

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW012921\  
 Data File : VW018001.D  
 Acq On : 29 Jan 2021 14:56  
 Operator : SY/VA  
 Sample : VSTD02506  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jan 29 15:54:30 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jan 29 15:52:52 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Difluorobenzene        | 8.841  | 114  | 327715   | 25.00 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117  | 297739   | 25.00 | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.554 | 152  | 160522   | 25.00 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65   | 101596   | 24.23 | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 2.891  | 69   | 79951    | 20.07 | ug/L   | 0.00     |
| 10) 1,1-Dichloroethene-d2     | 4.031  | 63   | 205320   | 24.92 | ug/L   | 0.00     |
| 20) 2-Butanone-d5             | 7.073  | 46   | 62568    | 59.06 | ug/L   | 0.00     |
| 24) Chloroform-d              | 7.646  | 84   | 215938   | 24.75 | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65   | 115594   | 25.44 | ug/L   | 0.00     |
| 29) Benzene-d6                | 8.274  | 84   | 411965   | 25.02 | ug/L   | 0.00     |
| 33) 1,2-Dichloropropane-d6    | 9.274  | 67   | 114482   | 24.56 | ug/L   | 0.00     |
| 37) Toluene-d8                | 10.323 | 98   | 394094   | 25.26 | ug/L   | 0.00     |
| 38) trans-1,3-Dichloroprop... | 10.579 | 79   | 54288    | 27.20 | ug/L   | 0.00     |
| 39) 2-Hexanone-d5             | 10.926 | 63   | 51755    | 65.37 | ug/L   | 0.00     |
| 48) 1,1,2,2-Tetrachloroeth... | 12.688 | 84   | 112104   | 29.10 | ug/L   | 0.00     |
| 61) 1,2-Dichlorobenzene-d4    | 13.853 | 152  | 144427   | 25.70 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.013  | 85   | 117762   | 24.70 | ug/L   | 99       |
| 3) Chloromethane              | 2.215  | 50   | 86904    | 20.12 | ug/L   | 100      |
| 5) Vinyl chloride             | 2.367  | 62   | 123941   | 25.96 | ug/L   | 99       |
| 6) Bromomethane               | 2.781  | 94   | 83803    | 21.06 | ug/L   | 99       |
| 8) Chloroethane               | 2.928  | 64   | 72346    | 21.37 | ug/L   | 98       |
| 9) Trichlorofluoromethane     | 3.257  | 101  | 86470    | 25.01 | ug/L   | 100      |
| 11) 1,1,2-Trichloro-1,2,2-... | 4.068  | 101  | 127302   | 27.42 | ug/L # | 66       |
| 12) 1,1-Dichloroethene        | 4.050  | 96   | 118243   | 27.70 | ug/L   | 94       |
| 13) Acetone                   | 4.117  | 43   | 42578    | 49.64 | ug/L   | 95       |
| 14) Carbon disulfide          | 4.391  | 76   | 349448   | 28.37 | ug/L   | 99       |
| 15) Methyl Acetate            | 4.665  | 43   | 53490    | 30.50 | ug/L   | 97       |
| 16) Methylene chloride        | 4.921  | 84   | 114484   | 20.96 | ug/L   | 94       |
| 17) Methyl tert-butyl Ether   | 5.421  | 73   | 132760   | 28.48 | ug/L   | 98       |
| 18) trans-1,2-Dichloroethene  | 5.427  | 96   | 123632   | 26.30 | ug/L   | 95       |
| 19) 1,1-Dichloroethane        | 6.220  | 63   | 196544   | 25.00 | ug/L   | 98       |
| 21) 2-Butanone                | 7.165  | 43   | 69973    | 62.55 | ug/L   | 94       |
| 22) cis-1,2-Dichloroethene    | 7.171  | 96   | 126717   | 26.38 | ug/L   | 97       |
| 23) Bromochloromethane        | 7.512  | 128  | 59805    | 27.26 | ug/L   | 97       |
| 25) Chloroform                | 7.677  | 83   | 214673   | 25.46 | ug/L   | 99       |
| 27) 1,2-Dichloroethane        | 8.396  | 62   | 141505   | 26.02 | ug/L   | 100      |
| 30) Cyclohexane               | 7.951  | 56   | 190845   | 26.50 | ug/L   | 95       |
| 31) 1,1,1-Trichloroethane     | 7.872  | 97   | 181092   | 27.13 | ug/L   | 99       |
| 32) Carbon tetrachloride      | 8.067  | 117  | 175065   | 27.14 | ug/L   | 100      |
| 34) Benzene                   | 8.323  | 78   | 462335   | 25.98 | ug/L   | 100      |
| 35) Trichloroethene           | 9.091  | 95   | 131637   | 26.43 | ug/L   | 98       |
| 36) Methylcyclohexane         | 9.335  | 83   | 231642   | 27.29 | ug/L   | 97       |
| 40) 1,2-Dichloropropane       | 9.366  | 63   | 106281   | 24.82 | ug/L   | 99       |
| 41) Bromodichloromethane      | 9.646  | 83   | 151887   | 26.55 | ug/L   | 97       |
| 42) cis-1,3-Dichloropropene   | 10.073 | 75   | 172755   | 27.18 | ug/L   | 100      |
| 43) 4-Methyl-2-pentanone      | 10.207 | 43   | 149054   | 59.68 | ug/L   | 94       |
| 44) Toluene                   | 10.390 | 91   | 511837   | 26.12 | ug/L   | 96       |
| 45) trans-1,3-Dichloropropene | 10.603 | 75   | 153117   | 27.68 | ug/L   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW012921\  
 Data File : VW018001.D  
 Acq On : 29 Jan 2021 14:56  
 Operator : SY/VA  
 Sample : VSTD02506  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

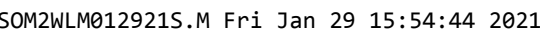
Instrument :  
 MSVOA\_W  
 ClientSampleId :

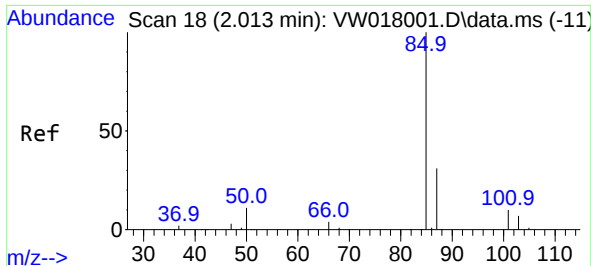
Quant Time: Jan 29 15:54:30 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jan 29 15:52:52 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| 46) 1,1,2-Trichloroethane     | 10.786 | 97   | 94550    | 29.09 | ug/L   | 95       |
| 47) Tetrachloroethene         | 10.859 | 164  | 115565   | 28.66 | ug/L   | 93       |
| 49) 2-Hexanone                | 10.969 | 43   | 107925   | 61.84 | ug/L   | 95       |
| 50) Dibromochloromethane      | 11.128 | 129  | 110891   | 28.86 | ug/L   | 99       |
| 51) 1,2-Dibromoethane         | 11.237 | 107  | 94413    | 29.64 | ug/L # | 97       |
| 52) Chlorobenzene             | 11.658 | 112  | 335166   | 26.40 | ug/L   | 99       |
| 53) Ethylbenzene              | 11.731 | 91   | 588855   | 26.39 | ug/L   | 98       |
| 54) m,p-Xylene                | 11.841 | 106  | 224050   | 26.07 | ug/L   | 97       |
| 55) o-xylene                  | 12.164 | 106  | 212268   | 26.58 | ug/L   | 98       |
| 56) Styrene                   | 12.182 | 104  | 360074   | 26.62 | ug/L   | 100      |
| 57) Isopropylbenzene          | 12.463 | 105  | 603066   | 26.82 | ug/L   | 99       |
| 58) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 116168   | 30.02 | ug/L   | 99       |
| 59) 1,2,3-Trichloropropane    | 12.768 | 75   | 89100    | 31.31 | ug/L   | 99       |
| 62) Bromoform                 | 12.347 | 173  | 69076    | 31.86 | ug/L   | 99       |
| 63) 1,3-Dichlorobenzene       | 13.499 | 146  | 267893   | 25.83 | ug/L   | 95       |
| 64) 1,4-Dichlorobenzene       | 13.578 | 146  | 268301   | 25.90 | ug/L   | 94       |
| 65) 1,2-Dichlorobenzene       | 13.871 | 146  | 246485   | 26.79 | ug/L   | 99       |
| 66) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 21095    | 32.28 | ug/L   | 96       |
| 67) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 213125   | 28.41 | ug/L   | 99       |
| 68) 1,2,4-trichlorobenzene    | 15.133 | 180  | 177408   | 28.55 | ug/L   | 97       |
| 69) Naphthalene               | 15.365 | 128  | 376700   | 31.16 | ug/L   | 99       |
| 70) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 159220   | 29.54 | ug/L   | 99       |
| -----                         |        |      |          |       |        |          |

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

Quant Time: Jan 29 15:54:30 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Jan 29 15:52:52 2021  
Response via : Initial Calibration

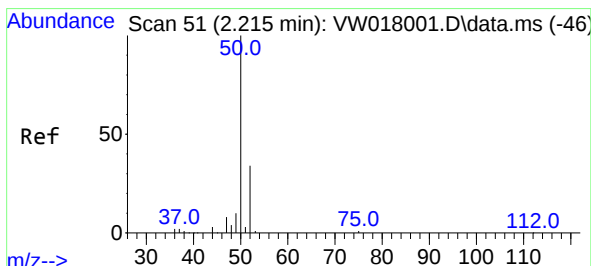
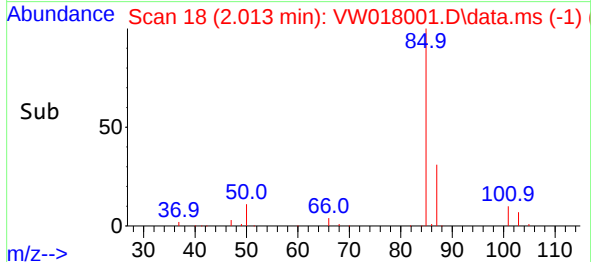
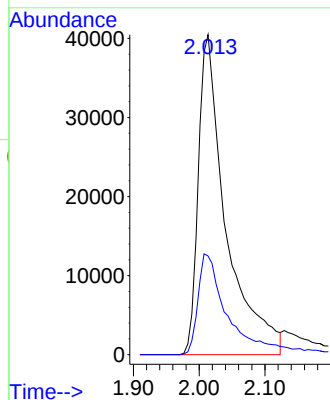
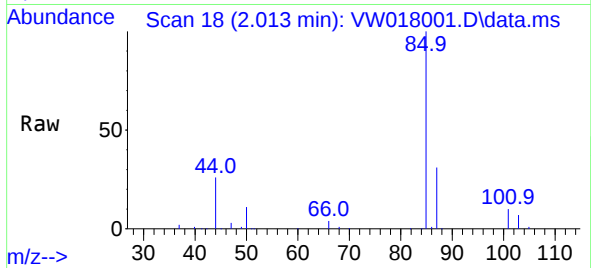




#2  
Dichlorodifluoromethane  
Concen: 24.70 ug/L  
RT: 2.013 min Scan# 18  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

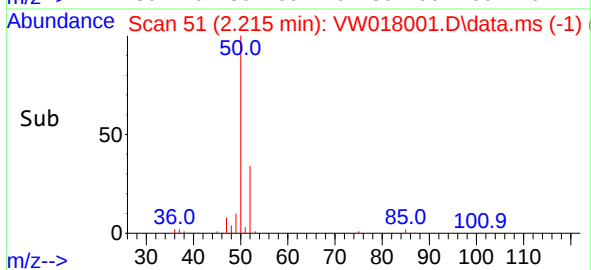
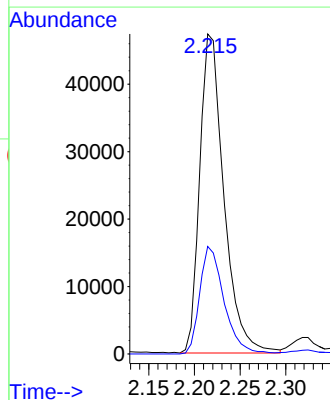
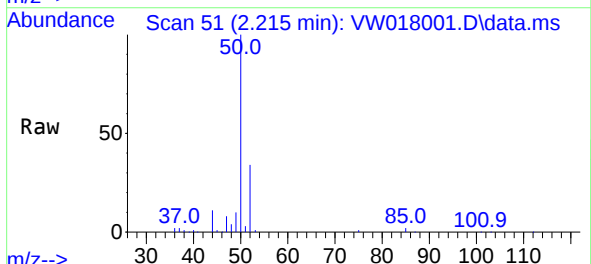
Tgt Ion: 85 Resp: 117762  
Ion Ratio Lower Upper  
85 100  
87 33.7 23.2 43.0

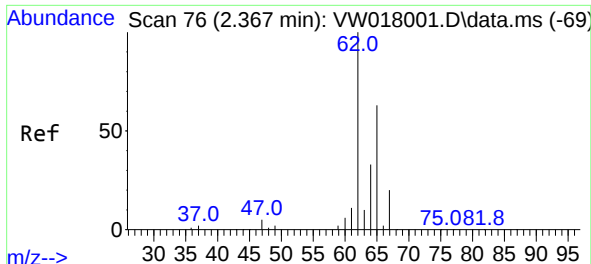
Instrument :  
MSVOA\_W  
ClientSampled :



#3  
Chloromethane  
Concen: 20.12 ug/L  
RT: 2.215 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

Tgt Ion: 50 Resp: 86904  
Ion Ratio Lower Upper  
50 100  
52 33.6 23.4 43.6

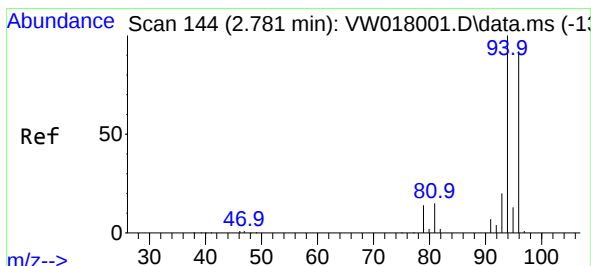
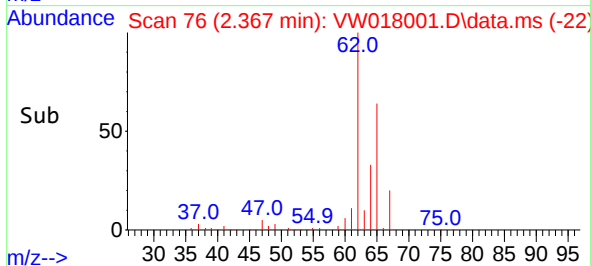
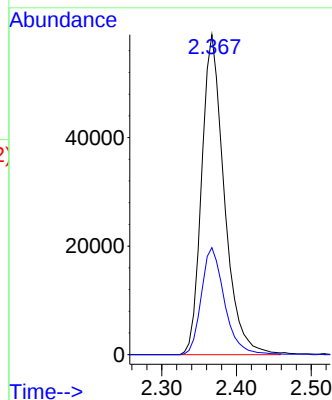
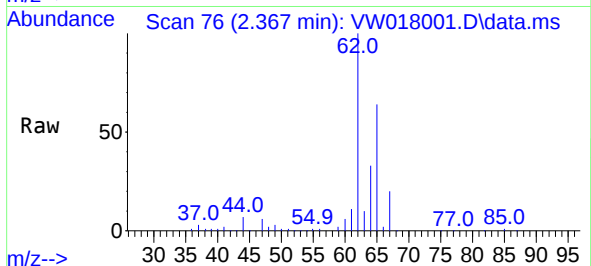




#5  
Vinyl chloride  
Concen: 25.96 ug/L  
RT: 2.367 min Scan# 76  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

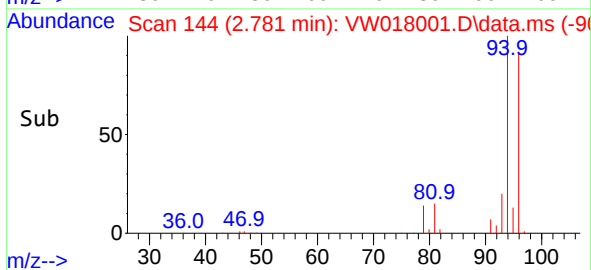
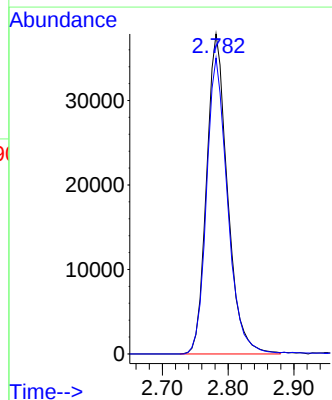
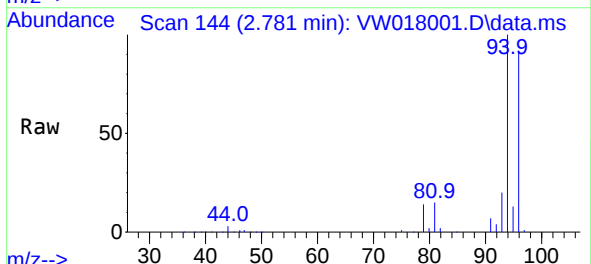
Instrument :  
MSVOA\_W  
ClientSampled :

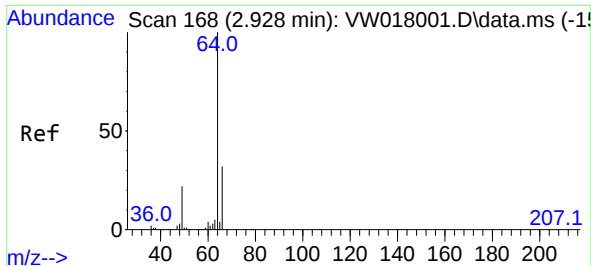
Tgt Ion: 62 Resp: 123941  
Ion Ratio Lower Upper  
62 100  
64 33.4 23.9 44.5



#6  
Bromomethane  
Concen: 21.06 ug/L  
RT: 2.781 min Scan# 144  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

Tgt Ion: 94 Resp: 83803  
Ion Ratio Lower Upper  
94 100  
96 93.2 9.4 178.0

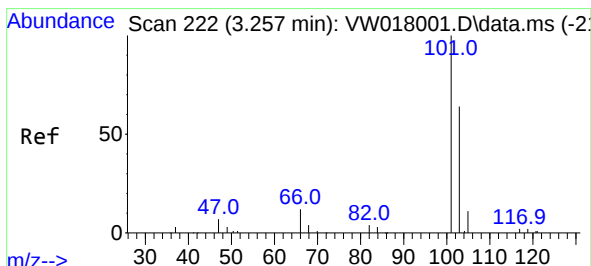
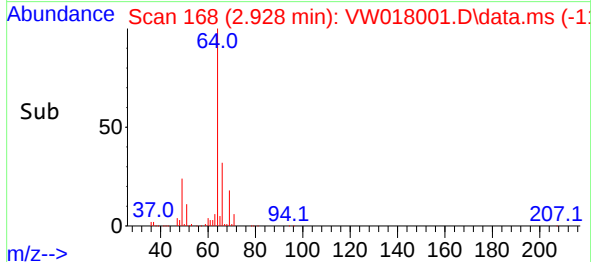
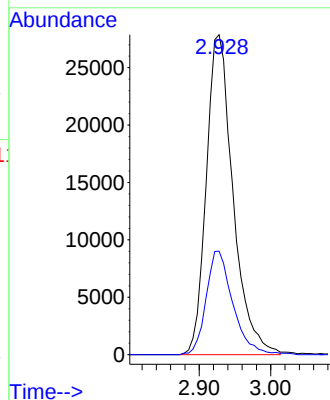
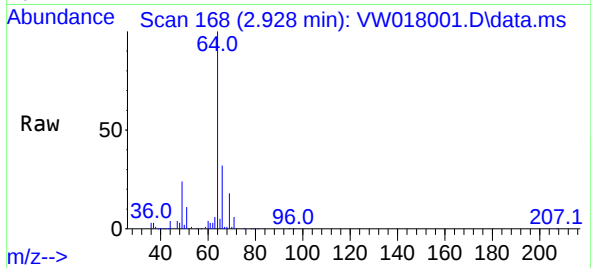




#8  
Chloroethane  
Concen: 21.37 ug/L  
RT: 2.928 min Scan# 168  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

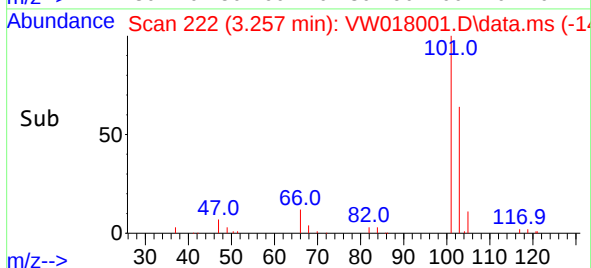
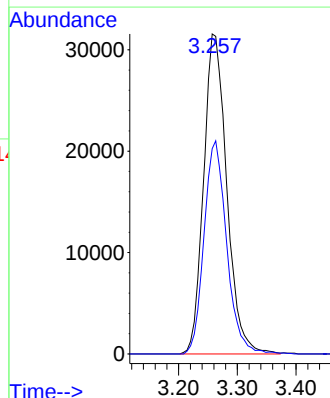
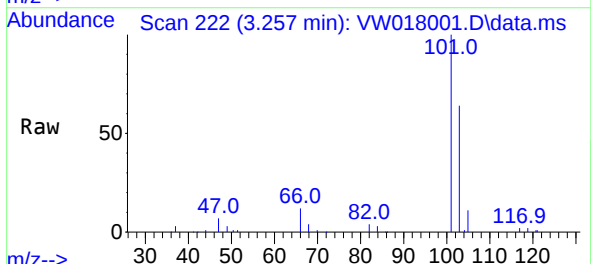
Instrument :  
MSVOA\_W  
ClientSampled :

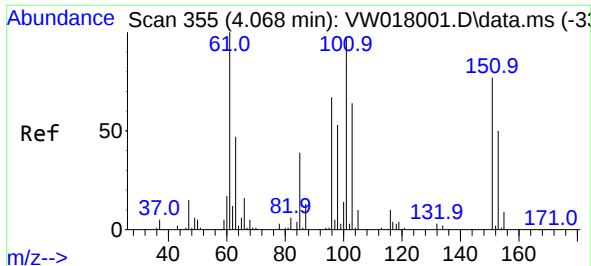
Tgt Ion: 64 Resp: 72346  
Ion Ratio Lower Upper  
64 100  
66 32.3 22.0 41.0



#9  
Trichlorofluoromethane  
Concen: 25.01 ug/L  
RT: 3.257 min Scan# 222  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

Tgt Ion: 101 Resp: 86470  
Ion Ratio Lower Upper  
101 100  
103 64.4 45.0 83.6

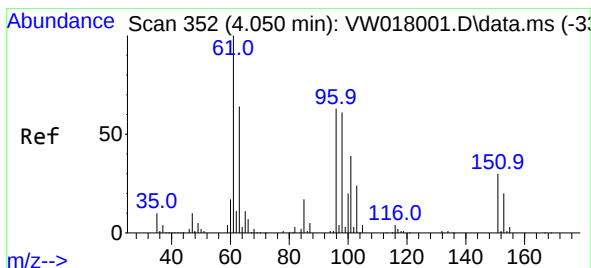
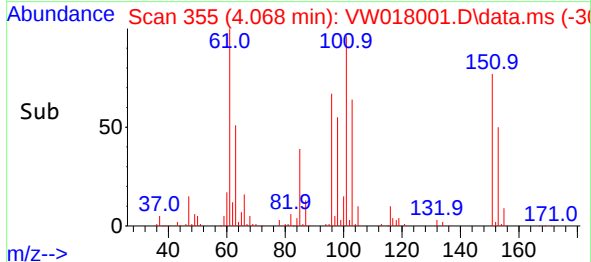
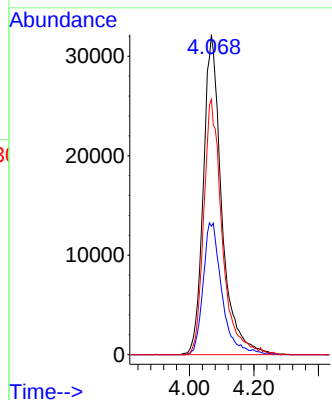
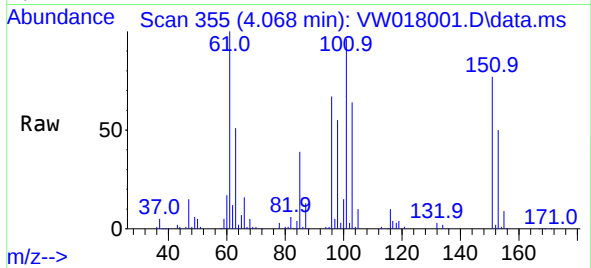




#11  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 27.42 ug/L  
 RT: 4.068 min Scan# 355  
 Delta R.T. 0.000 min  
 Lab File: VW018001.D  
 Acq: 29 Jan 2021 14:56

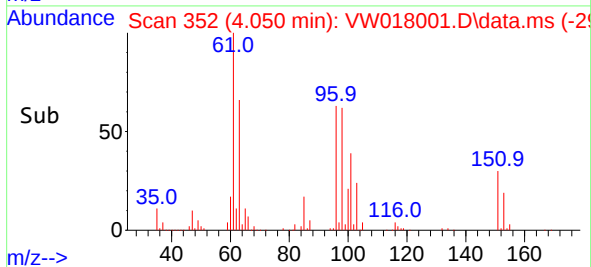
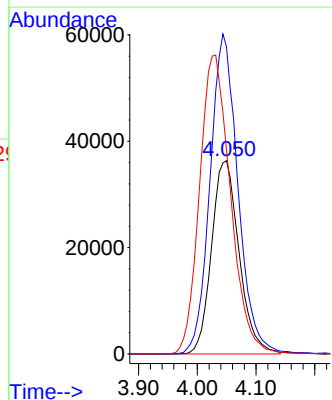
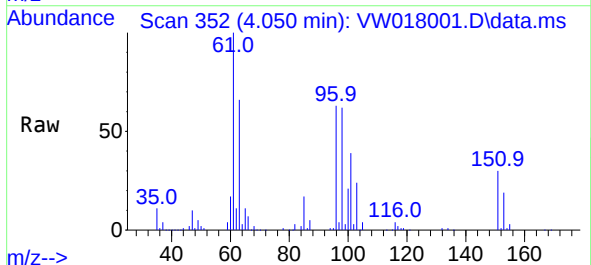
Instrument :  
 MSVOA\_W  
 ClientSampleId :

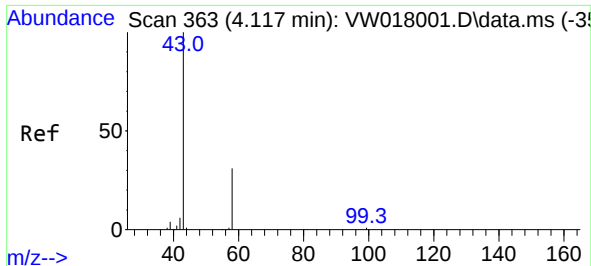
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 Ion Ratio Lower Upper  
 101 100  
 85 40.5 34.2 51.4  
 151 79.1 30.4 45.6#



#12  
 1,1-Dichloroethene  
 Concen: 27.70 ug/L  
 RT: 4.050 min Scan# 352  
 Delta R.T. 0.000 min  
 Lab File: VW018001.D  
 Acq: 29 Jan 2021 14:56

Tgt Ion: 96 Resp: 118243  
 Ion Ratio Lower Upper  
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 61 159.1 112.5 208.9  
 63 105.6 83.1 154.3

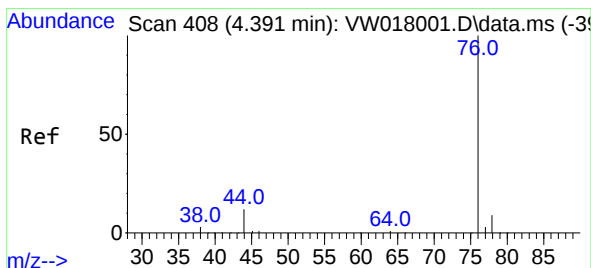
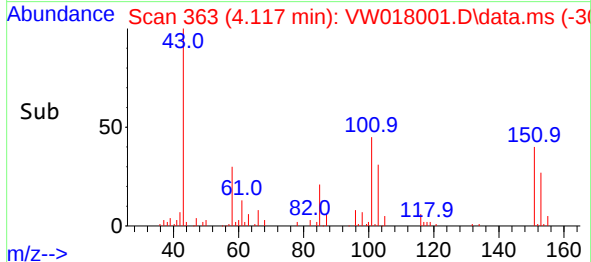
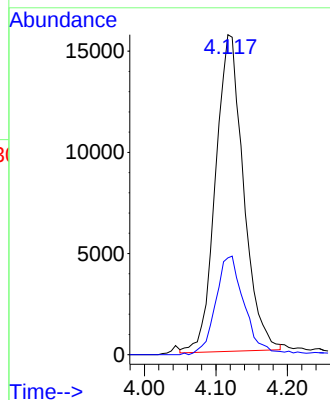
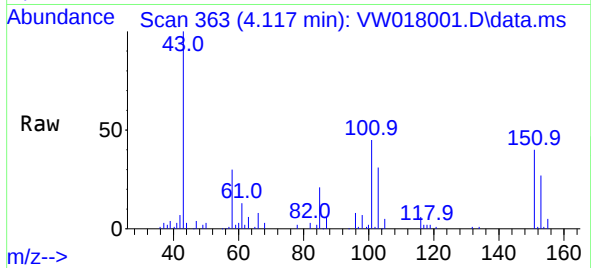




#13  
Acetone  
Concen: 49.64 ug/L  
RT: 4.117 min Scan# 363  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

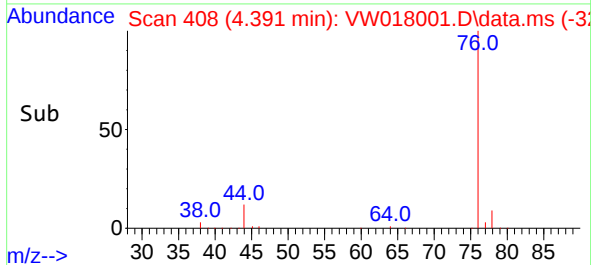
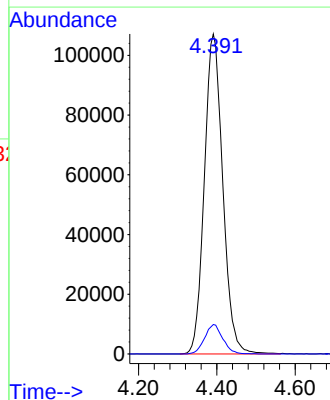
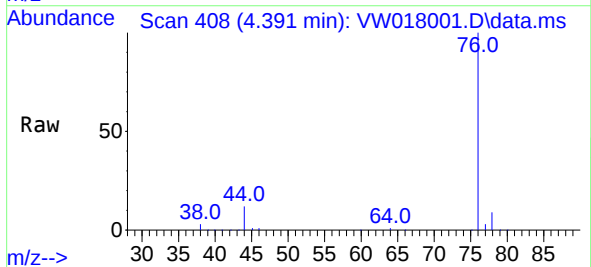
Instrument :  
MSVOA\_W  
ClientSampled :

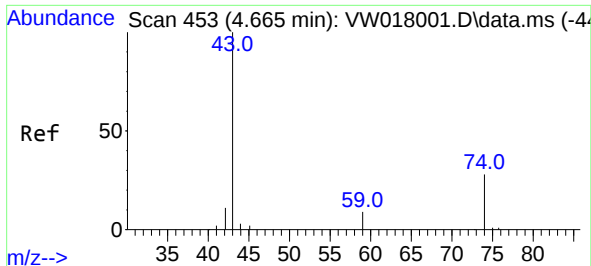
Tgt Ion: 43 Resp: 42578  
Ion Ratio Lower Upper  
43 100  
58 31.4 0.0 68.4



#14  
Carbon disulfide  
Concen: 28.37 ug/L  
RT: 4.391 min Scan# 408  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

Tgt Ion: 76 Resp: 349448  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.0 10.4

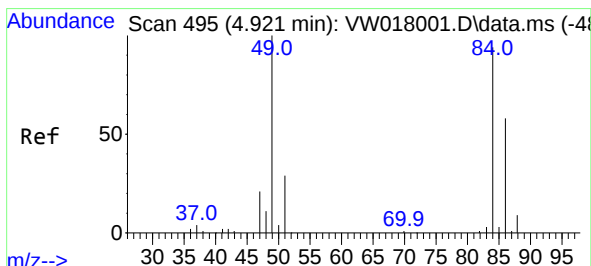
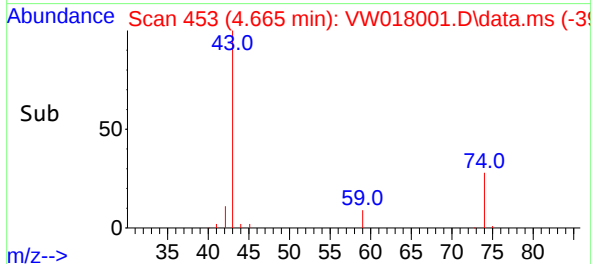
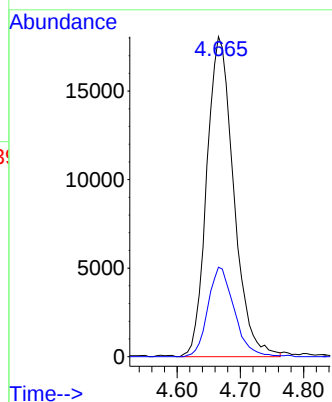
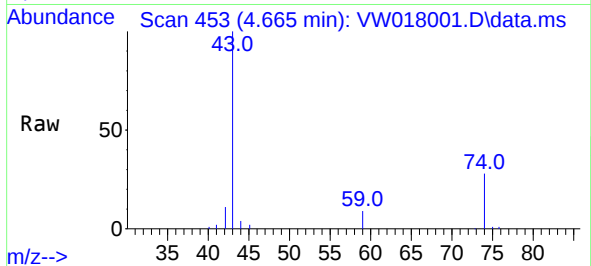




#15  
Methyl Acetate  
Concen: 30.50 ug/L  
RT: 4.665 min Scan# 453  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

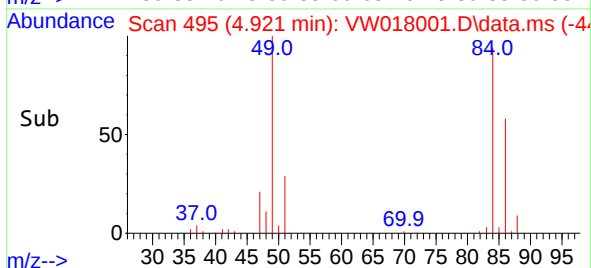
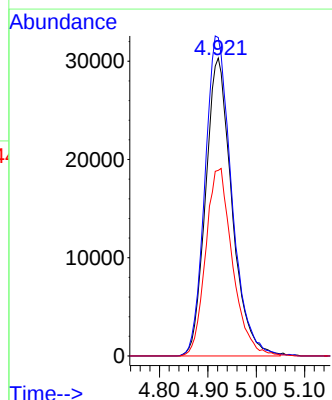
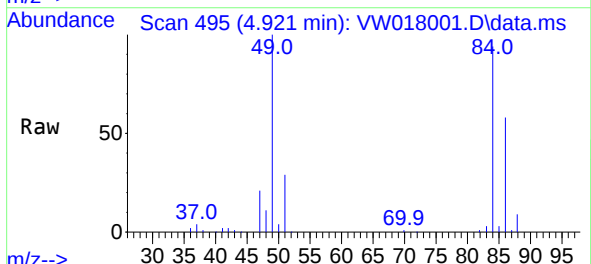
Instrument :  
MSVOA\_W  
ClientSampled :

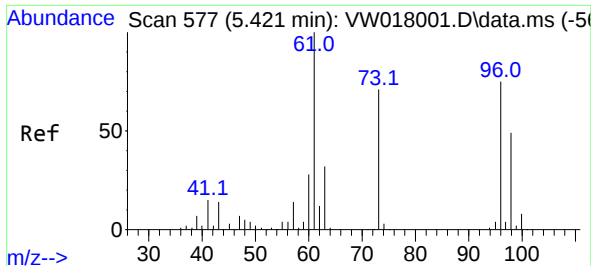
Tgt Ion: 43 Resp: 53490  
Ion Ratio Lower Upper  
43 100  
74 27.2 20.7 31.1



#16  
Methylene chloride  
Concen: 20.96 ug/L  
RT: 4.921 min Scan# 495  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

Tgt Ion: 84 Resp: 114484  
Ion Ratio Lower Upper  
84 100  
49 106.9 81.2 150.8  
86 62.3 44.5 82.7





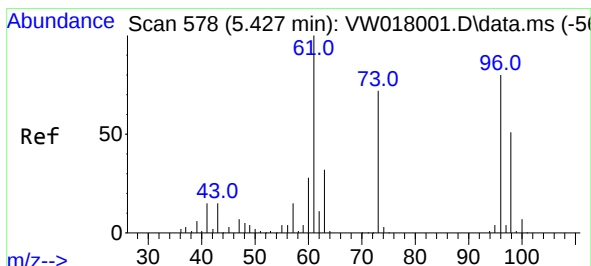
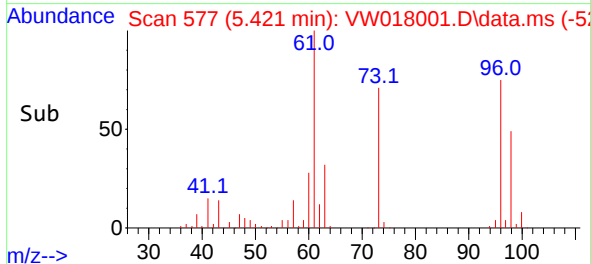
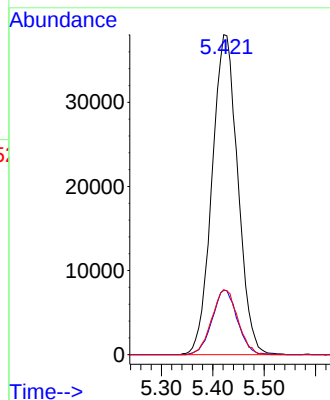
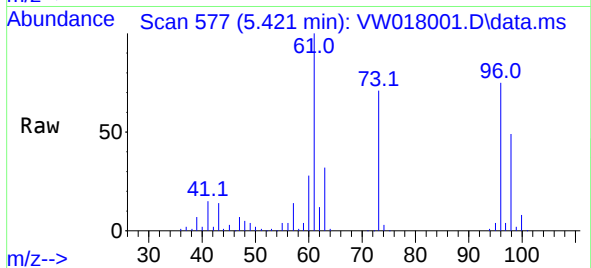
#17

Methyl tert-butyl Ether  
Concen: 28.48 ug/L  
RT: 5.421 min Scan# 577  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion: 73 Resp: 132760

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 73  | 100   |       |       |
| 43  | 19.6  | 16.2  | 24.4  |
| 57  | 20.4  | 17.2  | 25.8  |

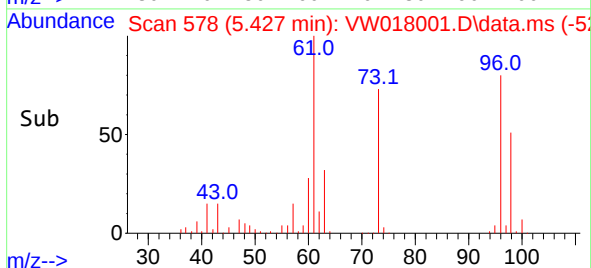
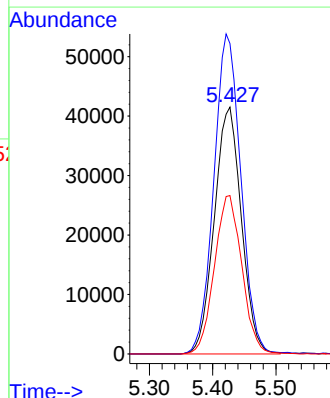
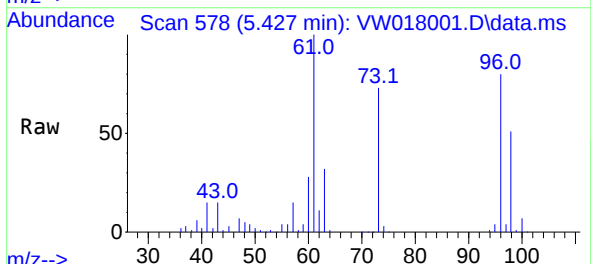


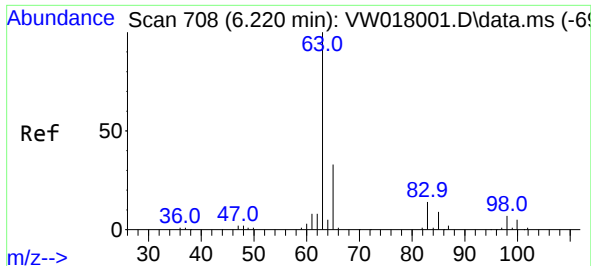
#18

trans-1,2-Dichloroethene  
Concen: 26.30 ug/L  
RT: 5.427 min Scan# 578  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

Tgt Ion: 96 Resp: 123632

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 125.7 | 92.7  | 172.1 |
| 98  | 64.2  | 43.3  | 80.3  |





#19

1,1-Dichloroethane

Concen: 25.00 ug/L

RT: 6.220 min Scan# 708

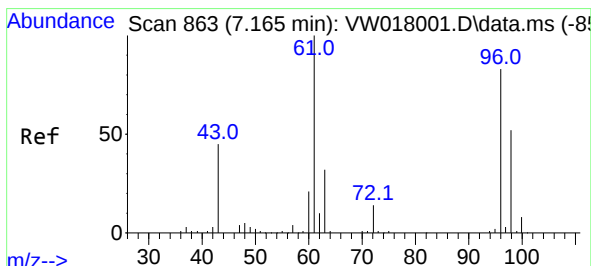
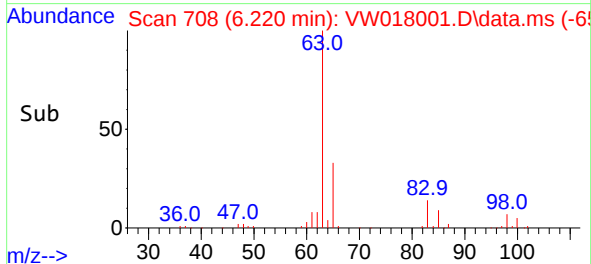
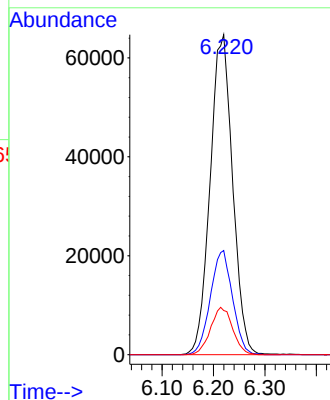
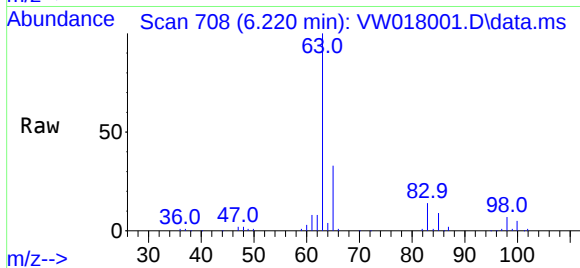
Delta R.T. 0.000 min

Lab File: VW018001.D

Acq: 29 Jan 2021 14:56

Tgt Ion: 63 Resp: 196544

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 65  | 32.5  | 21.9  | 40.7  |
| 83  | 13.8  | 9.4   | 17.6  |



#21

2-Butanone

Concen: 62.55 ug/L

RT: 7.165 min Scan# 863

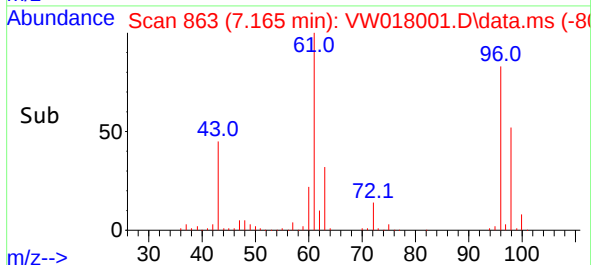
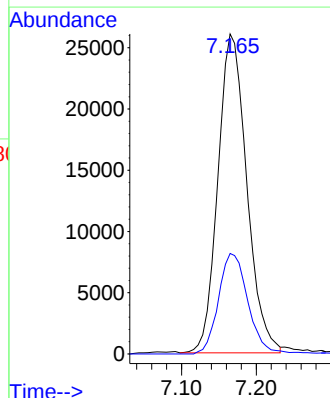
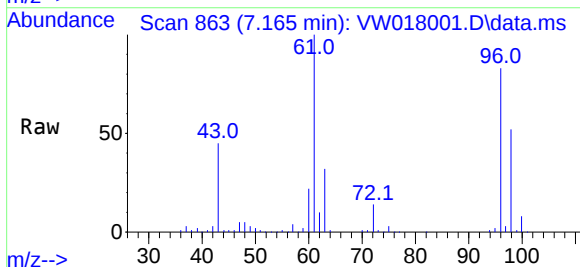
Delta R.T. 0.000 min

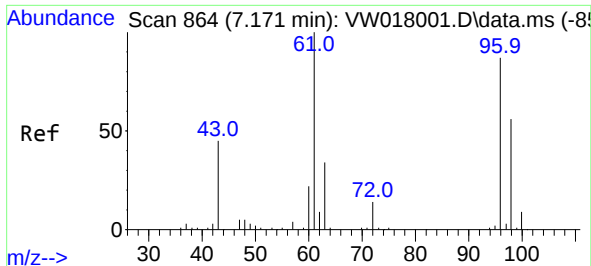
Lab File: VW018001.D

Acq: 29 Jan 2021 14:56

Tgt Ion: 43 Resp: 69973

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 31.9  | 14.4  | 43.2  |

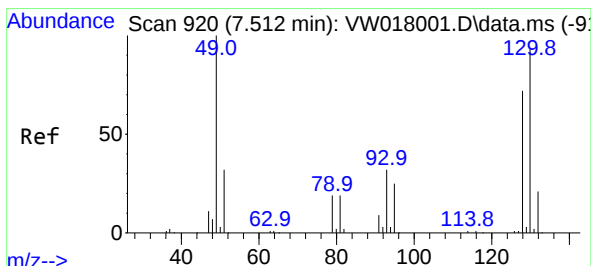
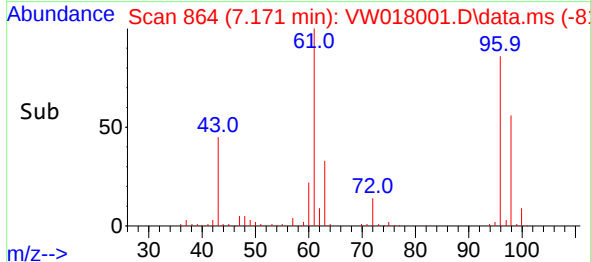
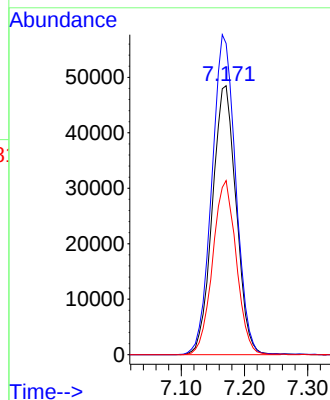
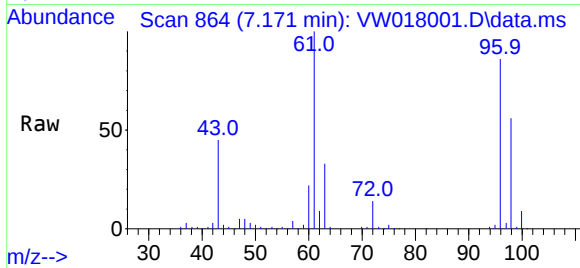




#22  
cis-1,2-Dichloroethene  
Concen: 26.38 ug/L  
RT: 7.171 min Scan# 864  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

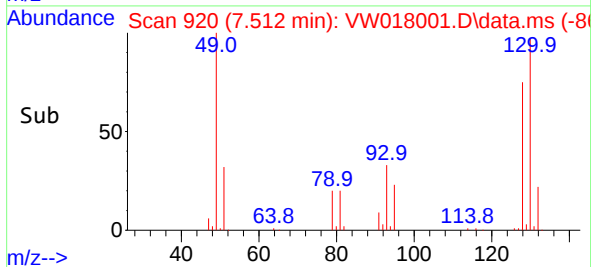
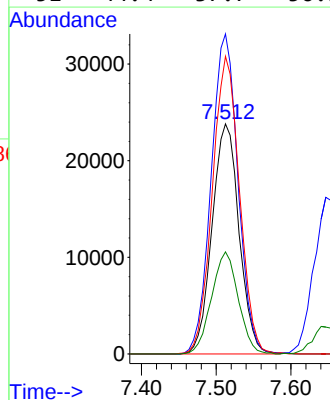
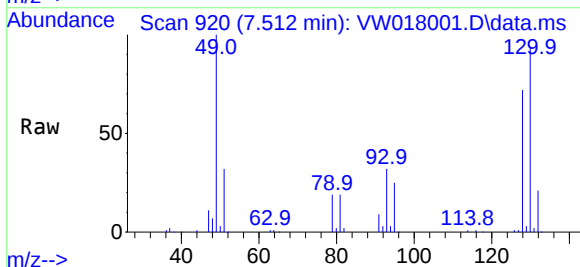
Instrument :  
MSVOA\_W  
ClientSampled :

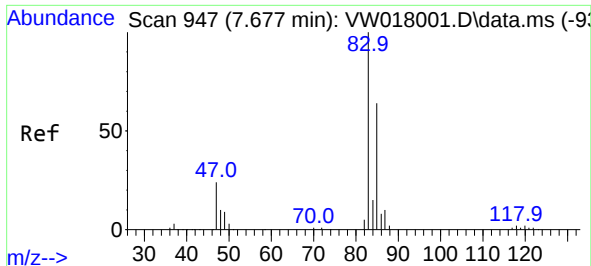
Tgt Ion: 96 Resp: 126717  
Ion Ratio Lower Upper  
96 100  
61 115.7 84.6 157.2  
98 64.8 44.7 82.9



#23  
Bromochloromethane  
Concen: 27.26 ug/L  
RT: 7.512 min Scan# 920  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

Tgt Ion: 128 Resp: 59805  
Ion Ratio Lower Upper  
128 100  
49 139.1 101.6 188.6  
130 129.4 90.4 167.8  
51 44.4 37.7 56.5

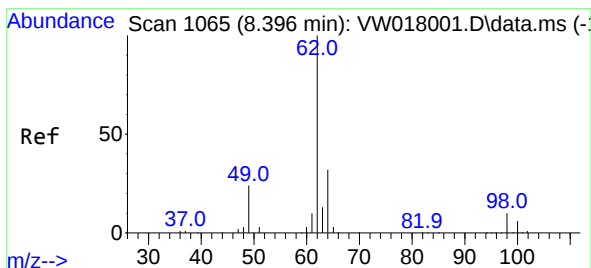
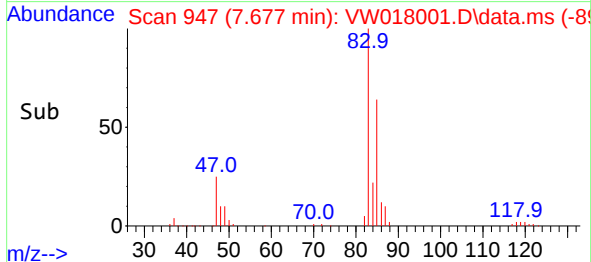
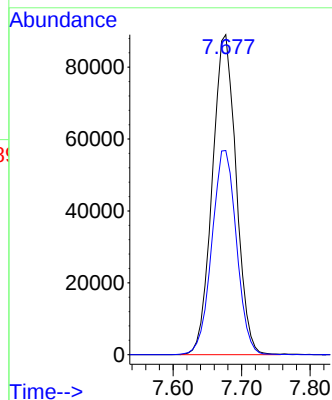
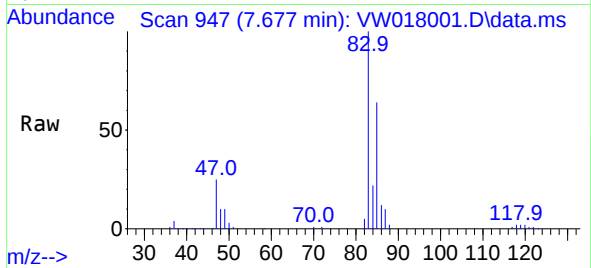




#25  
Chloroform  
Concen: 25.46 ug/L  
RT: 7.677 min Scan# 947  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

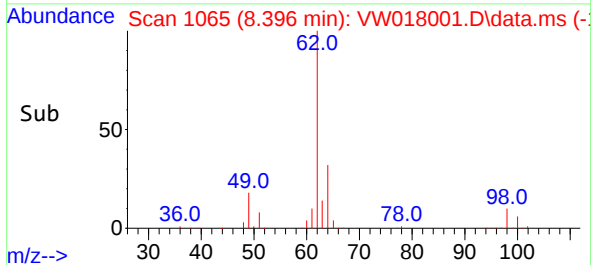
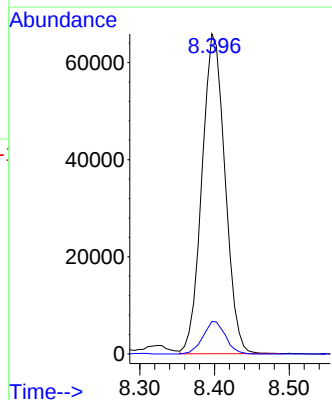
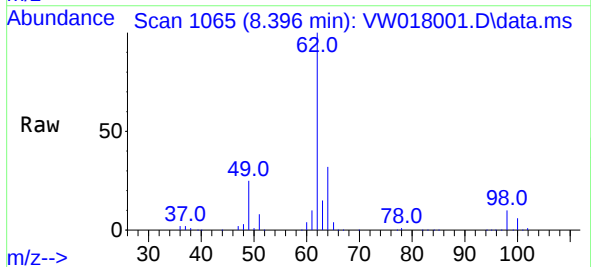
Instrument :  
MSVOA\_W  
ClientSampled :

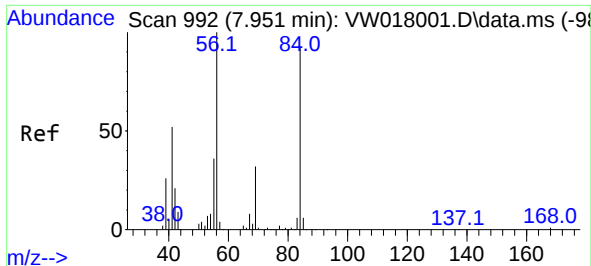
Tgt Ion: 83 Resp: 214673  
Ion Ratio Lower Upper  
83 100  
85 66.1 45.7 84.9



#27  
1,2-Dichloroethane  
Concen: 26.02 ug/L  
RT: 8.396 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

Tgt Ion: 62 Resp: 141505  
Ion Ratio Lower Upper  
62 100  
98 10.1 8.0 12.0

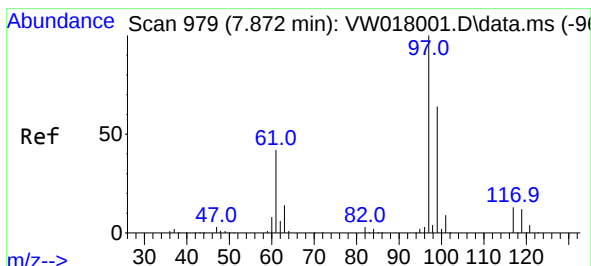
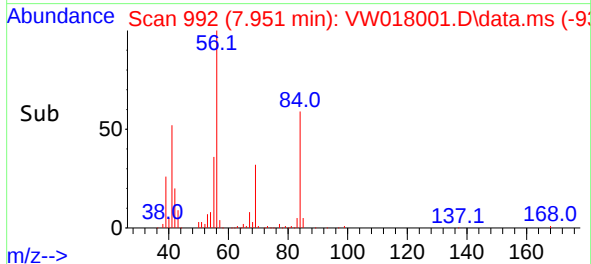
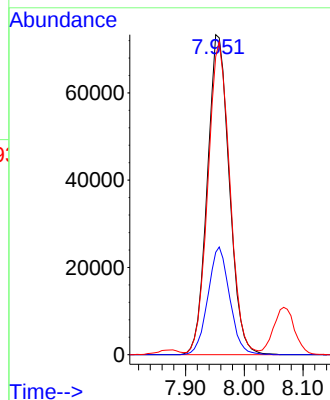
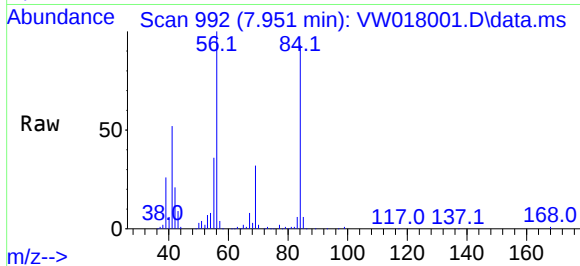




#30  
Cyclohexane  
Concen: 26.50 ug/L  
RT: 7.951 min Scan# 992  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

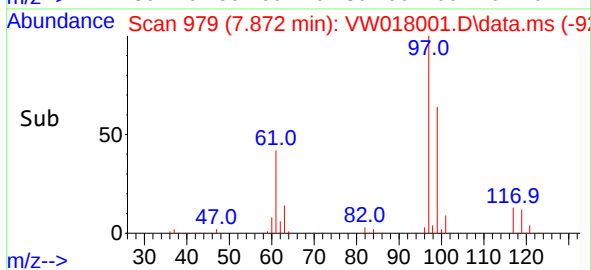
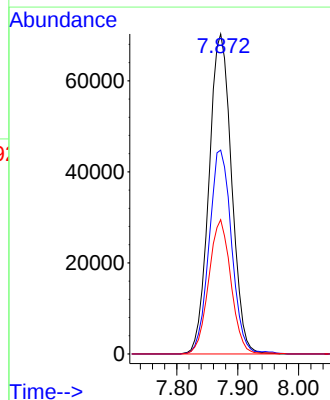
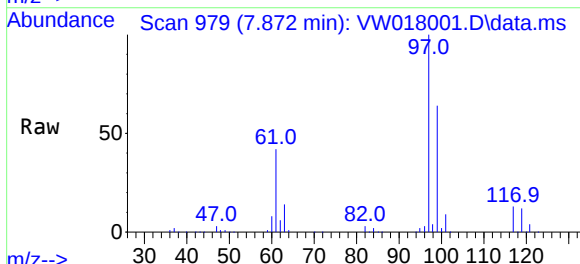
Instrument :  
MSVOA\_W  
ClientSampleId :

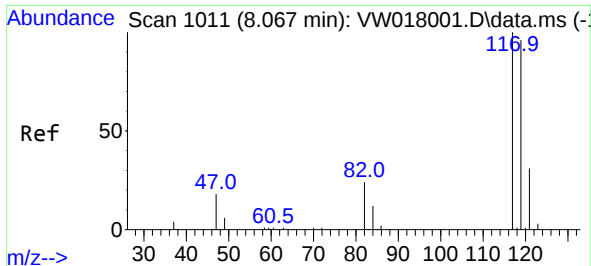
Tgt Ion: 56 Resp: 190845  
Ion Ratio Lower Upper  
56 100  
69 33.3 24.8 37.2  
84 97.8 74.2 111.4



#31  
1,1,1-Trichloroethane  
Concen: 27.13 ug/L  
RT: 7.872 min Scan# 979  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

Tgt Ion: 97 Resp: 181092  
Ion Ratio Lower Upper  
97 100  
99 63.8 51.0 76.4  
61 41.1 33.6 50.4

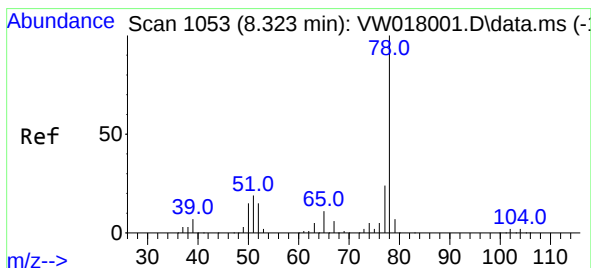
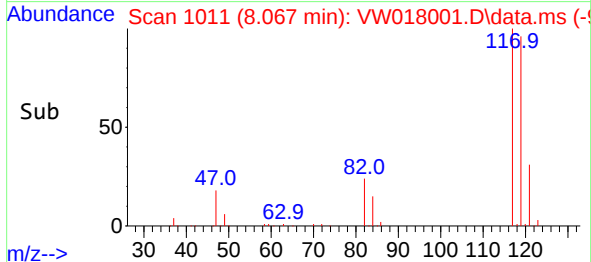
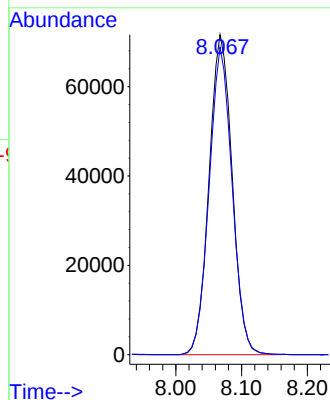
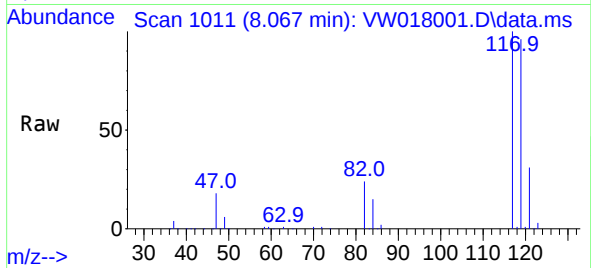




#32  
Carbon tetrachloride  
Concen: 27.14 ug/L  
RT: 8.067 min Scan# 1011  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

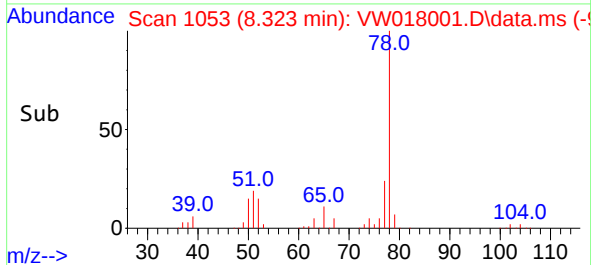
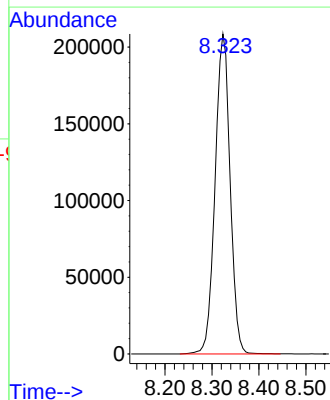
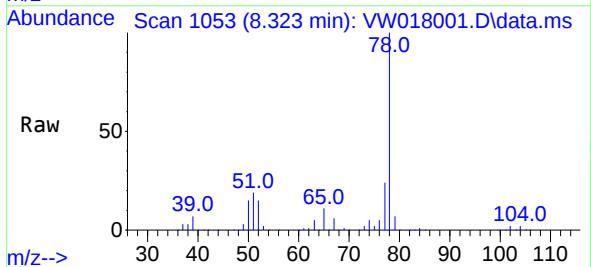
Instrument :  
MSVOA\_W  
ClientSampled :

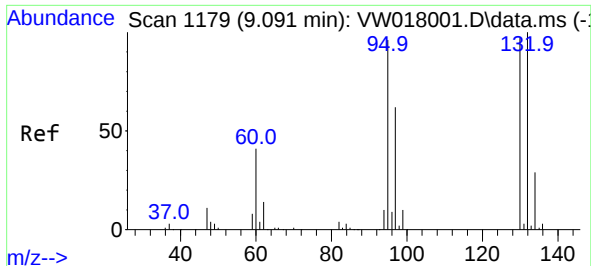
Tgt Ion:117 Resp: 175065  
Ion Ratio Lower Upper  
117 100  
119 95.3 75.8 113.8



#34  
Benzene  
Concen: 25.98 ug/L  
RT: 8.323 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

Tgt Ion: 78 Resp: 462335

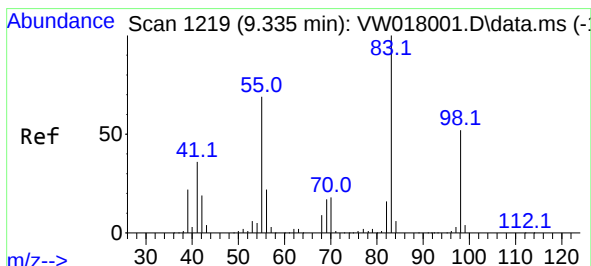
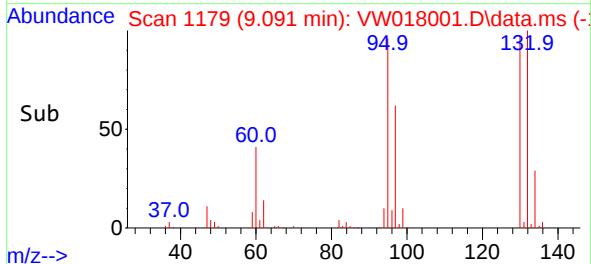
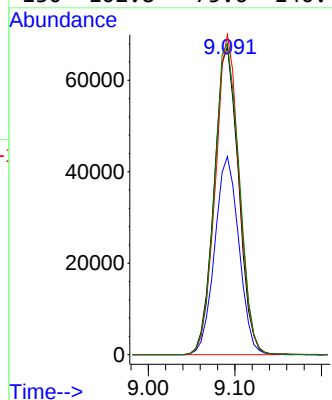
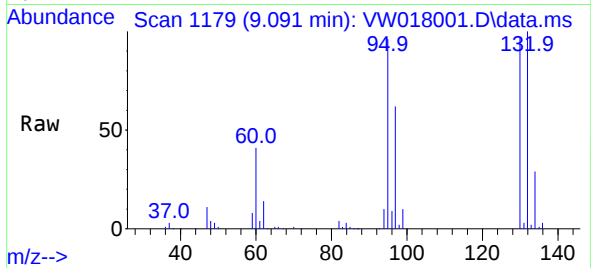




#35  
Trichloroethene  
Concen: 26.43 ug/L  
RT: 9.091 min Scan# 1179  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

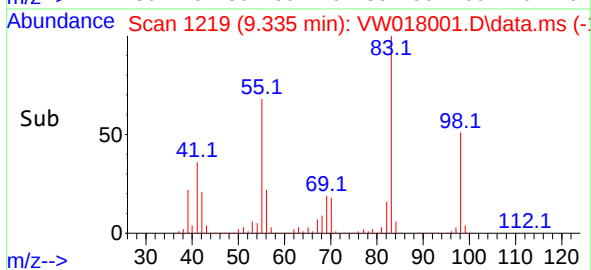
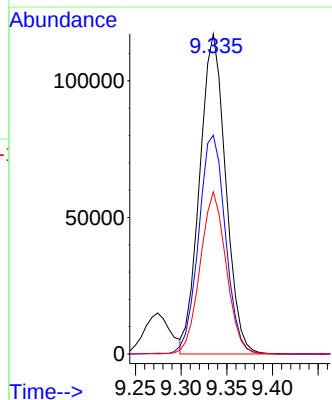
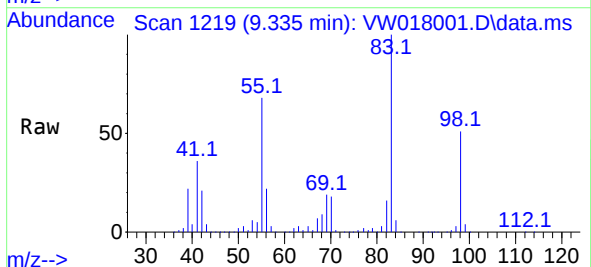
Instrument :  
MSVOA\_W  
ClientSampleId :

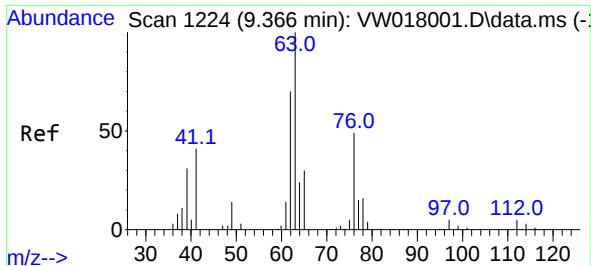
Tgt Ion: 95 Resp: 131637  
Ion Ratio Lower Upper  
95 100  
97 63.9 45.0 83.6  
132 101.2 71.0 131.8  
130 102.8 75.6 140.4



#36  
Methylcyclohexane  
Concen: 27.29 ug/L  
RT: 9.335 min Scan# 1219  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

Tgt Ion: 83 Resp: 231642  
Ion Ratio Lower Upper  
83 100  
55 70.6 59.4 89.0  
98 50.6 40.7 61.1

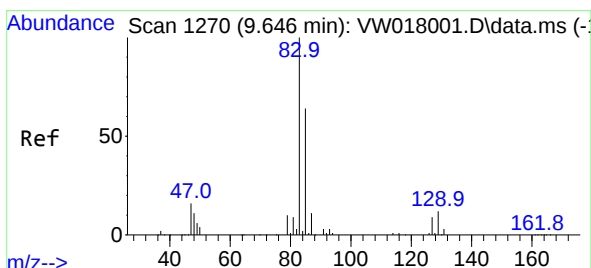
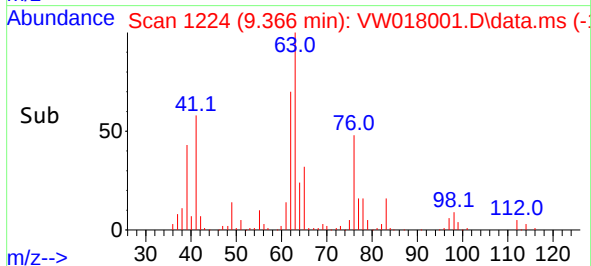
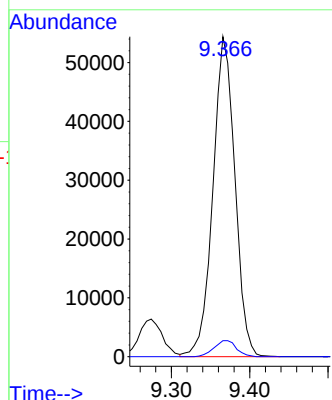
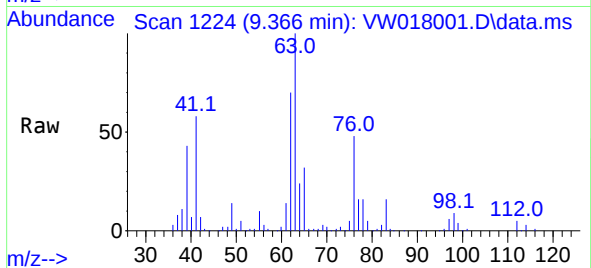




#40  
1,2-Dichloropropane  
Concen: 24.82 ug/L  
RT: 9.366 min Scan# 1224  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

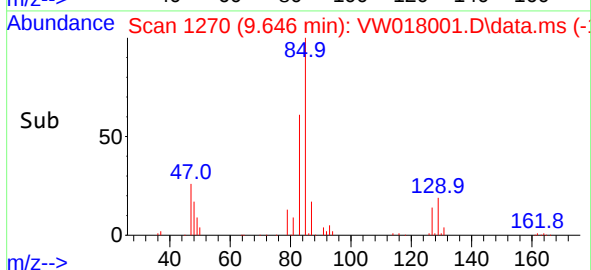
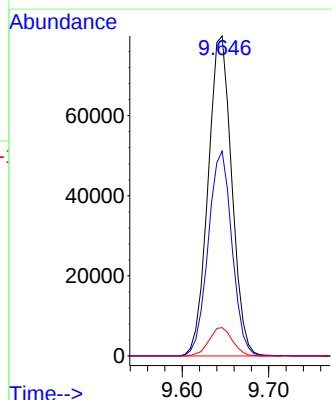
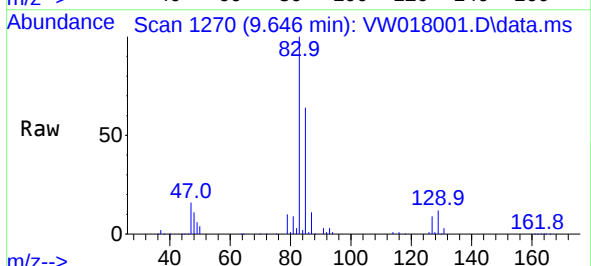
Instrument :  
MSVOA\_W  
ClientSampled :

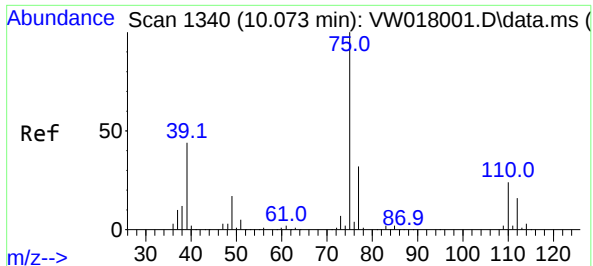
Tgt Ion: 63 Resp: 106281  
Ion Ratio Lower Upper  
63 100  
112 5.1 4.2 6.4



#41  
Bromodichloromethane  
Concen: 26.55 ug/L  
RT: 9.646 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

Tgt Ion: 83 Resp: 151887  
Ion Ratio Lower Upper  
83 100  
85 64.0 46.8 86.8  
127 8.8 7.6 11.4

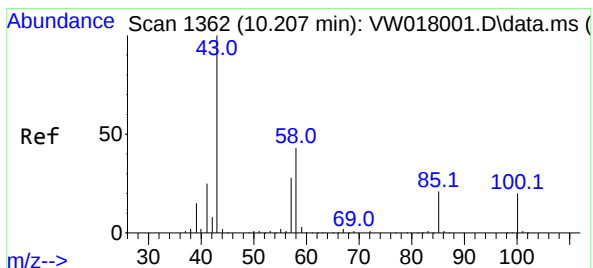
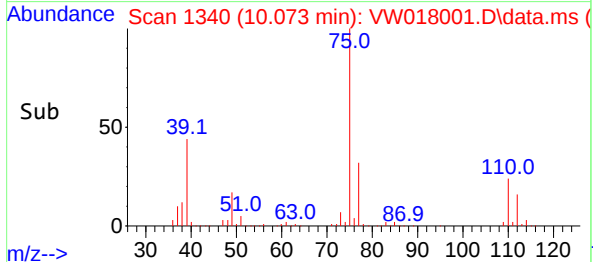
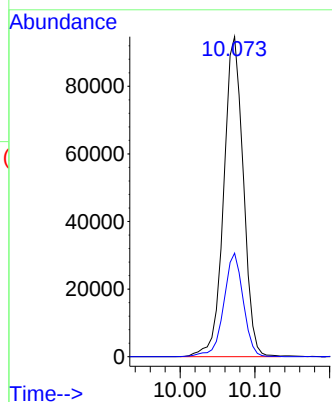
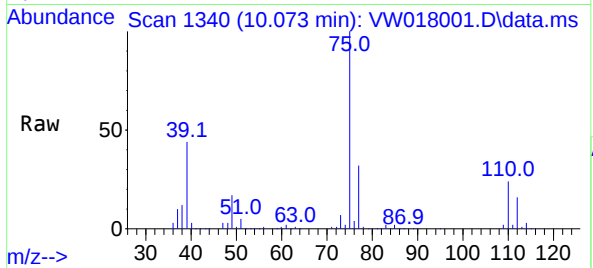




#42  
cis-1,3-Dichloropropene  
Concen: 27.18 ug/L  
RT: 10.073 min Scan# 1340  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

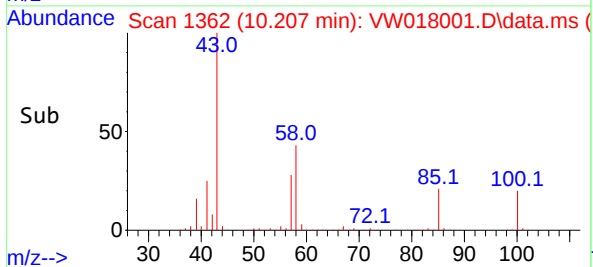
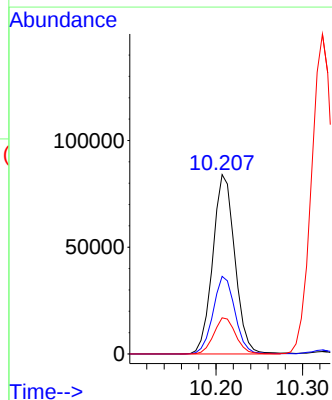
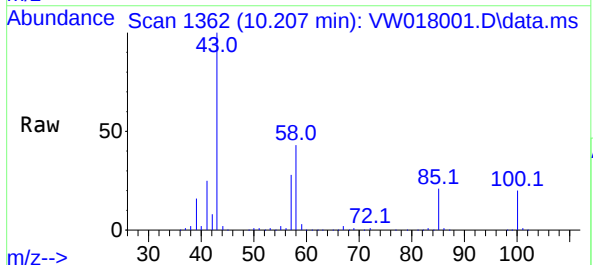
Instrument :  
MSVOA\_W  
ClientSampled :

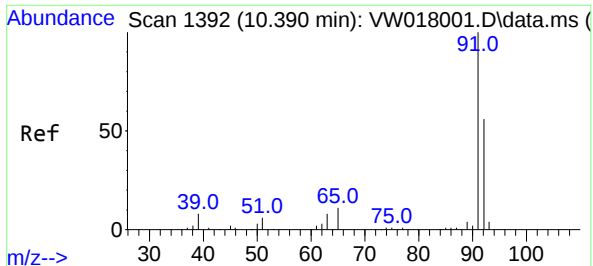
Tgt Ion: 75 Resp: 172755  
Ion Ratio Lower Upper  
75 100  
77 32.3 22.7 42.3



#43  
4-Methyl-2-pentanone  
Concen: 59.68 ug/L  
RT: 10.207 min Scan# 1362  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

Tgt Ion: 43 Resp: 149054  
Ion Ratio Lower Upper  
43 100  
58 42.9 31.6 47.4  
100 20.0 14.1 21.1

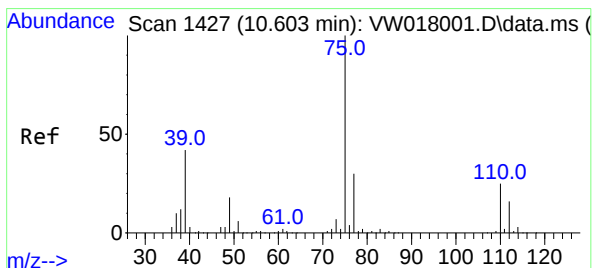
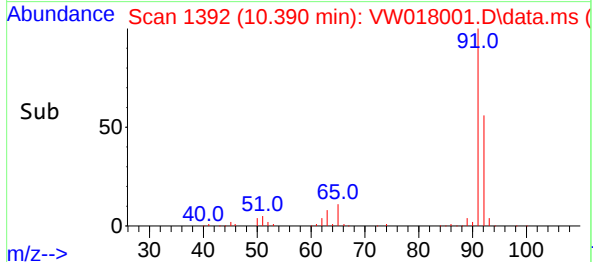
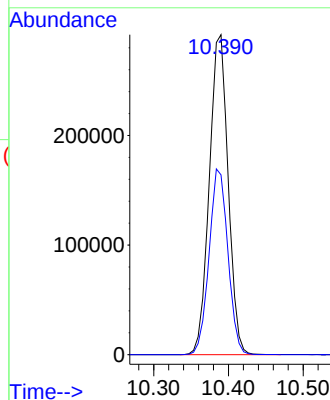
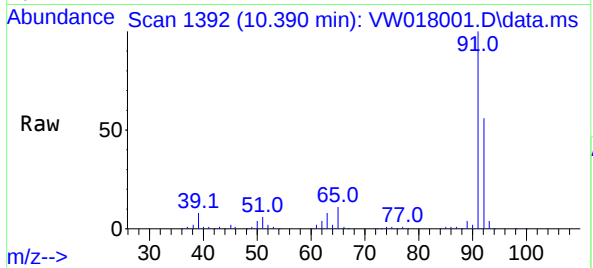




#44  
Toluene  
Concen: 26.12 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

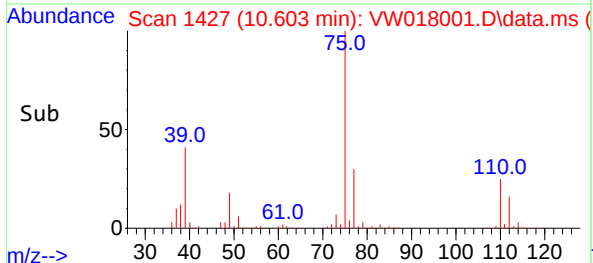
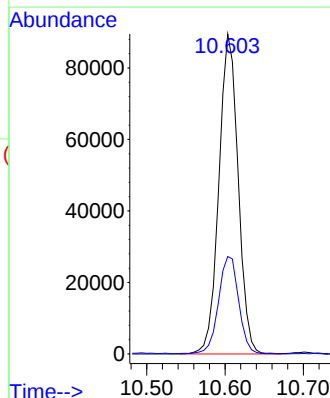
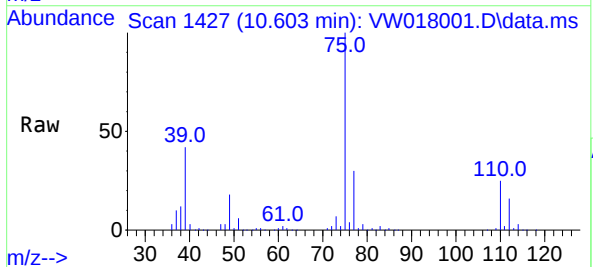
Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion: 91 Resp: 511837  
Ion Ratio Lower Upper  
91 100  
92 56.2 41.6 77.3

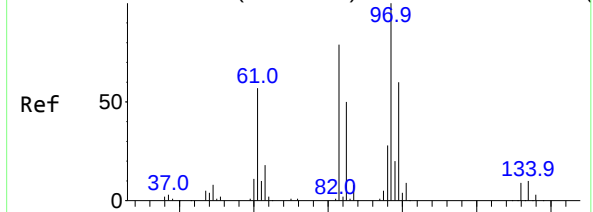


#45  
trans-1,3-Dichloropropene  
Concen: 27.68 ug/L  
RT: 10.603 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

Tgt Ion: 75 Resp: 153117  
Ion Ratio Lower Upper  
75 100  
77 30.4 22.6 42.0



Abundance Scan 1457 (10.786 min): VW018001.D\data.ms (



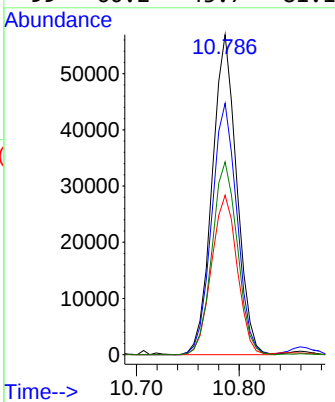
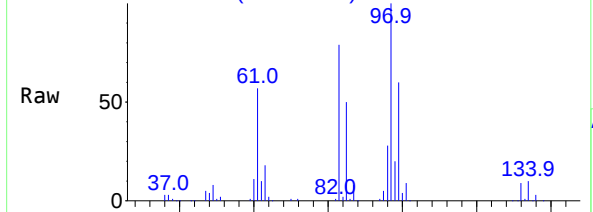
#46

1,1,2-Trichloroethane  
Concen: 29.09 ug/L  
RT: 10.786 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

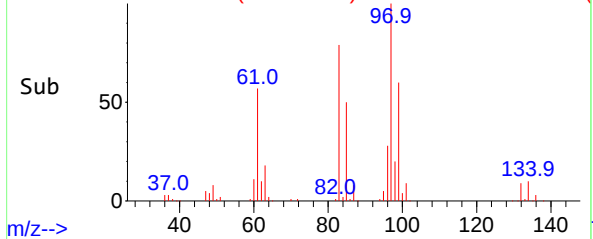
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 94550 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 78.5  | 58.5  | 108.7 |
| 85       | 49.8  | 37.8  | 70.2  |
| 99       | 60.2  | 43.7  | 81.1  |

Instrument :  
MSVOA\_W  
ClientSampled :

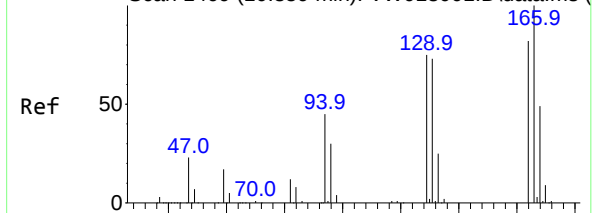
Abundance Scan 1457 (10.786 min): VW018001.D\data.ms



Abundance Scan 1457 (10.786 min): VW018001.D\data.ms (



Abundance Scan 1469 (10.859 min): VW018001.D\data.ms (

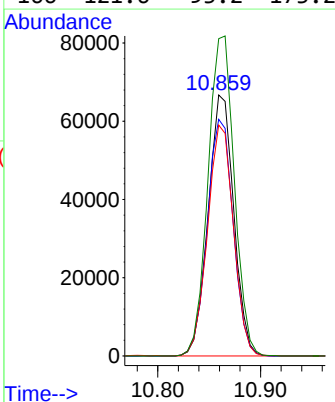
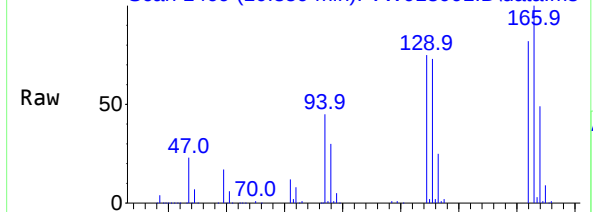


#47

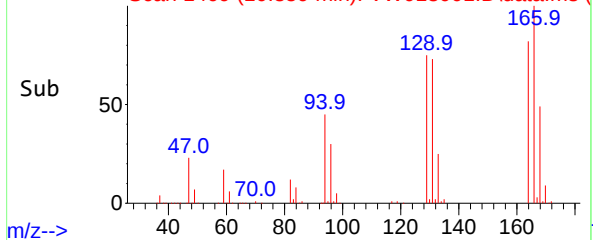
Tetrachloroethene  
Concen: 28.66 ug/L  
RT: 10.859 min Scan# 1469  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 115565 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 129      | 90.7  | 67.6  | 125.6  |
| 131      | 88.5  | 65.2  | 121.2  |
| 166      | 121.6 | 93.2  | 173.2  |

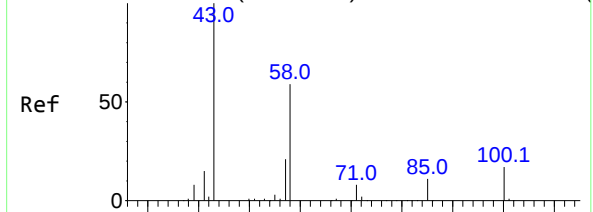
Abundance Scan 1469 (10.859 min): VW018001.D\data.ms



Abundance Scan 1469 (10.859 min): VW018001.D\data.ms (

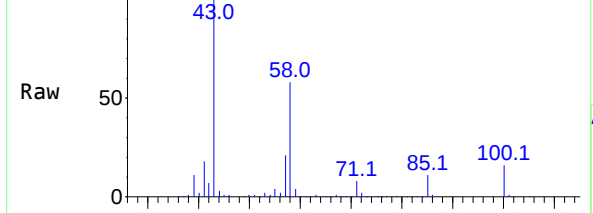


Abundance Scan 1487 (10.969 min): VW018001.D\data.ms (



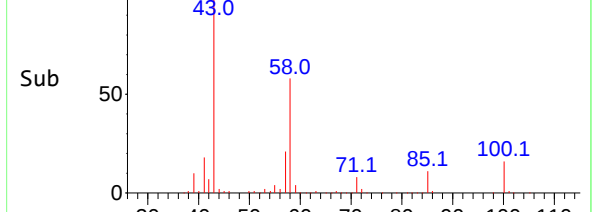
m/z-->

Abundance Scan 1487 (10.969 min): VW018001.D\data.ms



m/z-->

Abundance Scan 1487 (10.969 min): VW018001.D\data.ms (



m/z-->

#49

2-Hexanone

Concen: 61.84 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VW018001.D

Acq: 29 Jan 2021 14:56

Tgt Ion: 43 Resp: 107925

Ion Ratio Lower Upper

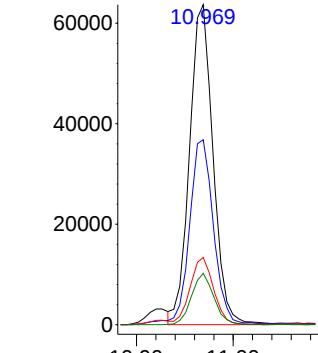
43 100

58 59.1 51.3 76.9

57 20.9 15.0 22.6

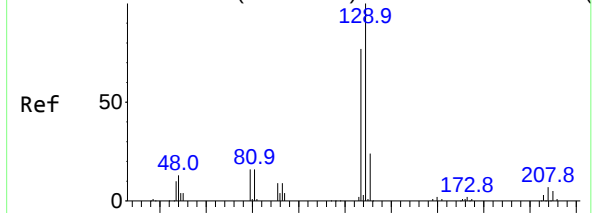
100 15.2 12.2 18.2

Abundance



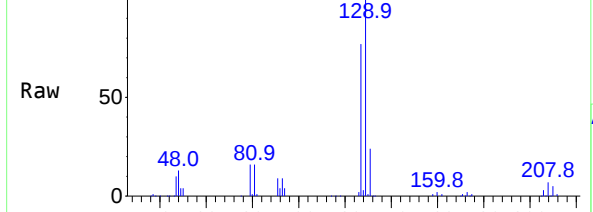
Time-->

Abundance Scan 1513 (11.128 min): VW018001.D\data.ms (



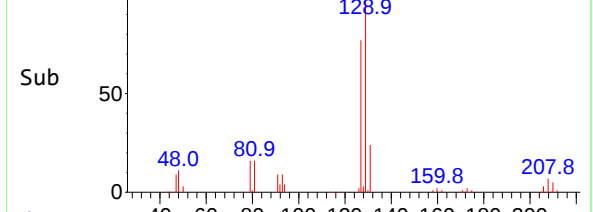
m/z-->

Abundance Scan 1513 (11.128 min): VW018001.D\data.ms



m/z-->

Abundance Scan 1513 (11.128 min): VW018001.D\data.ms (



m/z-->

#50

Dibromochloromethane

Concen: 28.86 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW018001.D

Acq: 29 Jan 2021 14:56

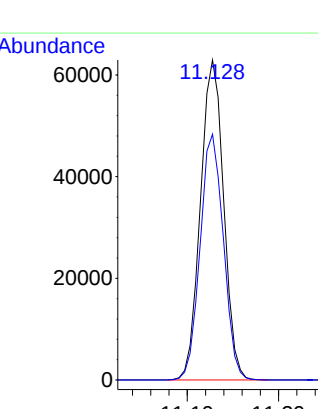
Tgt Ion:129 Resp: 110891

Ion Ratio Lower Upper

129 100

127 76.8 53.2 98.8

Abundance

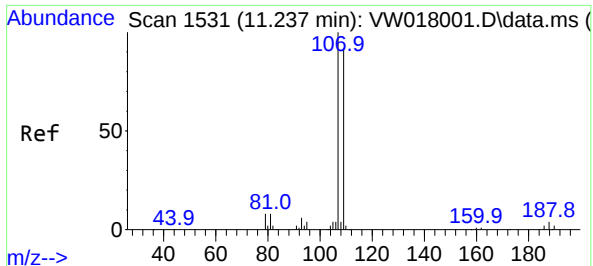


Time-->

Instrument :

MSVOA\_W

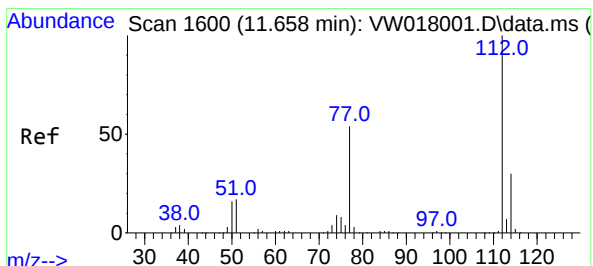
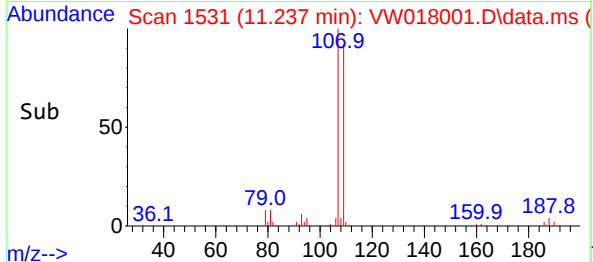
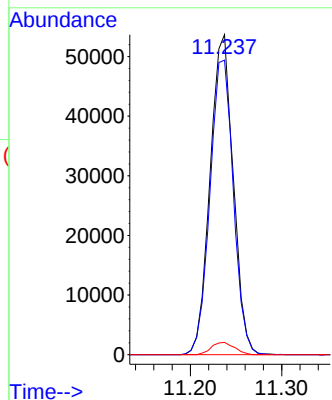
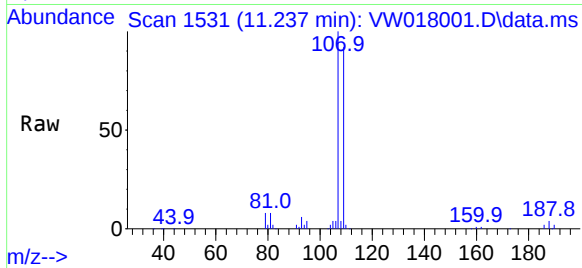
ClientSampleId :



#51  
1,2-Dibromoethane  
Concen: 29.64 ug/L  
RT: 11.237 min Scan# 1531  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

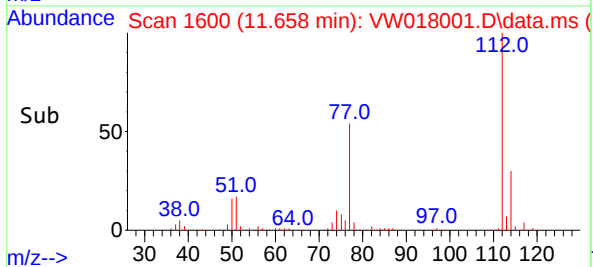
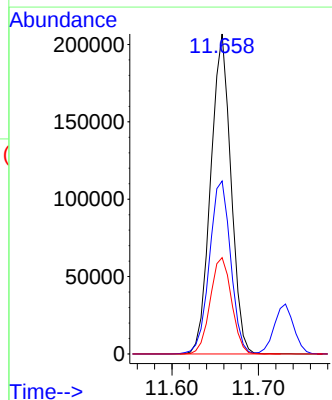
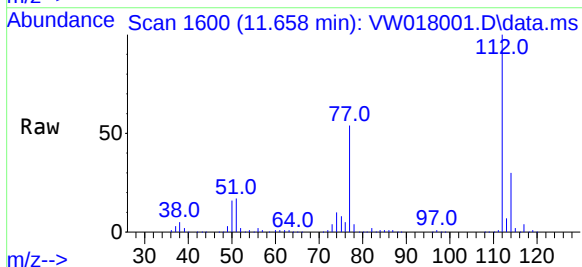
Instrument :  
MSVOA\_W  
ClientSampleId :

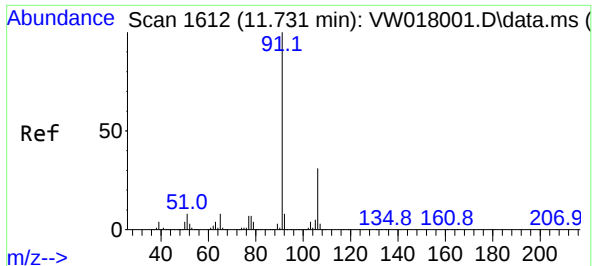
Tgt Ion:107 Resp: 94413  
Ion Ratio Lower Upper  
107 100  
109 92.0 66.4 123.2  
188 3.8 4.0 6.0#



#52  
Chlorobenzene  
Concen: 26.40 ug/L  
RT: 11.658 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

Tgt Ion:112 Resp: 335166  
Ion Ratio Lower Upper  
112 100  
77 54.1 42.6 64.0  
114 30.1 21.6 40.2

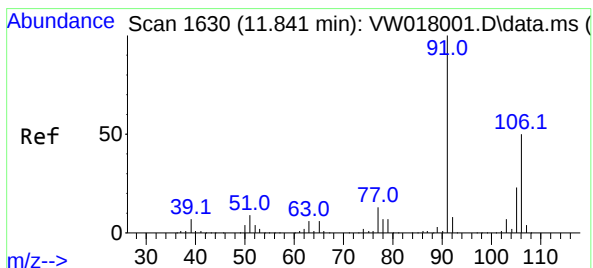
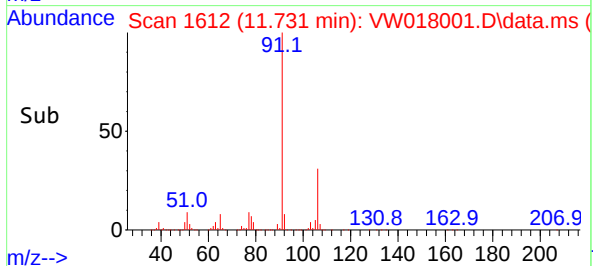
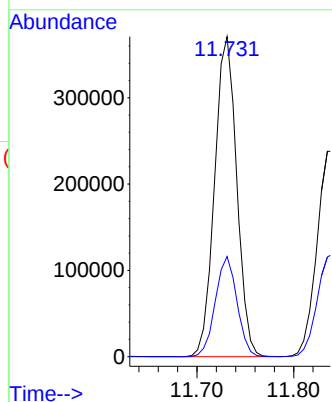
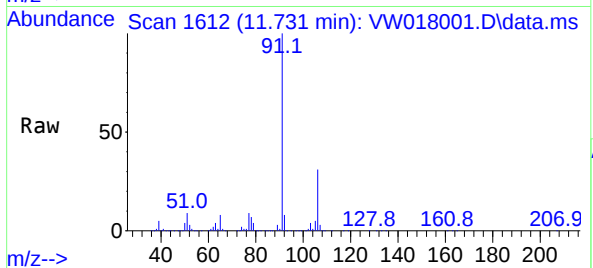




#53  
Ethylbenzene  
Concen: 26.39 ug/L  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

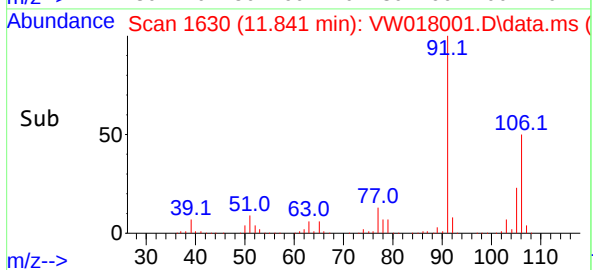
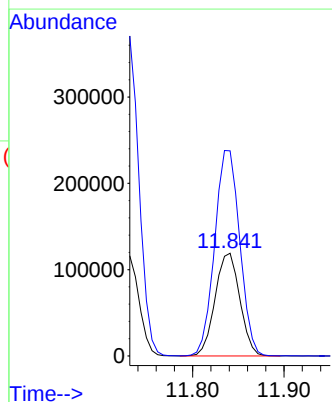
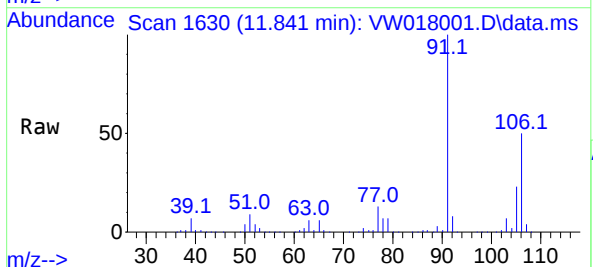
Instrument :  
MSVOA\_W  
ClientSampled :

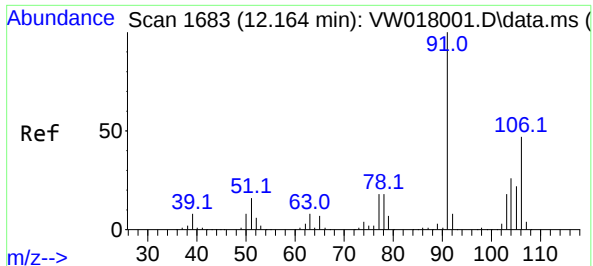
Tgt Ion: 91 Resp: 588855  
Ion Ratio Lower Upper  
91 100  
106 31.3 21.1 39.1



#54  
m,p-Xylene  
Concen: 26.07 ug/L  
RT: 11.841 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

Tgt Ion:106 Resp: 224050  
Ion Ratio Lower Upper  
106 100  
91 199.7 136.4 253.4

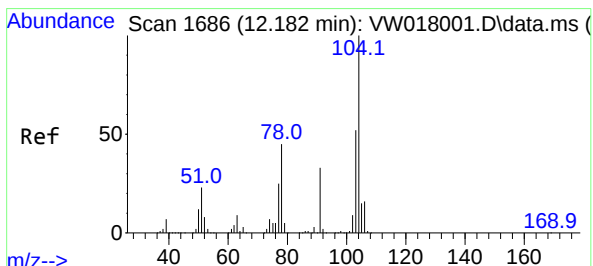
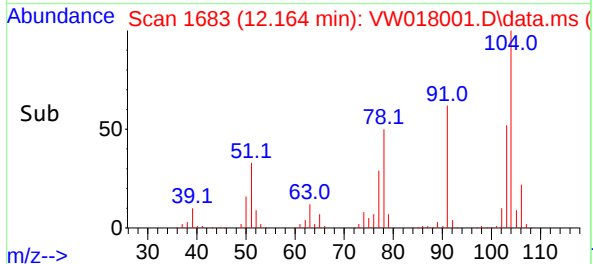
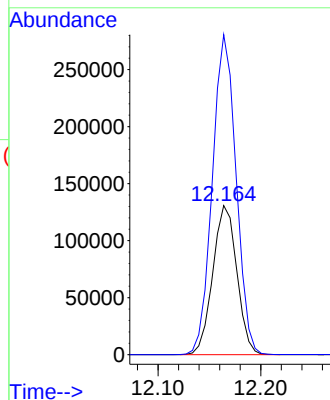
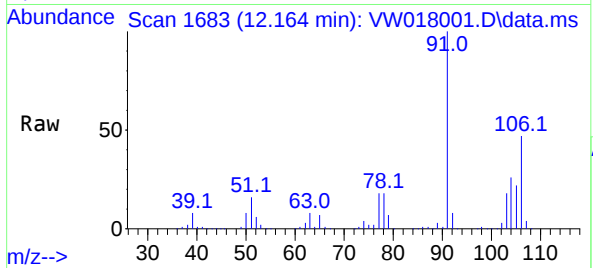




#55  
o-xylene  
Concen: 26.58 ug/L  
RT: 12.164 min Scan# 1683  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

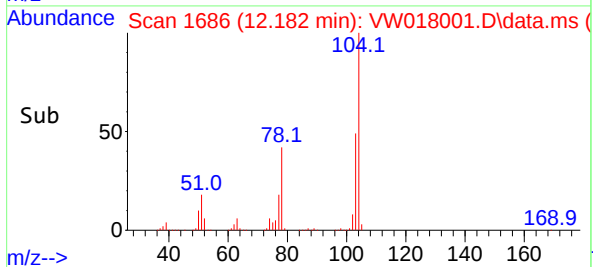
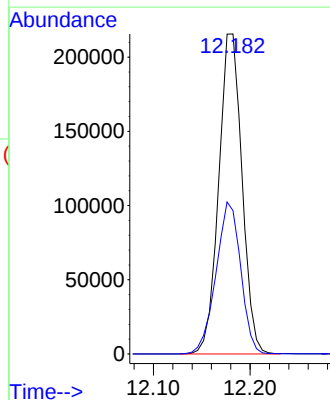
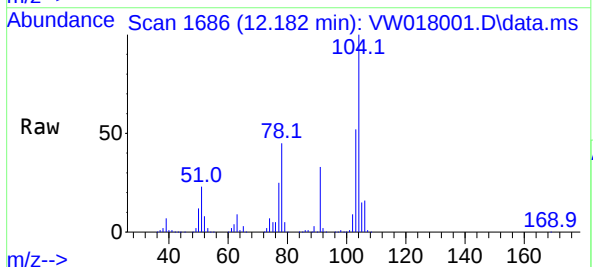
Instrument :  
MSVOA\_W  
ClientSampled :

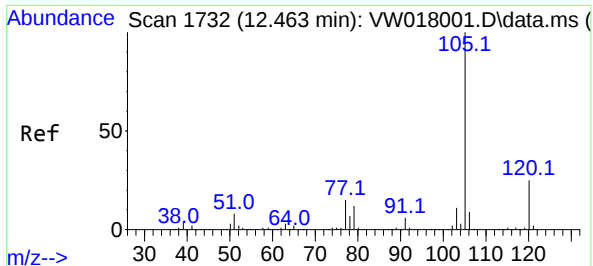
Tgt Ion:106 Resp: 212268  
Ion Ratio Lower Upper  
106 100  
91 214.7 147.6 274.2



#56  
Styrene  
Concen: 26.62 ug/L  
RT: 12.182 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

Tgt Ion:104 Resp: 360074  
Ion Ratio Lower Upper  
104 100  
78 44.8 31.3 58.1



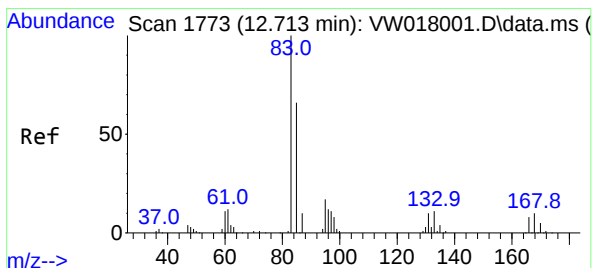
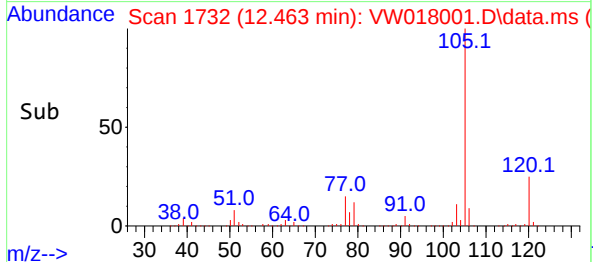
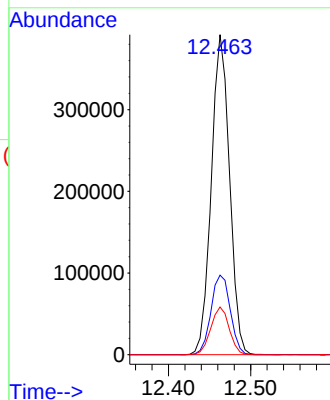
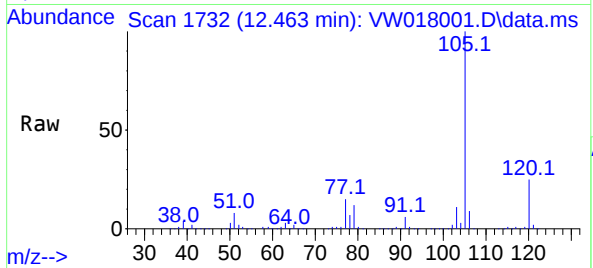


#57  
Isopropylbenzene  
Concen: 26.82 ug/L  
RT: 12.463 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion:105 Resp: 603066

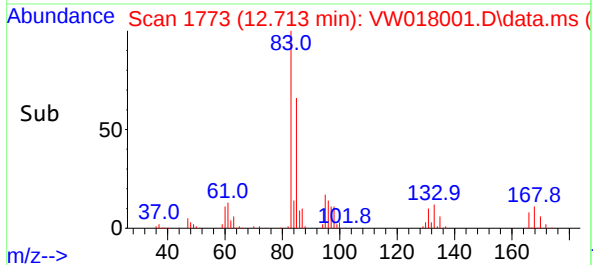
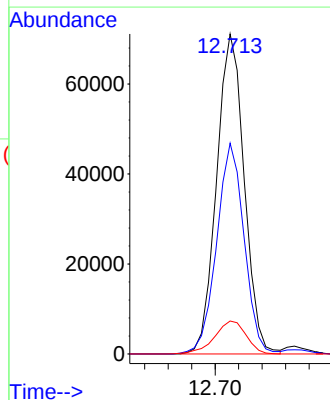
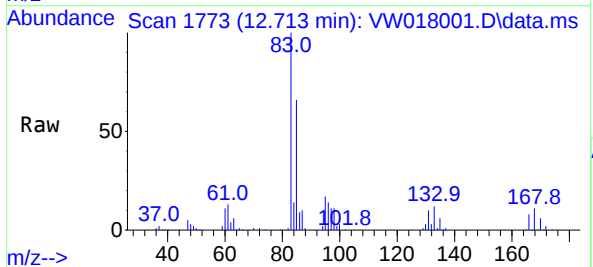
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 120 | 26.3  | 21.4  | 32.2  |
| 77  | 15.0  | 12.1  | 18.1  |



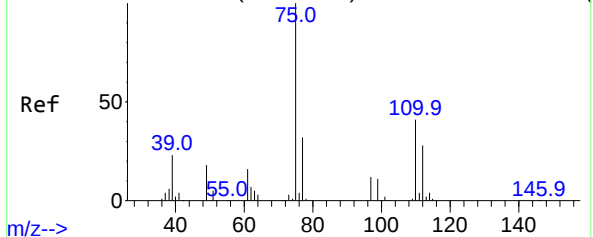
#58  
1,1,2,2-Tetrachloroethane  
Concen: 30.02 ug/L  
RT: 12.713 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

Tgt Ion: 83 Resp: 116168

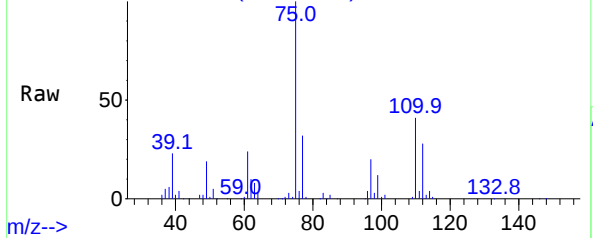
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 65.8  | 45.3  | 84.1  |
| 131 | 10.3  | 8.3   | 12.5  |



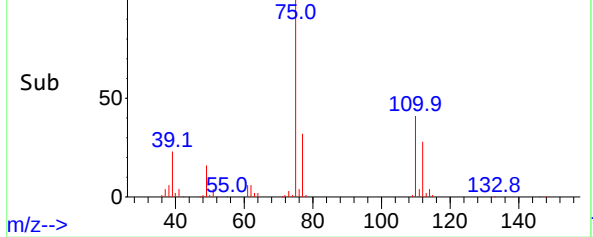
Abundance Scan 1782 (12.768 min): VW018001.D\data.ms (



m/z--> Abundance Scan 1782 (12.768 min): VW018001.D\data.ms



m/z--> Abundance Scan 1782 (12.768 min): VW018001.D\data.ms (

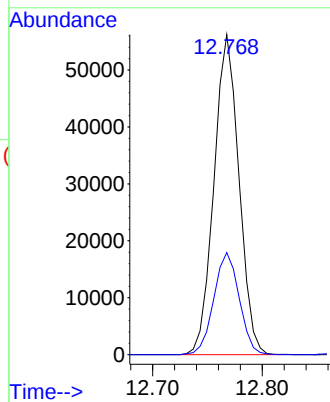


m/z-->

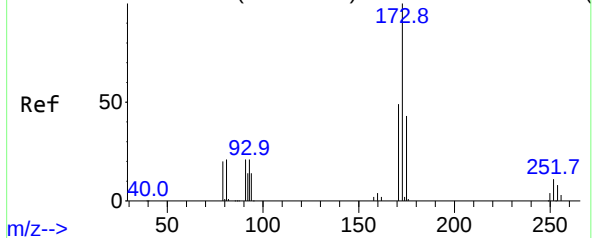
#59

1,2,3-Trichloropropane  
Concen: 31.31 ug/L  
RT: 12.768 min Scan# 1782  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

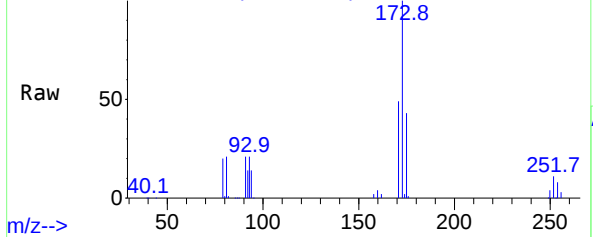
Tgt Ion: 75 Resp: 89100  
Ion Ratio Lower Upper  
75 100  
77 32.4 26.6 39.8



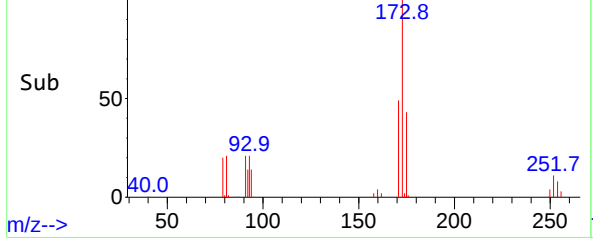
Abundance Scan 1713 (12.347 min): VW018001.D\data.ms (



m/z--> Abundance Scan 1713 (12.347 min): VW018001.D\data.ms



m/z--> Abundance Scan 1713 (12.347 min): VW018001.D\data.ms (

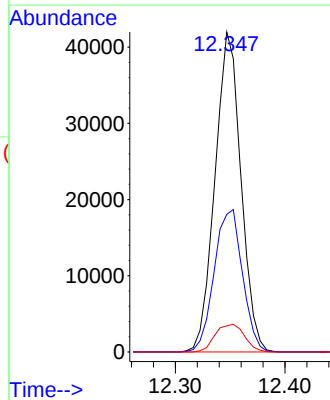


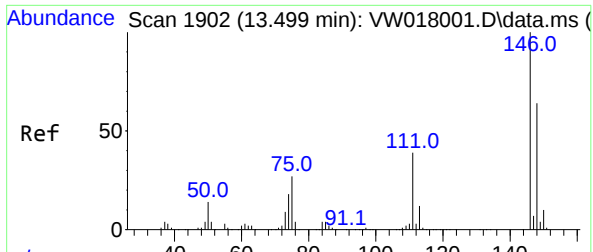
m/z-->

#62

Bromoform  
Concen: 31.86 ug/L  
RT: 12.347 min Scan# 1713  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

Tgt Ion: 173 Resp: 69076  
Ion Ratio Lower Upper  
173 100  
175 48.5 39.1 58.7  
254 9.8 7.1 10.7

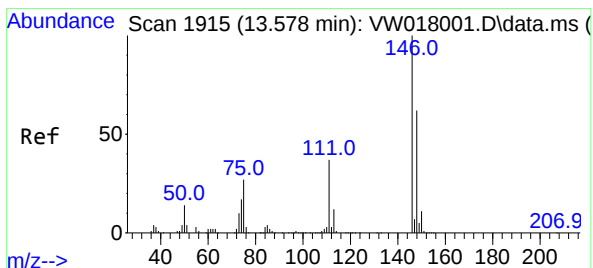
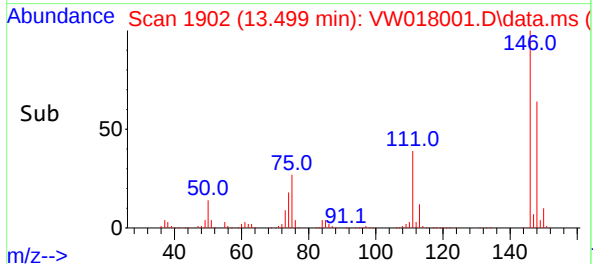
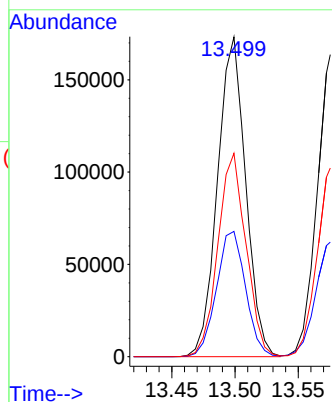
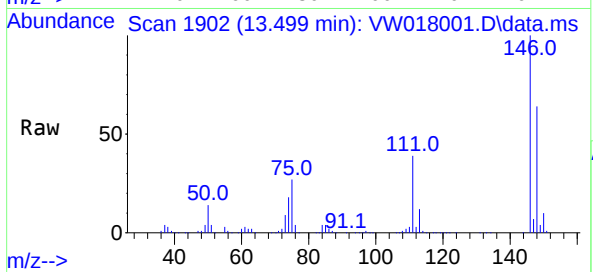




#63  
1,3-Dichlorobenzene  
Concen: 25.83 ug/L  
RT: 13.499 min Scan# 1902  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

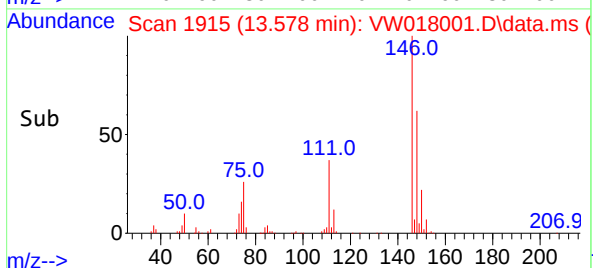
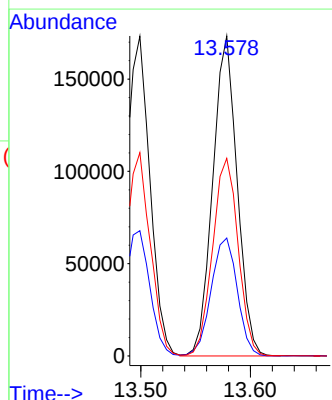
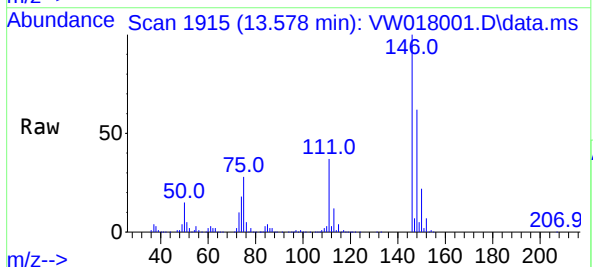
Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion:146 Resp: 267893  
Ion Ratio Lower Upper  
146 100  
111 39.2 28.5 52.9  
148 63.6 47.8 88.8

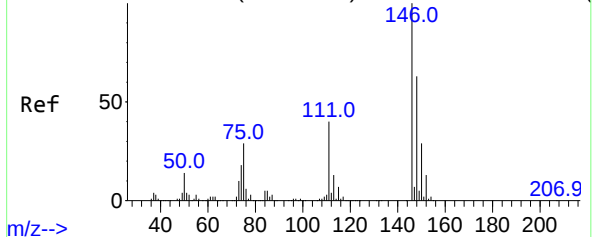


#64  
1,4-Dichlorobenzene  
Concen: 25.90 ug/L  
RT: 13.578 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

Tgt Ion:146 Resp: 268301  
Ion Ratio Lower Upper  
146 100  
111 36.9 27.7 51.5  
148 61.7 47.0 87.2



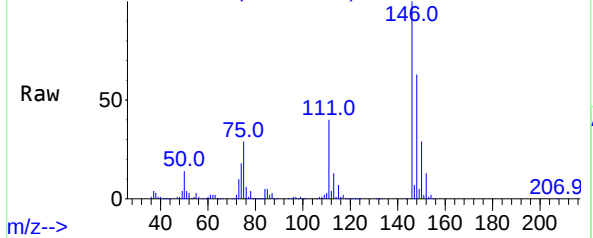
Abundance Scan 1963 (13.871 min): VW018001.D\data.ms (



#65  
1,2-Dichlorobenzene  
Concen: 26.79 ug/L  
RT: 13.871 min Scan# 1963  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

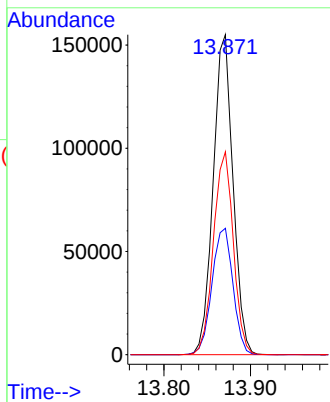
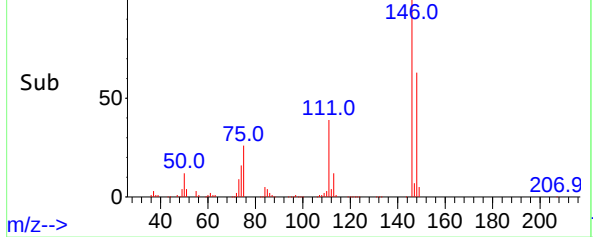
Instrument :  
MSVOA\_W  
ClientSampled :

Abundance Scan 1963 (13.871 min): VW018001.D\data.ms

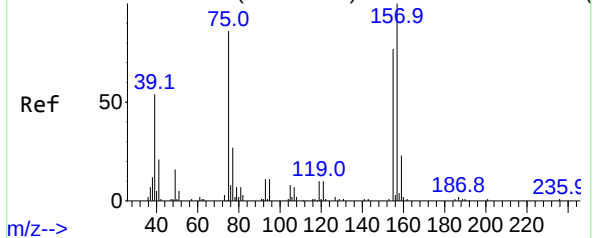


Tgt Ion:146 Resp: 246485  
Ion Ratio Lower Upper  
146 100  
111 39.5 31.7 47.5  
148 63.4 49.3 73.9

Abundance Scan 1963 (13.871 min): VW018001.D\data.ms (

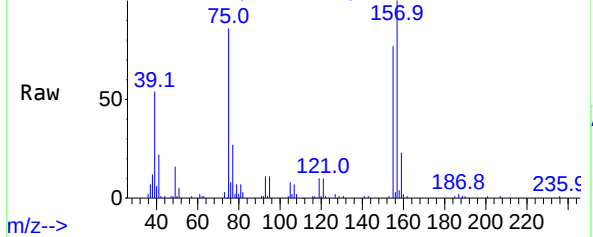


Abundance Scan 2063 (14.481 min): VW018001.D\data.ms (



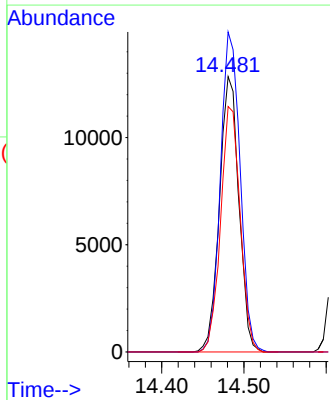
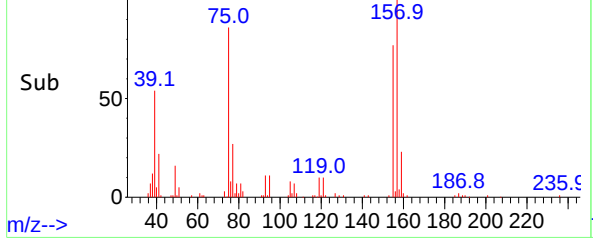
#66  
1,2-Dibromo-3-chloropropane  
Concen: 32.28 ug/L  
RT: 14.481 min Scan# 2063  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

Abundance Scan 2063 (14.481 min): VW018001.D\data.ms

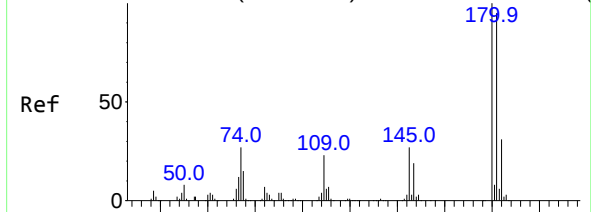


Tgt Ion: 75 Resp: 21095  
Ion Ratio Lower Upper  
75 100  
157 116.2 99.9 149.9  
155 89.1 71.4 107.0

Abundance Scan 2063 (14.481 min): VW018001.D\data.ms (

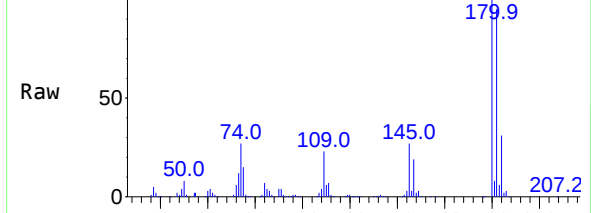


Abundance Scan 2087 (14.627 min): VW018001.D\data.ms (



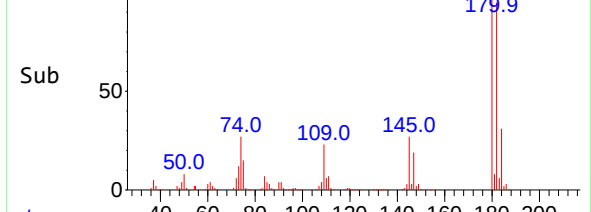
m/z-->

Abundance Scan 2087 (14.627 min): VW018001.D\data.ms



m/z-->

Abundance Scan 2087 (14.627 min): VW018001.D\data.ms (



m/z-->

#67

1,3,5-Trichlorobenzene

Concen: 28.41 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW018001.D

Acq: 29 Jan 2021 14:56

Tgt Ion:180 Resp: 213125

Ion Ratio Lower Upper

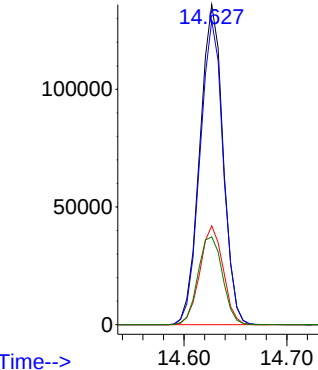
180 100

182 94.9 77.0 115.6

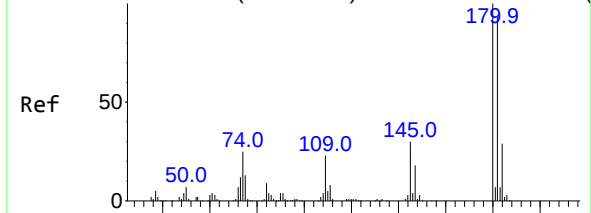
184 30.8 24.2 36.4

145 29.1 23.5 35.3

Abundance

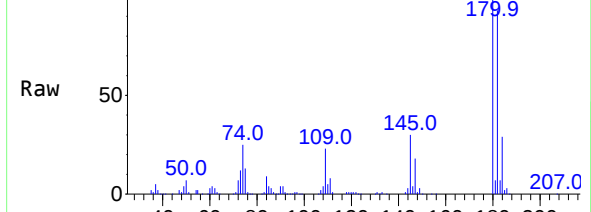


Abundance Scan 2170 (15.133 min): VW018001.D\data.ms (



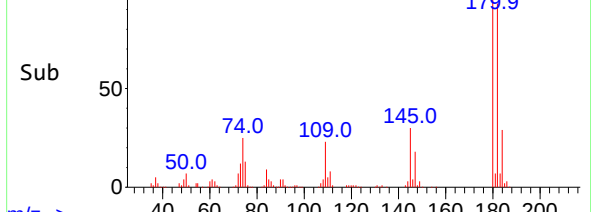
m/z-->

Abundance Scan 2170 (15.133 min): VW018001.D\data.ms



m/z-->

Abundance Scan 2170 (15.133 min): VW018001.D\data.ms (



m/z-->

#68

1,2,4-trichlorobenzene

Concen: 28.55 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VW018001.D

Acq: 29 Jan 2021 14:56

Tgt Ion:180 Resp: 177408

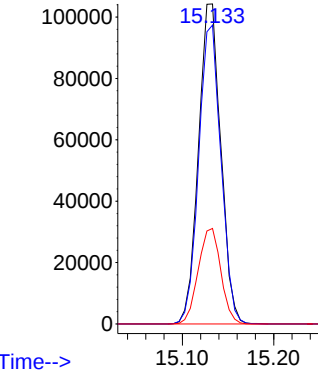
Ion Ratio Lower Upper

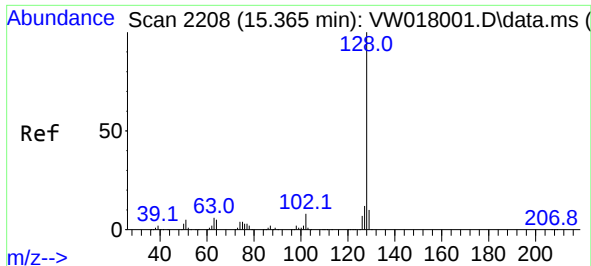
180 100

182 93.0 71.3 106.9

145 30.2 24.0 36.0

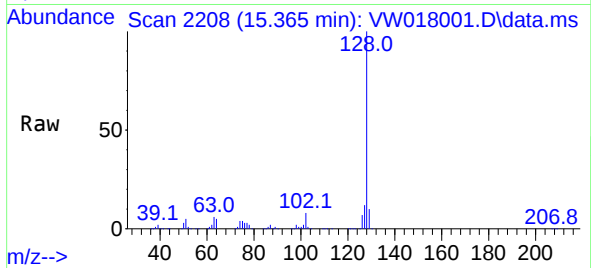
Abundance



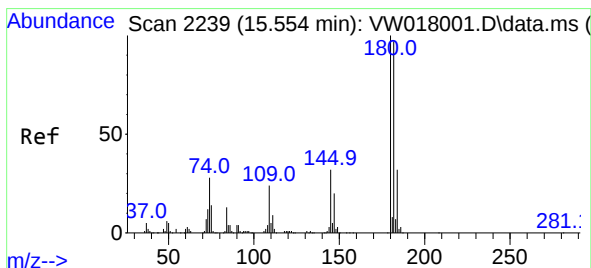
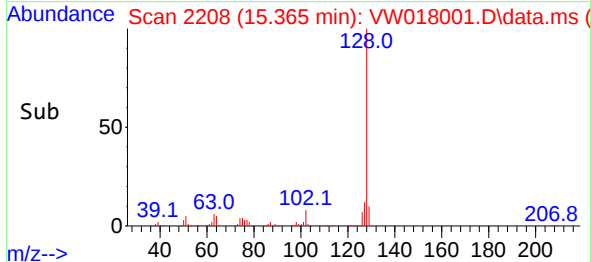
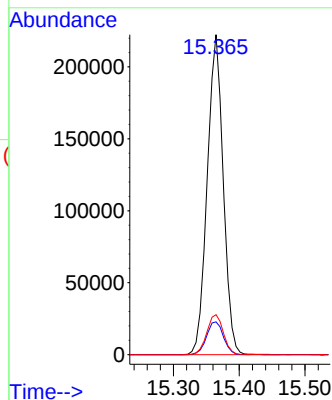


#69  
Naphthalene  
Concen: 31.16 ug/L  
RT: 15.365 min Scan# 2208  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

Instrument :  
MSVOA\_W  
ClientSampled :



Tgt Ion:128 Resp: 376700  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.7 13.1  
127 13.0 10.7 16.1



#70  
1,2,3-Trichlorobenzene  
Concen: 29.54 ug/L  
RT: 15.554 min Scan# 2239  
Delta R.T. 0.000 min  
Lab File: VW018001.D  
Acq: 29 Jan 2021 14:56

Tgt Ion:180 Resp: 159220  
Ion Ratio Lower Upper  
180 100  
182 94.0 74.7 112.1  
145 32.1 25.4 38.0

