

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051421\  
 Data File : VW018995.D  
 Acq On : 14 May 2021 10:56  
 Operator : SY/VA  
 Sample : VSTD02502  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: May 14 11:27:38 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM051421SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri May 14 11:26:32 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114  | 579972   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117  | 529584   | 25.00 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152  | 269825   | 25.00 | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65   | 146763   | 21.88 | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 2.892  | 69   | 129069   | 23.46 | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63   | 318077   | 24.22 | ug/L  | 0.00     |
| 21) 2-Butanone-d5             | 7.080  | 46   | 77895    | 51.49 | ug/L  | 0.00     |
| 24) Chloroform-d              | 7.653  | 84   | 352198   | 24.41 | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65   | 181827   | 24.57 | ug/L  | 0.00     |
| 32) Benzene-d6                | 8.275  | 84   | 693932   | 24.33 | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67   | 204689   | 24.50 | ug/L  | 0.00     |
| 41) Toluene-d8                | 10.323 | 98   | 655560   | 24.80 | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79   | 90884    | 25.53 | ug/L  | 0.00     |
| 47) 2-Hexanone-d5             | 10.927 | 63   | 65549    | 52.37 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84   | 161494   | 24.95 | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152  | 221444   | 24.48 | ug/L  | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.014  | 85   | 157336   | 29.12 | ug/L  | 100      |
| 3) Chloromethane              | 2.221  | 50   | 150702   | 27.88 | ug/L  | 100      |
| 5) Vinyl chloride             | 2.367  | 62   | 211458   | 25.59 | ug/L  | 96       |
| 6) Bromomethane               | 2.782  | 94   | 152437   | 23.82 | ug/L  | 98       |
| 8) Chloroethane               | 2.934  | 64   | 133851   | 25.88 | ug/L  | 94       |
| 9) Trichlorofluoromethane     | 3.270  | 101  | 137377   | 24.11 | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.068  | 101  | 191397   | 26.64 | ug/L  | 96       |
| 12) 1,1-Dichloroethene        | 4.044  | 96   | 190537   | 26.56 | ug/L  | 94       |
| 13) Acetone                   | 4.129  | 43   | 55030    | 49.67 | ug/L  | 85       |
| 14) Carbon disulfide          | 4.391  | 76   | 549031   | 25.72 | ug/L  | 99       |
| 15) Methyl Acetate            | 4.672  | 43   | 66329    | 26.81 | ug/L  | 95       |
| 16) Methylene chloride        | 4.916  | 84   | 203483   | 21.78 | ug/L  | 95       |
| 17) trans-1,2-Dichloroethene  | 5.434  | 96   | 205108   | 26.41 | ug/L  | 92       |
| 18) Methyl tert-butyl Ether   | 5.428  | 73   | 251072   | 25.54 | ug/L  | 98       |
| 19) 1,1-Dichloroethane        | 6.220  | 63   | 352687   | 26.14 | ug/L  | 98       |
| 20) cis-1,2-Dichloroethene    | 7.171  | 96   | 213096   | 25.87 | ug/L  | 95       |
| 22) 2-Butanone                | 7.171  | 43   | 87984    | 52.52 | ug/L  | 96       |
| 23) Bromochloromethane        | 7.519  | 128  | 91017    | 25.15 | ug/L  | 91       |
| 25) Chloroform                | 7.677  | 83   | 364433   | 25.97 | ug/L  | 98       |
| 27) 1,2-Dichloroethane        | 8.403  | 62   | 231855   | 25.95 | ug/L  | 98       |
| 29) Cyclohexane               | 7.958  | 56   | 324514   | 27.76 | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 7.872  | 97   | 289515   | 26.14 | ug/L  | 98       |
| 31) Carbon tetrachloride      | 8.074  | 117  | 262758   | 26.08 | ug/L  | 99       |
| 33) Benzene                   | 8.323  | 78   | 803093   | 26.01 | ug/L  | 100      |
| 34) Trichloroethene           | 9.092  | 95   | 212073   | 26.05 | ug/L  | 94       |
| 35) Methylcyclohexane         | 9.335  | 83   | 377147   | 27.31 | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 9.372  | 63   | 191210   | 25.71 | ug/L  | 99       |
| 38) Bromodichloromethane      | 9.646  | 83   | 256703   | 26.20 | ug/L  | 98       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 297995   | 26.39 | ug/L  | 98       |
| 40) 4-Methyl-2-pentanone      | 10.207 | 43   | 200983   | 52.77 | ug/L  | 94       |
| 42) Toluene                   | 10.390 | 91   | 893482   | 26.40 | ug/L  | 97       |
| 44) trans-1,3-Dichloropropene | 10.604 | 75   | 259869   | 26.73 | ug/L  | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051421\  
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 Sample : VSTD02502  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: May 14 11:27:38 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM051421SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri May 14 11:26:32 2021  
 Response via : Initial Calibration

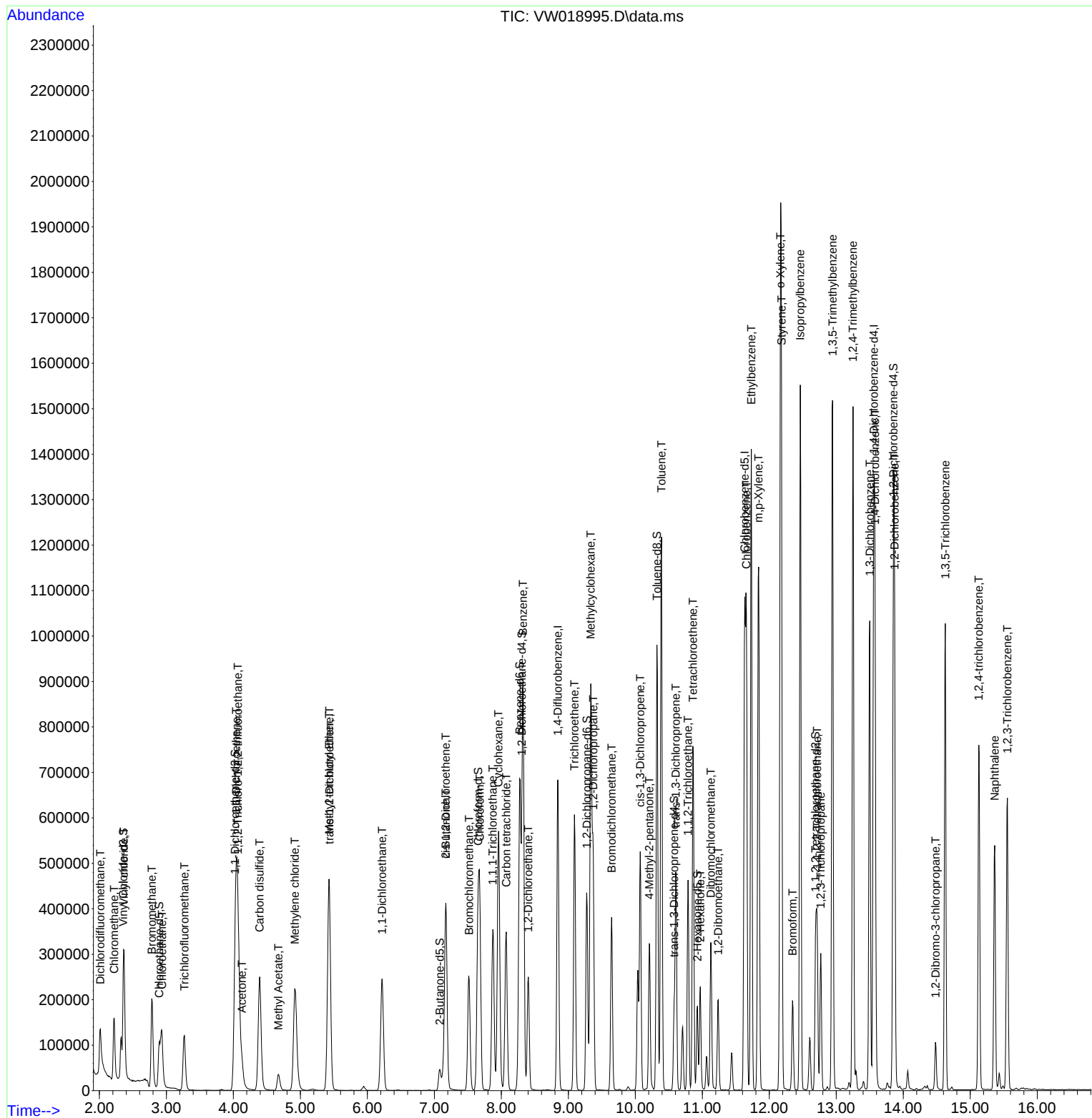
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 142495   | 25.78 | ug/L   | 98       |
| 46) Tetrachloroethene         | 10.860 | 164  | 168268   | 26.19 | ug/L   | 96       |
| 48) 2-Hexanone                | 10.969 | 43   | 134620   | 55.68 | ug/L   | 93       |
| 49) Dibromochloromethane      | 11.128 | 129  | 161621   | 25.69 | ug/L   | 95       |
| 50) 1,2-Dibromoethane         | 11.238 | 107  | 132946   | 25.23 | ug/L # | 98       |
| 51) Chlorobenzene             | 11.658 | 112  | 540071   | 25.40 | ug/L   | 99       |
| 52) Ethylbenzene              | 11.731 | 91   | 983390   | 26.52 | ug/L   | 98       |
| 53) m,p-Xylene                | 11.841 | 106  | 374432   | 26.55 | ug/L   | 100      |
| 54) o-Xylene                  | 12.164 | 106  | 347729   | 26.05 | ug/L   | 91       |
| 55) Styrene                   | 12.183 | 104  | 598797   | 26.26 | ug/L   | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 166498   | 25.88 | ug/L   | 97       |
| 59) Bromoform                 | 12.347 | 173  | 89254    | 25.76 | ug/L   | 96       |
| 60) Isopropylbenzene          | 12.463 | 105  | 981277   | 27.01 | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 120394   | 25.66 | ug/L   | 99       |
| 62) 1,3,5-Trimethylbenzene    | 12.945 | 105  | 809145   | 26.99 | ug/L   | 100      |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 809209   | 26.90 | ug/L   | 100      |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 419606   | 26.07 | ug/L   | 98       |
| 65) 1,4-Dichlorobenzene       | 13.579 | 146  | 419537   | 25.63 | ug/L   | 91       |
| 67) 1,2-Dichlorobenzene       | 13.871 | 146  | 376129   | 26.00 | ug/L   | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 25457    | 26.17 | ug/L   | 88       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 315004   | 26.71 | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180  | 247689   | 25.81 | ug/L   | 99       |
| 71) Naphthalene               | 15.365 | 128  | 462913   | 26.99 | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 217462   | 26.07 | ug/L   | 97       |

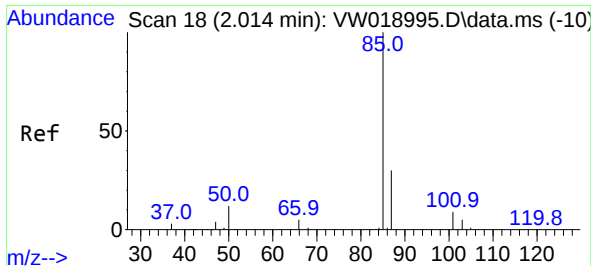
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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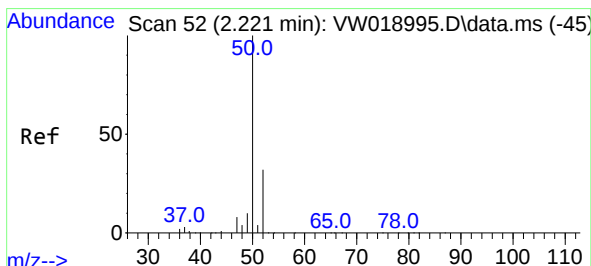
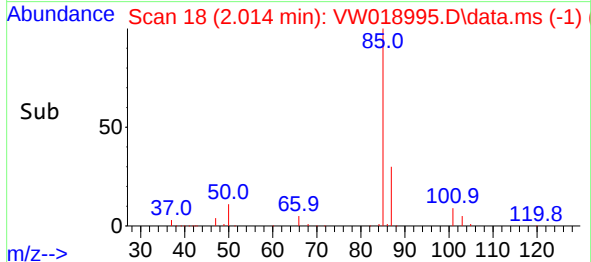
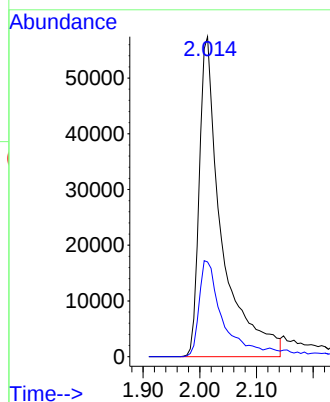
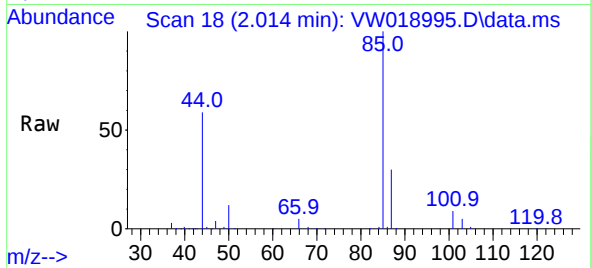




#2  
 Dichlorodifluoromethane  
 Concen: 29.12 ug/L  
 RT: 2.014 min Scan# 18  
 Delta R.T. 0.000 min  
 Lab File: VW018995.D  
 Acq: 14 May 2021 10:56

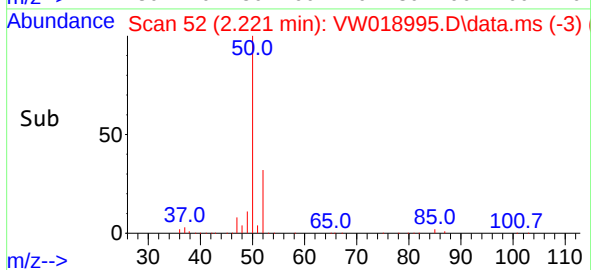
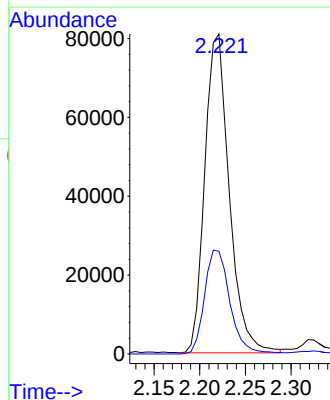
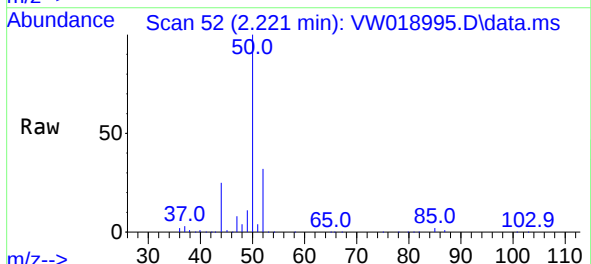
Instrument :  
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 ClientSampled :

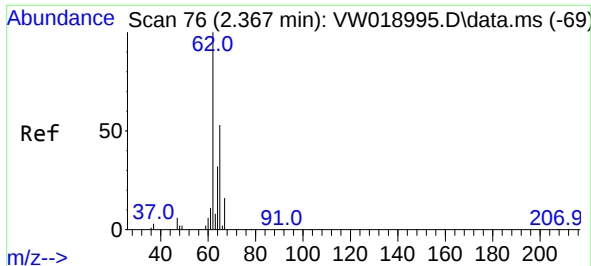
Tgt Ion: 85 Resp: 157336  
 Ion Ratio Lower Upper  
 85 100  
 87 29.0 23.3 34.9



#3  
 Chloromethane  
 Concen: 27.88 ug/L  
 RT: 2.221 min Scan# 52  
 Delta R.T. 0.000 min  
 Lab File: VW018995.D  
 Acq: 14 May 2021 10:56

Tgt Ion: 50 Resp: 150702  
 Ion Ratio Lower Upper  
 50 100  
 52 32.1 22.5 41.9

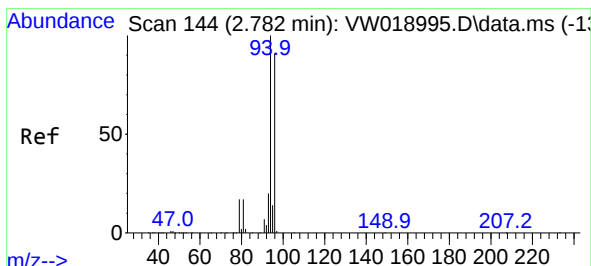
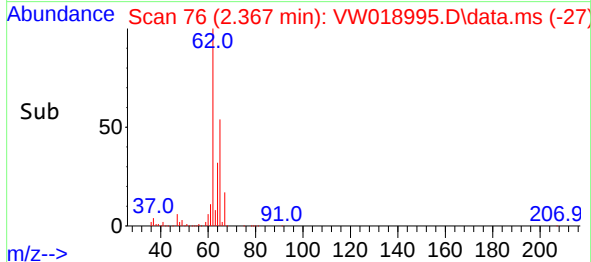
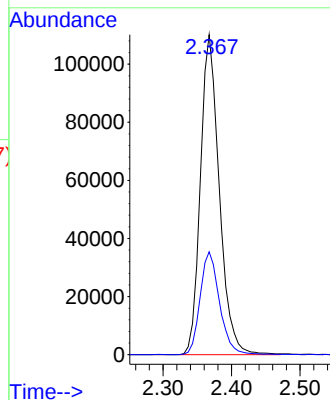
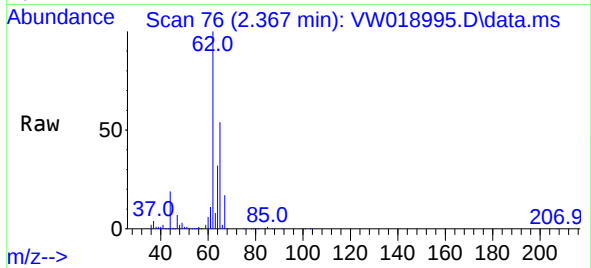




#5  
 Vinyl chloride  
 Concen: 25.59 ug/L  
 RT: 2.367 min Scan# 76  
 Delta R.T. 0.000 min  
 Lab File: VW018995.D  
 Acq: 14 May 2021 10:56

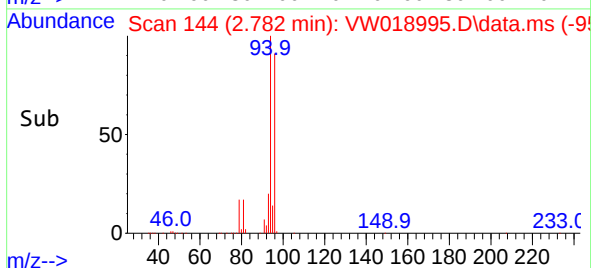
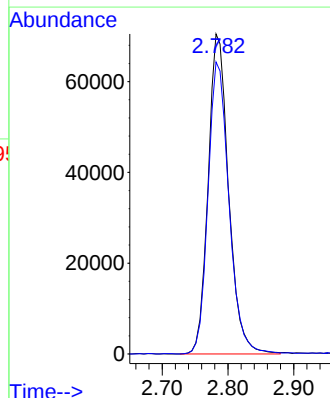
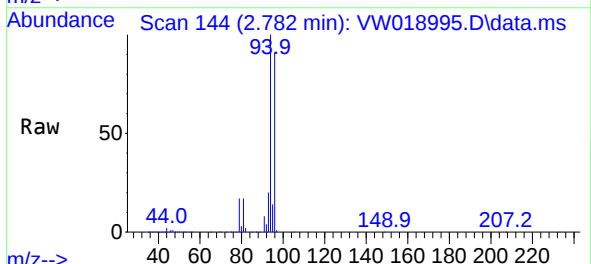
Instrument :  
 MSVOA\_W  
 ClientSampled :

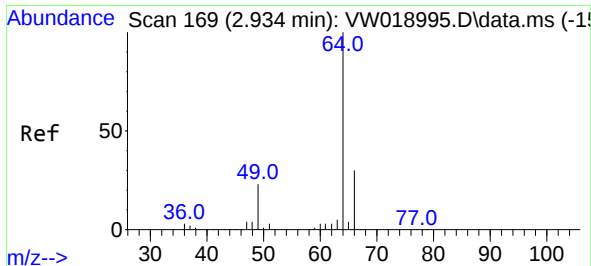
Tgt Ion: 62 Resp: 211458  
 Ion Ratio Lower Upper  
 62 100  
 64 32.1 24.2 45.0



#6  
 Bromomethane  
 Concen: 23.82 ug/L  
 RT: 2.782 min Scan# 144  
 Delta R.T. 0.000 min  
 Lab File: VW018995.D  
 Acq: 14 May 2021 10:56

Tgt Ion: 94 Resp: 152437  
 Ion Ratio Lower Upper  
 94 100  
 96 91.2 65.3 121.3

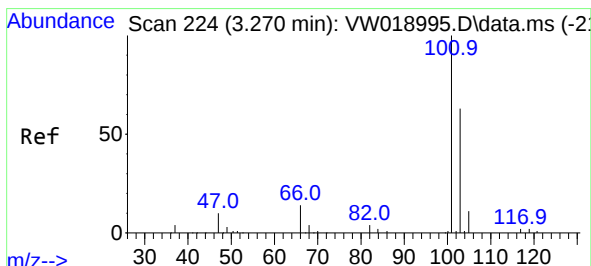
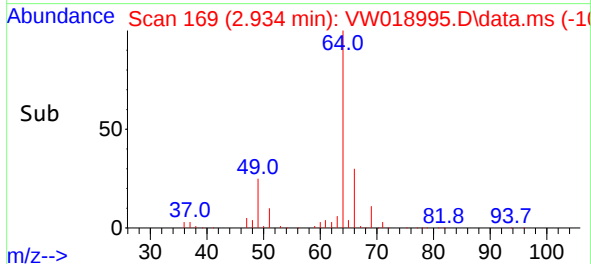
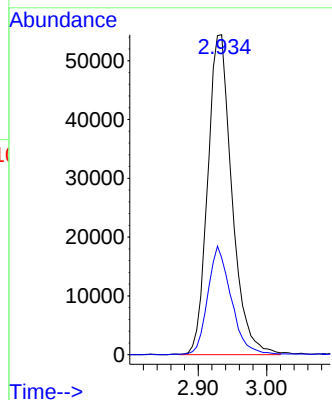
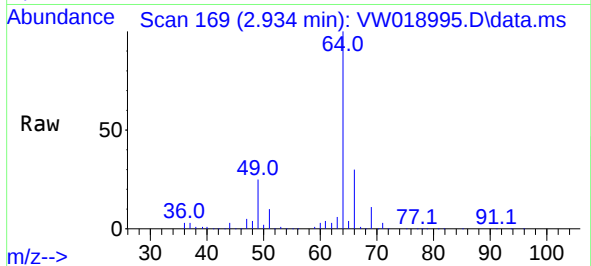




#8  
Chloroethane  
Concen: 25.88 ug/L  
RT: 2.934 min Scan# 169  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

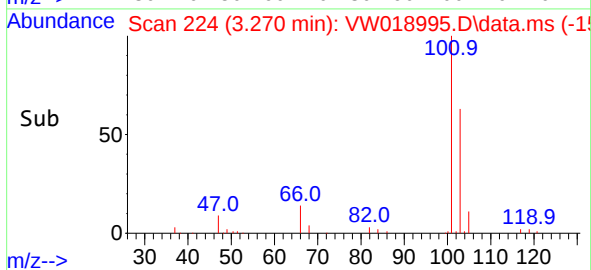
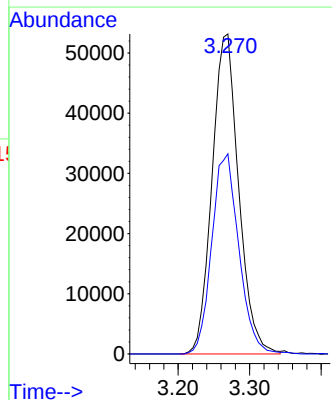
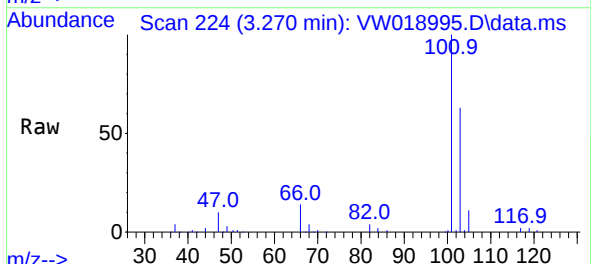
Instrument :  
MSVOA\_W  
ClientSampled :

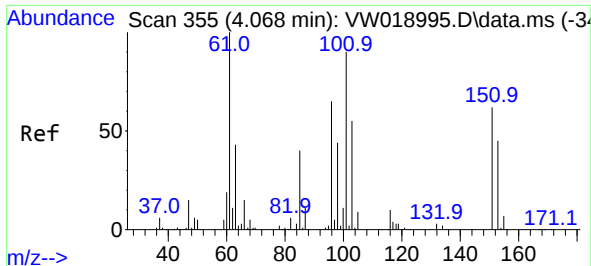
Tgt Ion: 64 Resp: 133851  
Ion Ratio Lower Upper  
64 100  
66 30.3 23.4 43.6



#9  
Trichlorofluoromethane  
Concen: 24.11 ug/L  
RT: 3.270 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

Tgt Ion:101 Resp: 137377  
Ion Ratio Lower Upper  
101 100  
103 63.8 51.0 76.4

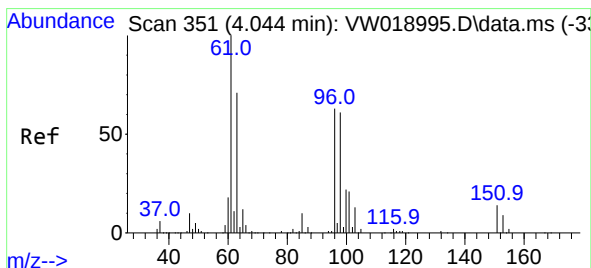
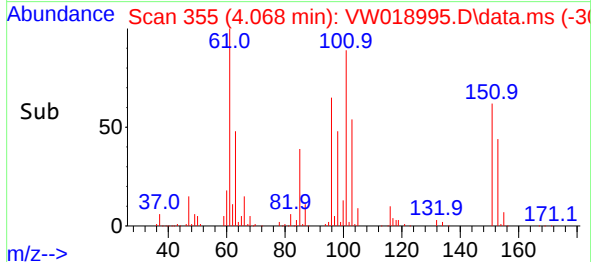
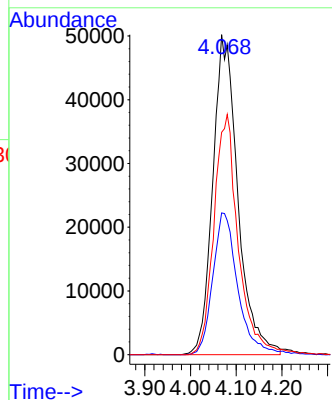
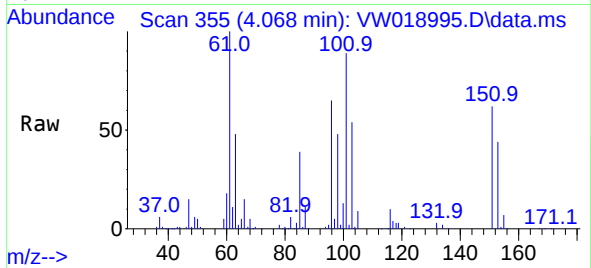




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 26.64 ug/L  
RT: 4.068 min Scan# 355  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

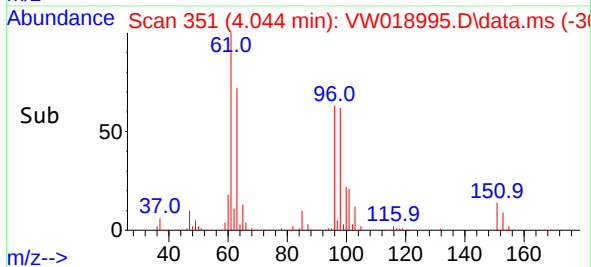
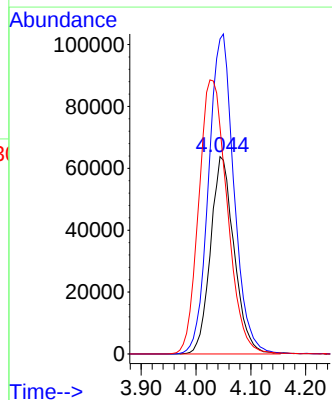
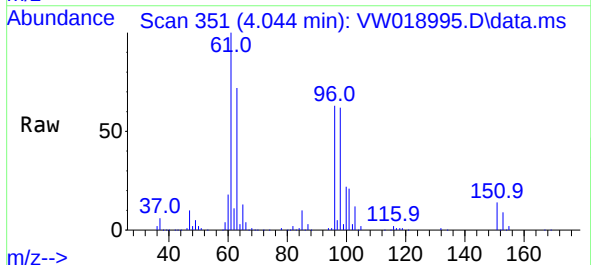
Instrument :  
MSVOA\_W  
ClientSampled :

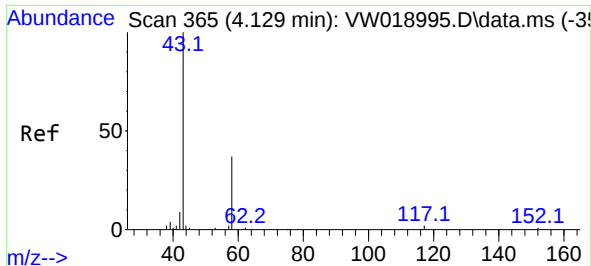
Tgt Ion:101 Resp: 191397  
Ion Ratio Lower Upper  
101 100  
85 43.9 38.2 57.2  
151 73.0 56.6 85.0



#12  
1,1-Dichloroethene  
Concen: 26.56 ug/L  
RT: 4.044 min Scan# 351  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

Tgt Ion: 96 Resp: 190537  
Ion Ratio Lower Upper  
96 100  
61 159.7 118.1 219.3  
63 114.9 83.7 155.5

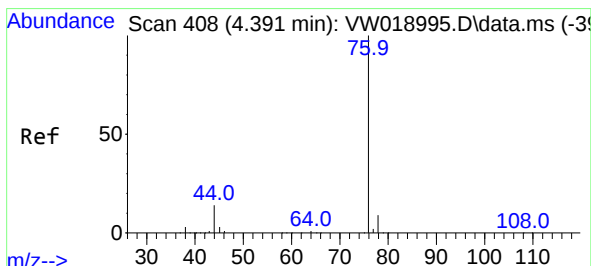
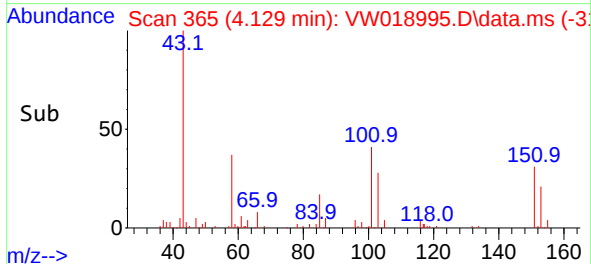
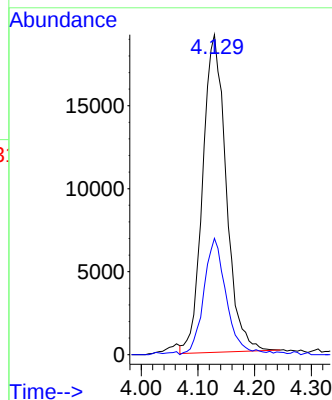
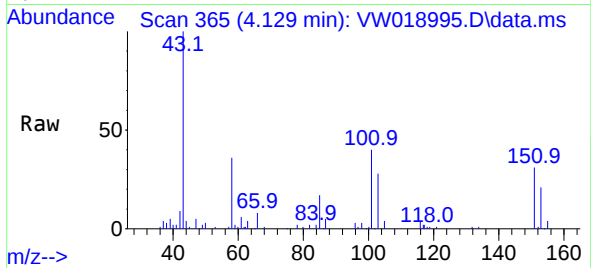




#13  
Acetone  
Concen: 49.67 ug/L  
RT: 4.129 min Scan# 365  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

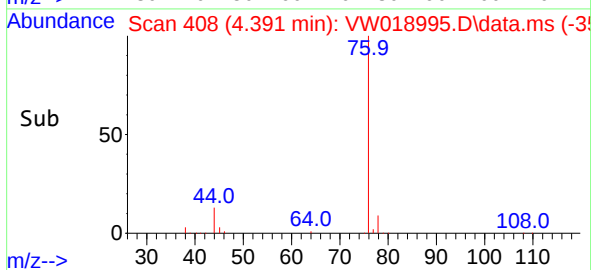
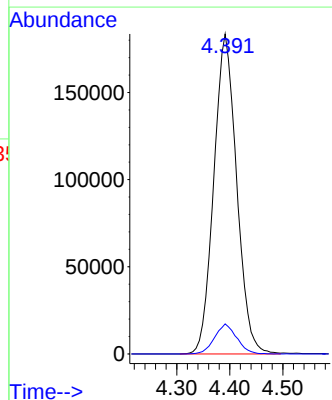
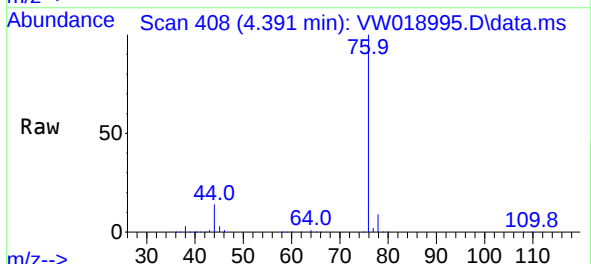
Instrument :  
MSVOA\_W  
ClientSampled :

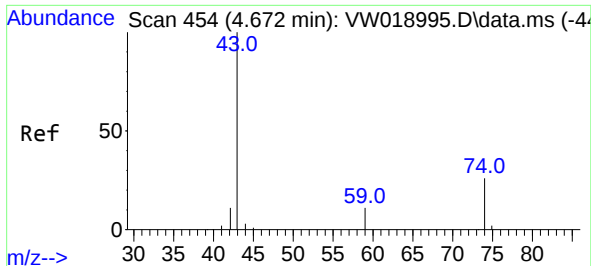
Tgt Ion: 43 Resp: 55030  
Ion Ratio Lower Upper  
43 100  
58 34.6 0.0 53.8



#14  
Carbon disulfide  
Concen: 25.72 ug/L  
RT: 4.391 min Scan# 408  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

Tgt Ion: 76 Resp: 549031  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.4 11.0

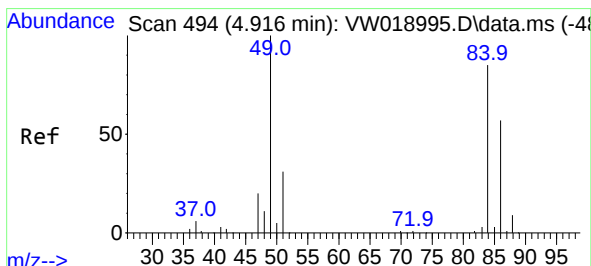
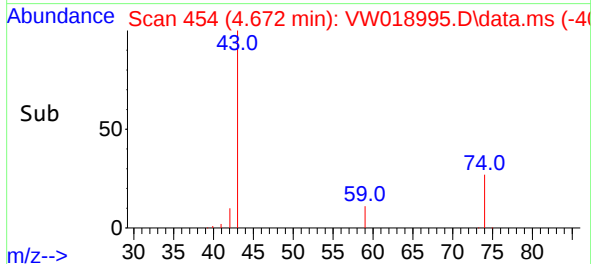
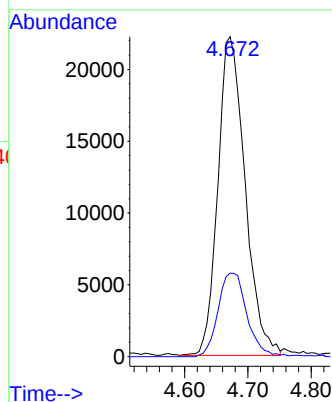
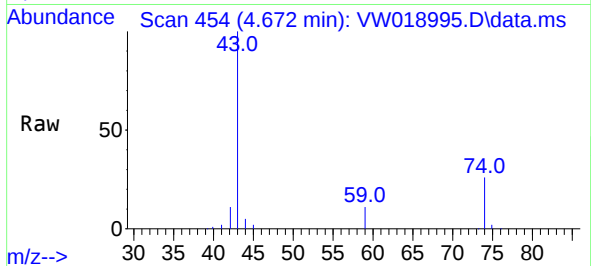




#15  
Methyl Acetate  
Concen: 26.81 ug/L  
RT: 4.672 min Scan# 454  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

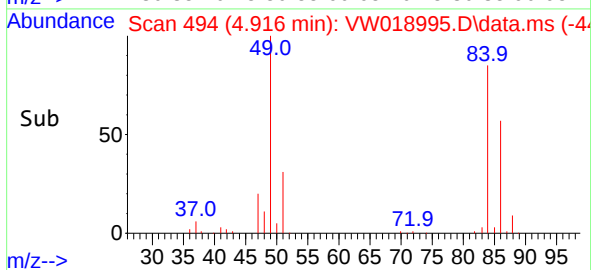
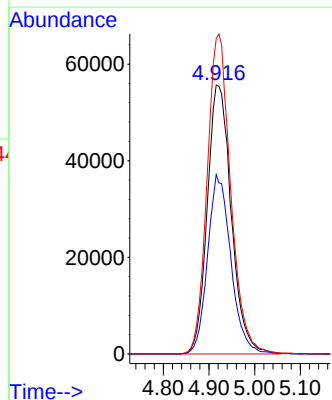
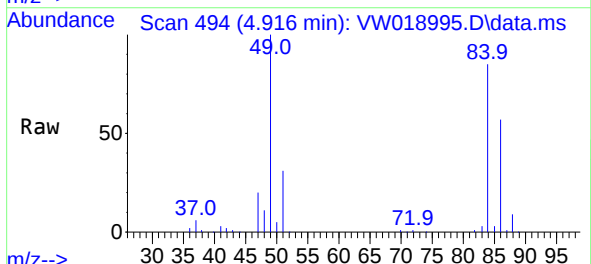
Instrument :  
MSVOA\_W  
ClientSampled :

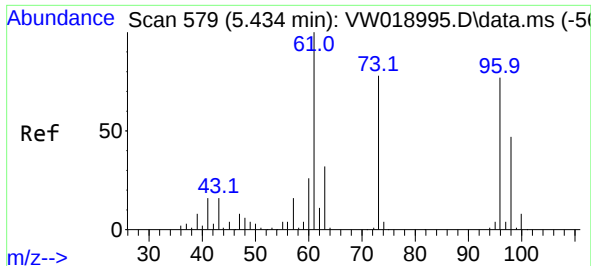
Tgt Ion: 43 Resp: 66329  
Ion Ratio Lower Upper  
43 100  
74 27.7 20.0 30.0



#16  
Methylene chloride  
Concen: 21.78 ug/L  
RT: 4.916 min Scan# 494  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

Tgt Ion: 84 Resp: 203483  
Ion Ratio Lower Upper  
84 100  
86 66.8 45.3 84.1  
49 117.4 86.6 160.8

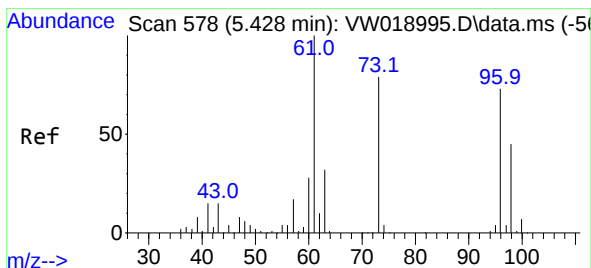
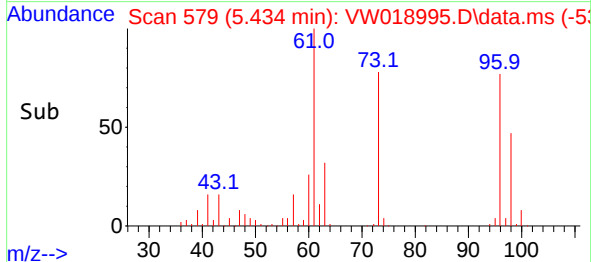
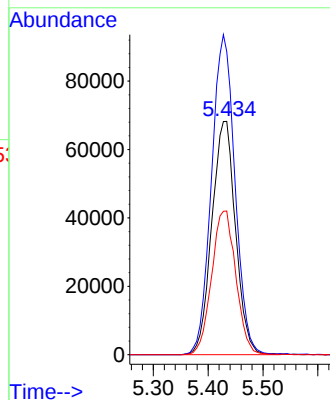
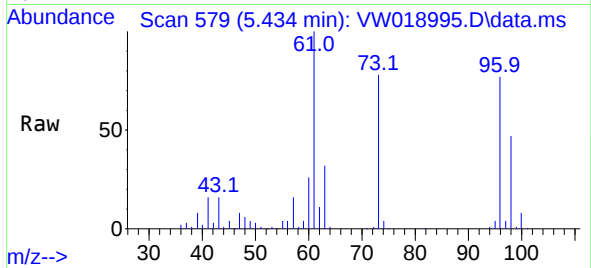




#17  
trans-1,2-Dichloroethene  
Concen: 26.41 ug/L  
RT: 5.434 min Scan# 579  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

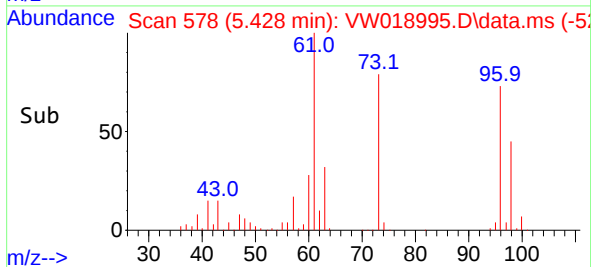
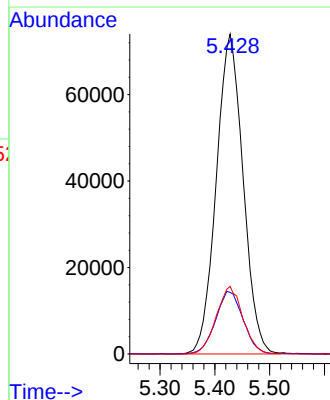
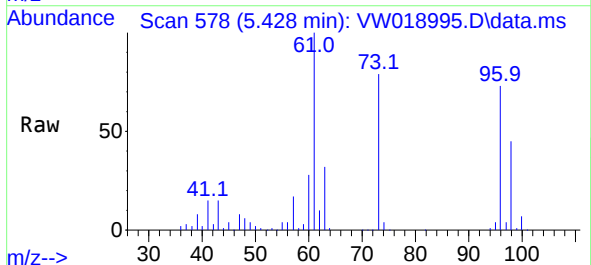
Instrument :  
MSVOA\_W  
ClientSampled :

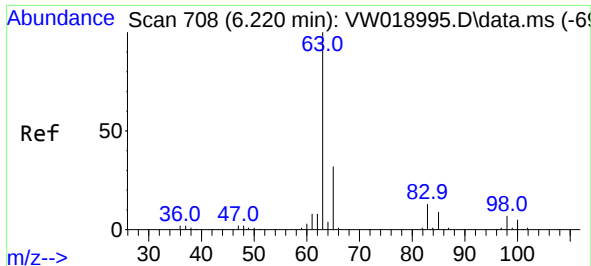
Tgt Ion: 96 Resp: 205108  
Ion Ratio Lower Upper  
96 100  
61 129.9 98.3 182.7  
98 61.6 46.1 85.7



#18  
Methyl tert-butyl Ether  
Concen: 25.54 ug/L  
RT: 5.428 min Scan# 578  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

Tgt Ion: 73 Resp: 251072  
Ion Ratio Lower Upper  
73 100  
43 20.2 17.7 26.5  
57 20.9 17.0 25.4





#19

1,1-Dichloroethane

Concen: 26.14 ug/L

RT: 6.220 min Scan# 708

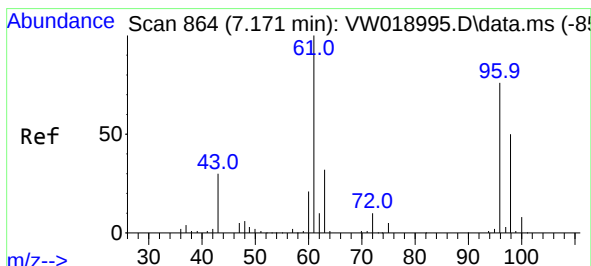
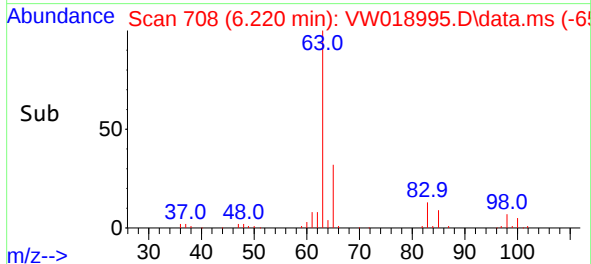
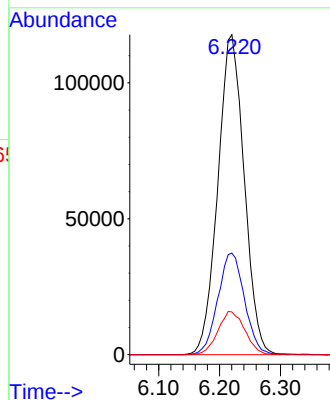
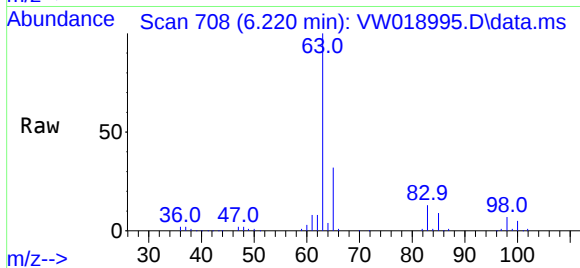
Delta R.T. 0.000 min

Lab File: VW018995.D

Acq: 14 May 2021 10:56

Tgt Ion: 63 Resp: 352687

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 65  | 31.8  | 22.9  | 42.5  |
| 83  | 13.4  | 10.2  | 19.0  |



#20

cis-1,2-Dichloroethene

Concen: 25.87 ug/L

RT: 7.171 min Scan# 864

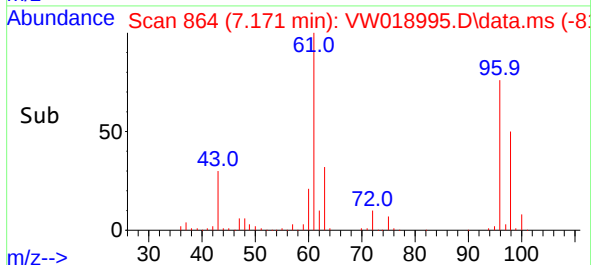
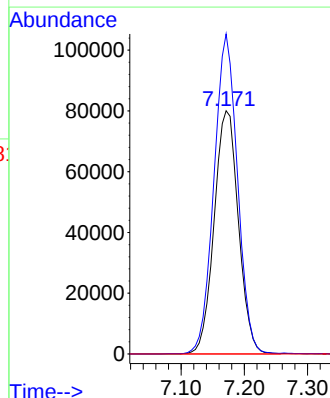
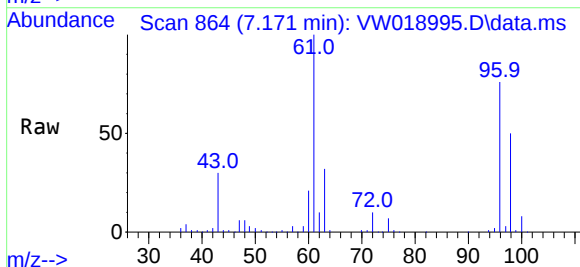
Delta R.T. 0.000 min

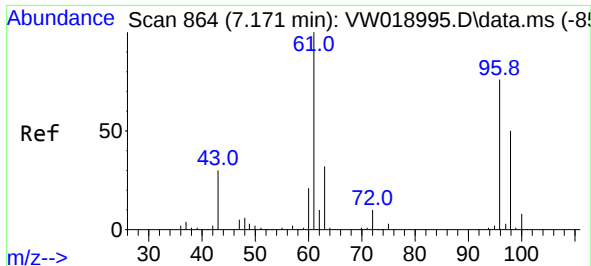
Lab File: VW018995.D

Acq: 14 May 2021 10:56

Tgt Ion: 96 Resp: 213096

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 131.6 | 88.5  | 164.3 |
| 68  | 0.0   | 0.0   | 0.0   |

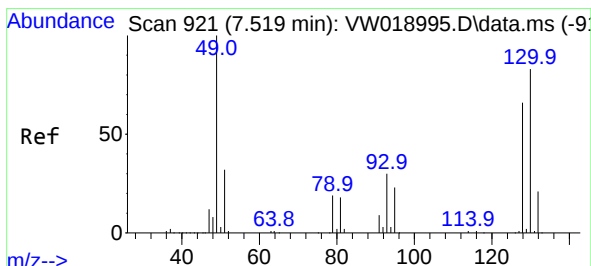
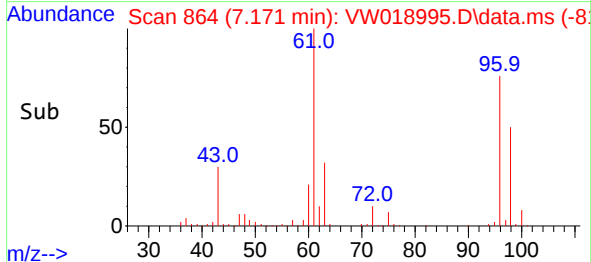
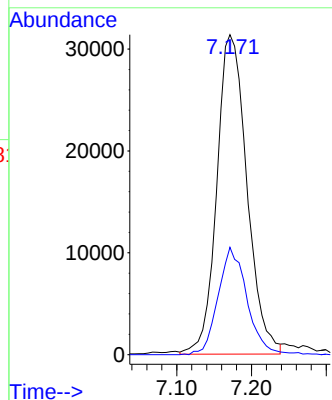
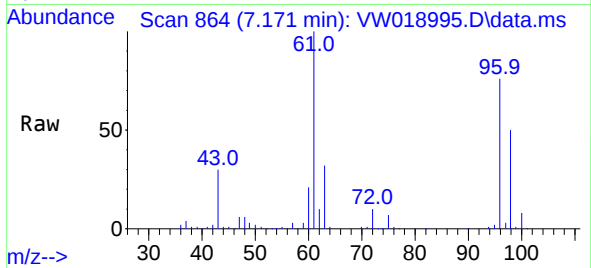




#22  
2-Butanone  
Concen: 52.52 ug/L  
RT: 7.171 min Scan# 864  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

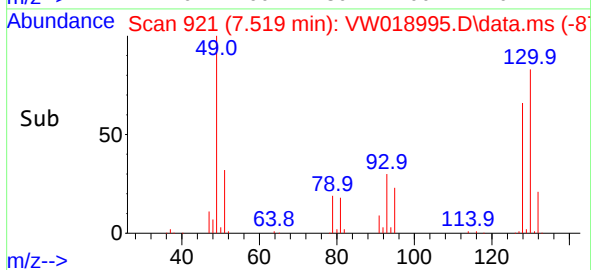
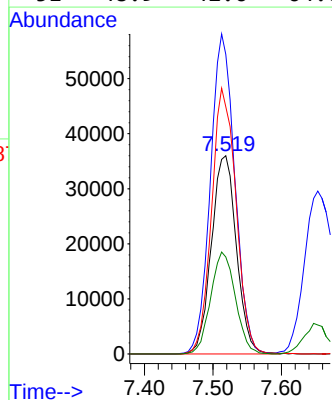
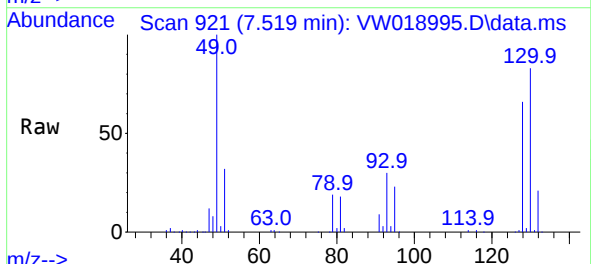
Instrument :  
MSVOA\_W  
ClientSampled :

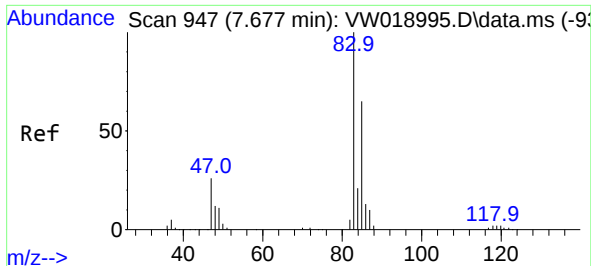
Tgt Ion: 43 Resp: 87984  
Ion Ratio Lower Upper  
43 100  
72 32.1 14.9 44.7



#23  
Bromochloromethane  
Concen: 25.15 ug/L  
RT: 7.519 min Scan# 921  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

Tgt Ion: 128 Resp: 91017  
Ion Ratio Lower Upper  
128 100  
49 151.0 116.3 215.9  
130 124.7 82.4 153.0  
51 48.9 42.6 64.0

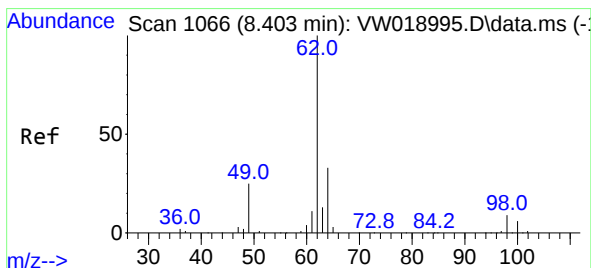
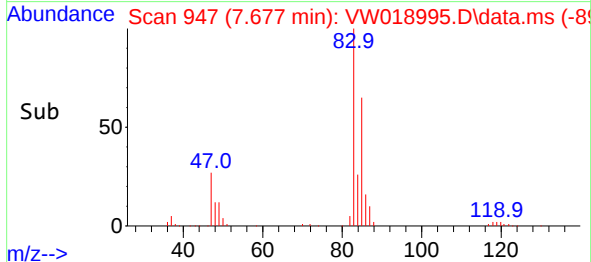
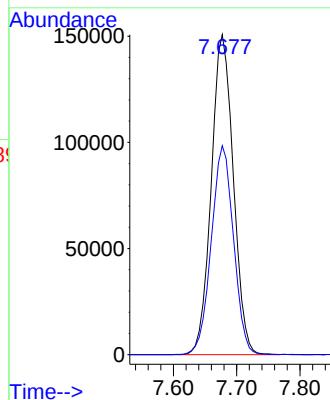
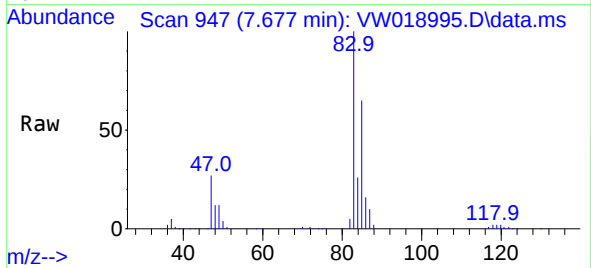




#25  
Chloroform  
Concen: 25.97 ug/L  
RT: 7.677 min Scan# 947  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

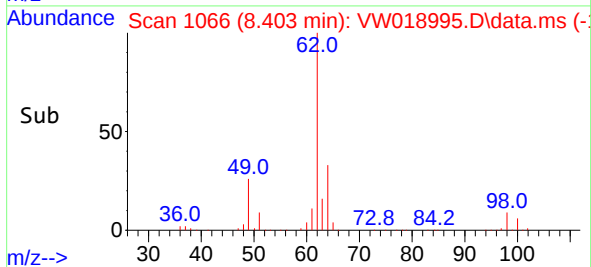
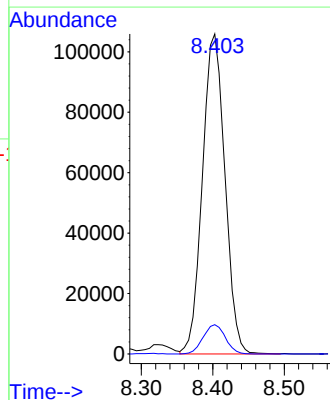
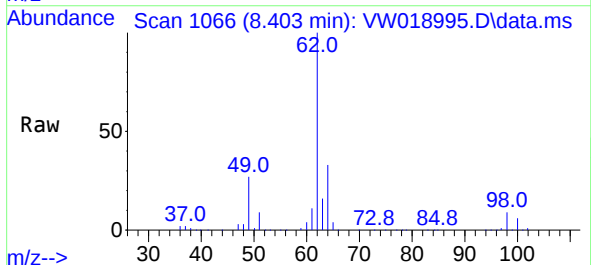
Instrument :  
MSVOA\_W  
ClientSampled :

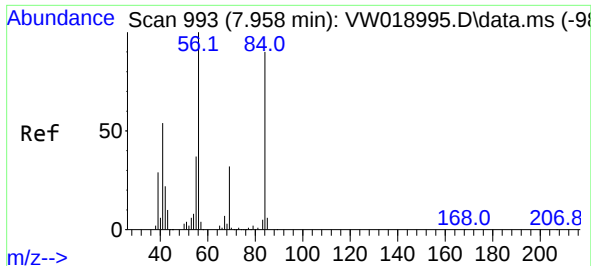
Tgt Ion: 83 Resp: 364433  
Ion Ratio Lower Upper  
83 100  
85 65.3 44.6 82.8



#27  
1,2-Dichloroethane  
Concen: 25.95 ug/L  
RT: 8.403 min Scan# 1066  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

Tgt Ion: 62 Resp: 231855  
Ion Ratio Lower Upper  
62 100  
98 9.2 6.9 10.3





#29

Cyclohexane

Concen: 27.76 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

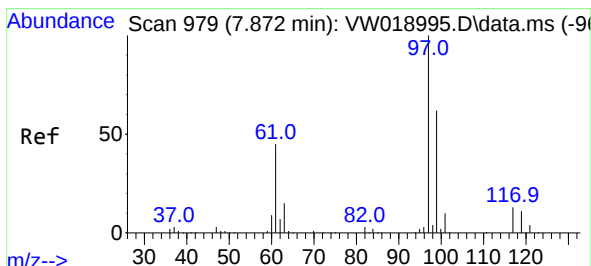
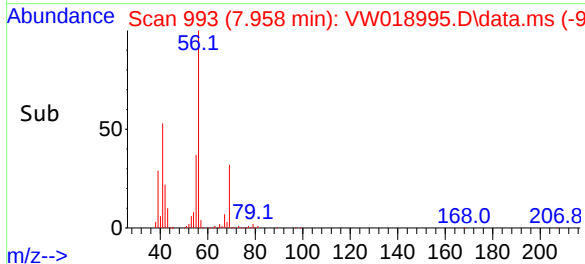
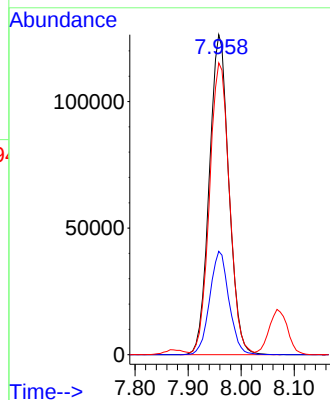
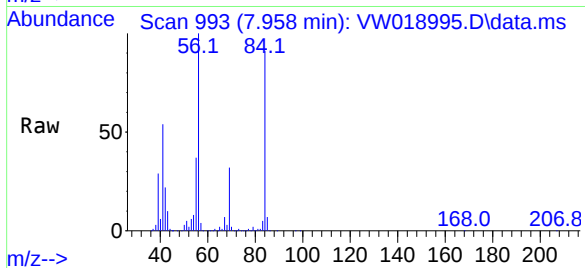
Lab File: VW018995.D

Acq: 14 May 2021 10:56

Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion: 56 Resp: 324514

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 31.7  | 24.5  | 36.7  |
| 84  | 93.0  | 75.0  | 112.4 |



#30

1,1,1-Trichloroethane

Concen: 26.14 ug/L

RT: 7.872 min Scan# 979

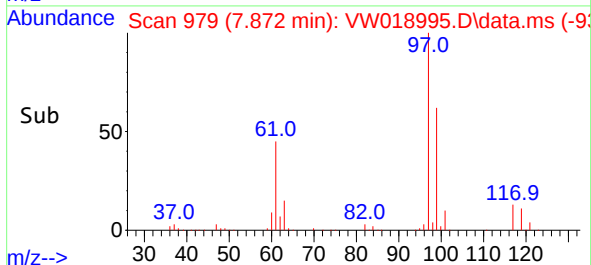
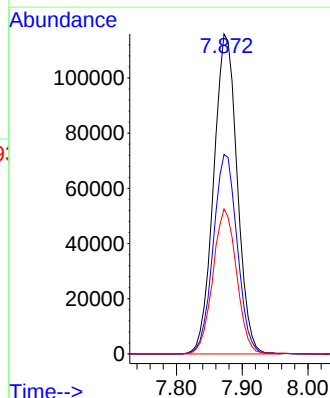
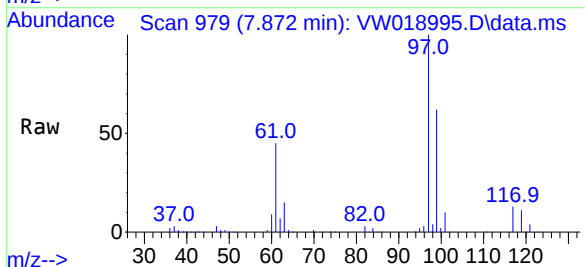
Delta R.T. 0.000 min

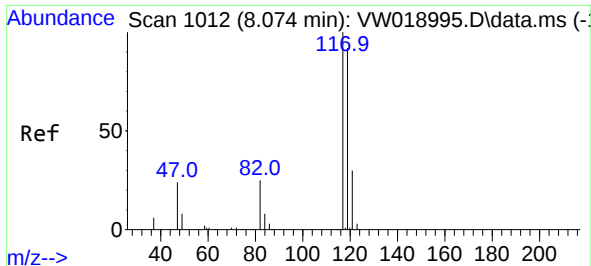
Lab File: VW018995.D

Acq: 14 May 2021 10:56

Tgt Ion: 97 Resp: 289515

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 63.5  | 51.4  | 77.2  |
| 61  | 45.6  | 37.8  | 56.6  |

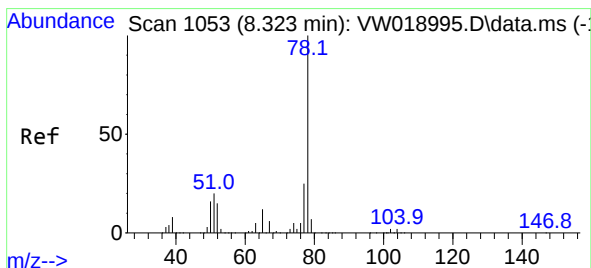
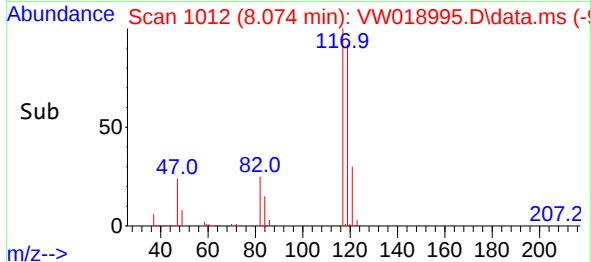
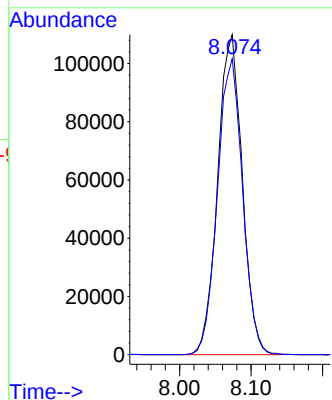
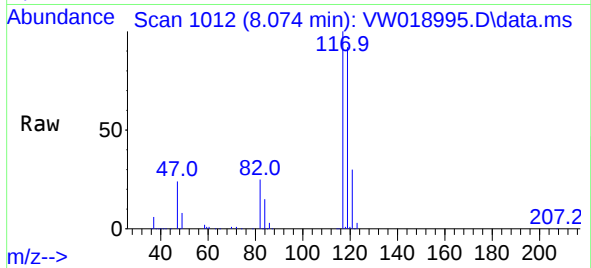




#31  
Carbon tetrachloride  
Concen: 26.08 ug/L  
RT: 8.074 min Scan# 1012  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

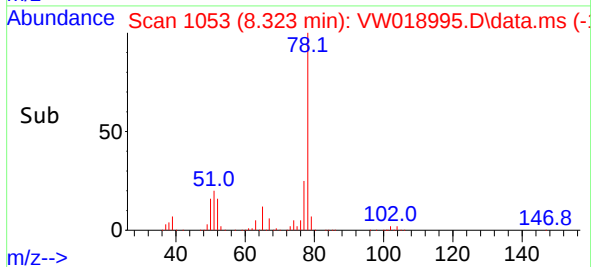
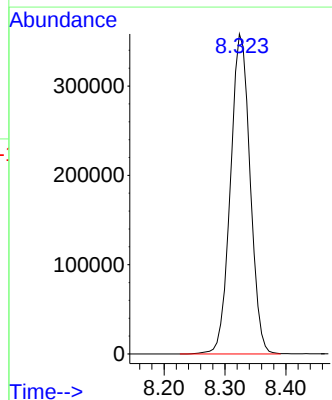
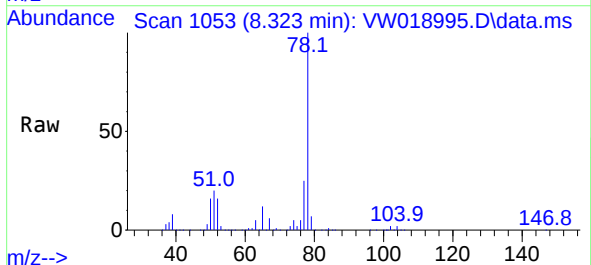
Instrument :  
MSVOA\_W  
ClientSampled :

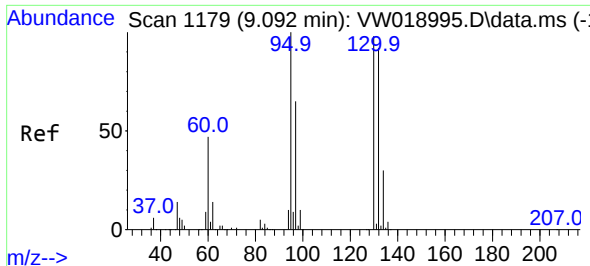
Tgt Ion:117 Resp: 262758  
Ion Ratio Lower Upper  
117 100  
119 94.3 76.5 114.7



#33  
Benzene  
Concen: 26.01 ug/L  
RT: 8.323 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

Tgt Ion: 78 Resp: 803093

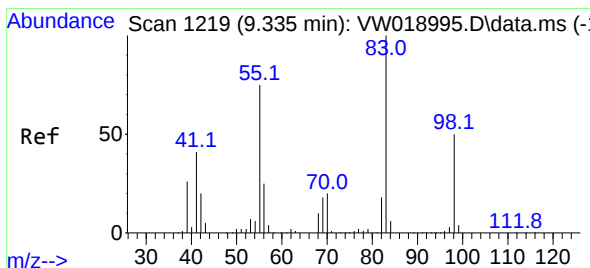
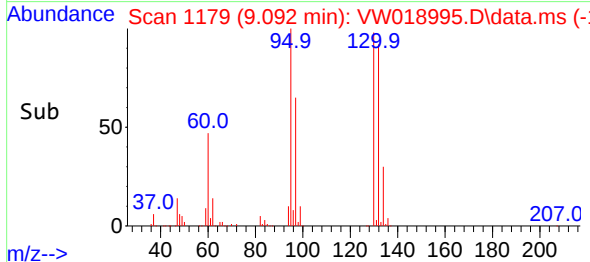
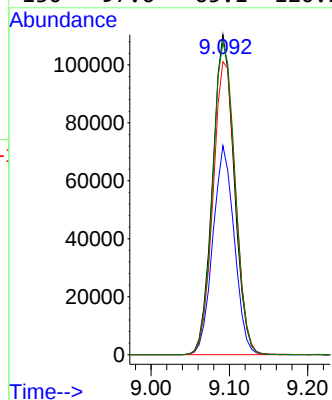
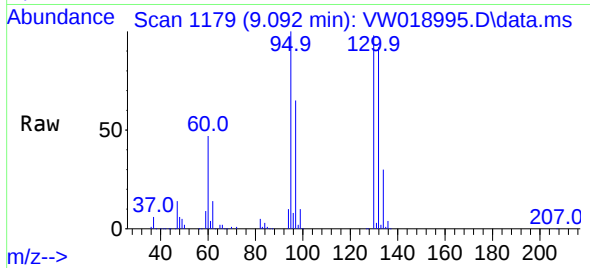




#34  
Trichloroethene  
Concen: 26.05 ug/L  
RT: 9.092 min Scan# 1179  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

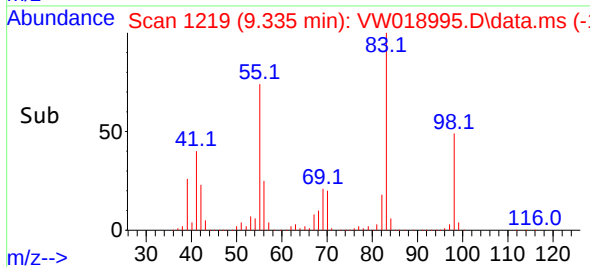
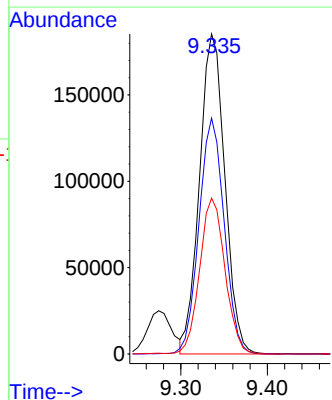
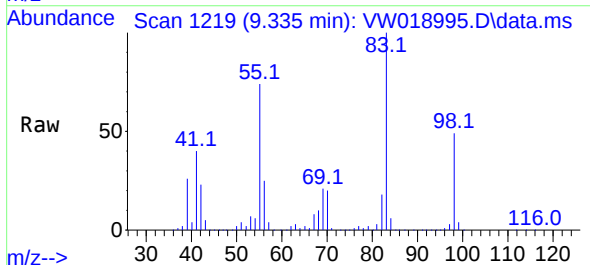
Instrument :  
MSVOA\_W  
ClientSampled :

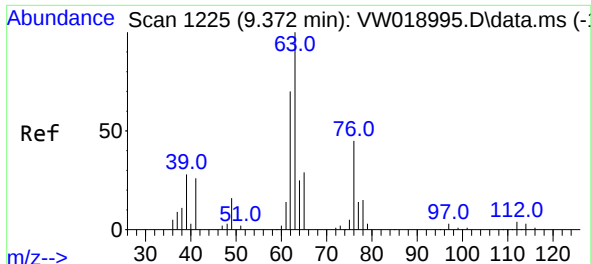
Tgt Ion: 95 Resp: 212073  
Ion Ratio Lower Upper  
95 100  
97 65.3 47.3 87.8  
132 91.6 71.0 131.8  
130 97.6 65.1 120.9



#35  
Methylcyclohexane  
Concen: 27.31 ug/L  
RT: 9.335 min Scan# 1219  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

Tgt Ion: 83 Resp: 377147  
Ion Ratio Lower Upper  
83 100  
55 73.2 58.9 88.3  
98 48.7 40.1 60.1

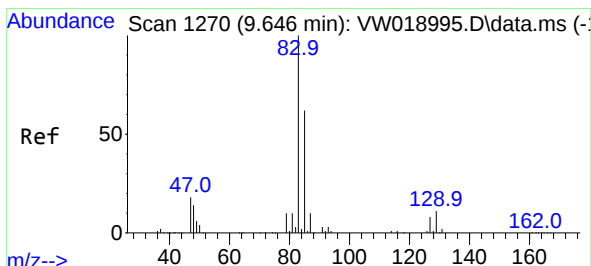
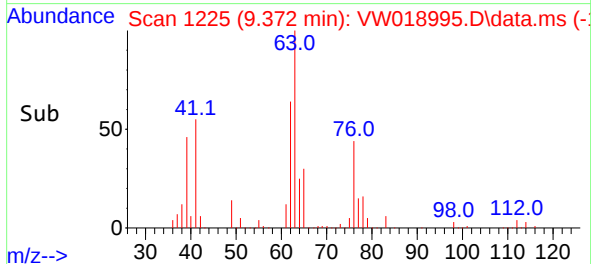
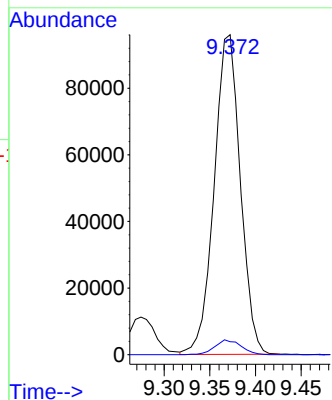
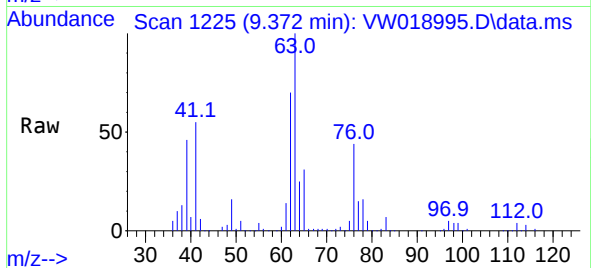




#37  
1,2-Dichloropropane  
Concen: 25.71 ug/L  
RT: 9.372 min Scan# 1225  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

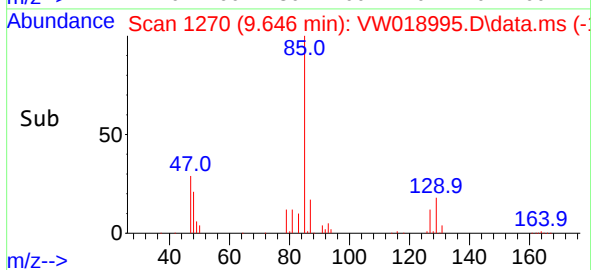
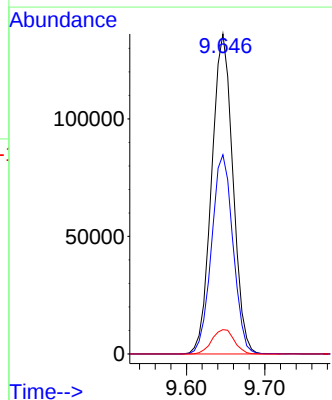
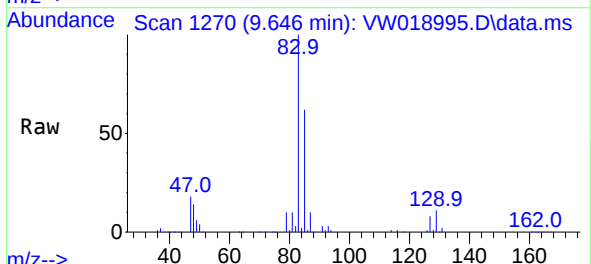
Instrument :  
MSVOA\_W  
ClientSampled :

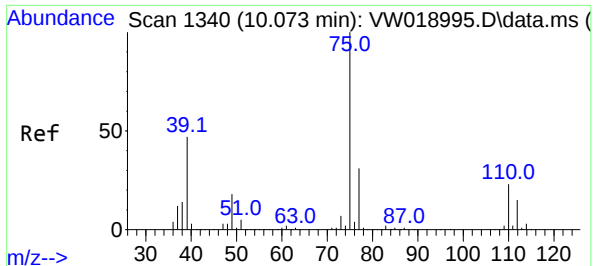
Tgt Ion: 63 Resp: 191210  
Ion Ratio Lower Upper  
63 100  
112 4.7 3.9 5.9



#38  
Bromodichloromethane  
Concen: 26.20 ug/L  
RT: 9.646 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

Tgt Ion: 83 Resp: 256703  
Ion Ratio Lower Upper  
83 100  
85 62.2 42.3 78.5  
127 7.6 6.6 9.8

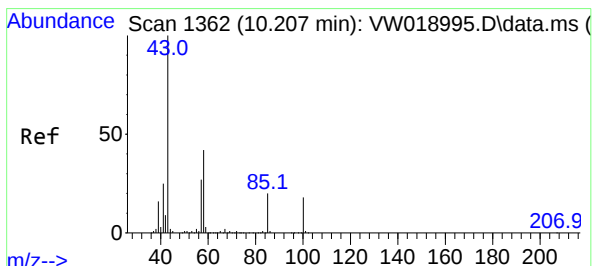
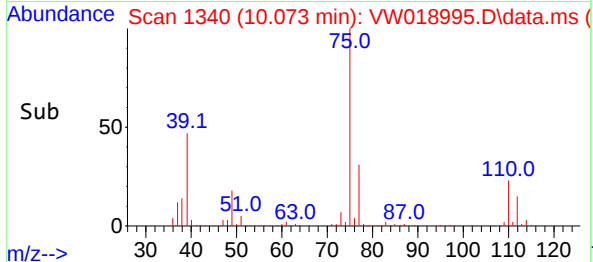
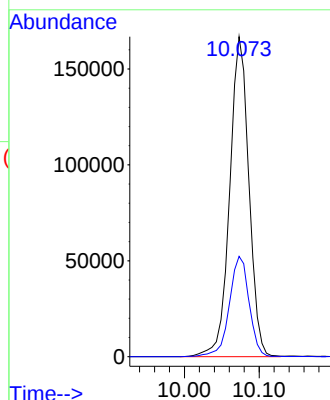
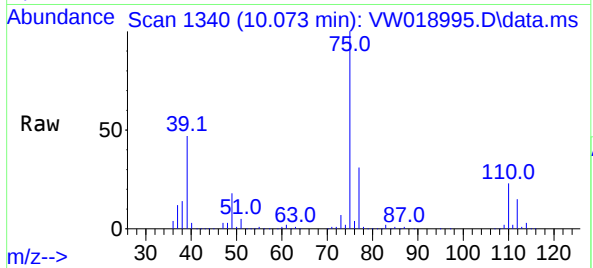




#39  
cis-1,3-Dichloropropene  
Concen: 26.39 ug/L  
RT: 10.073 min Scan# 1340  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

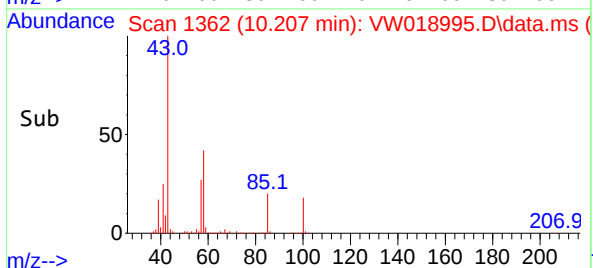
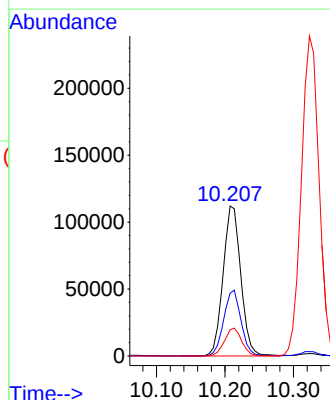
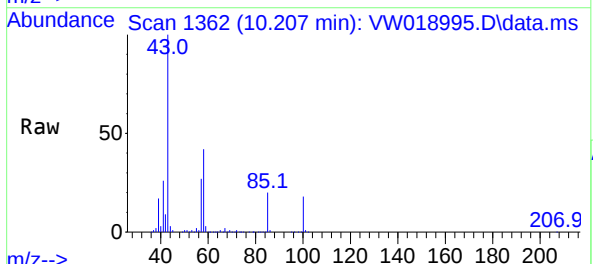
Instrument :  
MSVOA\_W  
ClientSampled :

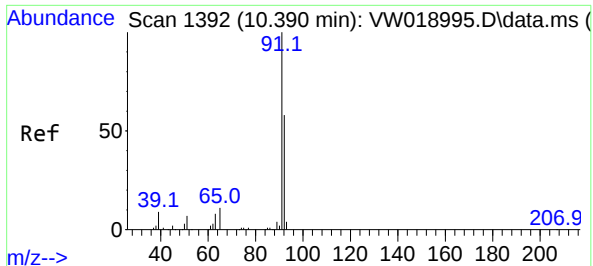
Tgt Ion: 75 Resp: 297995  
Ion Ratio Lower Upper  
75 100  
77 31.3 22.6 42.0



#40  
4-Methyl-2-pentanone  
Concen: 52.77 ug/L  
RT: 10.207 min Scan# 1362  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

Tgt Ion: 43 Resp: 200983  
Ion Ratio Lower Upper  
43 100  
58 42.8 31.0 46.4  
100 18.0 13.0 19.6

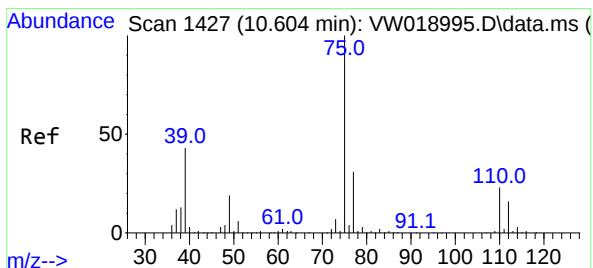
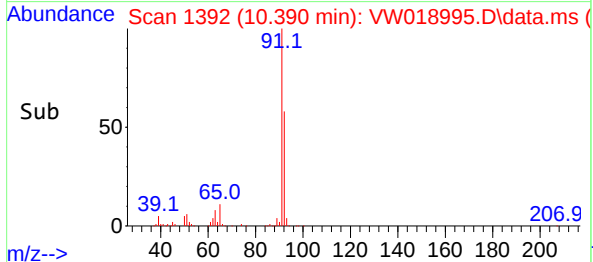
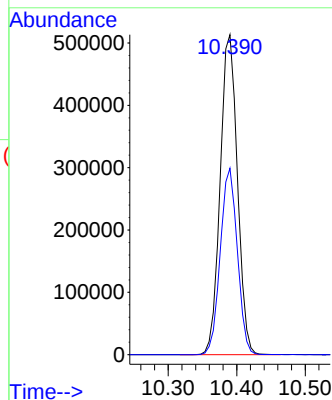
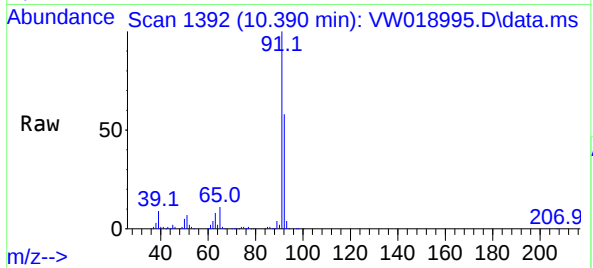




#42  
Toluene  
Concen: 26.40 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

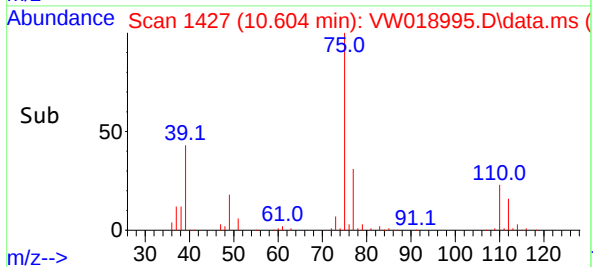
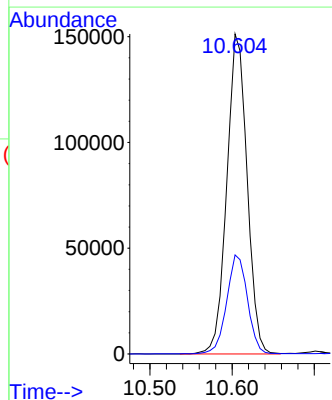
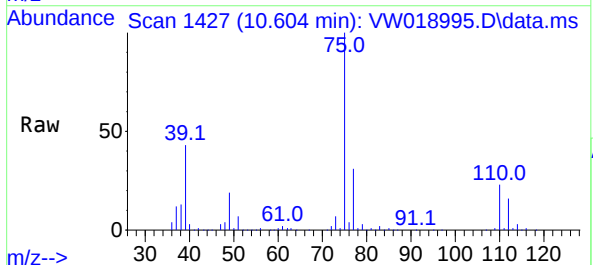
Instrument :  
MSVOA\_W  
ClientSampled :

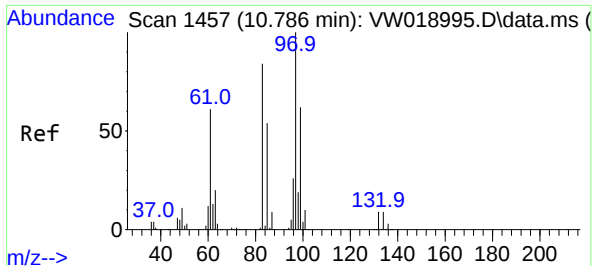
Tgt Ion: 91 Resp: 893482  
Ion Ratio Lower Upper  
91 100  
92 58.2 39.5 73.3



#44  
trans-1,3-Dichloropropene  
Concen: 26.73 ug/L  
RT: 10.604 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

Tgt Ion: 75 Resp: 259869  
Ion Ratio Lower Upper  
75 100  
77 31.0 21.1 39.1



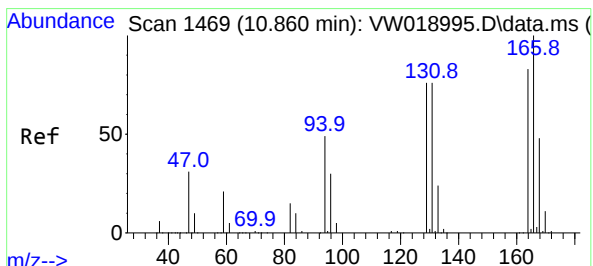
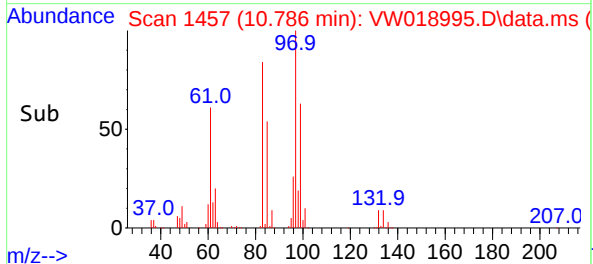
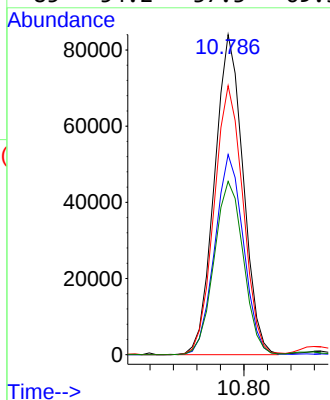
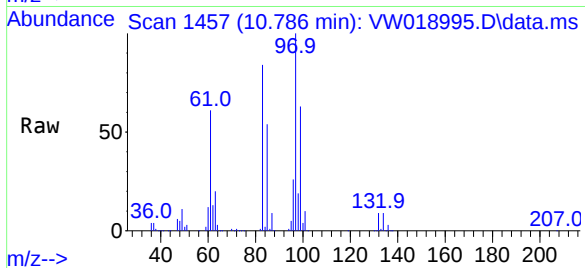


#45  
1,1,2-Trichloroethane  
Concen: 25.78 ug/L  
RT: 10.786 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion: 97 Resp: 142495

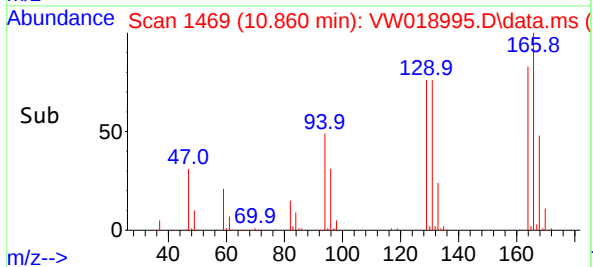
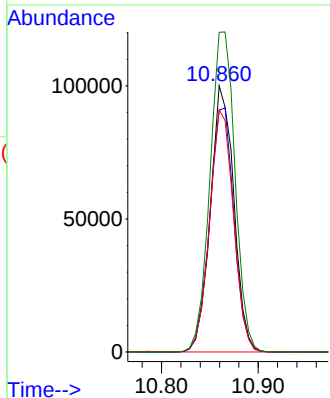
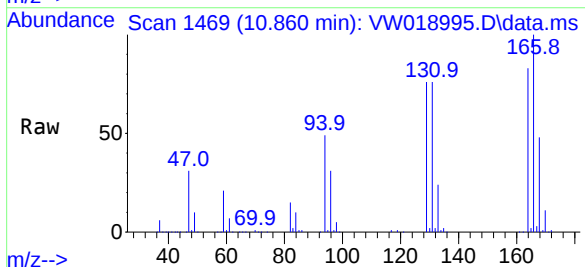
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 62.5  | 45.1  | 83.7  |
| 83  | 84.0  | 58.1  | 107.9 |
| 85  | 54.2  | 37.3  | 69.3  |

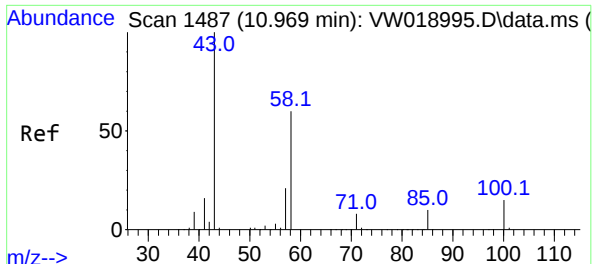


#46  
Tetrachloroethene  
Concen: 26.19 ug/L  
RT: 10.860 min Scan# 1469  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

Tgt Ion: 164 Resp: 168268

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 90.7  | 66.7  | 123.9 |
| 131 | 91.0  | 61.1  | 113.5 |
| 166 | 120.1 | 87.0  | 161.6 |



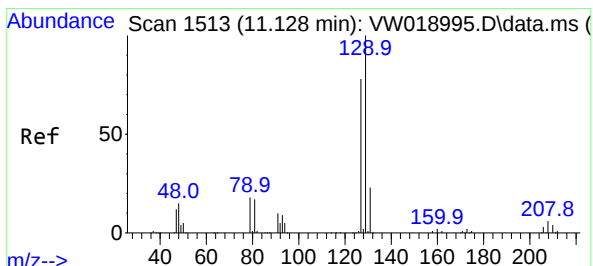
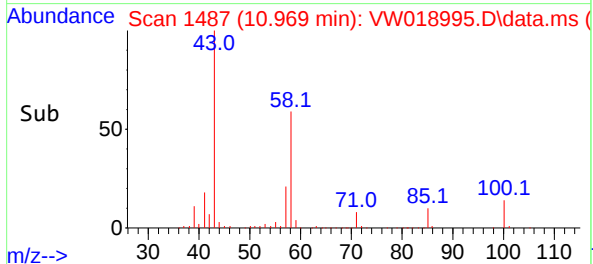
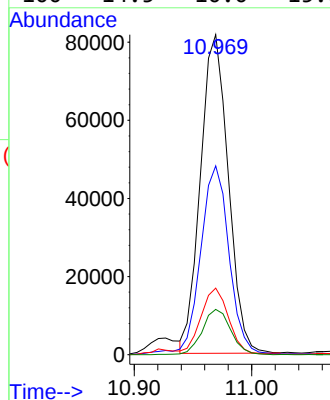
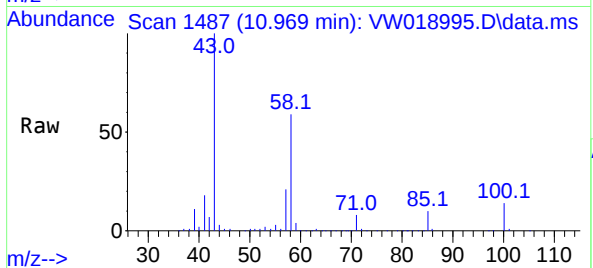


#48  
2-Hexanone  
Concen: 55.68 ug/L  
RT: 10.969 min Scan# 1487  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion: 43 Resp: 134620

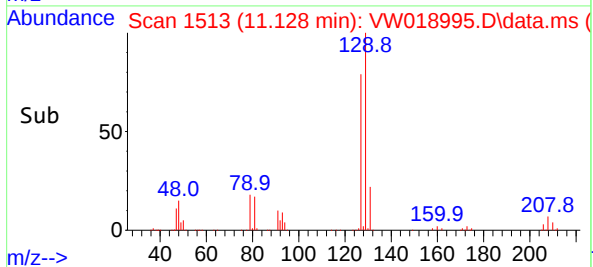
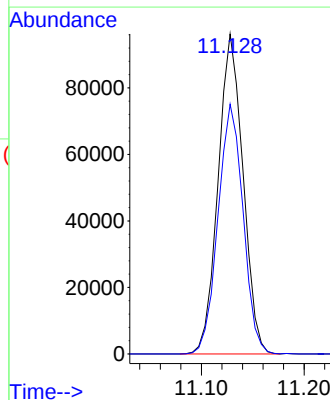
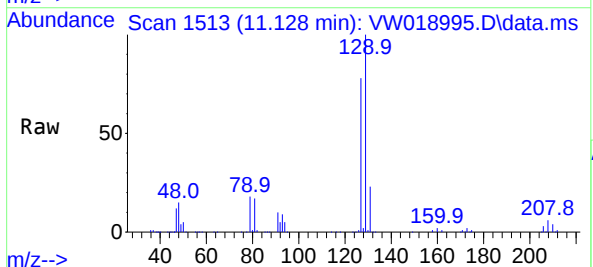
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 60.2  | 42.7  | 64.1  |
| 57  | 20.7  | 15.8  | 23.8  |
| 100 | 14.5  | 10.0  | 15.0  |

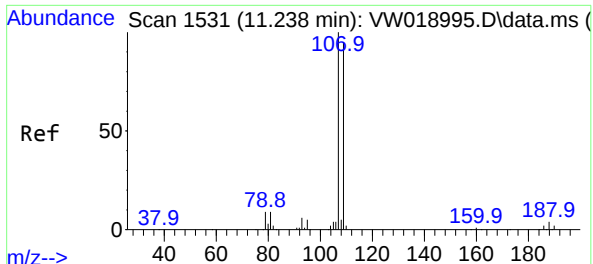


#49  
Dibromochloromethane  
Concen: 25.69 ug/L  
RT: 11.128 min Scan# 1513  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

Tgt Ion: 129 Resp: 161621

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 129 | 100   |       |       |
| 127 | 78.0  | 51.7  | 95.9  |

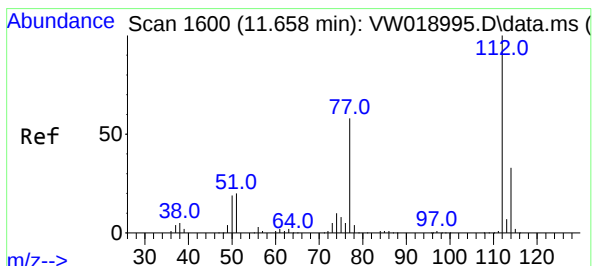
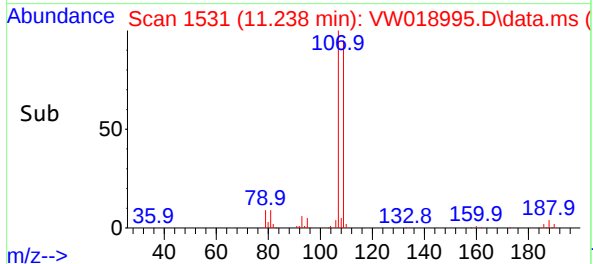
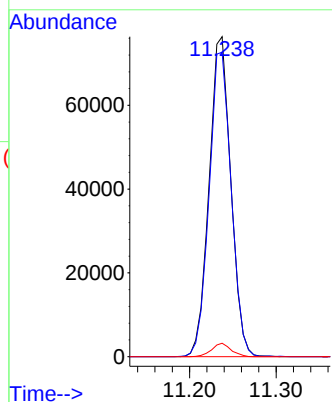
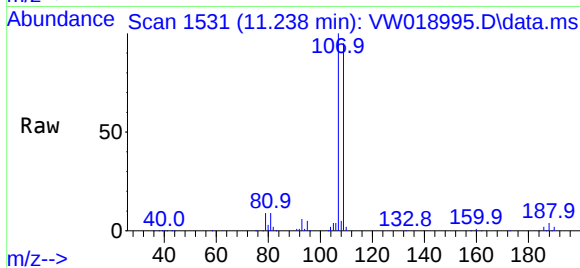




#50  
1,2-Dibromoethane  
Concen: 25.23 ug/L  
RT: 11.238 min Scan# 1531  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

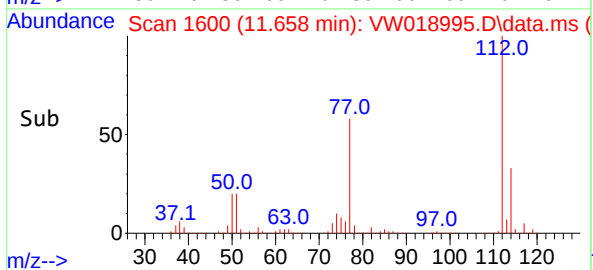
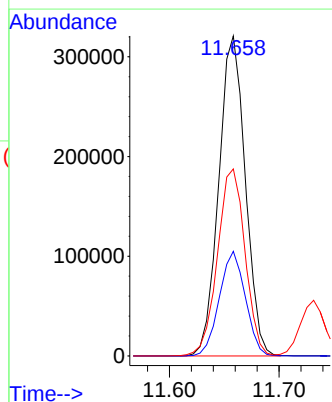
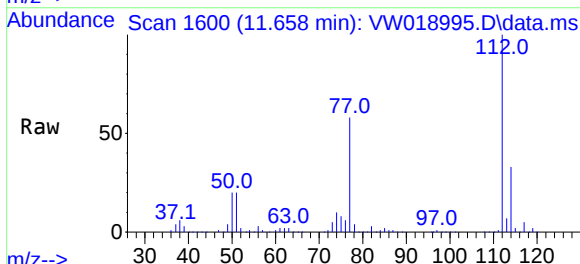
Instrument :  
MSVOA\_W  
ClientSampled :

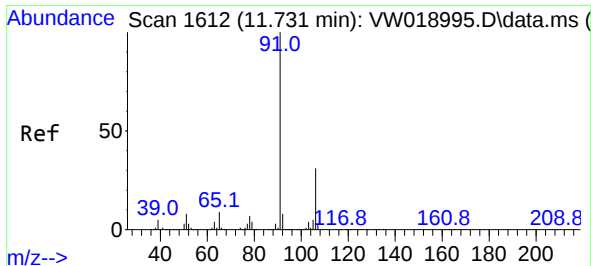
Tgt Ion:107 Resp: 132946  
Ion Ratio Lower Upper  
107 100  
109 95.1 65.4 121.4  
188 4.2 2.6 4.0#



#51  
Chlorobenzene  
Concen: 25.40 ug/L  
RT: 11.658 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

Tgt Ion:112 Resp: 540071  
Ion Ratio Lower Upper  
112 100  
114 32.7 23.4 43.6  
77 58.5 47.6 71.4

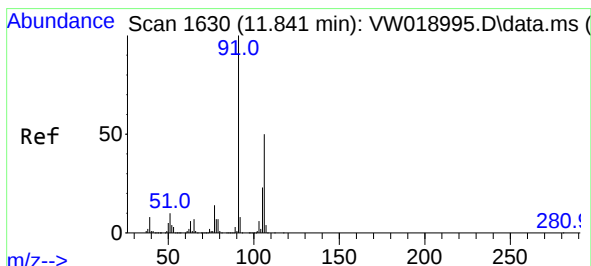
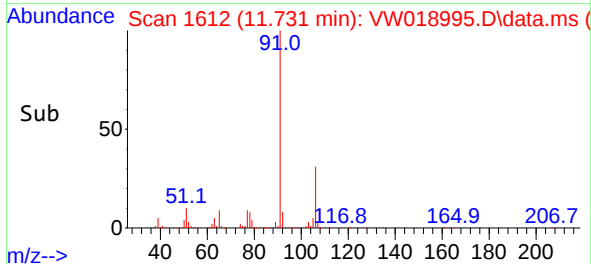
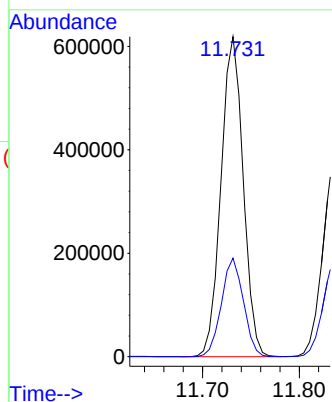
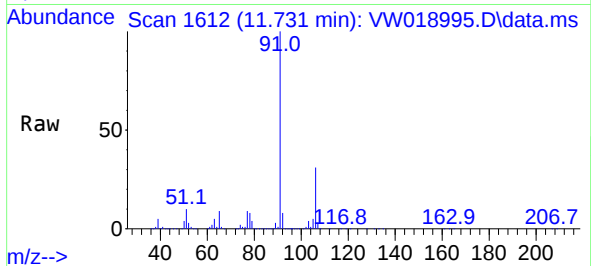




#52  
Ethylbenzene  
Concen: 26.52 ug/L  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

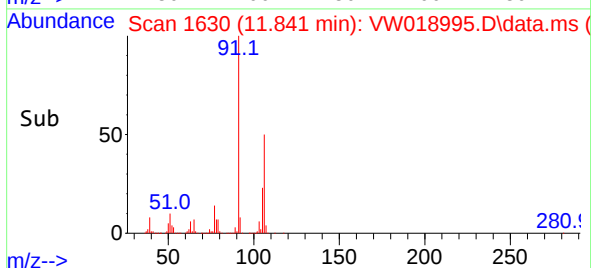
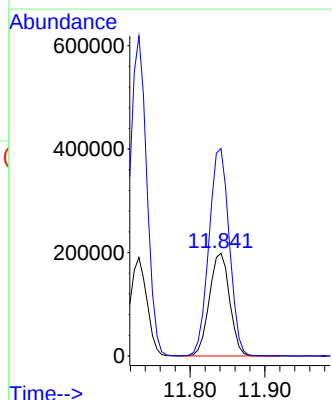
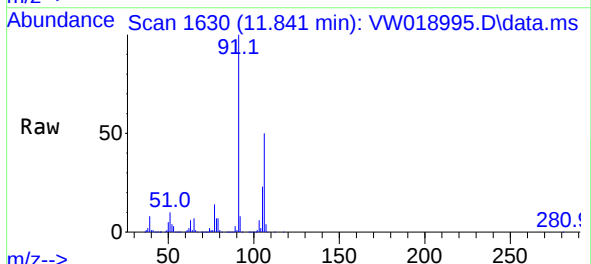
Instrument :  
MSVOA\_W  
ClientSampled :

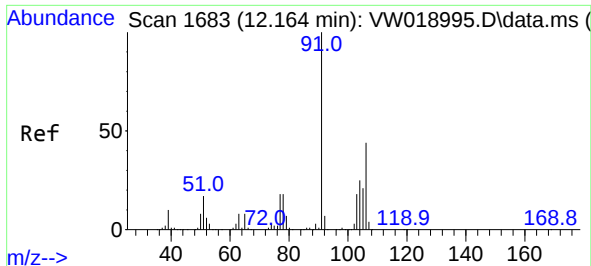
Tgt Ion: 91 Resp: 983390  
Ion Ratio Lower Upper  
91 100  
106 30.8 22.5 41.7



#53  
m,p-Xylene  
Concen: 26.55 ug/L  
RT: 11.841 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

Tgt Ion:106 Resp: 374432  
Ion Ratio Lower Upper  
106 100  
91 201.6 141.3 262.3

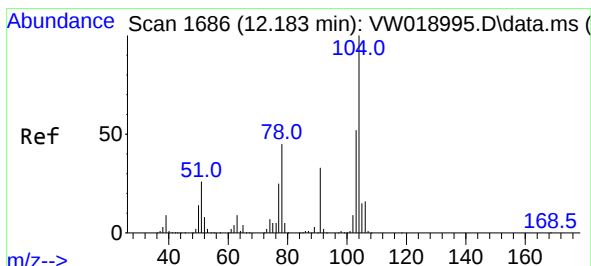
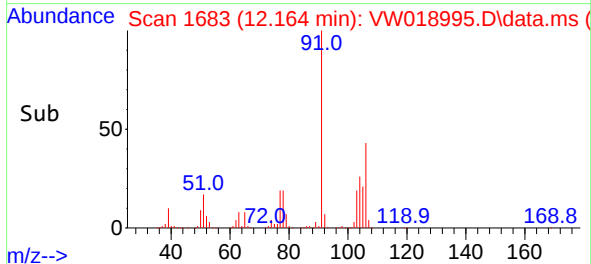
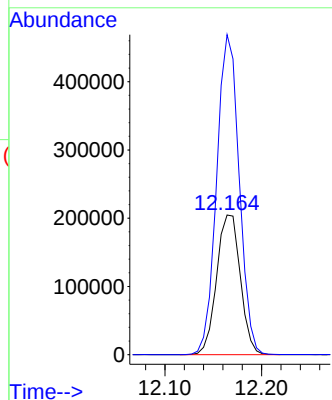
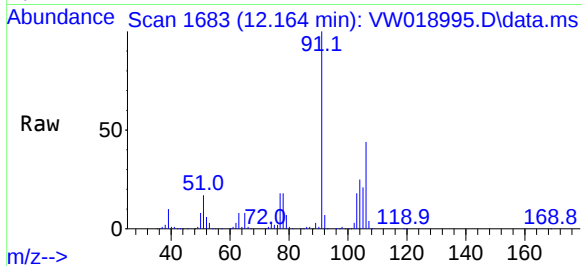




#54  
o-Xylene  
Concen: 26.05 ug/L  
RT: 12.164 min Scan# 1683  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

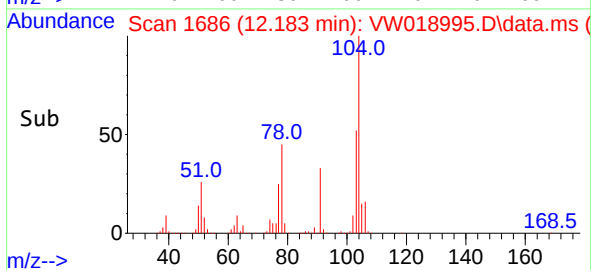
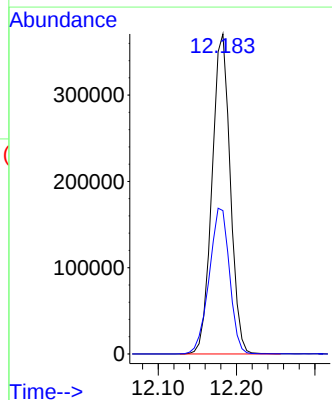
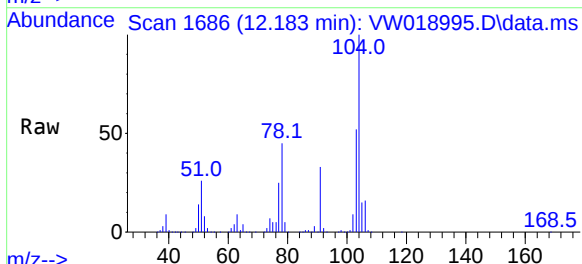
Instrument :  
MSVOA\_W  
ClientSampled :

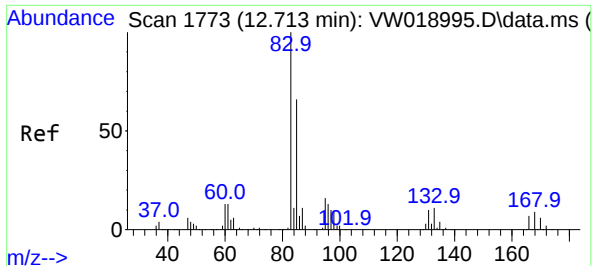
Tgt Ion:106 Resp: 347729  
Ion Ratio Lower Upper  
106 100  
91 229.1 150.0 278.6



#55  
Styrene  
Concen: 26.26 ug/L  
RT: 12.183 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

Tgt Ion:104 Resp: 598797  
Ion Ratio Lower Upper  
104 100  
78 44.8 32.5 60.3



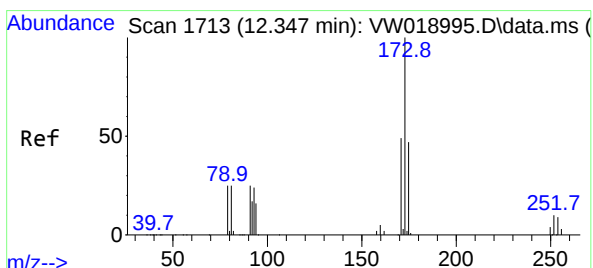
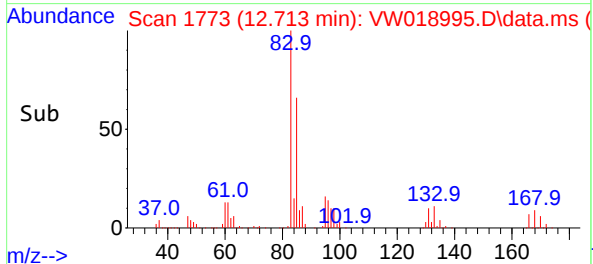
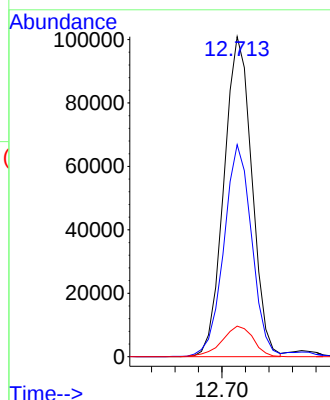
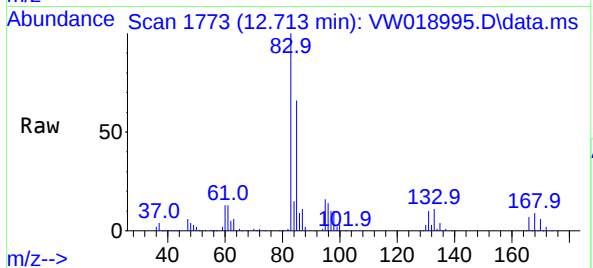


#57  
1,1,2,2-Tetrachloroethane  
Concen: 25.88 ug/L  
RT: 12.713 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion: 83 Resp: 166498

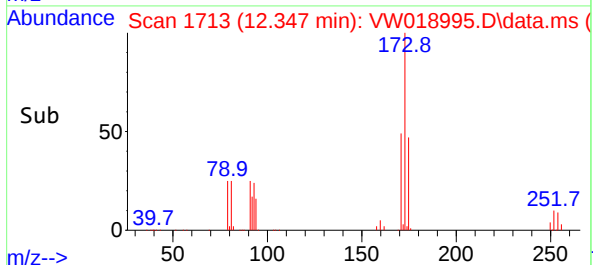
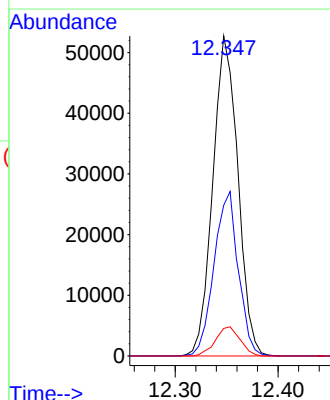
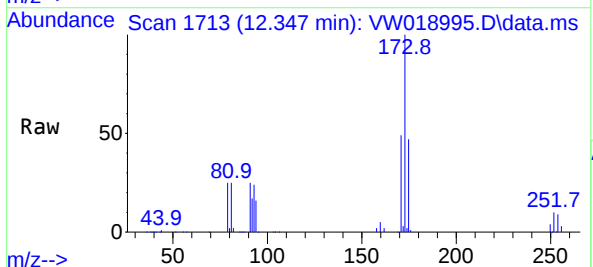
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 66.2  | 44.4  | 82.4  |
| 131 | 9.5   | 8.2   | 12.4  |

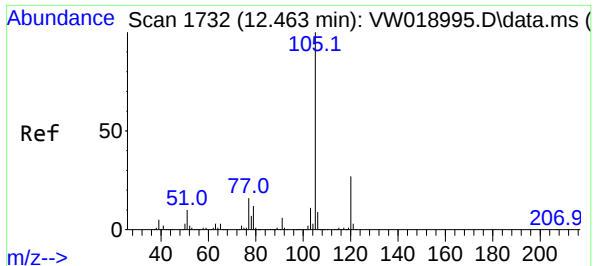


#59  
Bromoform  
Concen: 25.76 ug/L  
RT: 12.347 min Scan# 1713  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

Tgt Ion: 173 Resp: 89254

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 173 | 100   |       |       |
| 175 | 49.6  | 37.5  | 56.3  |
| 254 | 8.9   | 7.0   | 10.4  |

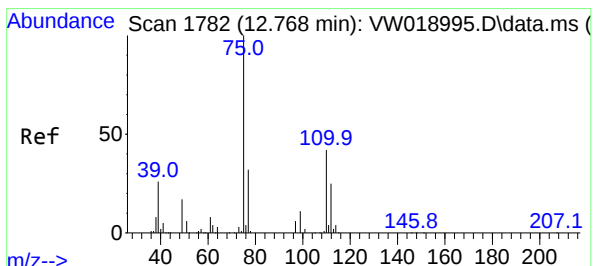
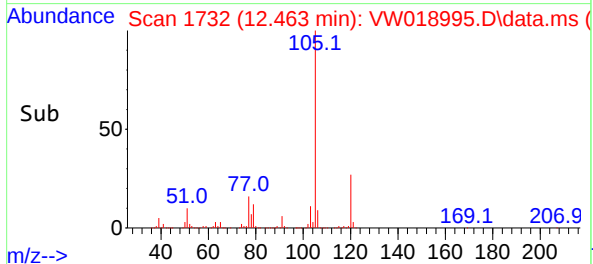
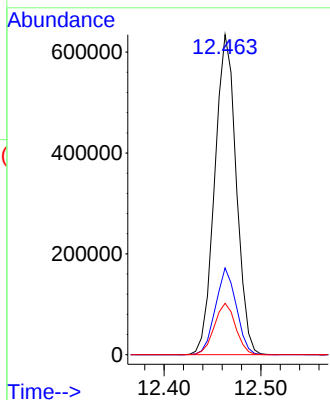
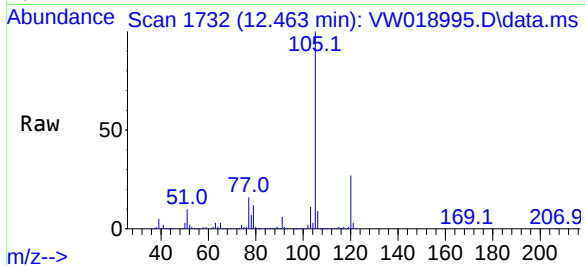




#60  
Isopropylbenzene  
Concen: 27.01 ug/L  
RT: 12.463 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

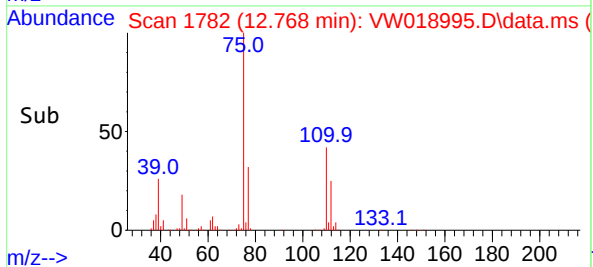
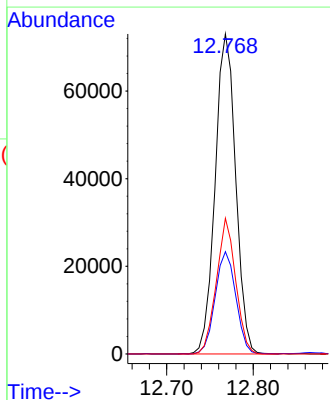
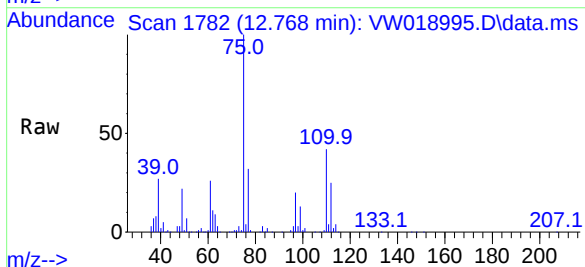
Instrument :  
MSVOA\_W  
ClientSampled :

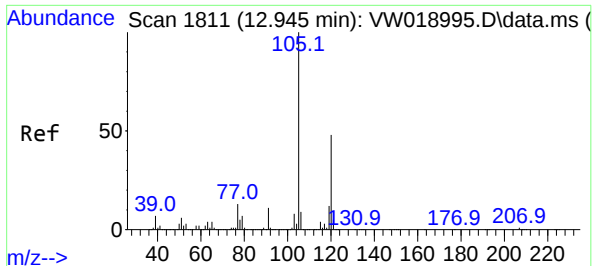
Tgt Ion:105 Resp: 981277  
Ion Ratio Lower Upper  
105 100  
120 26.1 21.1 31.7  
77 15.9 13.2 19.8



#61  
1,2,3-Trichloropropane  
Concen: 25.66 ug/L  
RT: 12.768 min Scan# 1782  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

Tgt Ion: 75 Resp: 120394  
Ion Ratio Lower Upper  
75 100  
77 32.2 25.3 37.9  
110 39.7 32.6 48.8

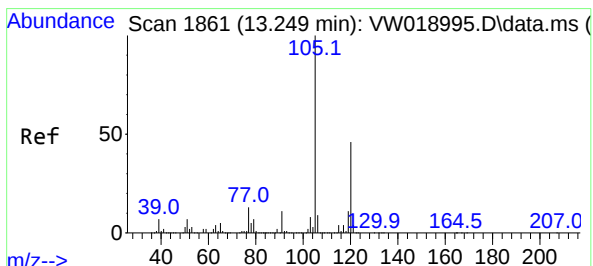
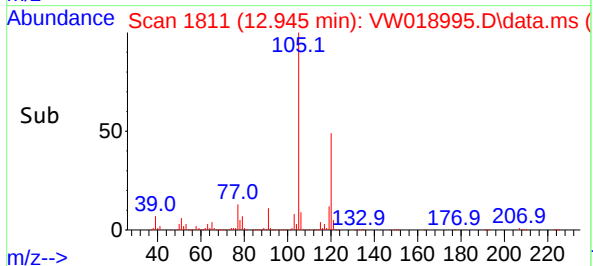
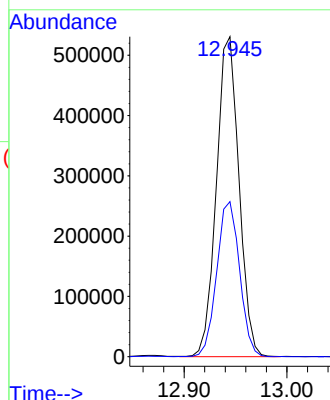
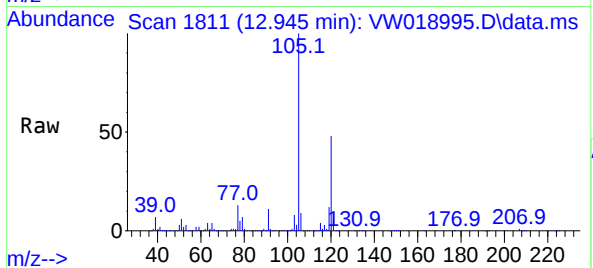




#62  
1,3,5-Trimethylbenzene  
Concen: 26.99 ug/L  
RT: 12.945 min Scan# 1811  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

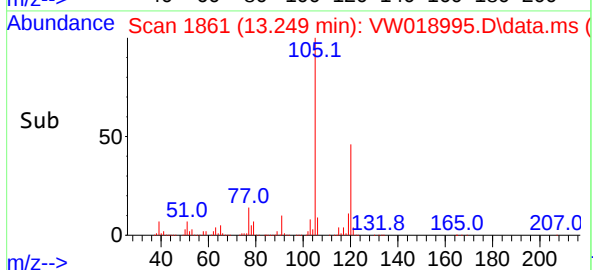
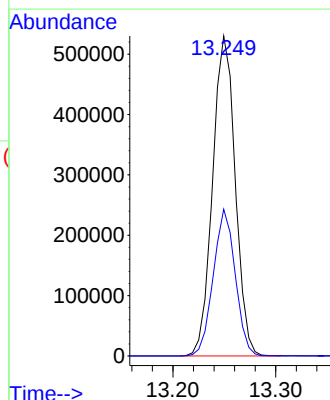
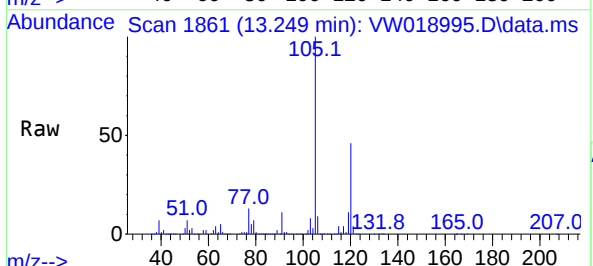
Instrument :  
MSVOA\_W  
ClientSampled :

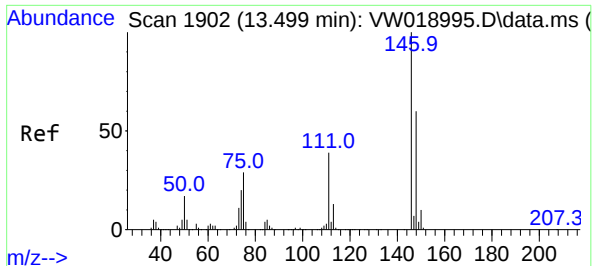
Tgt Ion:105 Resp: 809145  
Ion Ratio Lower Upper  
105 100  
120 49.0 39.0 58.6



#63  
1,2,4-Trimethylbenzene  
Concen: 26.90 ug/L  
RT: 13.249 min Scan# 1861  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

Tgt Ion:105 Resp: 809209  
Ion Ratio Lower Upper  
105 100  
120 44.5 35.6 53.4

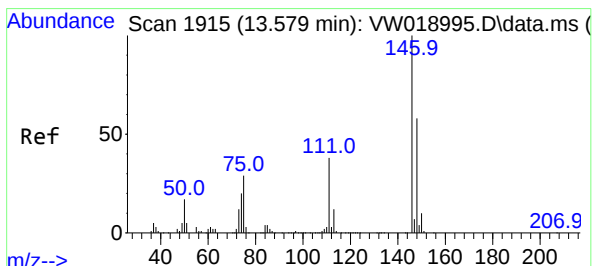
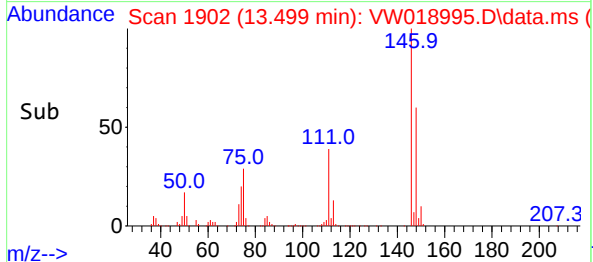
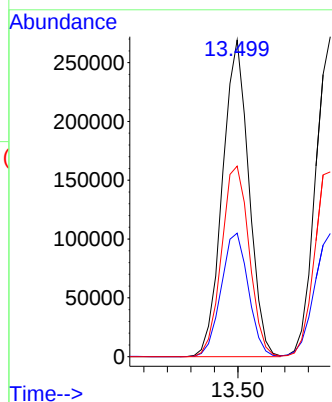
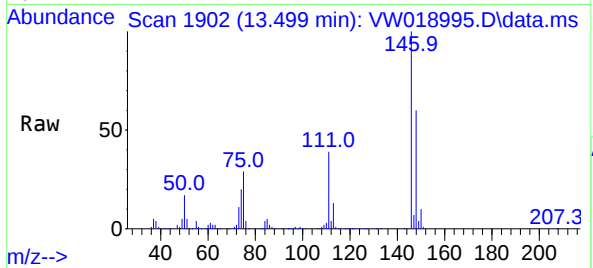




#64  
1,3-Dichlorobenzene  
Concen: 26.07 ug/L  
RT: 13.499 min Scan# 1902  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

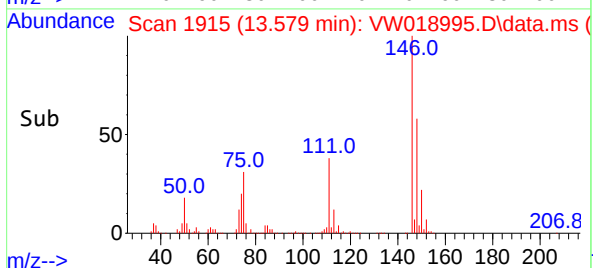
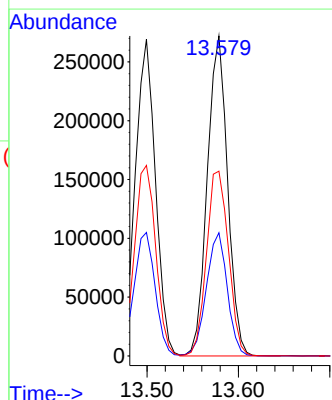
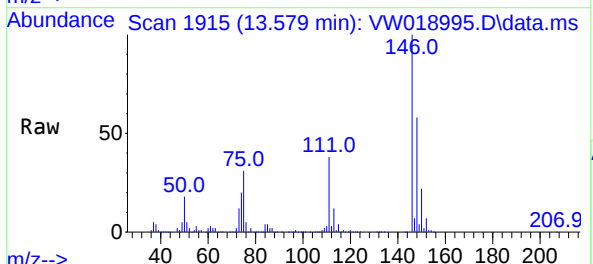
Instrument :  
MSVOA\_W  
ClientSampled :

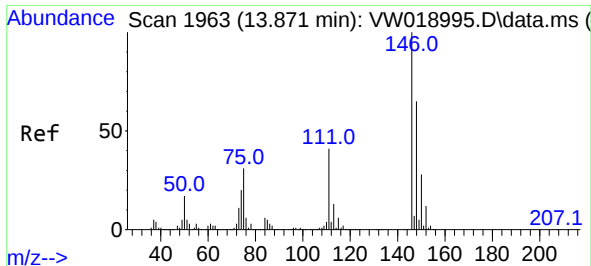
Tgt Ion:146 Resp: 419606  
Ion Ratio Lower Upper  
146 100  
111 39.0 26.7 49.7  
148 60.2 41.1 76.3



#65  
1,4-Dichlorobenzene  
Concen: 25.63 ug/L  
RT: 13.579 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

Tgt Ion:146 Resp: 419537  
Ion Ratio Lower Upper  
146 100  
111 38.5 28.8 53.4  
148 57.8 46.8 87.0

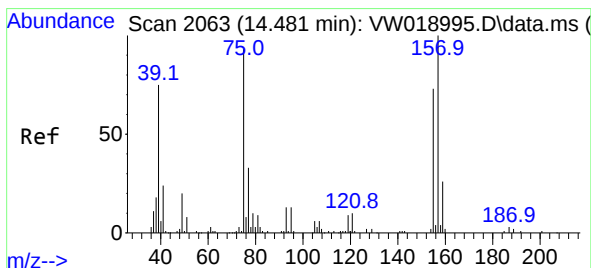
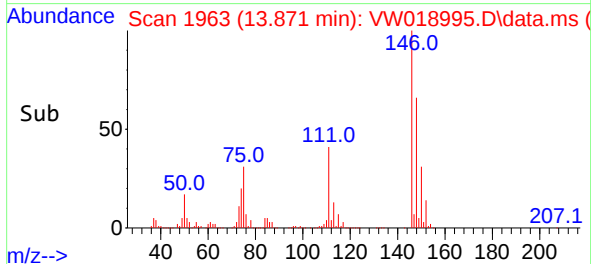
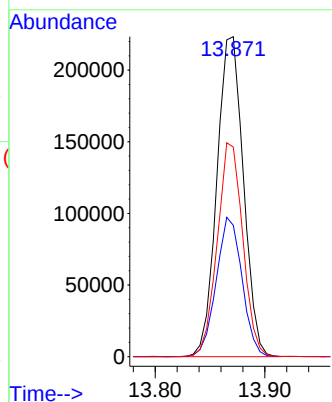
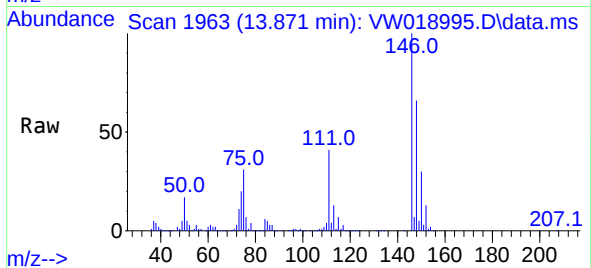




#67  
1,2-Dichlorobenzene  
Concen: 26.00 ug/L  
RT: 13.871 min Scan# 1963  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

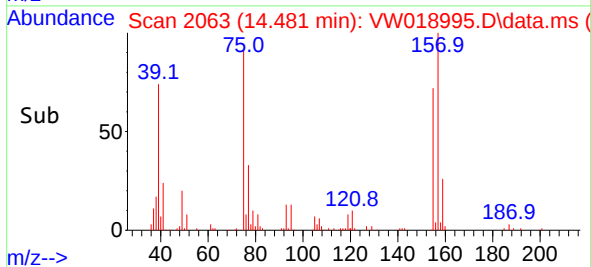
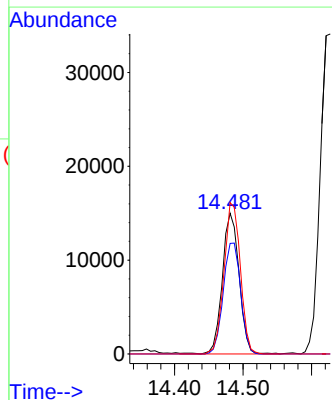
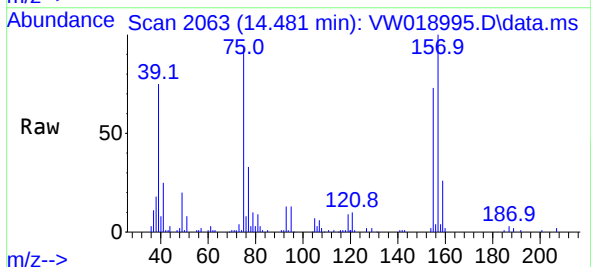
Instrument :  
MSVOA\_W  
ClientSampled :

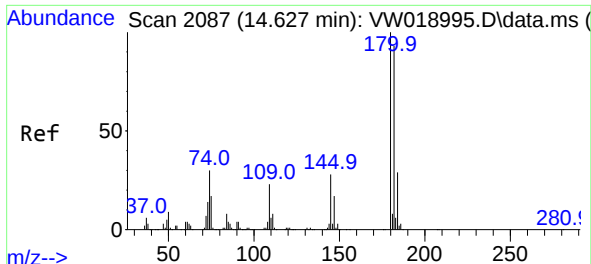
Tgt Ion:146 Resp: 376129  
Ion Ratio Lower Upper  
146 100  
111 41.1 33.2 49.8  
148 65.5 50.4 75.6



#68  
1,2-Dibromo-3-chloropropane  
Concen: 26.17 ug/L  
RT: 14.481 min Scan# 2063  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

Tgt Ion: 75 Resp: 25457  
Ion Ratio Lower Upper  
75 100  
155 78.6 59.4 89.0  
157 107.6 72.2 108.2



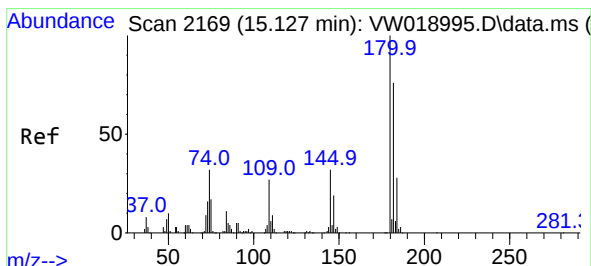
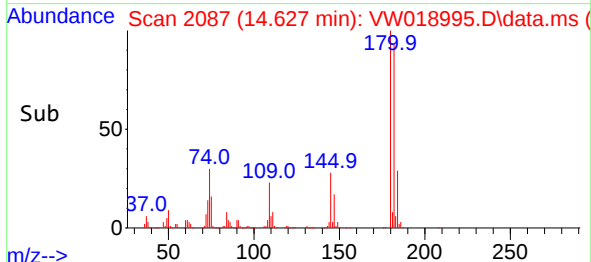
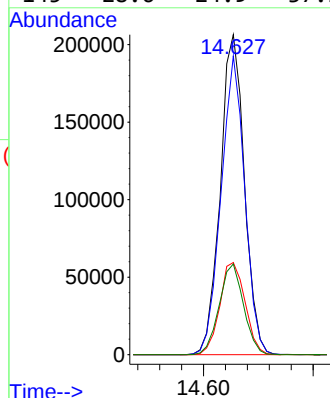
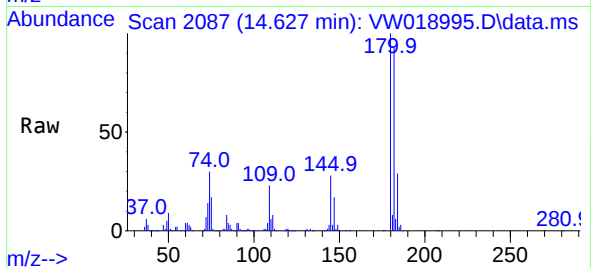


#69  
1,3,5-Trichlorobenzene  
Concen: 26.71 ug/L  
RT: 14.627 min Scan# 2087  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion:180 Resp: 315004

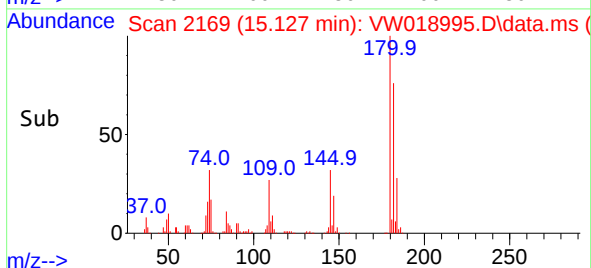
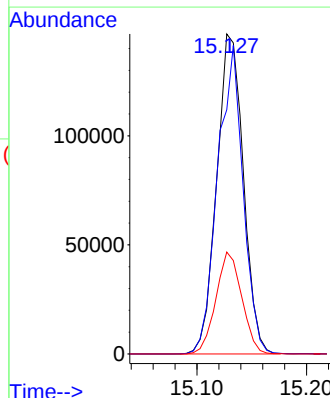
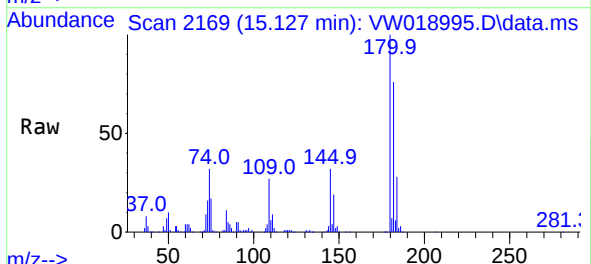
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 91.6  | 73.4  | 110.2 |
| 184 | 30.2  | 23.6  | 35.4  |
| 145 | 28.6  | 24.9  | 37.3  |

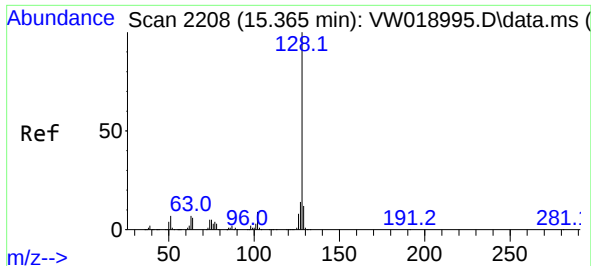


#70  
1,2,4-trichlorobenzene  
Concen: 25.81 ug/L  
RT: 15.127 min Scan# 2169  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

Tgt Ion:180 Resp: 247689

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 92.1  | 74.7  | 112.1 |
| 145 | 30.9  | 25.0  | 37.4  |

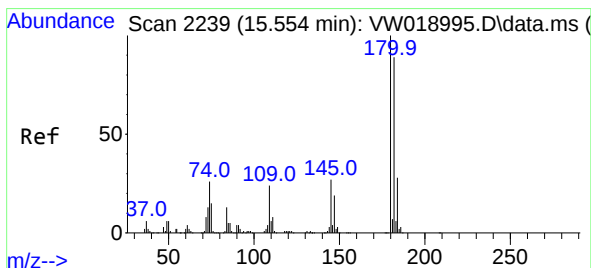
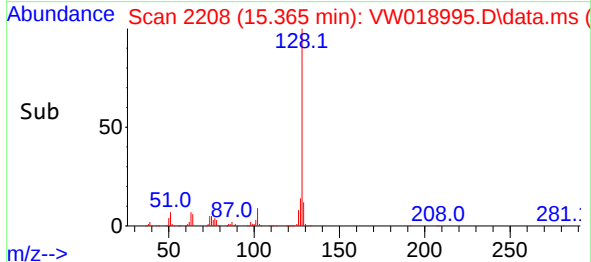
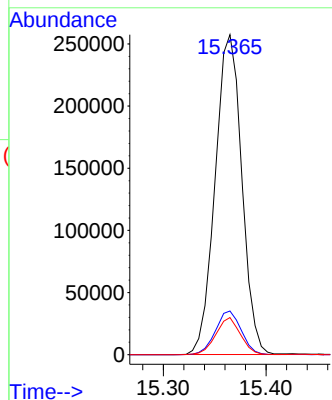
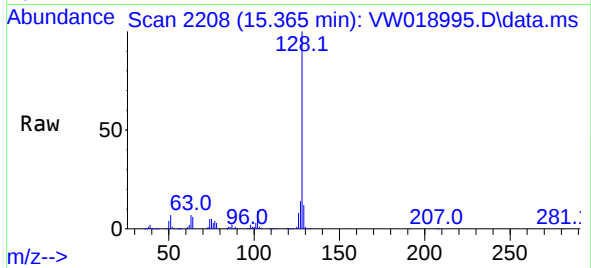




#71  
Naphthalene  
Concen: 26.99 ug/L  
RT: 15.365 min Scan# 2208  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion:128 Resp: 462913  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.6 15.8  
129 10.8 9.0 13.6



#72  
1,2,3-Trichlorobenzene  
Concen: 26.07 ug/L  
RT: 15.554 min Scan# 2239  
Delta R.T. 0.000 min  
Lab File: VW018995.D  
Acq: 14 May 2021 10:56

Tgt Ion:180 Resp: 217462  
Ion Ratio Lower Upper  
180 100  
182 94.7 76.7 115.1  
145 31.5 28.9 43.3

