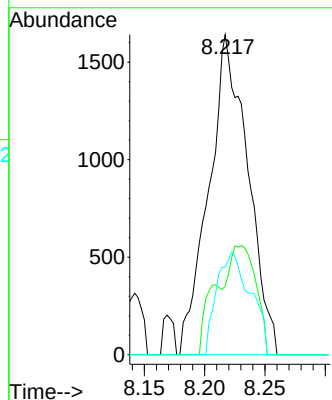
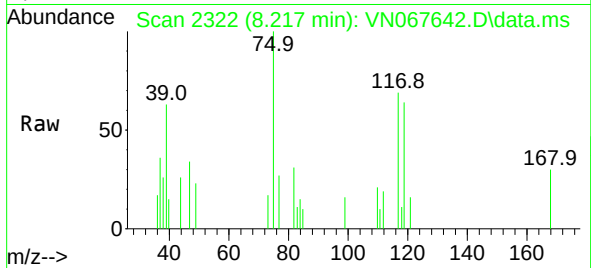




#36  
1,1-Dichloropropene  
Concen: 0.647 ug/l  
RT: 8.217 min Scan# 2322  
Delta R.T. -0.005 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

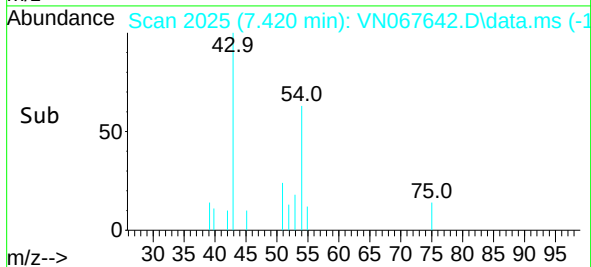
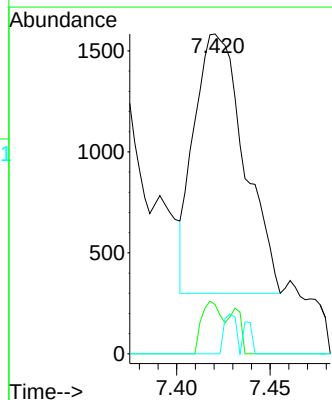
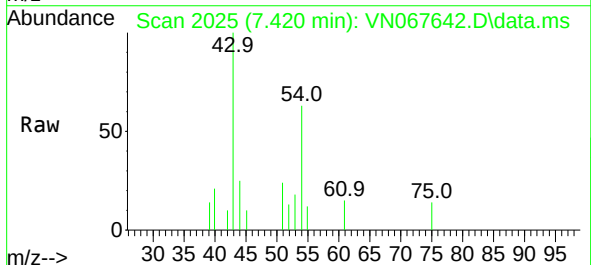
Instrument :  
MSVOA\_N  
ClientSampled :

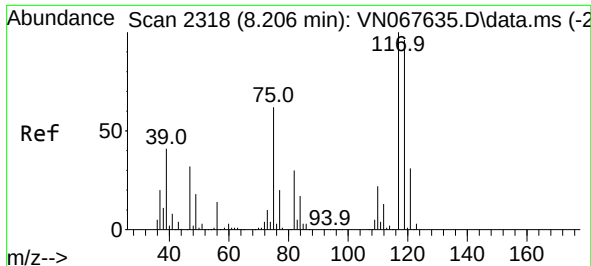
Tgt Ion: 75 Resp: 3698  
Ion Ratio Lower Upper  
75 100  
110 9.5 15.7 47.0#  
77 27.6 24.6 37.0



#37  
Ethyl Acetate  
Concen: 0.433 ug/l  
RT: 7.420 min Scan# 2025  
Delta R.T. 0.002 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

Tgt Ion: 43 Resp: 2397  
Ion Ratio Lower Upper  
43 100  
61 8.3 10.6 16.0#  
70 3.7 8.1 12.1#

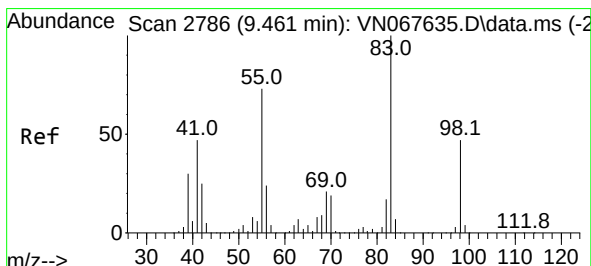
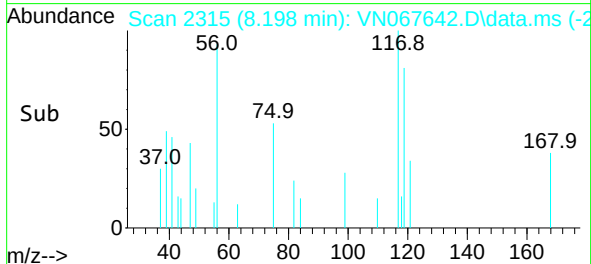
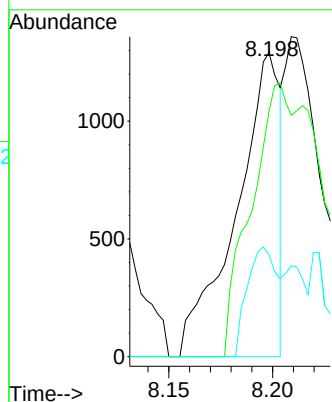
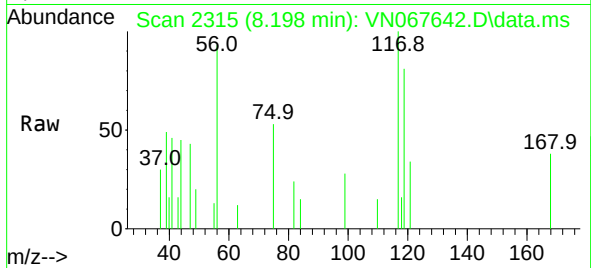




#38  
Carbon Tetrachloride  
Concen: 0.332 ug/l  
RT: 8.198 min Scan# 2315  
Delta R.T. -0.008 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

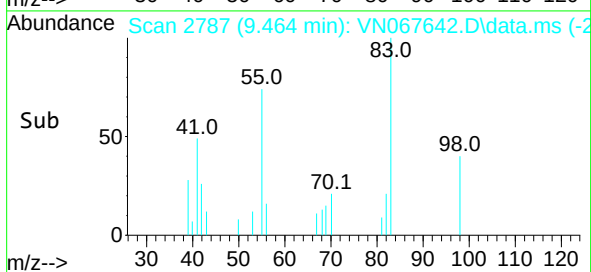
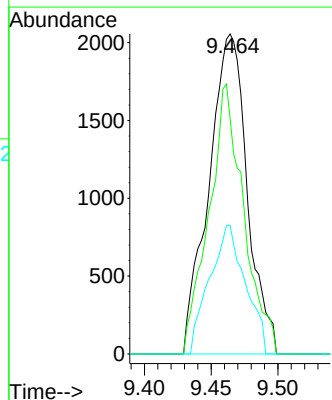
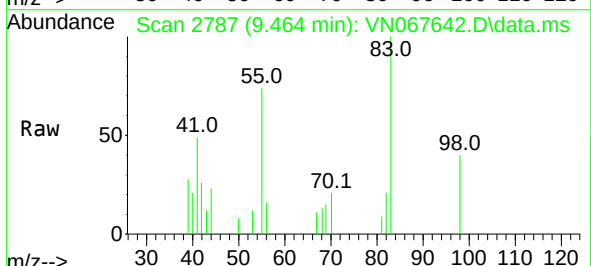
Instrument :  
MSVOA\_N  
ClientSampled :

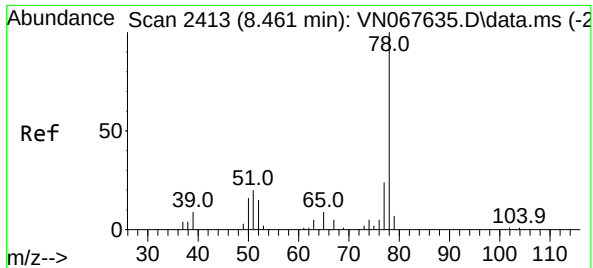
Tgt Ion:117 Resp: 1873  
Ion Ratio Lower Upper  
117 100  
119 80.6 75.4 113.2  
121 33.5 23.5 35.3



#39  
Methylcyclohexane  
Concen: 0.659 ug/l  
RT: 9.464 min Scan# 2787  
Delta R.T. 0.003 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

Tgt Ion: 83 Resp: 4124  
Ion Ratio Lower Upper  
83 100  
55 73.5 66.6 99.8  
98 40.1 35.3 52.9

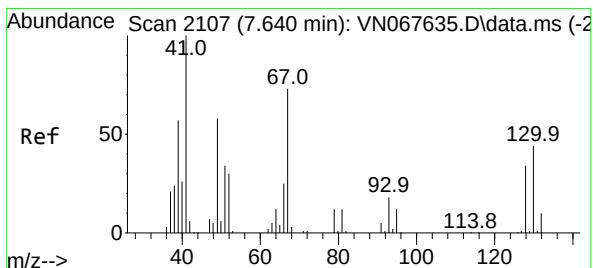
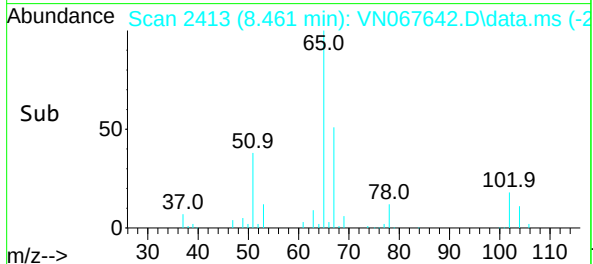
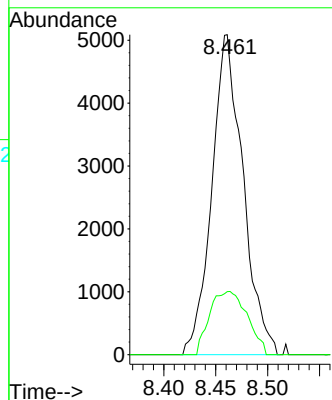
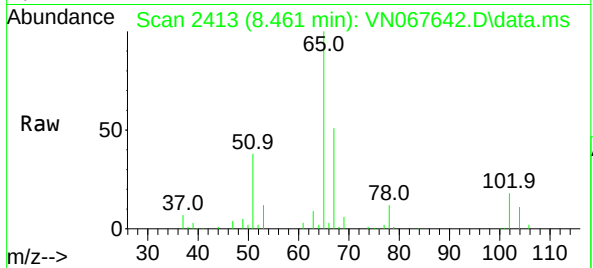




#40  
Benzene  
Concen: 0.622 ug/l  
RT: 8.461 min Scan# 2413  
Delta R.T. 0.000 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

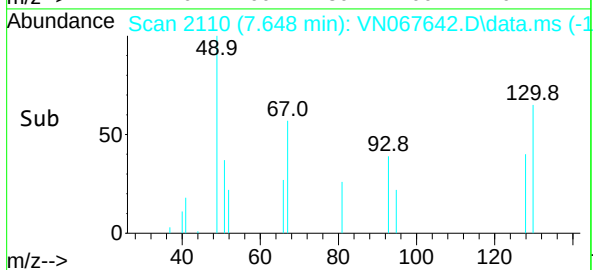
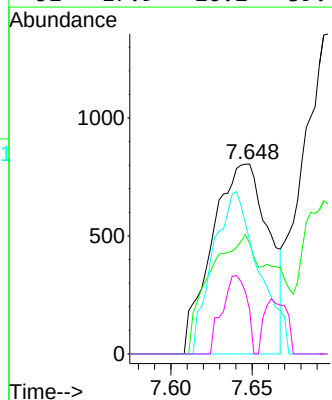
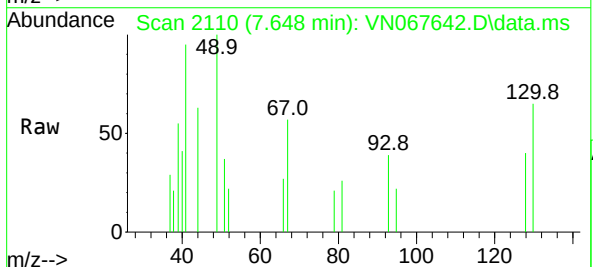
Instrument :  
MSVOA\_N  
ClientSampled :

Tgt Ion: 78 Resp: 10640  
Ion Ratio Lower Upper  
78 100  
77 19.7 18.9 28.3

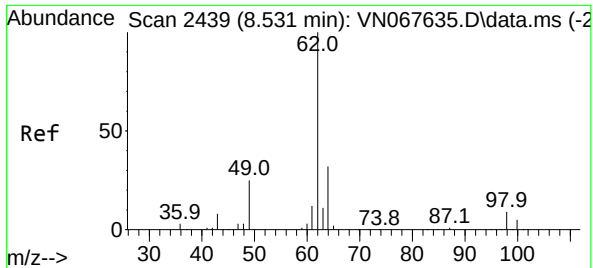


#41  
Methacrylonitrile  
Concen: 0.684 ug/l  
RT: 7.648 min Scan# 2110  
Delta R.T. 0.008 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

Tgt Ion: 41 Resp: 1946  
Ion Ratio Lower Upper  
41 100  
39 53.6 47.6 71.4  
67 69.1 57.7 86.5  
52 17.9 26.2 39.4#







#42

1,2-Dichloroethane

Concen: 0.700 ug/l

RT: 8.531 min Scan# 2439

Delta R.T. -0.000 min

Lab File: VN067642.D

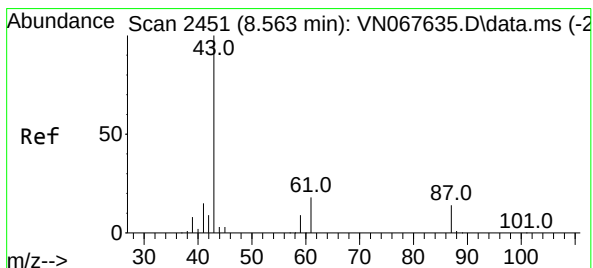
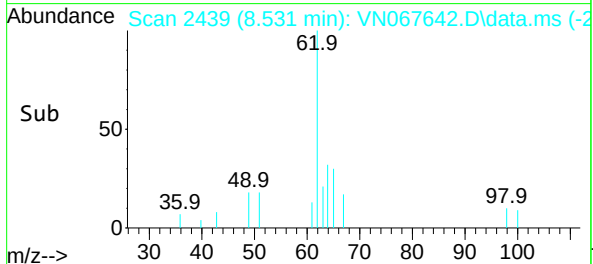
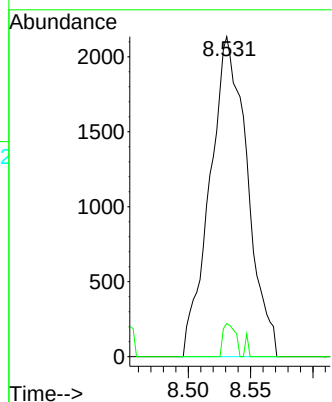
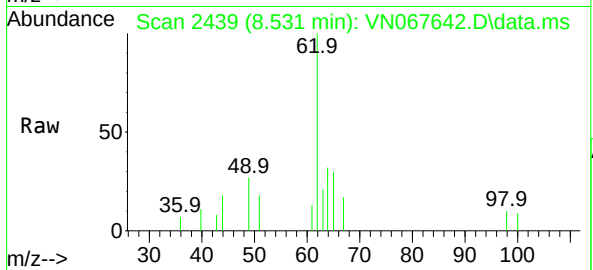
Acq: 7 Jul 2021 18:45

Tgt Ion: 62 Resp: 4448

Ion Ratio Lower Upper

62 100

98 3.4 0.0 14.2



#43

Isopropyl Acetate

Concen: 0.597 ug/l

RT: 8.566 min Scan# 2452

Delta R.T. 0.003 min

Lab File: VN067642.D

Acq: 7 Jul 2021 18:45

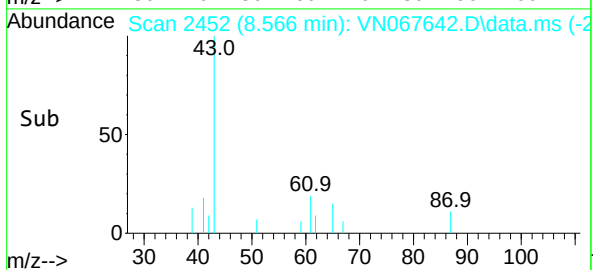
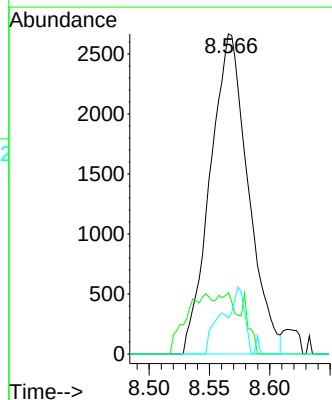
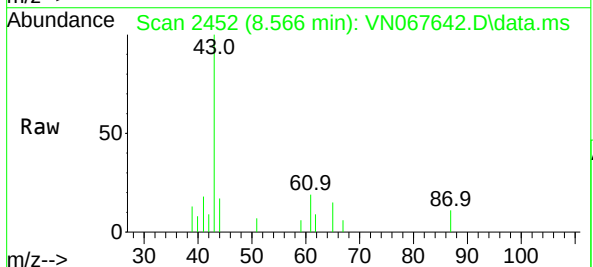
Tgt Ion: 43 Resp: 5816

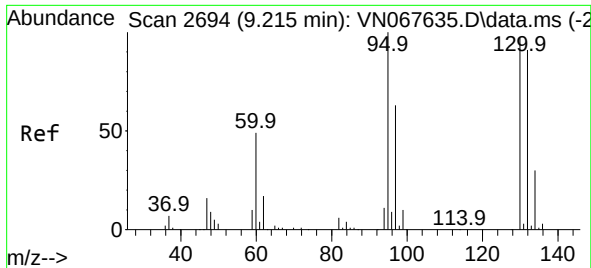
Ion Ratio Lower Upper

43 100

61 13.1 19.0 28.4#

87 5.5 9.5 14.3#

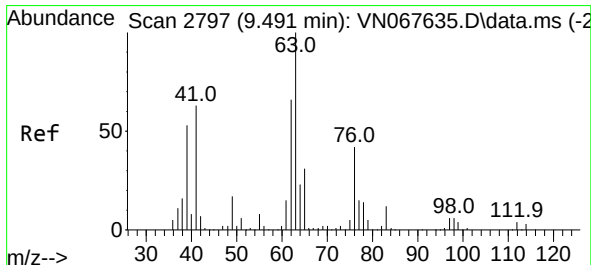
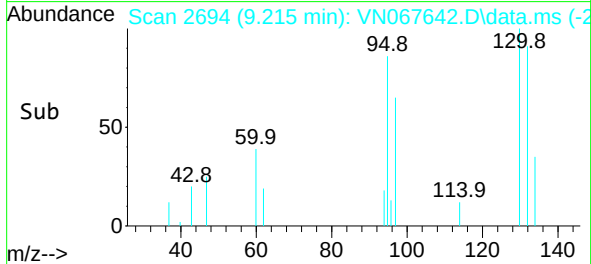
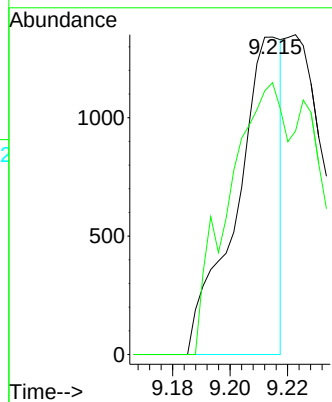
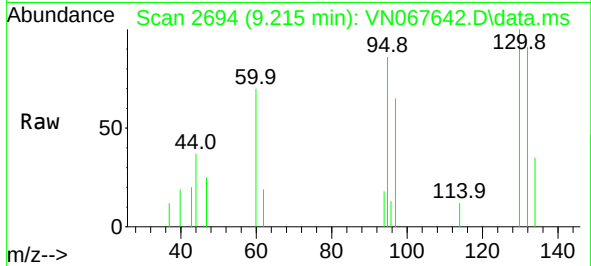




#44  
Trichloroethene  
Concen: 0.337 ug/l  
RT: 9.215 min Scan# 2694  
Delta R.T. -0.000 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

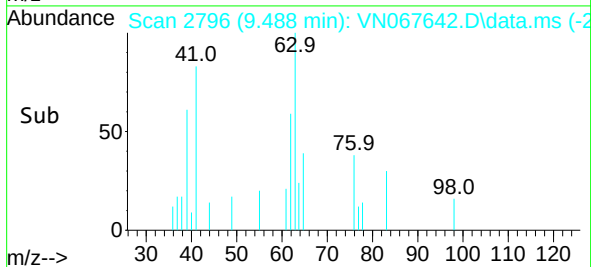
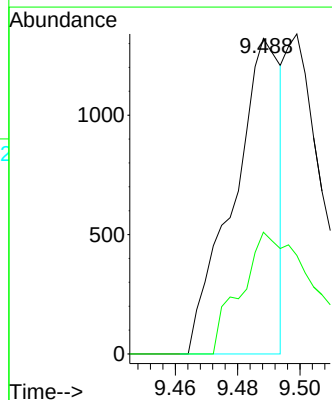
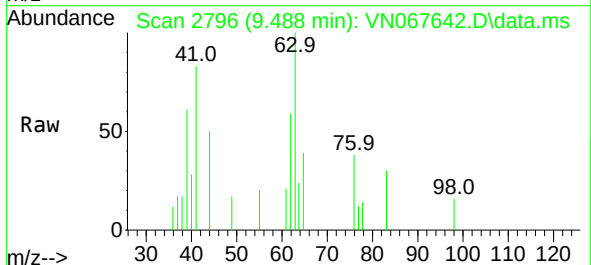
Instrument :  
MSVOA\_N  
ClientSampled :

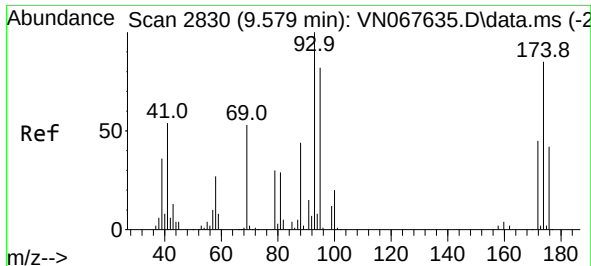
Tgt Ion:130 Resp: 1465  
Ion Ratio Lower Upper  
130 100  
95 85.6 0.0 234.4



#45  
1,2-Dichloropropane  
Concen: 0.322 ug/l  
RT: 9.488 min Scan# 2796  
Delta R.T. -0.003 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

Tgt Ion: 63 Resp: 1394  
Ion Ratio Lower Upper  
63 100  
65 38.6 24.3 36.5#

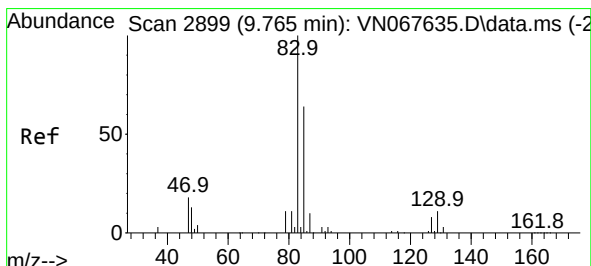
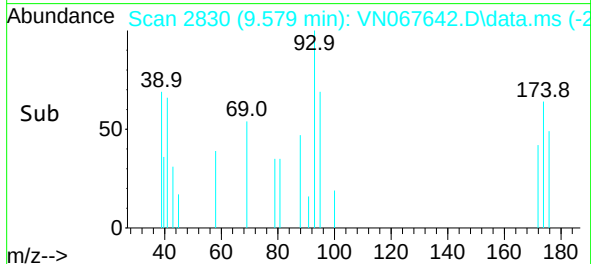
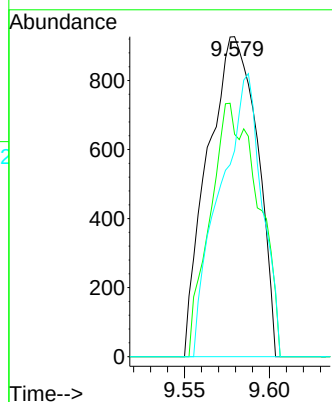
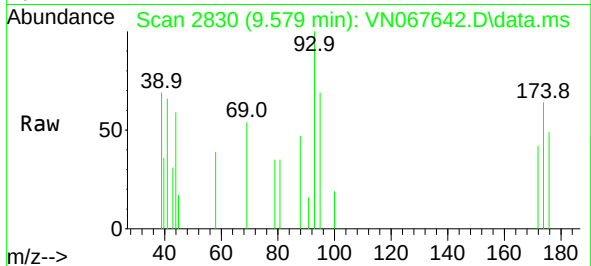




#46  
Dibromomethane  
Concen: 0.613 ug/l  
RT: 9.579 min Scan# 2830  
Delta R.T. 0.000 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

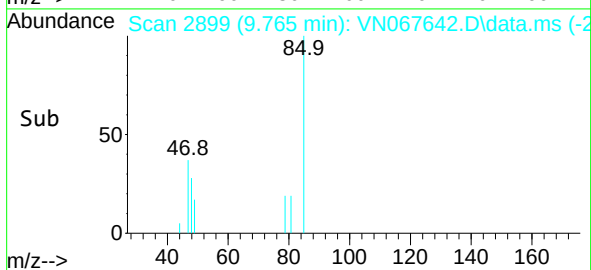
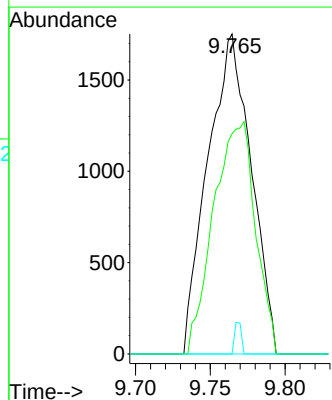
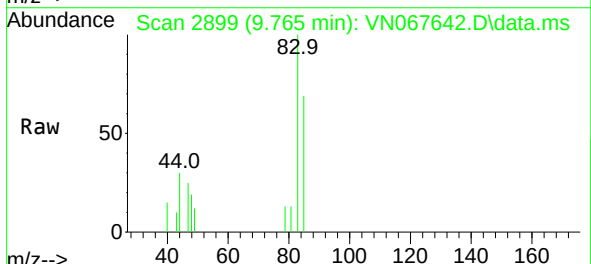
Instrument :  
MSVOA\_N  
ClientSampled :

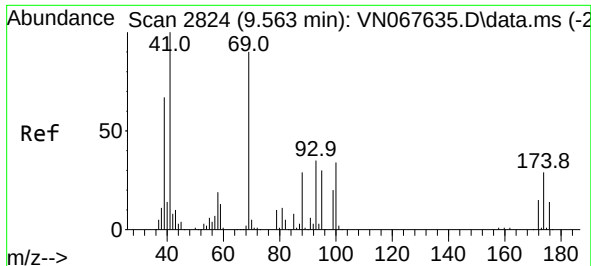
Tgt Ion: 93 Resp: 1884  
Ion Ratio Lower Upper  
93 100  
95 76.2 66.1 99.1  
174 74.6 61.0 91.4



#47  
Bromodichloromethane  
Concen: 0.588 ug/l  
RT: 9.765 min Scan# 2899  
Delta R.T. -0.000 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

Tgt Ion: 83 Resp: 3532  
Ion Ratio Lower Upper  
83 100  
85 68.8 49.9 74.9  
127 0.0 6.1 9.1#





#48

Methyl methacrylate

Concen: 0.679 ug/l

RT: 9.563 min Scan# 2824

Delta R.T. 0.000 min

Lab File: VN067642.D

Acq: 7 Jul 2021 18:45

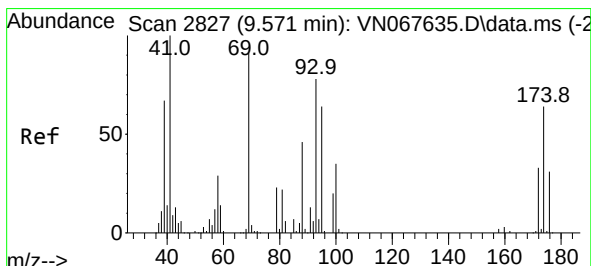
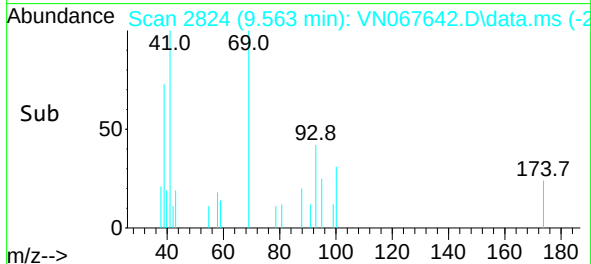
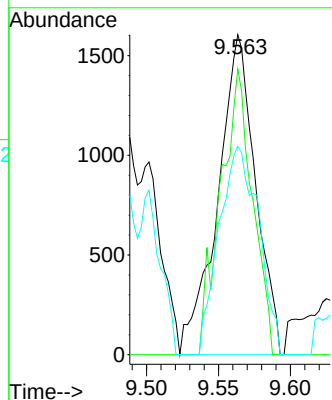
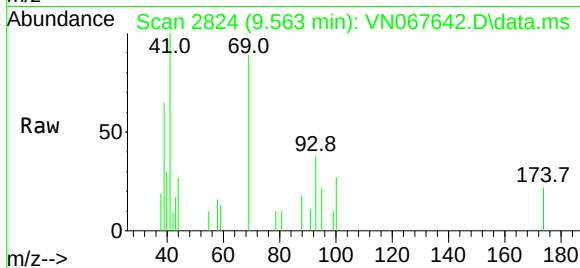
Tgt Ion: 41 Resp: 2924

Ion Ratio Lower Upper

41 100

69 75.4 64.6 96.8

39 68.6 53.3 79.9



#49

1,4-Dioxane

Concen: 11.933 ug/l

RT: 9.571 min Scan# 2827

Delta R.T. 0.000 min

Lab File: VN067642.D

Acq: 7 Jul 2021 18:45

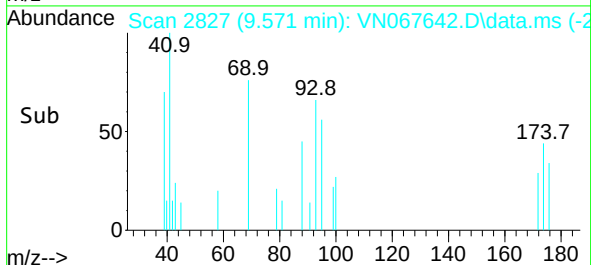
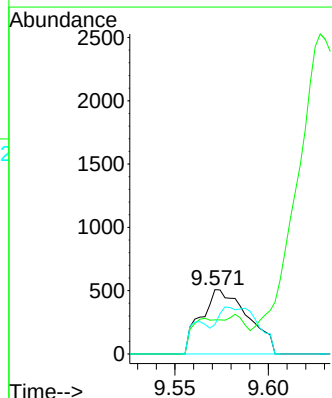
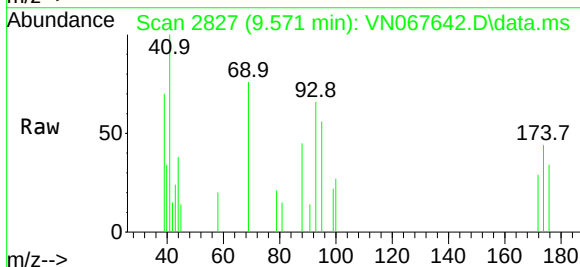
Tgt Ion: 88 Resp: 891

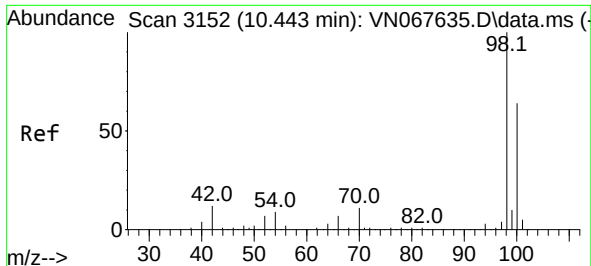
Ion Ratio Lower Upper

88 100

43 0.0 28.8 43.2#

58 63.1 60.4 90.6

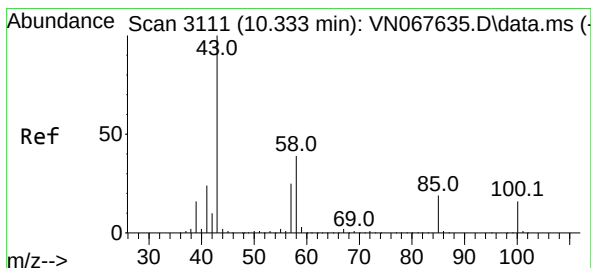
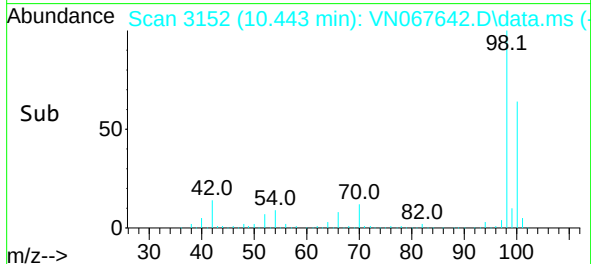
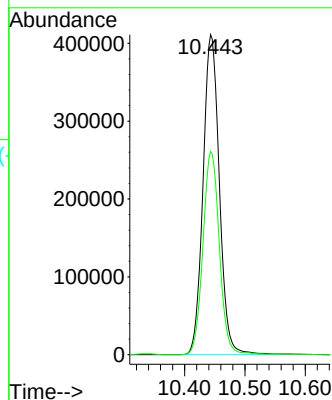
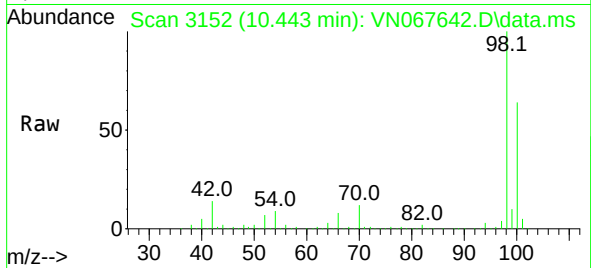




#50  
Toluene-d8  
Concen: 49.741 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

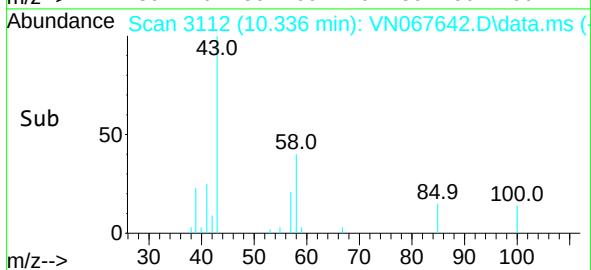
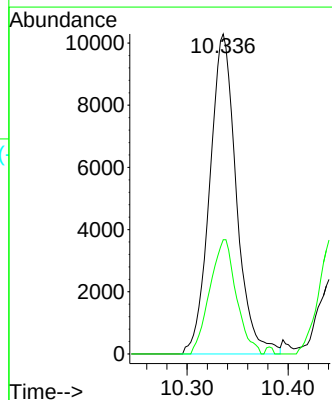
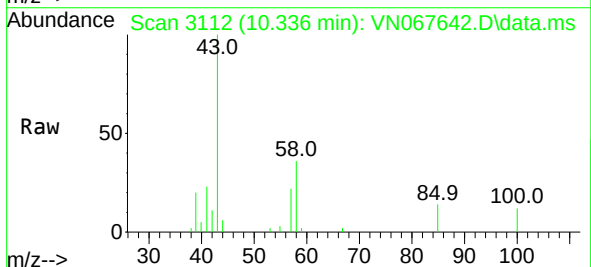
Instrument :  
MSVOA\_N  
ClientSampled :

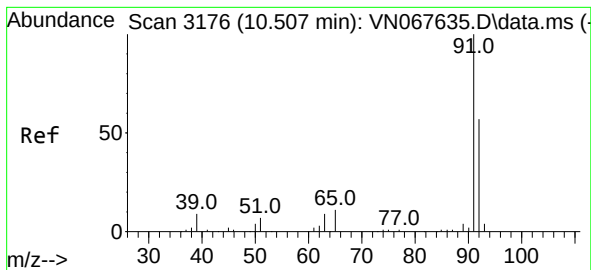
Tgt Ion: 98 Resp: 773888  
Ion Ratio Lower Upper  
98 100  
100 63.8 51.7 77.5



#51  
4-Methyl-2-Pentanone  
Concen: 3.145 ug/l  
RT: 10.336 min Scan# 3112  
Delta R.T. 0.003 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

Tgt Ion: 43 Resp: 18819  
Ion Ratio Lower Upper  
43 100  
58 35.5 28.6 43.0





#52

Toluene

Concen: 0.578 ug/l

RT: 10.507 min Scan# 3176

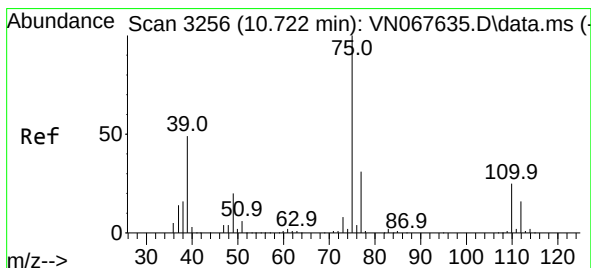
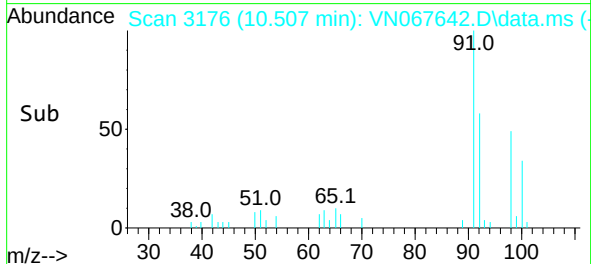
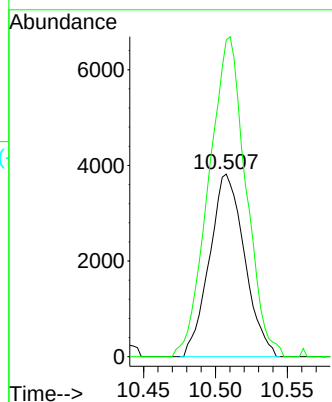
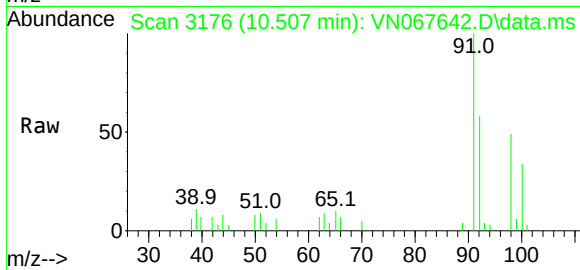
Delta R.T. 0.000 min

Lab File: VN067642.D

Acq: 7 Jul 2021 18:45

Tgt Ion: 92 Resp: 6479

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 92  | 100   |       |       |
| 91  | 185.2 | 139.6 | 209.4 |



#53

t-1,3-Dichloropropene

Concen: 0.521 ug/l

RT: 10.722 min Scan# 3256

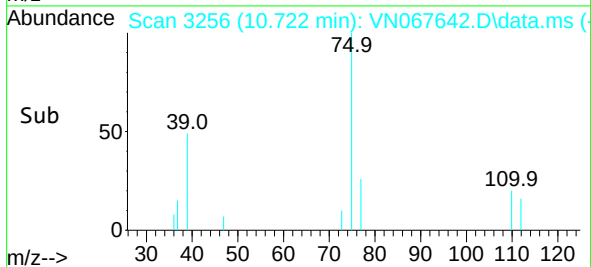
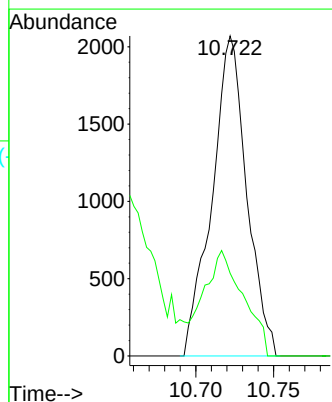
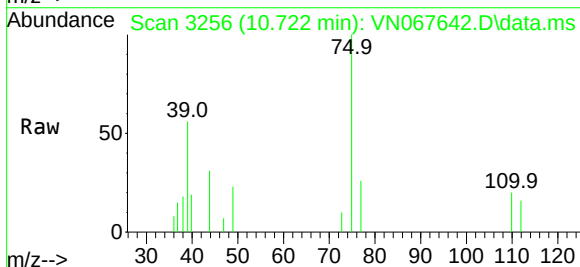
Delta R.T. -0.000 min

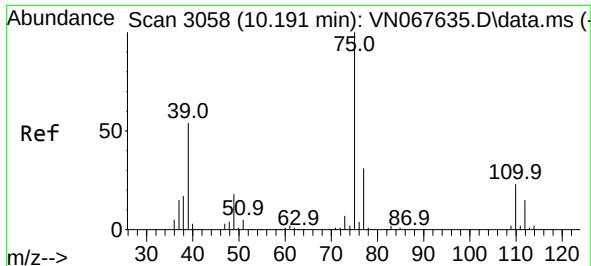
Lab File: VN067642.D

Acq: 7 Jul 2021 18:45

Tgt Ion: 75 Resp: 3211

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 25.8  | 25.1  | 37.7  |

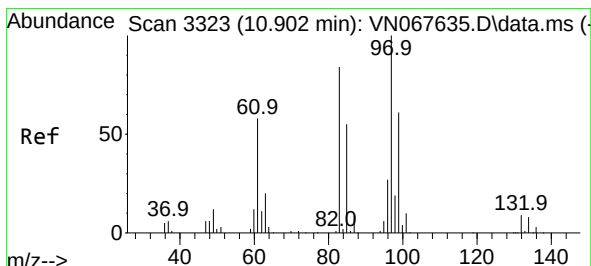
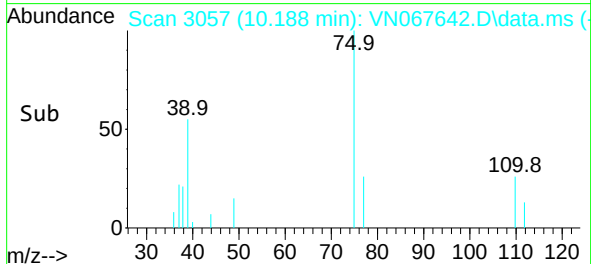
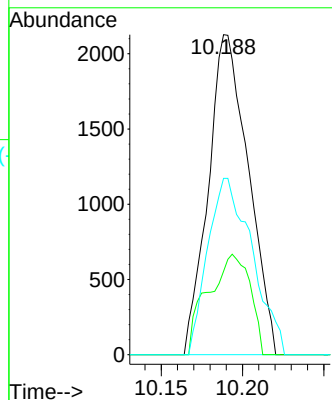
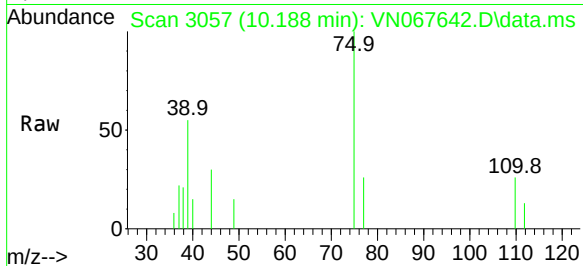




#54  
cis-1,3-Dichloropropene  
Concen: 0.545 ug/l  
RT: 10.188 min Scan# 3057  
Delta R.T. -0.003 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

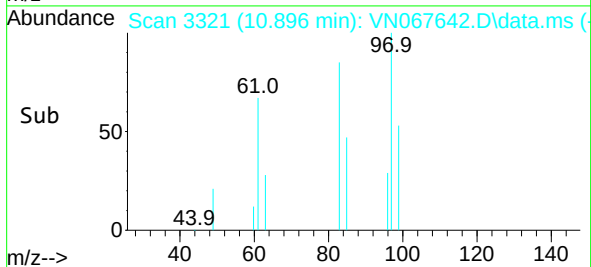
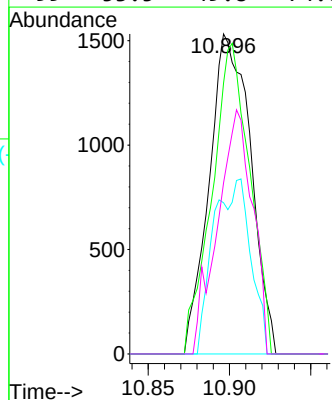
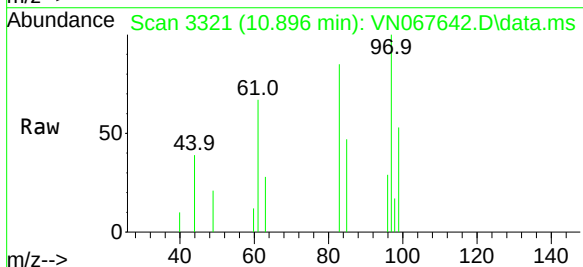
Instrument :  
MSVOA\_N  
ClientSampleId :

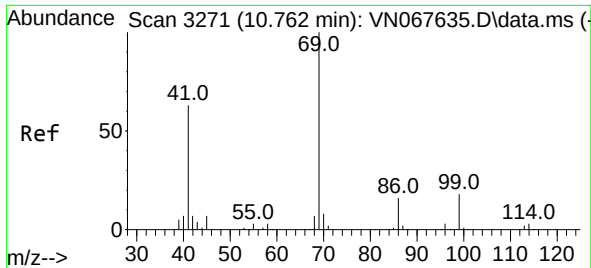
Tgt Ion: 75 Resp: 3644  
Ion Ratio Lower Upper  
75 100  
77 26.0 24.6 37.0  
39 55.1 50.7 76.1



#55  
1,1,2-Trichloroethane  
Concen: 0.632 ug/l  
RT: 10.896 min Scan# 3321  
Delta R.T. -0.006 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

Tgt Ion: 97 Resp: 2712  
Ion Ratio Lower Upper  
97 100  
83 84.7 72.0 108.0  
85 47.3 46.8 70.2  
99 53.5 49.8 74.6

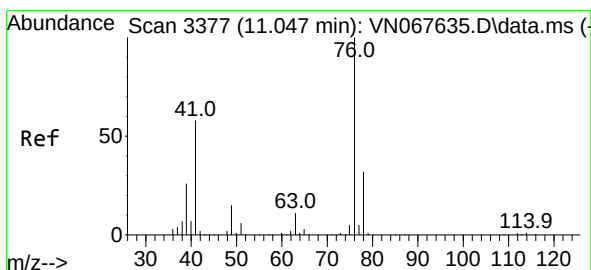
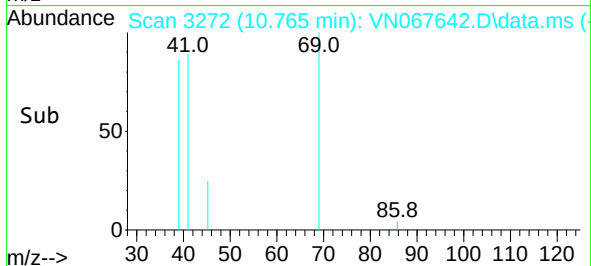
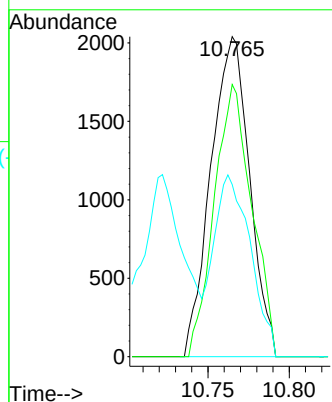
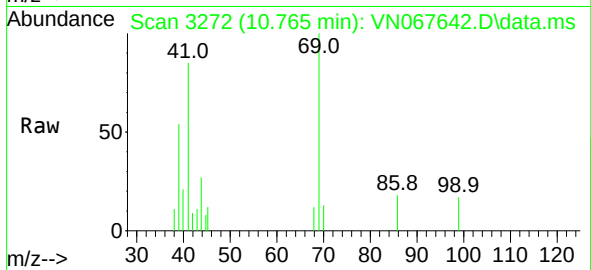




#56  
Ethyl methacrylate  
Concen: 0.512 ug/l  
RT: 10.765 min Scan# 3272  
Delta R.T. 0.003 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

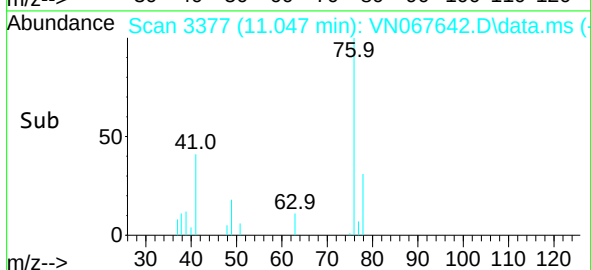
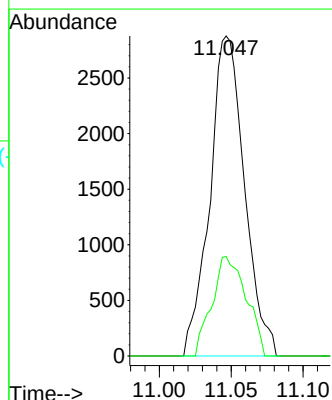
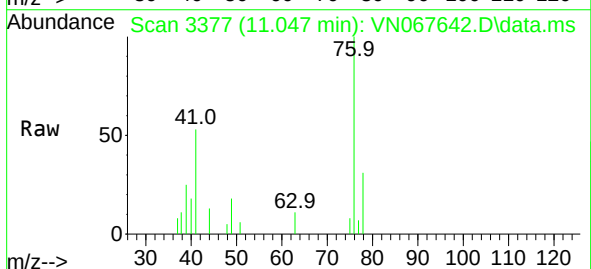
Instrument :  
MSVOA\_N  
ClientSampled :

Tgt Ion: 69 Resp: 3388  
Ion Ratio Lower Upper  
69 100  
41 82.3 58.6 88.0  
39 54.0 38.3 57.5

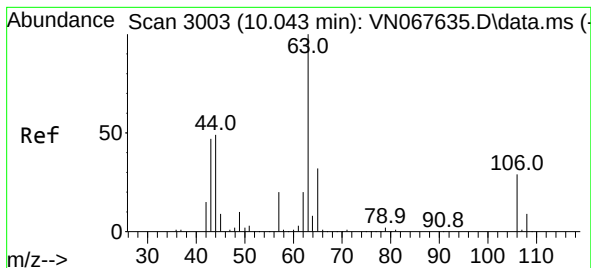


#57  
1,3-Dichloropropane  
Concen: 0.655 ug/l  
RT: 11.047 min Scan# 3377  
Delta R.T. -0.001 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

Tgt Ion: 76 Resp: 4821  
Ion Ratio Lower Upper  
76 100  
78 30.7 25.7 38.5



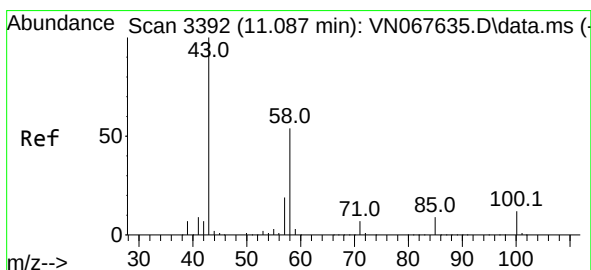
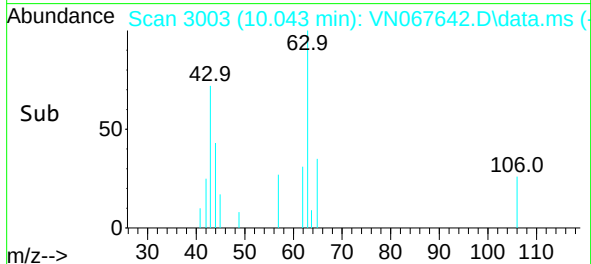
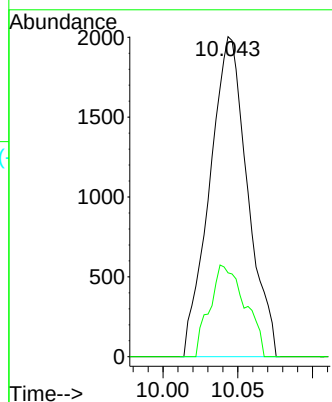
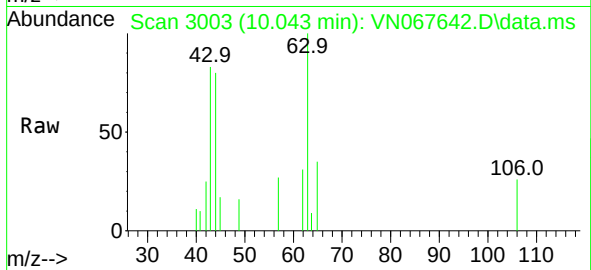




#58  
2-Chloroethyl Vinyl ether  
Concen: 2.576 ug/l  
RT: 10.043 min Scan# 3003  
Delta R.T. 0.000 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

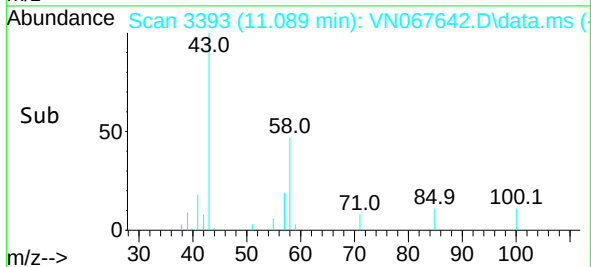
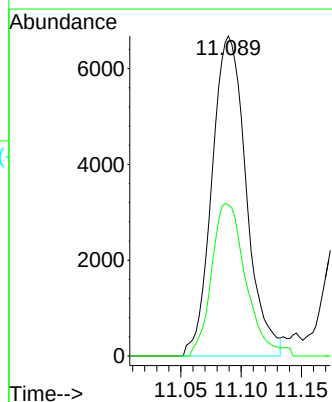
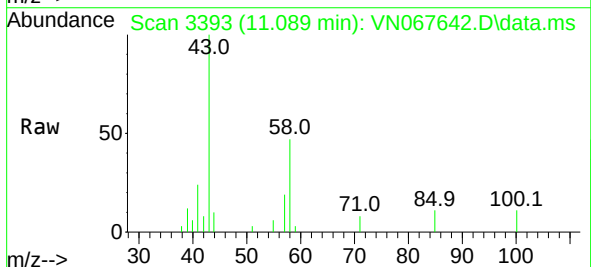
Instrument :  
MSVOA\_N  
ClientSampled :

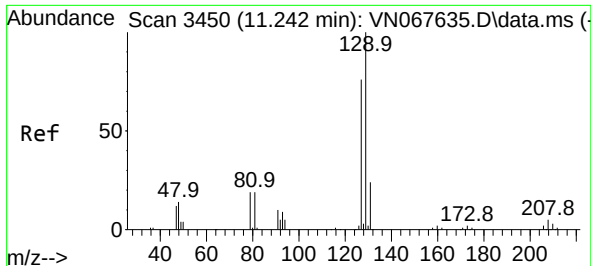
Tgt Ion: 63 Resp: 3534  
Ion Ratio Lower Upper  
63 100  
106 26.6 19.8 29.8



#59  
2-Hexanone  
Concen: 3.158 ug/l  
RT: 11.089 min Scan# 3393  
Delta R.T. 0.002 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

Tgt Ion: 43 Resp: 13190  
Ion Ratio Lower Upper  
43 100  
58 47.6 24.7 74.1

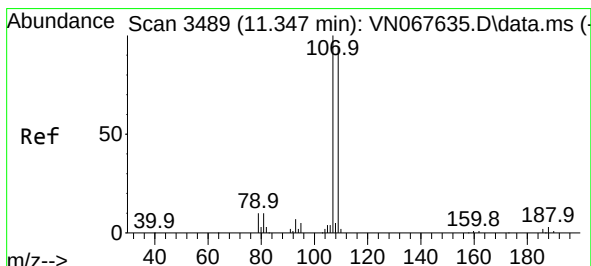
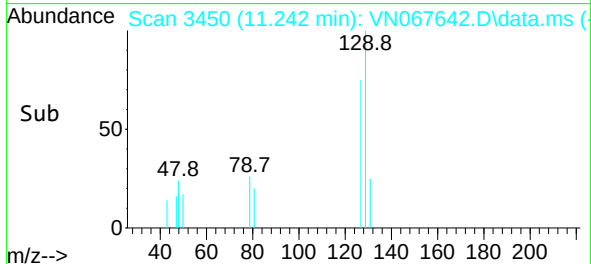
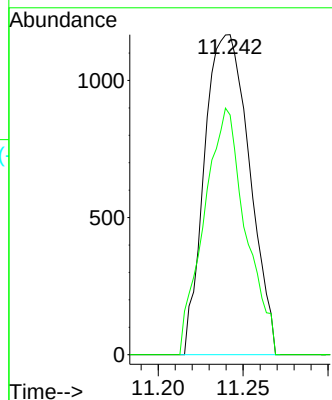
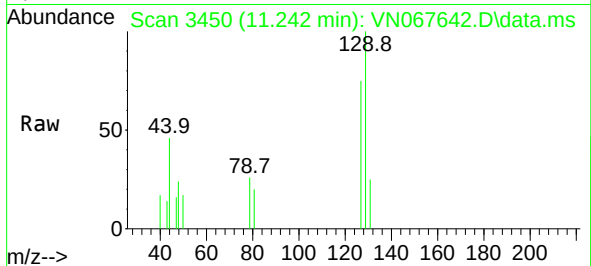




#60  
Dibromochloromethane  
Concen: 0.492 ug/l  
RT: 11.242 min Scan# 3450  
Delta R.T. 0.000 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

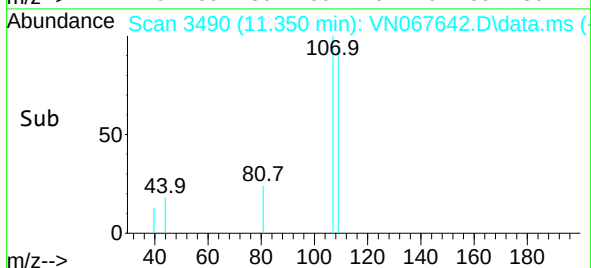
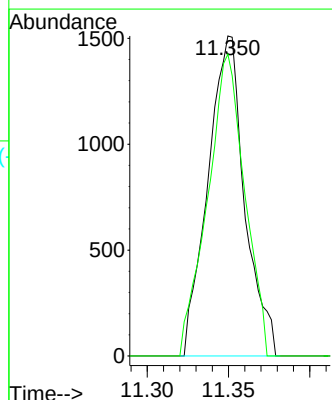
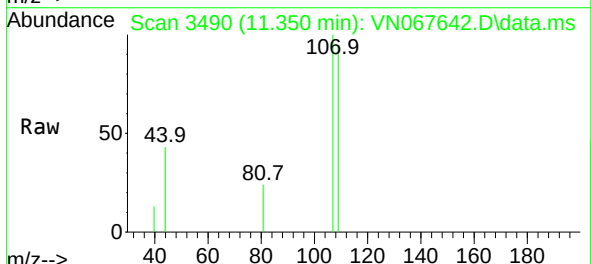
Instrument :  
MSVOA\_N  
ClientSampled :

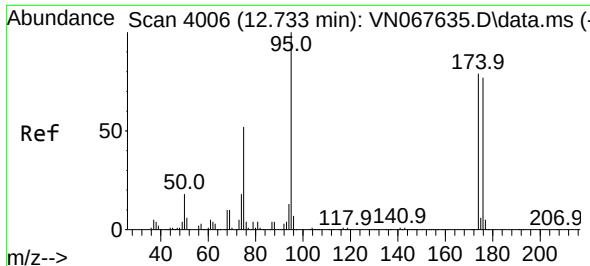
Tgt Ion:129 Resp: 2147  
Ion Ratio Lower Upper  
129 100  
127 71.4 38.6 115.8



#61  
1,2-Dibromoethane  
Concen: 0.542 ug/l  
RT: 11.350 min Scan# 3490  
Delta R.T. 0.003 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

Tgt Ion:107 Resp: 2377  
Ion Ratio Lower Upper  
107 100  
109 95.0 75.0 112.4

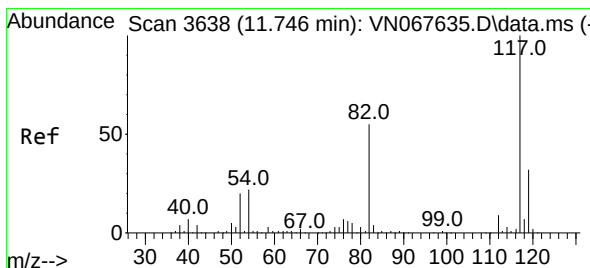
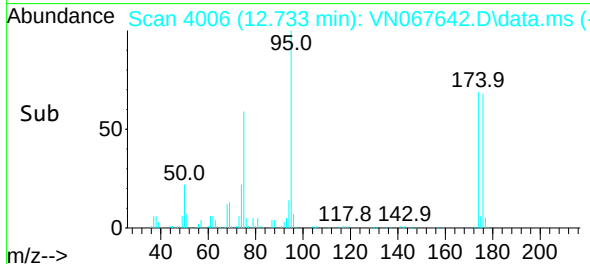
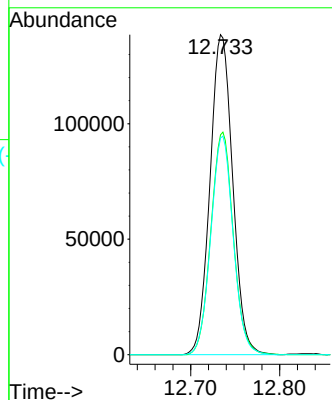
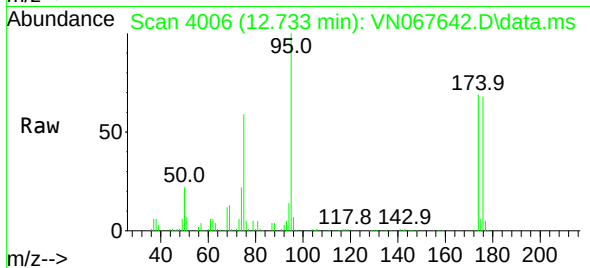




#62  
4-Bromofluorobenzene  
Concen: 44.699 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. 0.000 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

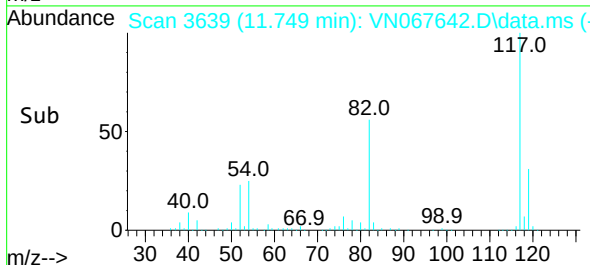
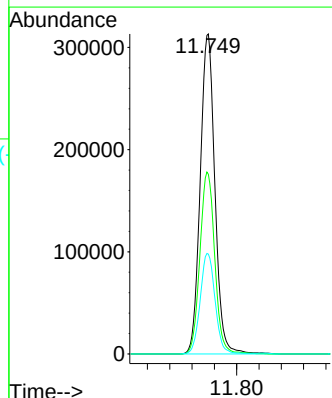
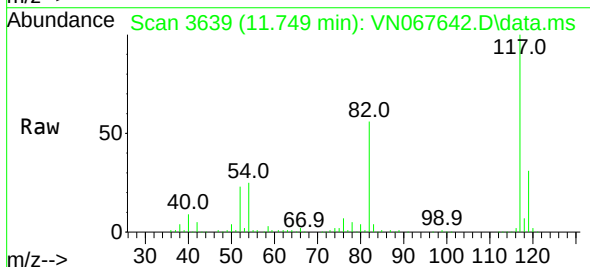
Instrument :  
MSVOA\_N  
ClientSampleId :

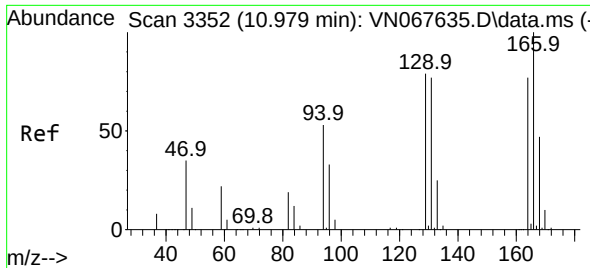
Tgt Ion: 95 Resp: 245667  
Ion Ratio Lower Upper  
95 100  
174 69.0 0.0 122.0  
176 67.5 0.0 117.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.749 min Scan# 3639  
Delta R.T. 0.003 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

Tgt Ion: 117 Resp: 572603  
Ion Ratio Lower Upper  
117 100  
82 56.1 53.1 79.7  
119 31.2 25.5 38.3

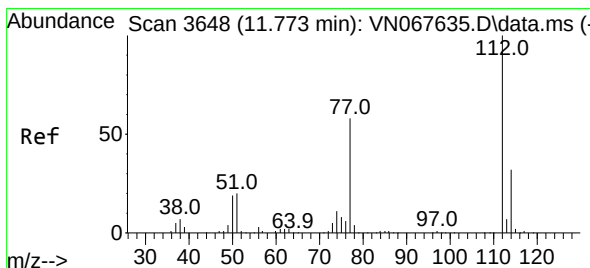
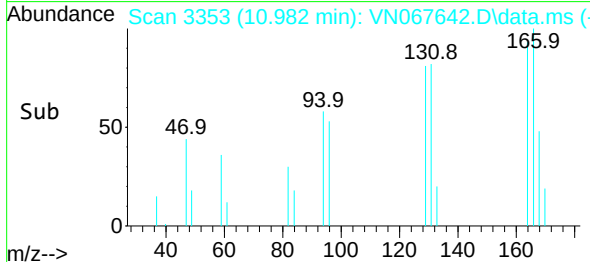
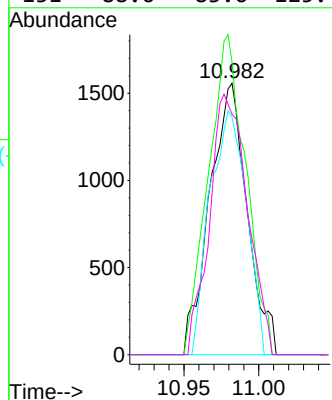
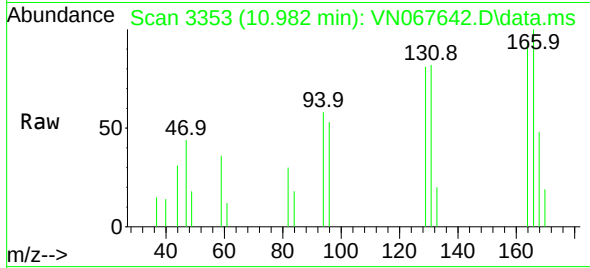




#64  
Tetrachloroethene  
Concen: 0.670 ug/l  
RT: 10.982 min Scan# 3353  
Delta R.T. 0.003 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

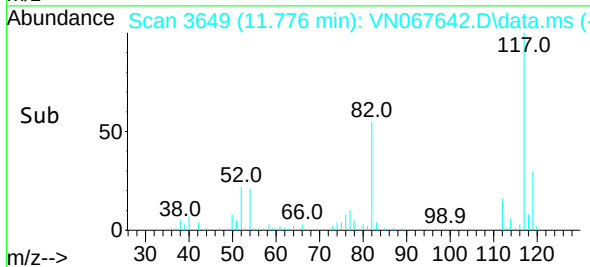
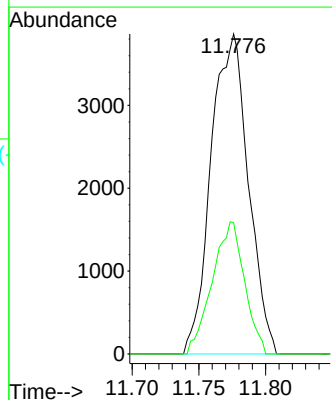
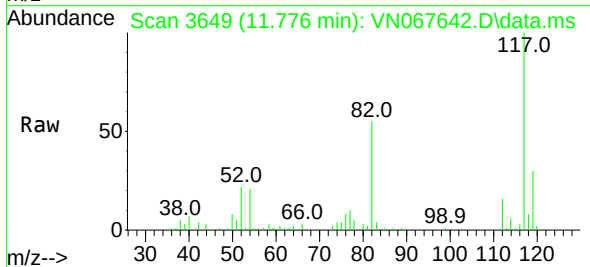
Instrument :  
MSVOA\_N  
ClientSampleId :

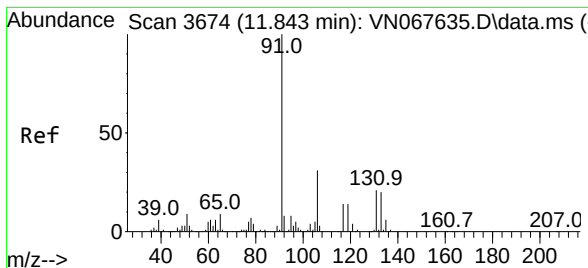
Tgt Ion:164 Resp: 2710  
Ion Ratio Lower Upper  
164 100  
166 107.8 102.1 153.1  
129 87.5 86.9 130.3  
131 88.6 83.6 125.4



#65  
Chlorobenzene  
Concen: 0.637 ug/l  
RT: 11.776 min Scan# 3649  
Delta R.T. 0.003 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

Tgt Ion:112 Resp: 7492  
Ion Ratio Lower Upper  
112 100  
114 41.1 24.6 37.0#

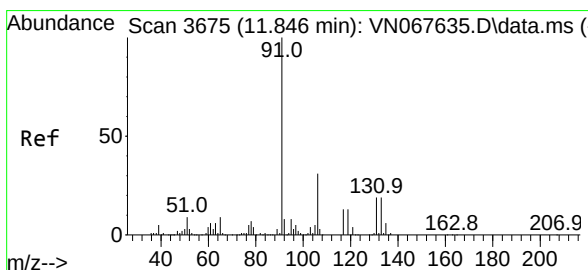
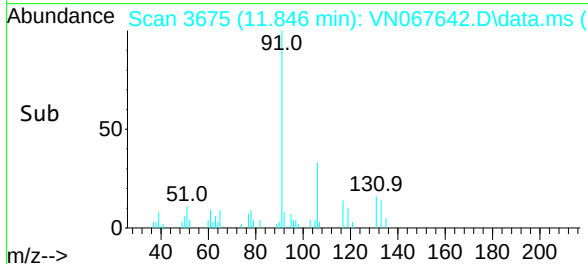
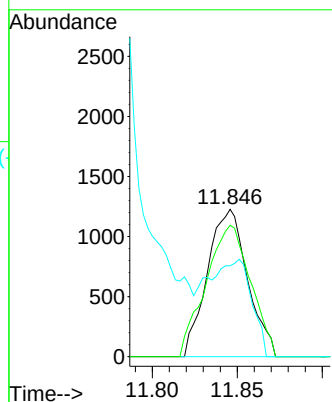
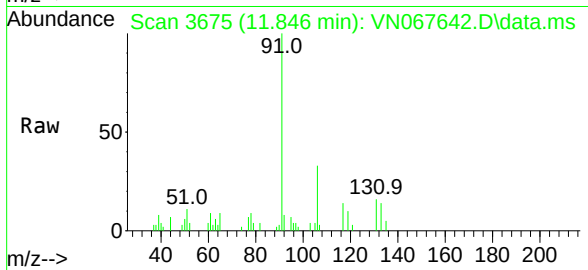




#66  
1,1,1,2-Tetrachloroethane  
Concen: 0.487 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. 0.003 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

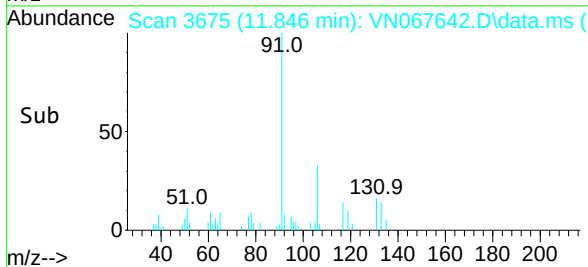
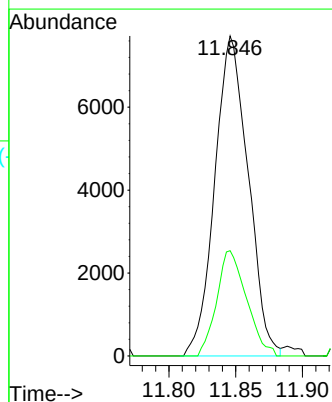
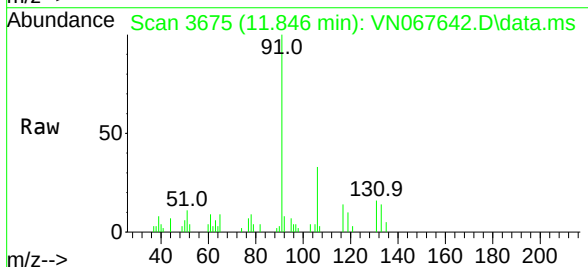
Instrument :  
MSVOA\_N  
ClientSampled :

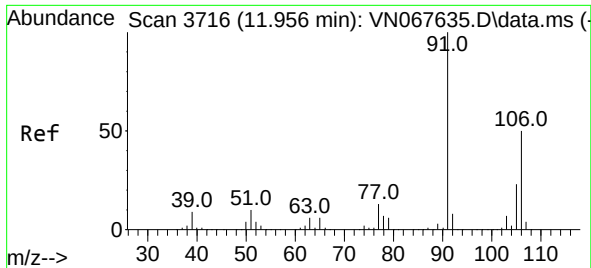
Tgt Ion:131 Resp: 2016  
Ion Ratio Lower Upper  
131 100  
133 99.0 47.5 142.5  
119 0.0 33.1 99.3#



#67  
Ethyl Benzene  
Concen: 0.628 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. -0.000 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

Tgt Ion: 91 Resp: 13438  
Ion Ratio Lower Upper  
91 100  
106 32.9 23.4 35.0

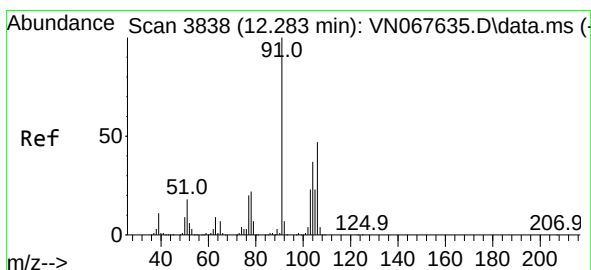
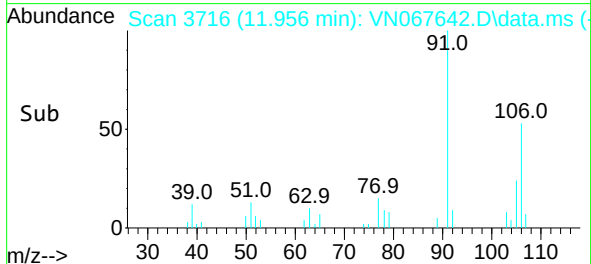
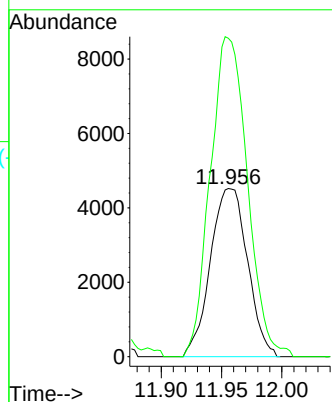
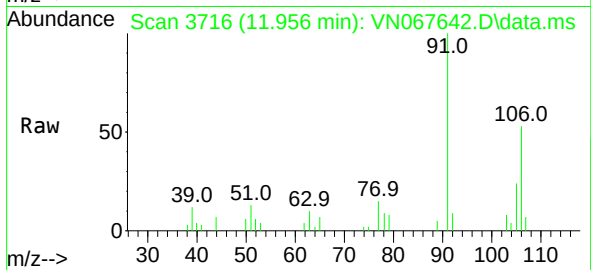




#68  
m/p-Xylenes  
Concen: 1.198 ug/l  
RT: 11.956 min Scan# 3716  
Delta R.T. -0.000 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

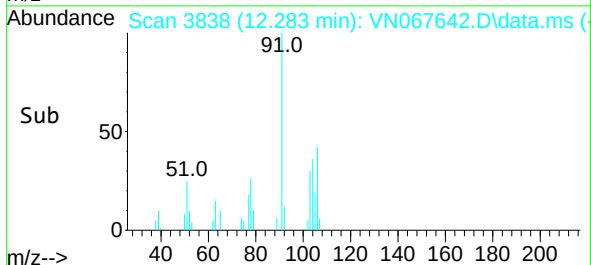
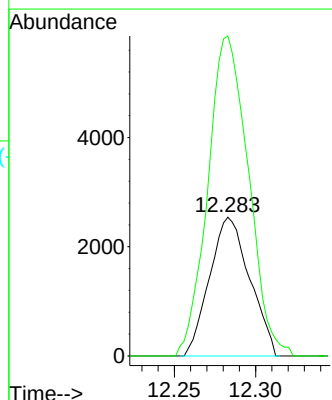
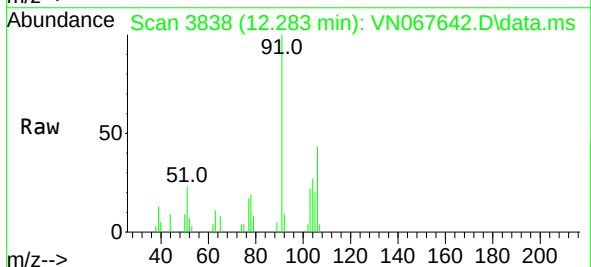
Instrument :  
MSVOA\_N  
ClientSampleId :

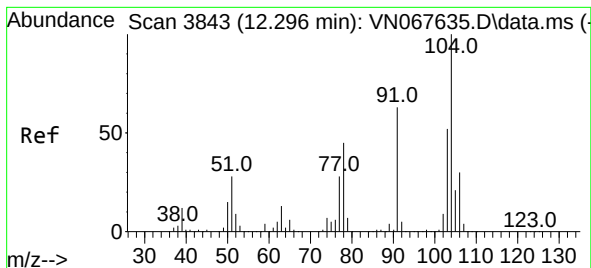
Tgt Ion:106 Resp: 9700  
Ion Ratio Lower Upper  
106 100  
91 189.9 180.6 270.8



#69  
o-Xylene  
Concen: 0.549 ug/l  
RT: 12.283 min Scan# 3838  
Delta R.T. -0.000 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

Tgt Ion:106 Resp: 4368  
Ion Ratio Lower Upper  
106 100  
91 232.6 118.3 354.9





#70

Styrene

Concen: 0.535 ug/l

RT: 12.299 min Scan# 3844

Delta R.T. 0.003 min

Lab File: VN067642.D

Acq: 7 Jul 2021 18:45

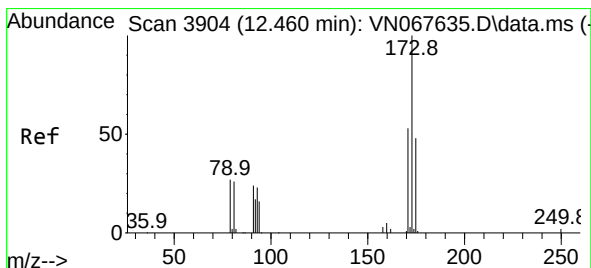
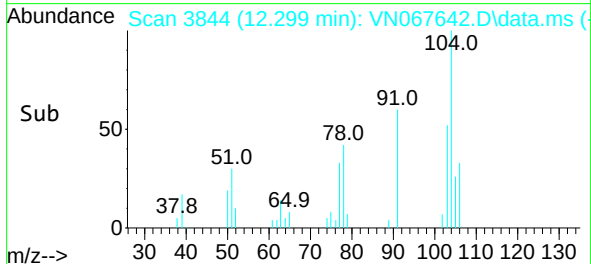
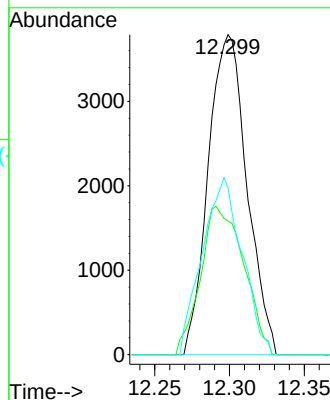
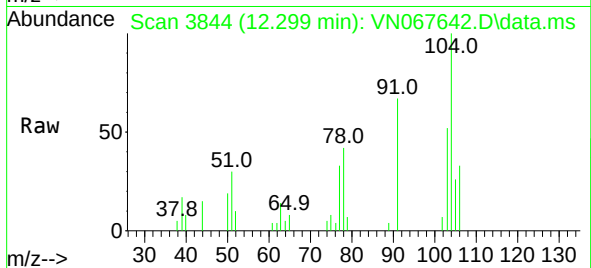
Tgt Ion:104 Resp: 6819

Ion Ratio Lower Upper

104 100

78 52.0 48.2 72.2

103 57.1 44.5 66.7



#71

Bromoform

Concen: 0.477 ug/l

RT: 12.460 min Scan# 3904

Delta R.T. -0.000 min

Lab File: VN067642.D

Acq: 7 Jul 2021 18:45

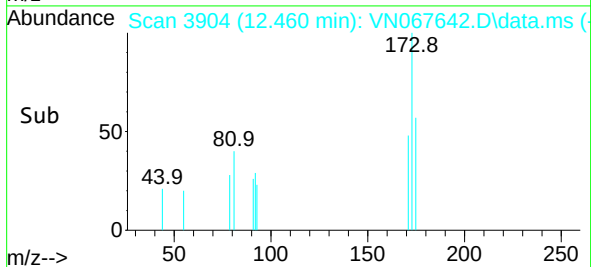
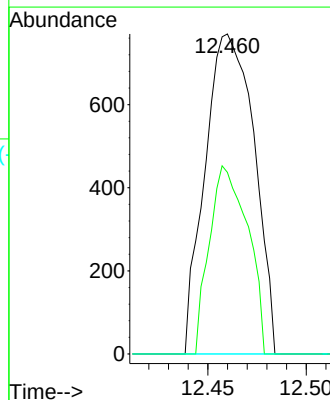
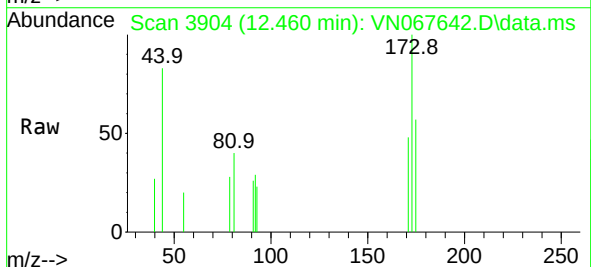
Tgt Ion:173 Resp: 1333

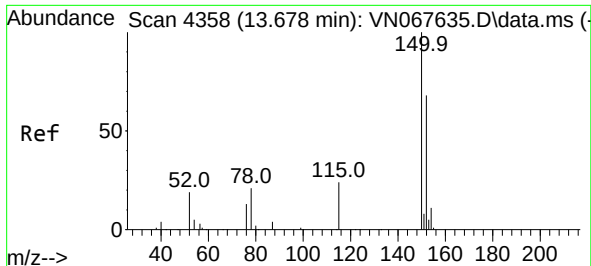
Ion Ratio Lower Upper

173 100

175 45.9 23.9 71.8

254 0.0 0.0 0.0

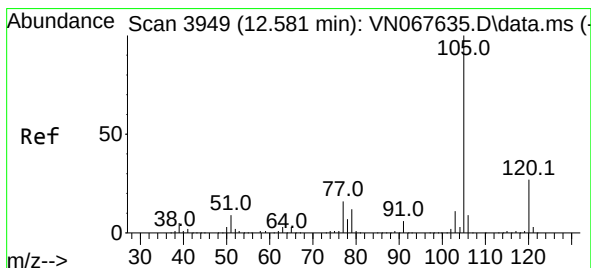
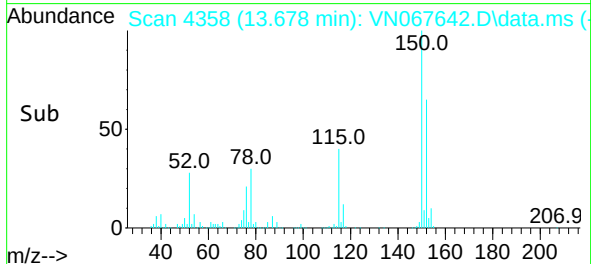
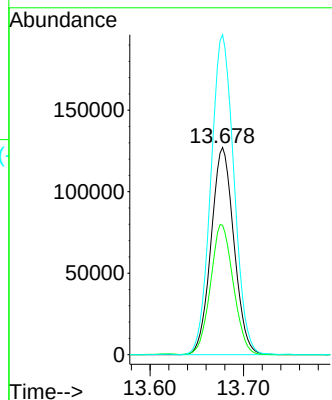
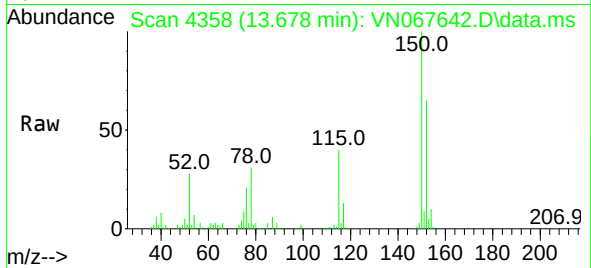




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.678 min Scan# 4358  
Delta R.T. -0.000 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

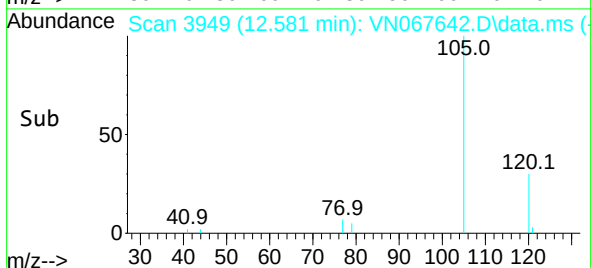
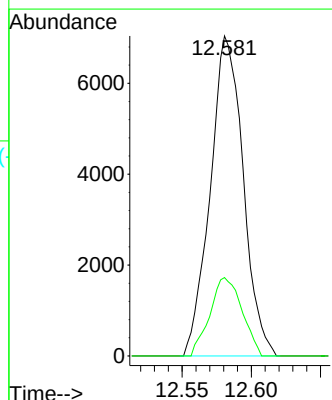
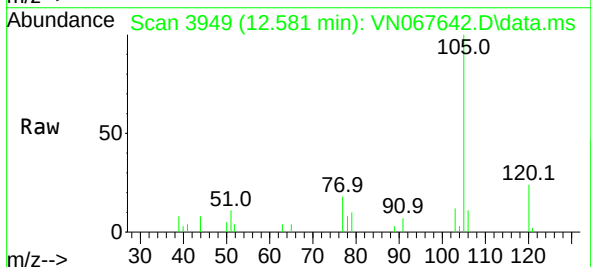
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:152 Resp: 216141  
Ion Ratio Lower Upper  
152 100  
115 62.8 36.1 108.5  
150 156.4 0.0 351.8

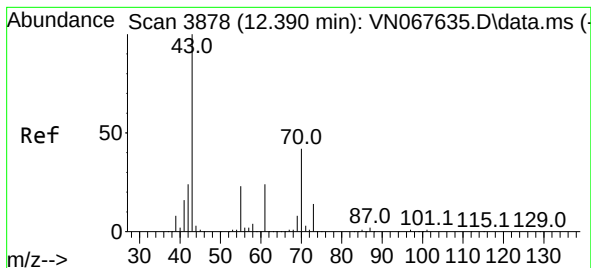


#73  
Isopropylbenzene  
Concen: 0.667 ug/l  
RT: 12.581 min Scan# 3949  
Delta R.T. -0.000 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

Tgt Ion:105 Resp: 11633  
Ion Ratio Lower Upper  
105 100  
120 23.9 12.5 37.5



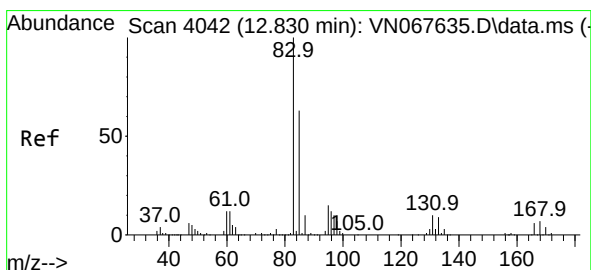
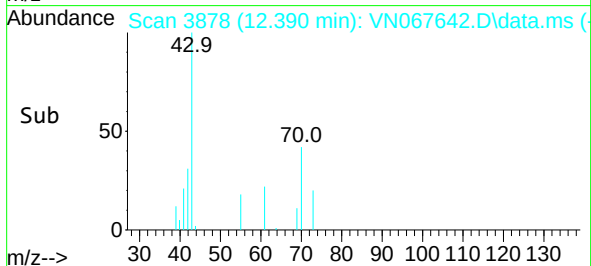
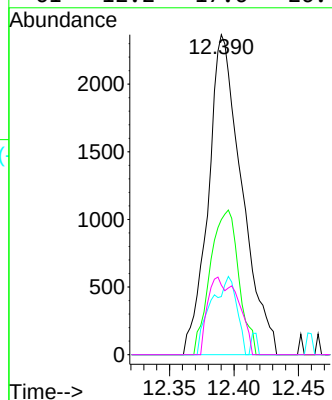
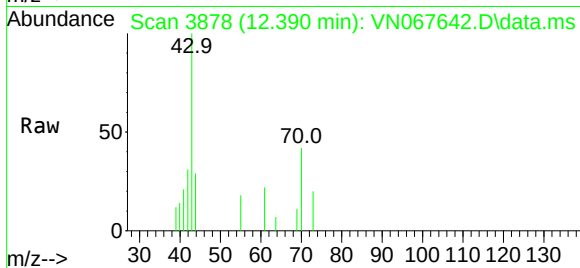




#74  
N-amy1 acetate  
Concen: 0.674 ug/l  
RT: 12.390 min Scan# 3878  
Delta R.T. 0.000 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

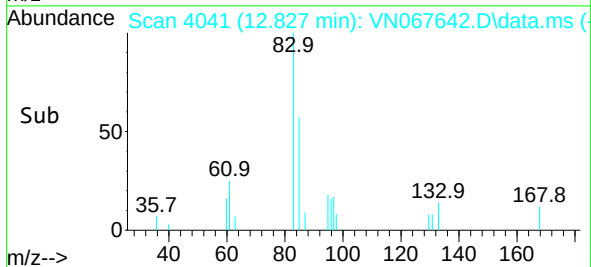
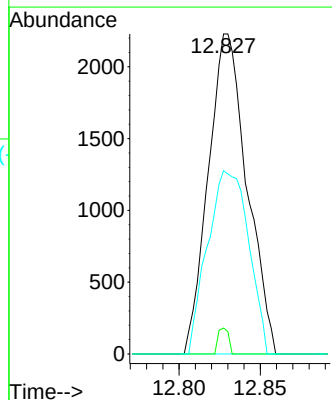
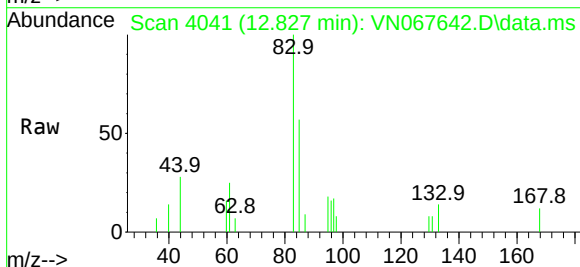
Instrument :  
MSVOA\_N  
ClientSampled :

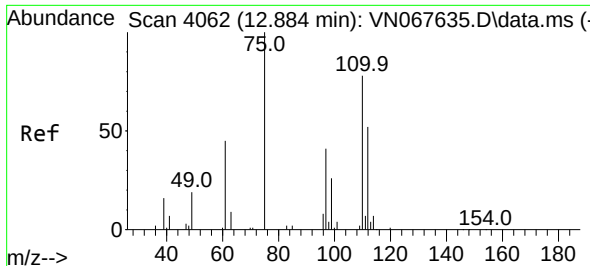
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 4264  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 70       | 38.5  | 29.4  | 44.2  |
| 55       | 18.8  | 17.0  | 25.4  |
| 61       | 12.2  | 17.6  | 26.4  |



#75  
1,1,2,2-Tetrachloroethane  
Concen: 0.729 ug/l  
RT: 12.827 min Scan# 4041  
Delta R.T. -0.003 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 3690  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 2.2   | 4.8   | 14.4  |
| 85       | 60.7  | 32.2  | 96.6  |

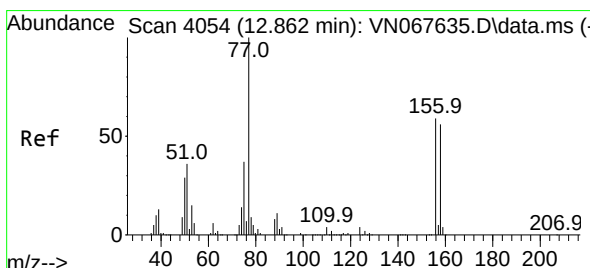
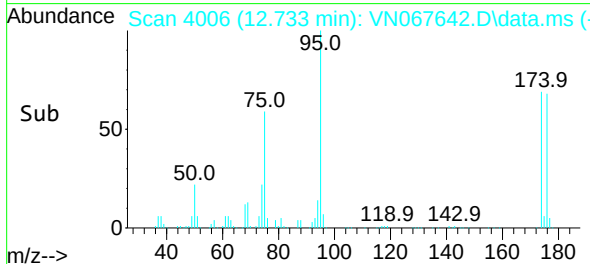
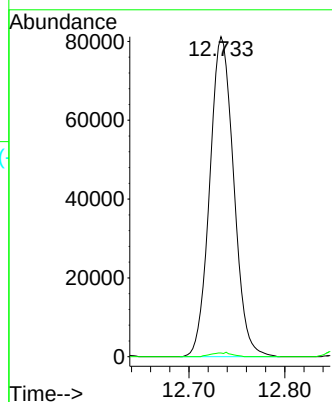
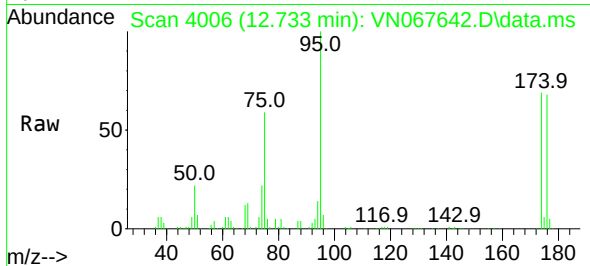




#76  
1,2,3-Trichloropropane  
Concen: 31.998 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. -0.151 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

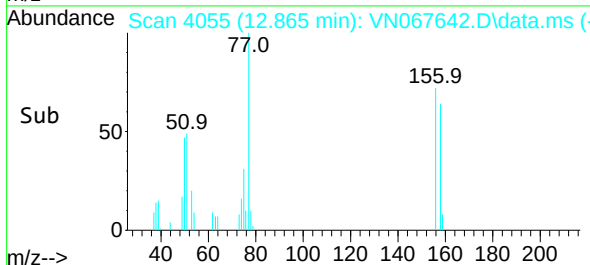
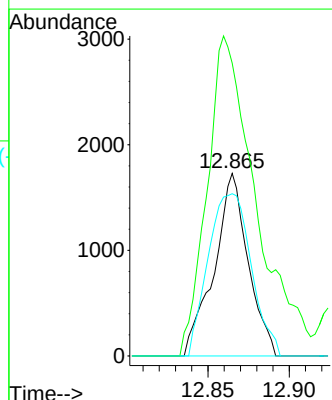
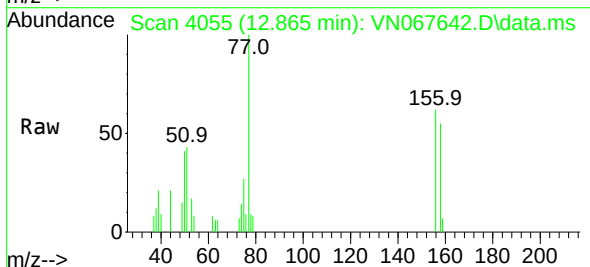
Instrument :  
MSVOA\_N  
ClientSampleId :

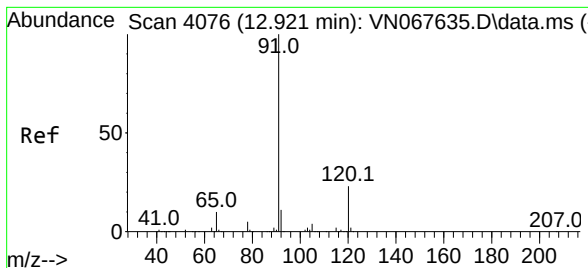
Tgt Ion: 75 Resp: 141237  
Ion Ratio Lower Upper  
75 100  
77 1.1 0.0 0.0#



#77  
Bromobenzene  
Concen: 0.651 ug/l  
RT: 12.865 min Scan# 4055  
Delta R.T. 0.003 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

Tgt Ion:156 Resp: 2513  
Ion Ratio Lower Upper  
156 100  
77 250.2 136.2 408.6  
158 112.7 48.4 145.3

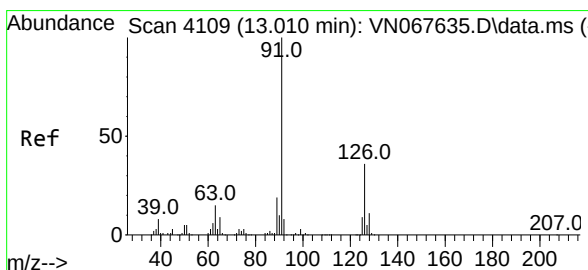
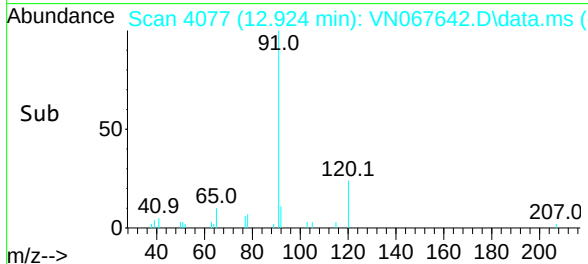
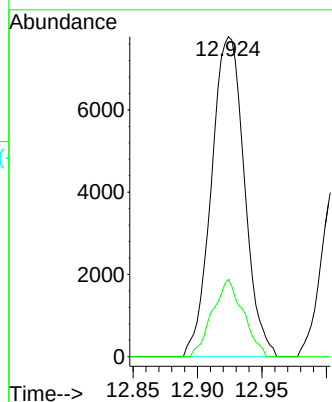
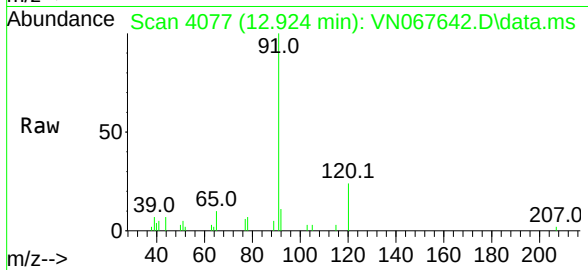




#78  
n-propylbenzene  
Concen: 0.702 ug/l  
RT: 12.924 min Scan# 4077  
Delta R.T. 0.003 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

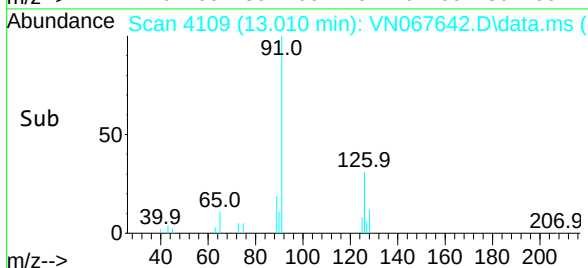
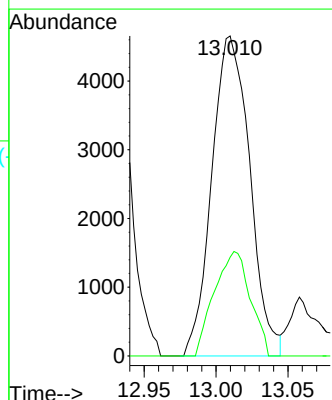
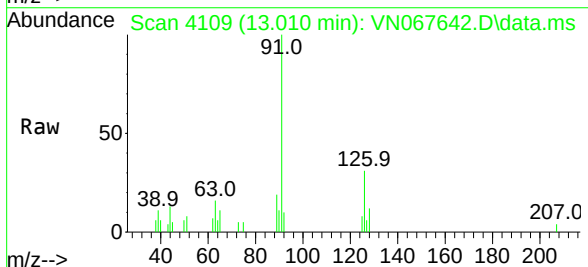
Instrument :  
MSVOA\_N  
ClientSampled :

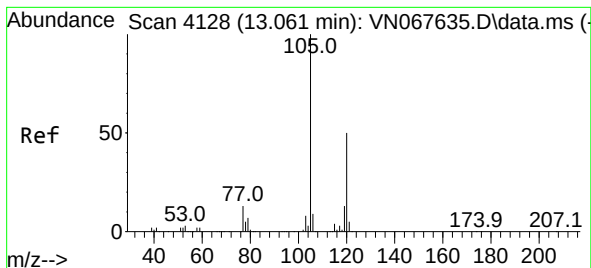
Tgt Ion: 91 Resp: 13837  
Ion Ratio Lower Upper  
91 100  
120 22.6 10.4 31.4



#79  
2-Chlorotoluene  
Concen: 0.719 ug/l  
RT: 13.010 min Scan# 4109  
Delta R.T. -0.000 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

Tgt Ion: 91 Resp: 8565  
Ion Ratio Lower Upper  
91 100  
126 31.0 14.5 43.5

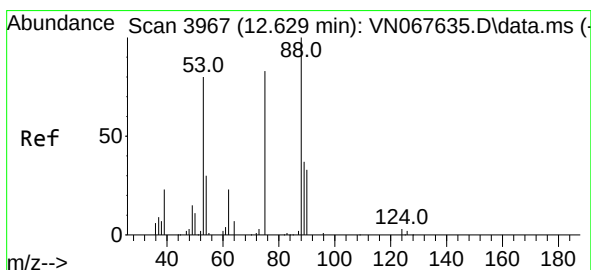
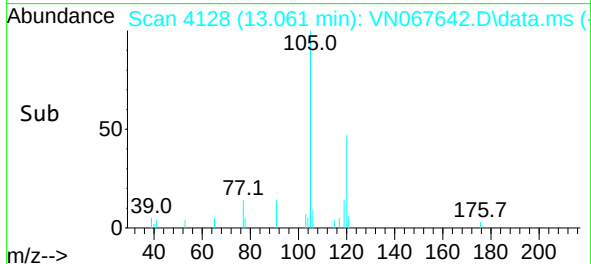
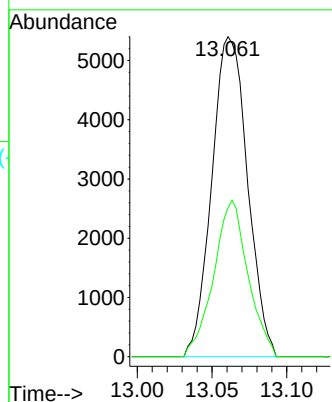
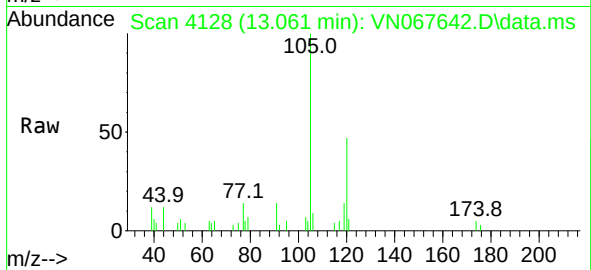




#80  
1,3,5-Trimethylbenzene  
Concen: 0.636 ug/l  
RT: 13.061 min Scan# 4128  
Delta R.T. -0.000 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

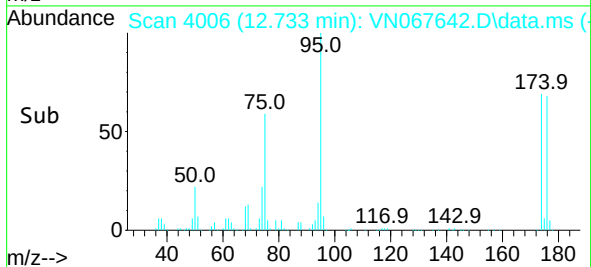
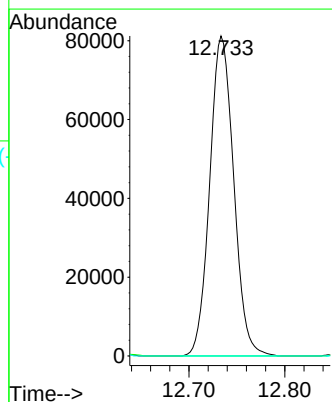
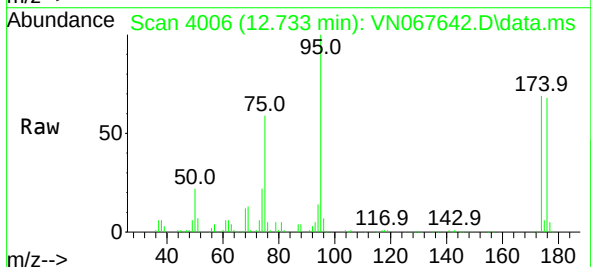
Instrument :  
MSVOA\_N  
ClientSampled :

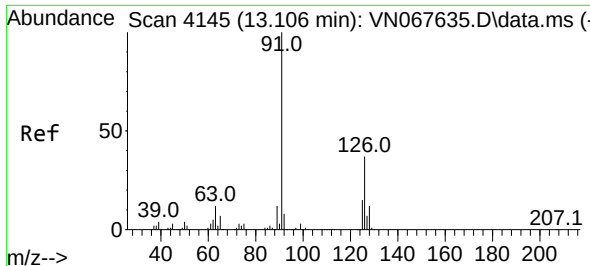
Tgt Ion:105 Resp: 8987  
Ion Ratio Lower Upper  
105 100  
120 47.0 22.2 66.6



#81  
trans-1,4-Dichloro-2-butene  
Concen: 103.163 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. 0.104 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

Tgt Ion: 75 Resp: 141237  
Ion Ratio Lower Upper  
75 100  
53 0.0 87.6 131.4#  
89 0.0 37.8 56.8#

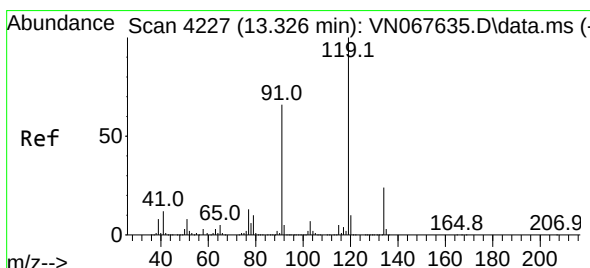
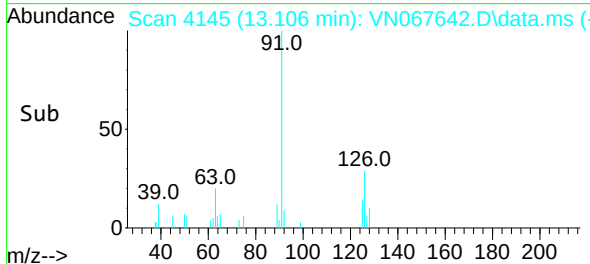
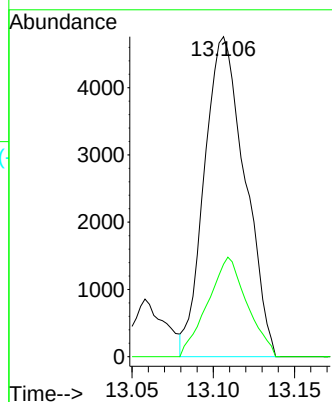
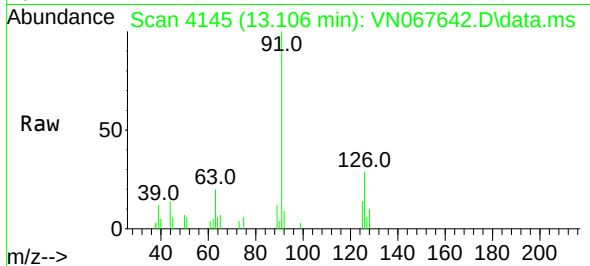




#82  
4-Chlorotoluene  
Concen: 0.701 ug/l  
RT: 13.106 min Scan# 4145  
Delta R.T. 0.000 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

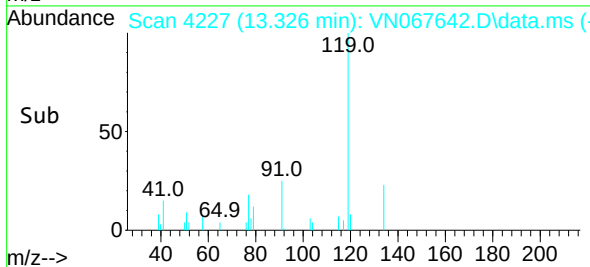
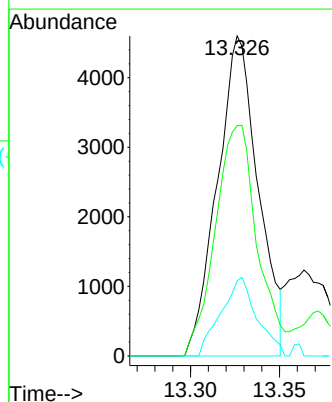
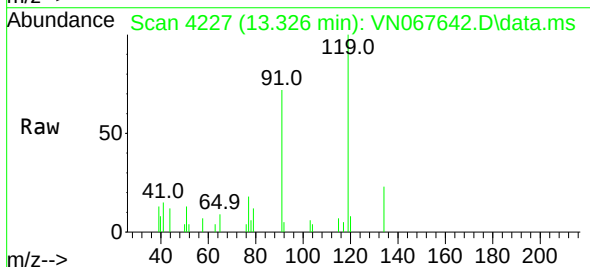
Instrument :  
MSVOA\_N  
ClientSampled :

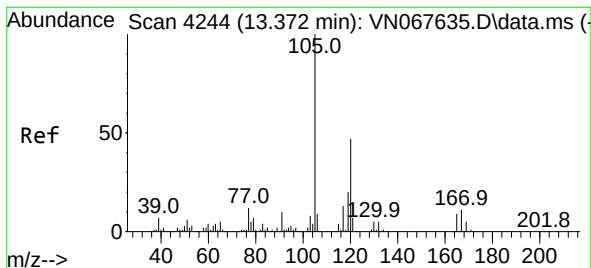
Tgt Ion: 91 Resp: 8261  
Ion Ratio Lower Upper  
91 100  
126 30.1 14.8 44.4



#83  
tert-Butylbenzene  
Concen: 0.611 ug/l  
RT: 13.326 min Scan# 4227  
Delta R.T. 0.000 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

Tgt Ion: 119 Resp: 7357  
Ion Ratio Lower Upper  
119 100  
91 74.6 39.5 118.5  
134 21.5 12.0 36.0





#84

1,2,4-Trimethylbenzene

Concen: 0.642 ug/l

RT: 13.369 min Scan# 4243

Delta R.T. -0.003 min

Lab File: VN067642.D

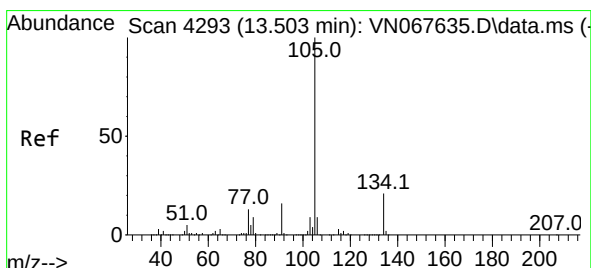
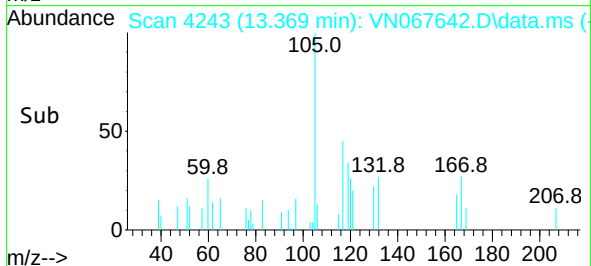
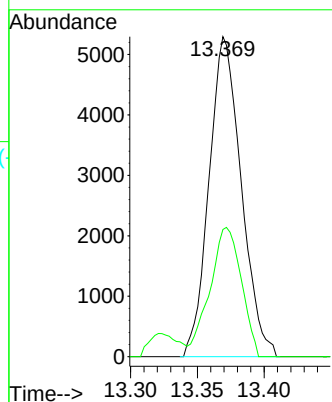
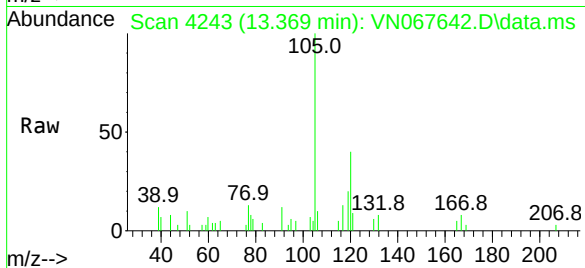
Acq: 7 Jul 2021 18:45

Tgt Ion:105 Resp: 8882

Ion Ratio Lower Upper

105 100

120 39.5 20.6 61.8



#85

sec-Butylbenzene

Concen: 0.619 ug/l

RT: 13.503 min Scan# 4293

Delta R.T. 0.000 min

Lab File: VN067642.D

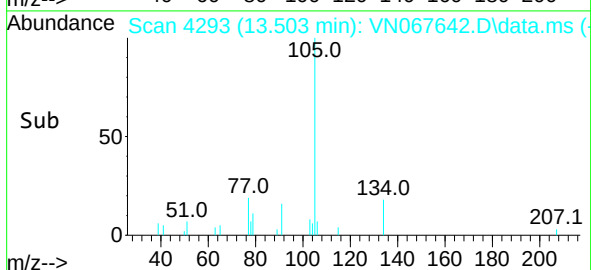
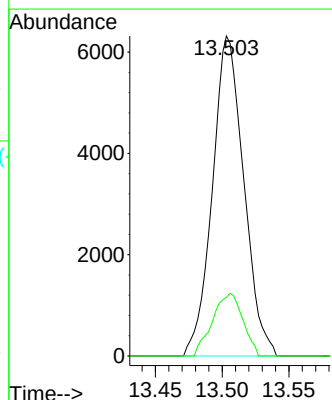
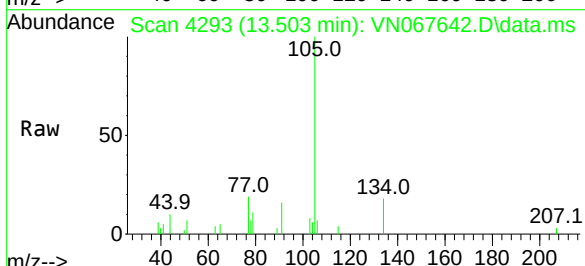
Acq: 7 Jul 2021 18:45

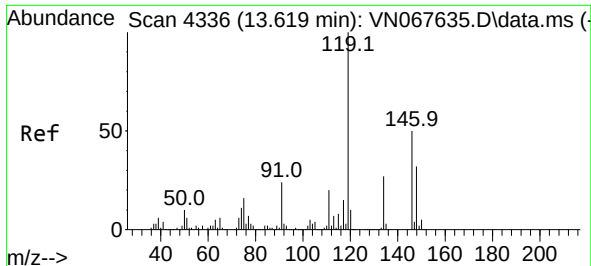
Tgt Ion:105 Resp: 10320

Ion Ratio Lower Upper

105 100

134 18.8 9.0 27.1

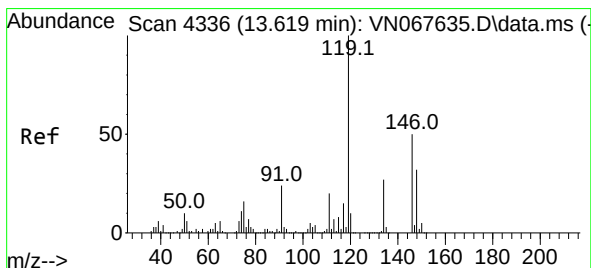
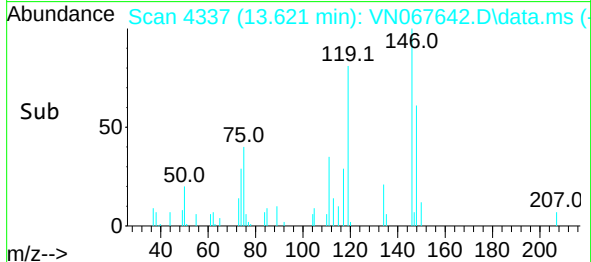
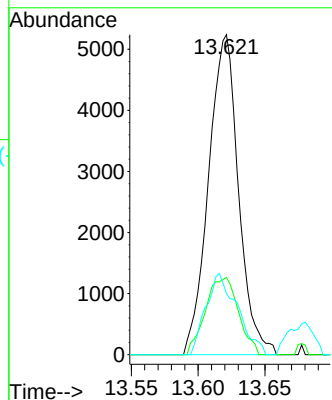
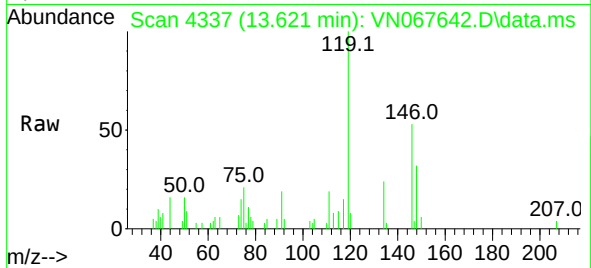




#86  
p-Isopropyltoluene  
Concen: 0.608 ug/l  
RT: 13.621 min Scan# 4337  
Delta R.T. 0.002 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

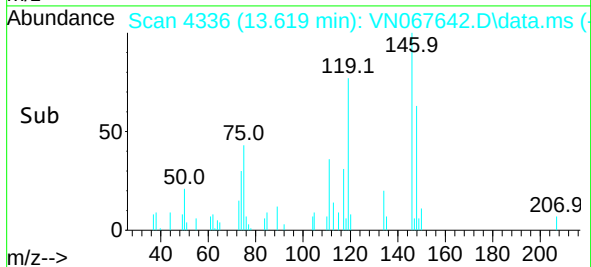
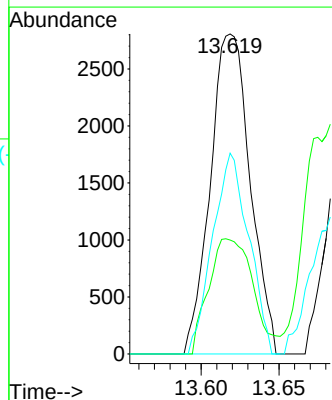
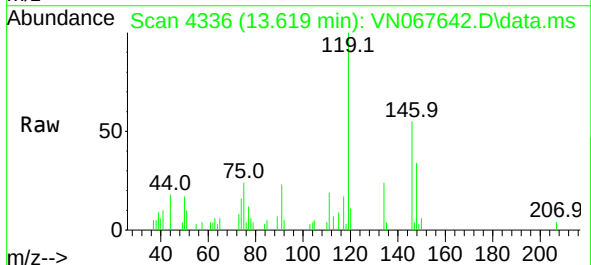
Instrument :  
MSVOA\_N  
ClientSampled :

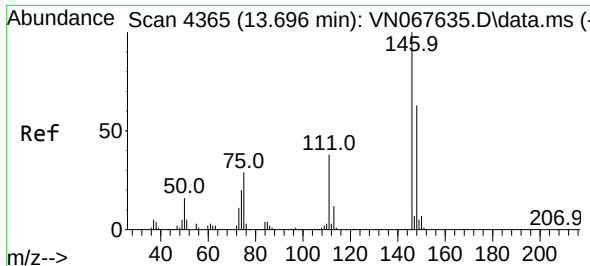
Tgt Ion:119 Resp: 8179  
Ion Ratio Lower Upper  
119 100  
134 26.5 12.4 37.4  
91 26.7 14.8 44.3



#87  
1,3-Dichlorobenzene  
Concen: 0.697 ug/l  
RT: 13.619 min Scan# 4336  
Delta R.T. -0.000 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

Tgt Ion:146 Resp: 4993  
Ion Ratio Lower Upper  
146 100  
111 40.6 24.3 72.8  
148 56.9 32.0 96.0

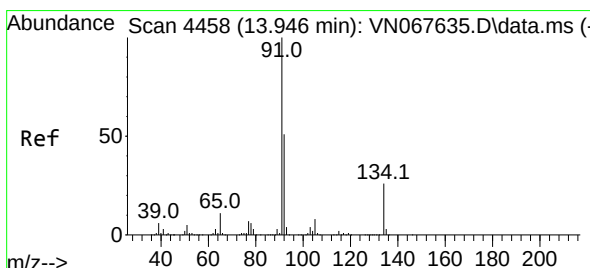
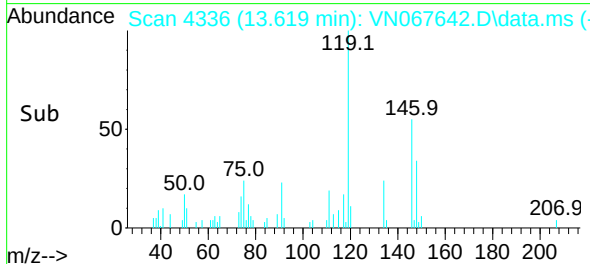
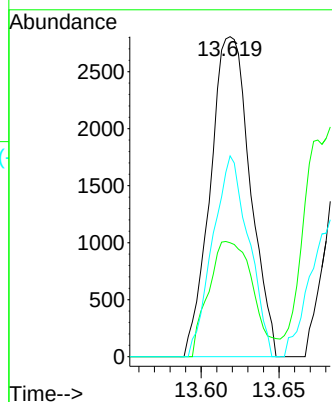
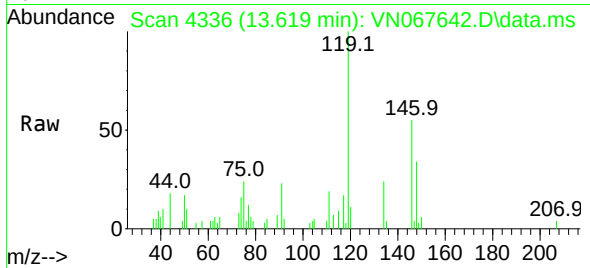




#88  
1,4-Dichlorobenzene  
Concen: 0.681 ug/l  
RT: 13.619 min Scan# 4336  
Delta R.T. -0.077 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

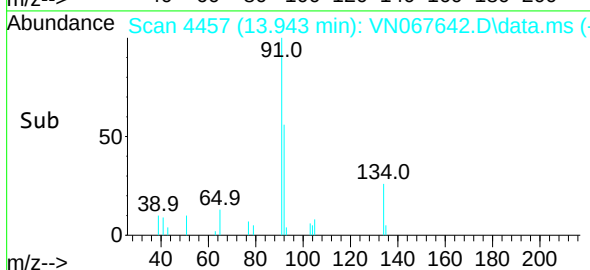
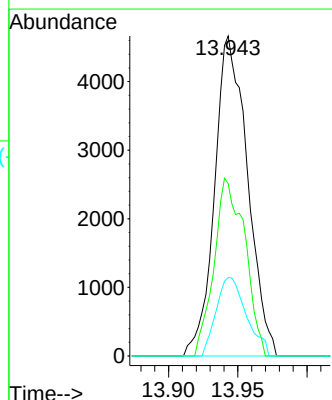
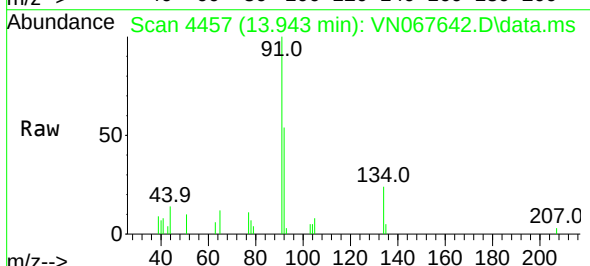
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:146 Resp: 4993  
Ion Ratio Lower Upper  
146 100  
111 40.6 23.4 70.2  
148 56.9 31.8 95.3

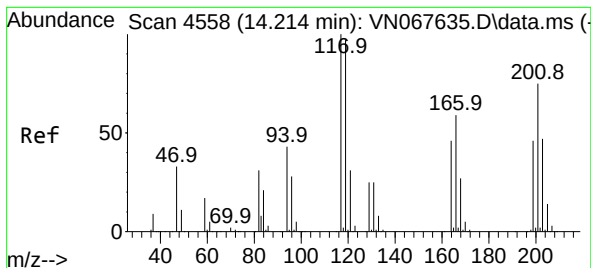


#89  
n-Butylbenzene  
Concen: 0.667 ug/l  
RT: 13.943 min Scan# 4457  
Delta R.T. -0.003 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

Tgt Ion: 91 Resp: 7694  
Ion Ratio Lower Upper  
91 100  
92 52.0 25.7 77.1  
134 22.6 11.2 33.6

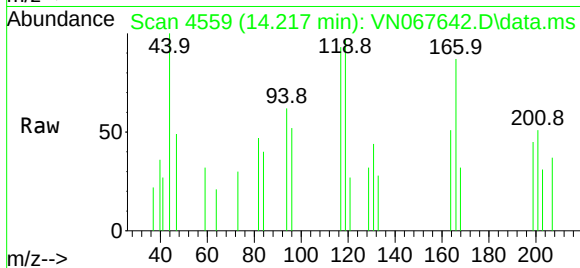




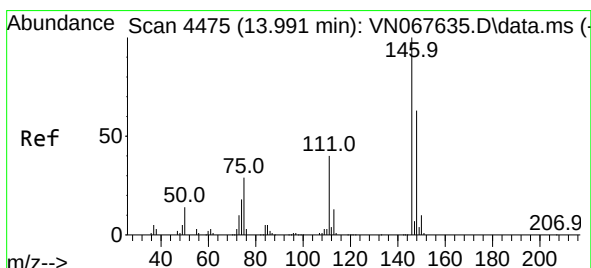
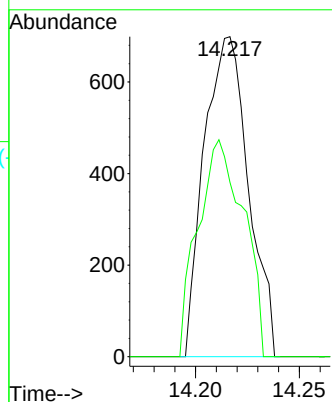
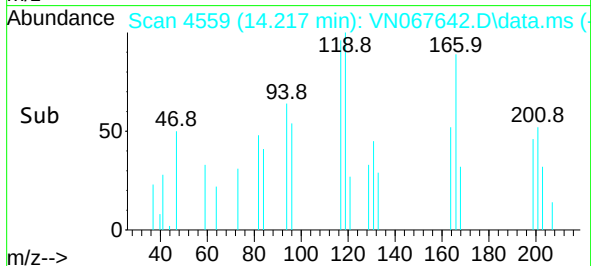


#90  
Hexachloroethane  
Concen: 0.465 ug/l  
RT: 14.217 min Scan# 4559  
Delta R.T. 0.003 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

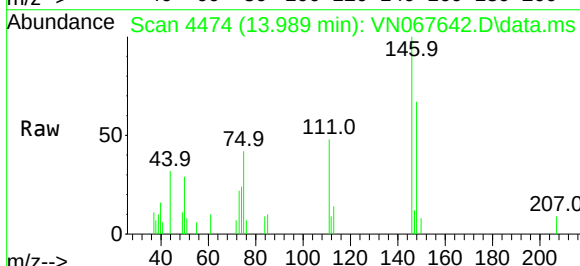
Instrument :  
MSVOA\_N  
ClientSampled :



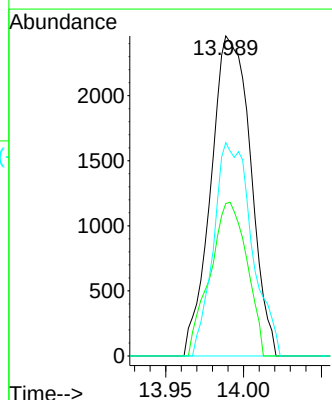
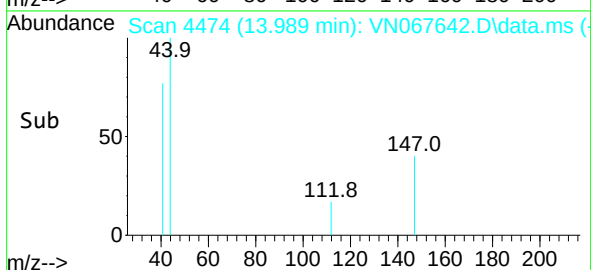
Tgt Ion:117 Resp: 1039  
Ion Ratio Lower Upper  
117 100  
201 70.0 33.5 100.5

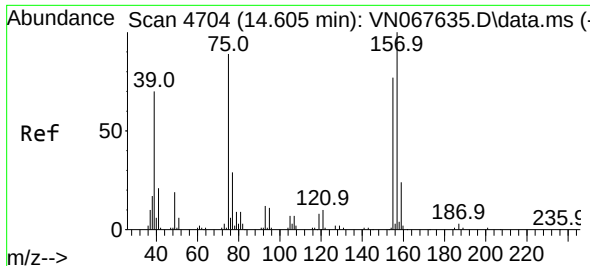


#91  
1,2-Dichlorobenzene  
Concen: 0.630 ug/l  
RT: 13.989 min Scan# 4474  
Delta R.T. -0.002 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45



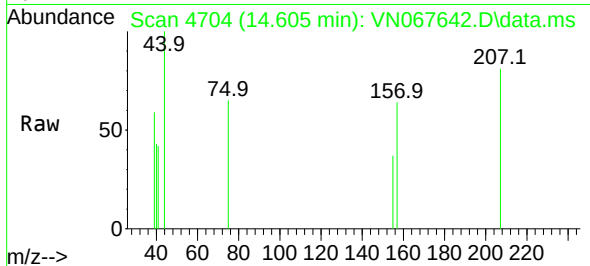
Tgt Ion:146 Resp: 4351  
Ion Ratio Lower Upper  
146 100  
111 44.7 24.9 74.6  
148 64.2 31.6 95.0



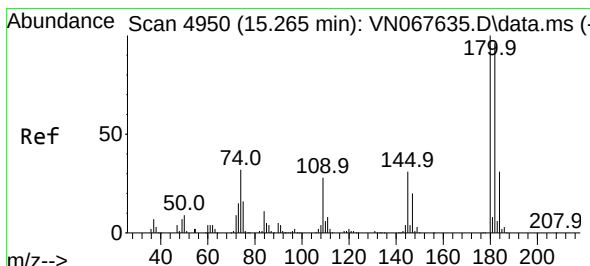
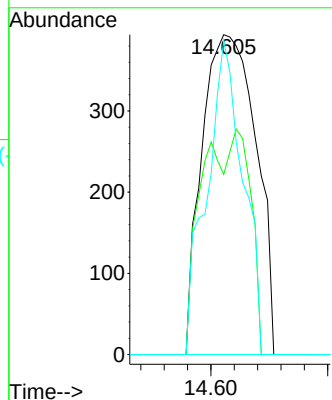
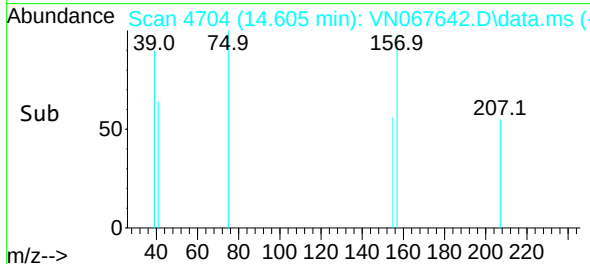


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.718 ug/l  
RT: 14.605 min Scan# 4704  
Delta R.T. 0.000 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

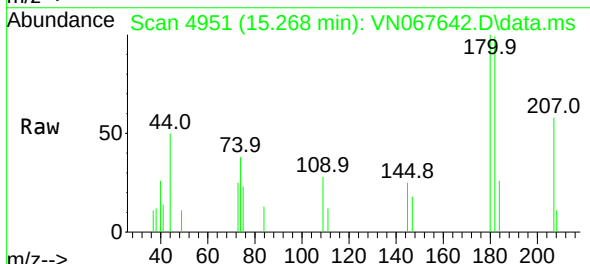
Instrument :  
MSVOA\_N  
ClientSampled :



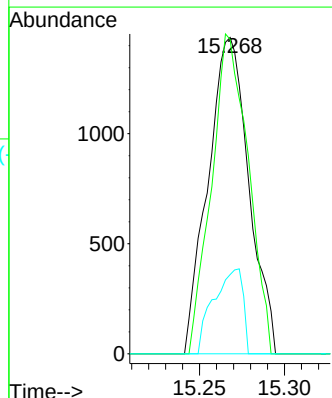
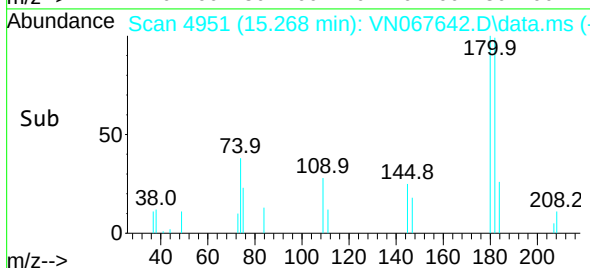
Tgt Ion: 75 Resp: 631  
Ion Ratio Lower Upper  
75 100  
155 33.4 29.8 89.5  
157 66.2 37.6 112.8

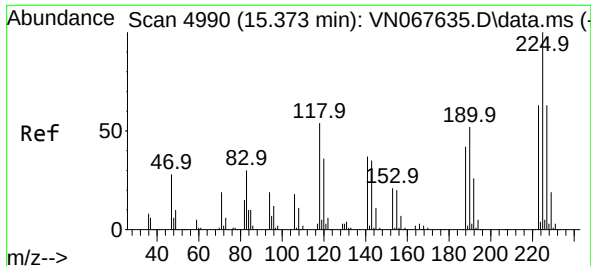


#93  
1,2,4-Trichlorobenzene  
Concen: 0.807 ug/l  
RT: 15.268 min Scan# 4951  
Delta R.T. 0.003 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45



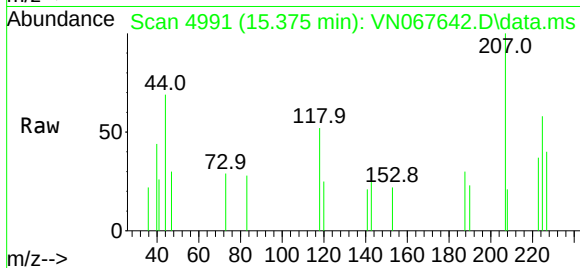
Tgt Ion: 180 Resp: 2403  
Ion Ratio Lower Upper  
180 100  
182 90.7 47.5 142.5  
145 19.2 17.2 51.6



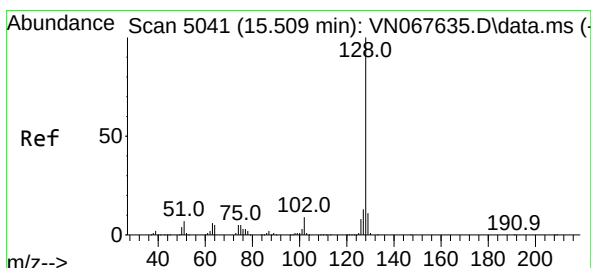
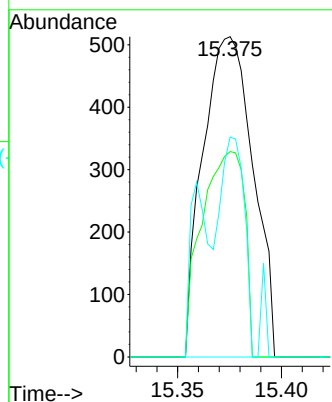
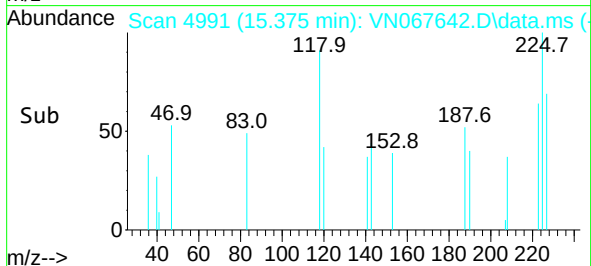


#94  
Hexachlorobutadiene  
Concen: 0.594 ug/l  
RT: 15.375 min Scan# 4991  
Delta R.T. 0.002 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45

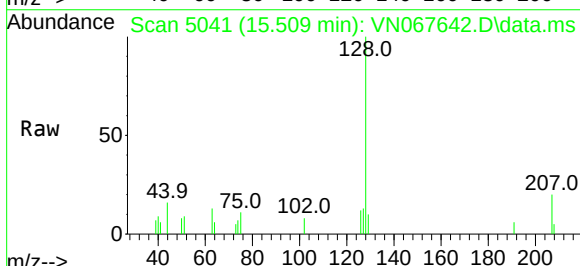
Instrument :  
MSVOA\_N  
ClientSampled :



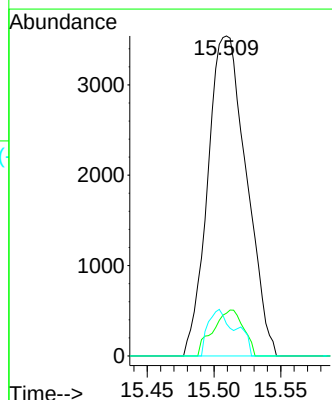
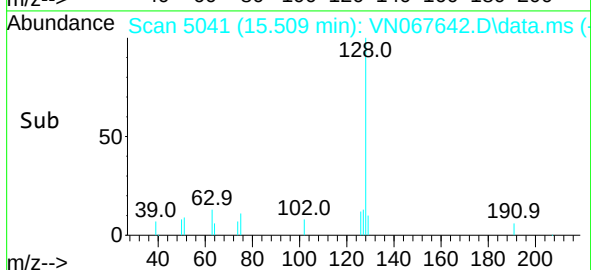
Tgt Ion:225 Resp: 863  
Ion Ratio Lower Upper  
225 100  
223 54.5 31.4 94.0  
227 32.6 31.2 93.6

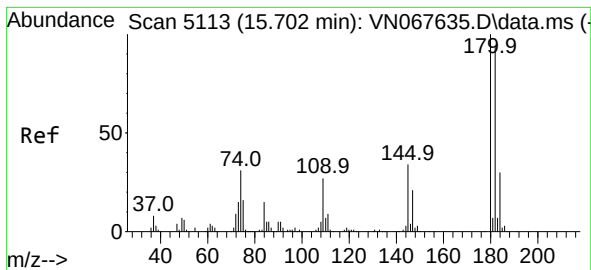


#95  
Naphthalene  
Concen: 0.849 ug/l  
RT: 15.509 min Scan# 5041  
Delta R.T. 0.000 min  
Lab File: VN067642.D  
Acq: 7 Jul 2021 18:45



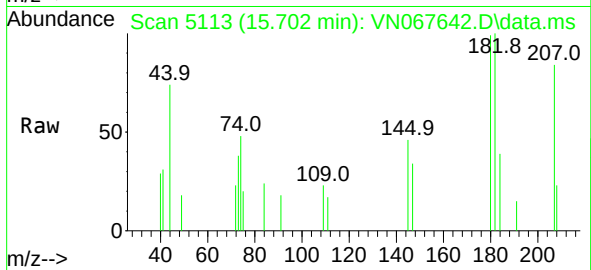
Tgt Ion:128 Resp: 7122  
Ion Ratio Lower Upper  
128 100  
127 11.3 10.6 15.8  
129 7.9 8.6 12.8#





#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.653 ug/l  
 RT: 15.702 min Scan# 5113  
 Delta R.T. 0.000 min  
 Lab File: VN067642.D  
 Acq: 7 Jul 2021 18:45

Instrument :  
 MSVOA\_N  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 1876  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 107.5 | 47.8  | 143.3 |
| 145      | 37.3  | 18.2  | 54.6  |

