

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW012921\  
 Data File : VW018004.D  
 Acq On : 29 Jan 2021 16:32  
 Operator : SY/VA  
 Sample : VSTDICV025  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jan 29 17:30:54 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jan 29 16:24:54 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 359181   | 25.00    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 329604   | 25.00    | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 177859   | 25.00    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 107670   | 24.12    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 96.48%   |
| 7) Chloroethane-d5            | 2.891  | 69    | 85697    | 24.19    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 96.76%   |
| 10) 1,1-Dichloroethene-d2     | 4.031  | 63    | 221161   | 24.78    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 99.12%   |
| 20) 2-Butanone-d5             | 7.074  | 46    | 63178    | 53.04    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 106.08%  |
| 24) Chloroform-d              | 7.647  | 84    | 232278   | 24.64    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 98.56%   |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 126073   | 25.11    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 100.44%  |
| 29) Benzene-d6                | 8.275  | 84    | 449045   | 24.81    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 99.24%   |
| 33) 1,2-Dichloropropane-d6    | 9.274  | 67    | 124201   | 24.54    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 98.16%   |
| 37) Toluene-d8                | 10.323 | 98    | 426173   | 24.75    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 99.00%   |
| 38) trans-1,3-Dichloroprop... | 10.579 | 79    | 60224    | 26.25    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 105.00%  |
| 39) 2-Hexanone-d5             | 10.927 | 63    | 53763    | 55.55    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 111.10%  |
| 48) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 117589   | 26.45    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 105.80%  |
| 61) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 161372   | 25.43    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 101.72%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 2.014  | 85    | 128711   | 26.48    | ug/L   | 98       |
| 3) Chloromethane              | 2.215  | 50    | 96600    | 26.99    | ug/L   | 100      |
| 5) Vinyl chloride             | 2.367  | 62    | 132996   | 26.94    | ug/L   | 100      |
| 6) Bromomethane               | 2.782  | 94    | 92118    | 26.24    | ug/L   | 100      |
| 8) Chloroethane               | 2.928  | 64    | 78429    | 26.59    | ug/L   | 99       |
| 9) Trichlorofluoromethane     | 3.257  | 101   | 94932    | 26.59    | ug/L   | 99       |
| 11) 1,1,2-Trichloro-1,2,2-... | 4.074  | 101   | 135037   | 26.47    | ug/L # | 67       |
| 12) 1,1-Dichloroethene        | 4.044  | 96    | 128151   | 26.70    | ug/L   | 95       |
| 13) Acetone                   | 4.117  | 43    | 44614    | 50.62    | ug/L   | 93       |
| 14) Carbon disulfide          | 4.391  | 76    | 378550   | 27.08    | ug/L   | 100      |
| 15) Methyl Acetate            | 4.672  | 43    | 54804    | 28.03    | ug/L   | 97       |
| 16) Methylene chloride        | 4.915  | 84    | 126519   | 21.98    | ug/L   | 94       |
| 17) Methyl tert-butyl Ether   | 5.428  | 73    | 147092   | 27.30    | ug/L   | 98       |
| 18) trans-1,2-Dichloroethene  | 5.428  | 96    | 135728   | 26.46    | ug/L   | 96       |
| 19) 1,1-Dichloroethane        | 6.214  | 63    | 215034   | 25.98    | ug/L   | 99       |
| 21) 2-Butanone                | 7.171  | 43    | 73644    | 54.89    | ug/L   | 96       |
| 22) cis-1,2-Dichloroethene    | 7.165  | 96    | 140259   | 26.37    | ug/L   | 97       |
| 23) Bromochloromethane        | 7.513  | 128   | 66481    | 26.00    | ug/L   | 96       |
| 25) Chloroform                | 7.671  | 83    | 234085   | 25.91    | ug/L   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW012921\  
 Data File : VW018004.D  
 Acq On : 29 Jan 2021 16:32  
 Operator : SY/VA  
 Sample : VSTDICV025  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jan 29 17:30:54 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jan 29 16:24:54 2021  
 Response via : Initial Calibration

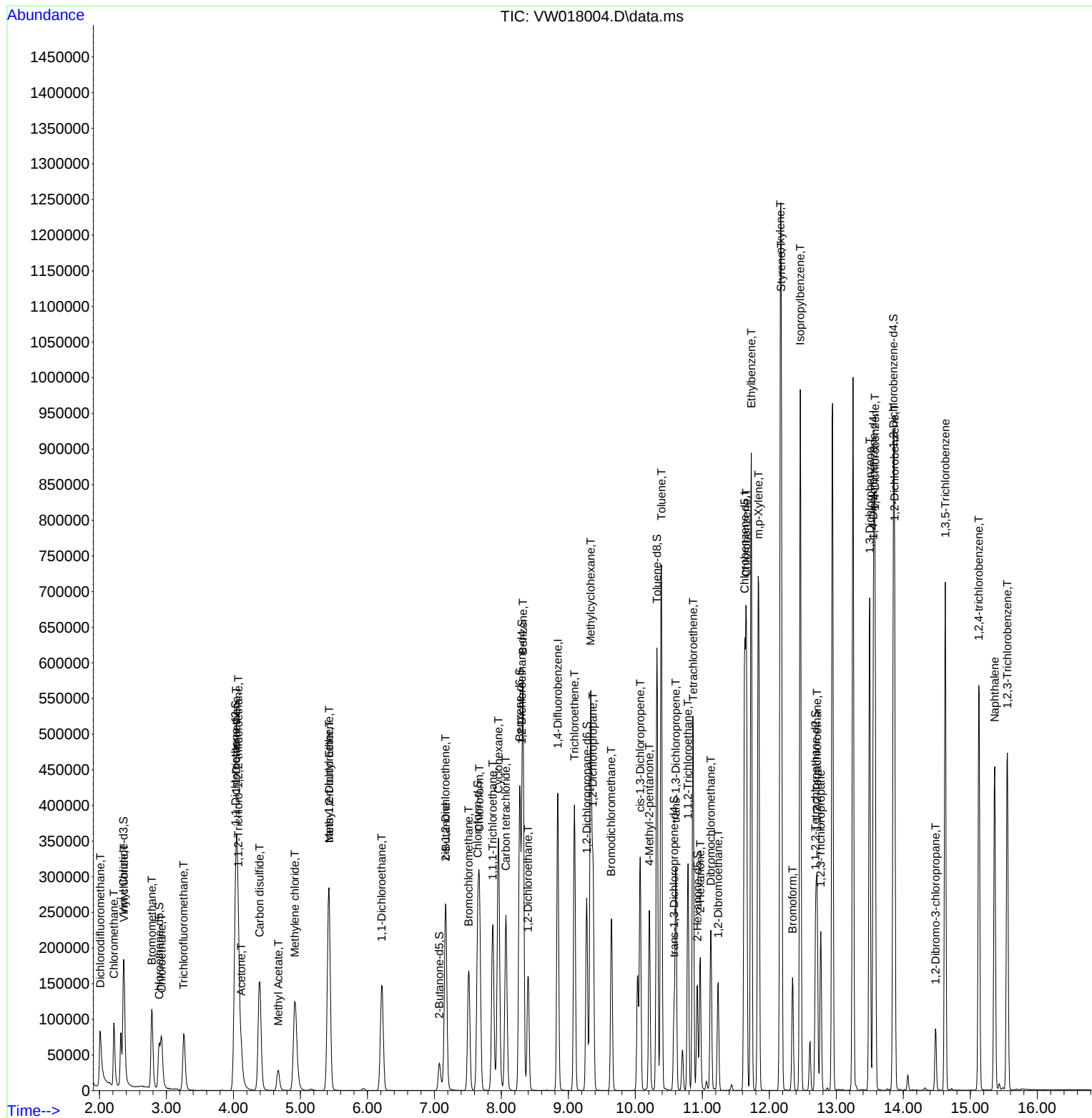
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 27) 1,2-Dichloroethane        | 8.396  | 62   | 155245   | 26.48 | ug/L  | 100      |
| 30) Cyclohexane               | 7.958  | 56   | 204351   | 27.11 | ug/L  | 95       |
| 31) 1,1,1-Trichloroethane     | 7.872  | 97   | 195854   | 26.80 | ug/L  | 99       |
| 32) Carbon tetrachloride      | 8.067  | 117  | 187212   | 26.45 | ug/L  | 96       |
| 34) Benzene                   | 8.323  | 78   | 504367   | 26.18 | ug/L  | 100      |
| 35) Trichloroethene           | 9.091  | 95   | 141370   | 26.04 | ug/L  | 98       |
| 36) Methylcyclohexane         | 9.335  | 83   | 244155   | 26.75 | ug/L  | 97       |
| 40) 1,2-Dichloropropane       | 9.366  | 63   | 117538   | 26.59 | ug/L  | 100      |
| 41) Bromodichloromethane      | 9.640  | 83   | 166688   | 26.33 | ug/L  | 98       |
| 42) cis-1,3-Dichloropropene   | 10.073 | 75   | 193423   | 27.15 | ug/L  | 99       |
| 43) 4-Methyl-2-pentanone      | 10.207 | 43   | 154984   | 56.38 | ug/L  | 94       |
| 44) Toluene                   | 10.390 | 91   | 561044   | 26.46 | ug/L  | 99       |
| 45) trans-1,3-Dichloropropene | 10.603 | 75   | 171908   | 27.72 | ug/L  | 99       |
| 46) 1,1,2-Trichloroethane     | 10.786 | 97   | 101331   | 26.86 | ug/L  | 96       |
| 47) Tetrachloroethene         | 10.866 | 164  | 119199   | 25.79 | ug/L  | 96       |
| 49) 2-Hexanone                | 10.969 | 43   | 110350   | 57.77 | ug/L  | 96       |
| 50) Dibromochloromethane      | 11.128 | 129  | 123861   | 27.40 | ug/L  | 99       |
| 51) 1,2-Dibromoethane         | 11.237 | 107  | 102690   | 27.28 | ug/L  | 99       |
| 52) Chlorobenzene             | 11.658 | 112  | 359673   | 25.75 | ug/L  | 95       |
| 53) Ethylbenzene              | 11.731 | 91   | 637067   | 26.44 | ug/L  | 98       |
| 54) m,p-Xylene                | 11.841 | 106  | 245283   | 26.70 | ug/L  | 100      |
| 55) o-xylene                  | 12.164 | 106  | 229925   | 26.38 | ug/L  | 99       |
| 56) Styrene                   | 12.176 | 104  | 402242   | 27.14 | ug/L  | 99       |
| 57) Isopropylbenzene          | 12.463 | 105  | 645790   | 26.61 | ug/L  | 100      |
| 58) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 122423   | 27.43 | ug/L  | 99       |
| 59) 1,2,3-Trichloropropane    | 12.768 | 75   | 91424    | 27.03 | ug/L  | 100      |
| 62) Bromoform                 | 12.347 | 173  | 75630    | 27.59 | ug/L  | 98       |
| 63) 1,3-Dichlorobenzene       | 13.499 | 146  | 297900   | 26.28 | ug/L  | 95       |
| 64) 1,4-Dichlorobenzene       | 13.579 | 146  | 295787   | 25.94 | ug/L  | 96       |
| 65) 1,2-Dichlorobenzene       | 13.871 | 146  | 266292   | 26.05 | ug/L  | 94       |
| 66) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 22043    | 28.47 | ug/L  | 95       |
| 67) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 227472   | 26.12 | ug/L  | 97       |
| 68) 1,2,4-trichlorobenzene    | 15.127 | 180  | 193885   | 26.70 | ug/L  | 95       |
| 69) Naphthalene               | 15.365 | 128  | 403548   | 28.57 | ug/L  | 99       |
| 70) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 173332   | 26.78 | ug/L  | 97       |

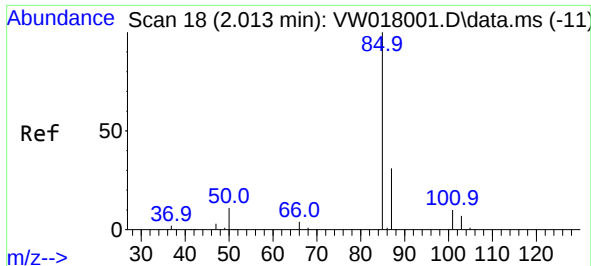
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW012921\  
 Data File : VW018004.D  
 Acq On : 29 Jan 2021 16:32  
 Operator : SY/VA  
 Sample : VSTDICV025  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jan 29 17:30:54 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jan 29 16:24:54 2021  
 Response via : Initial Calibration

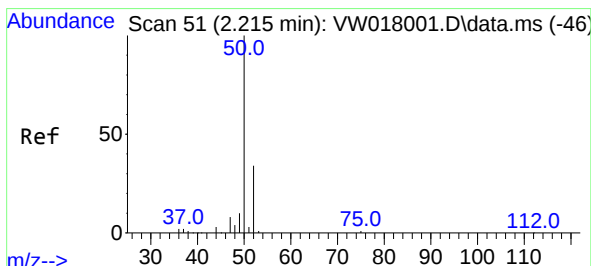
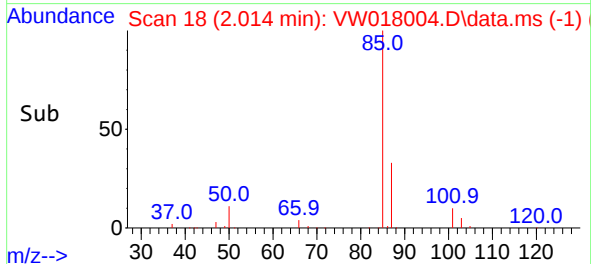
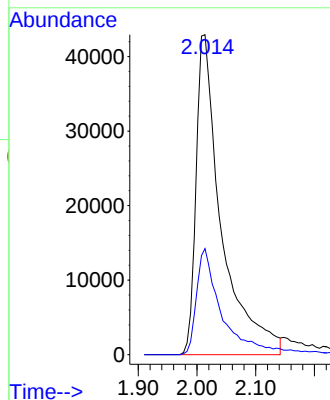
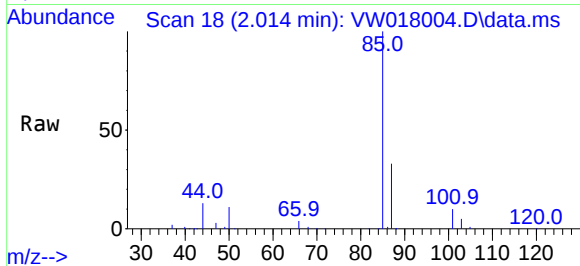




#2  
Dichlorodifluoromethane  
Concen: 26.48 ug/L  
RT: 2.014 min Scan# 18  
Delta R.T. 0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

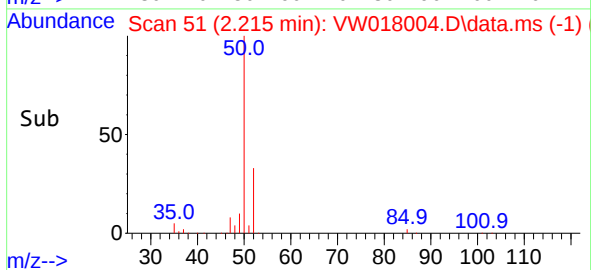
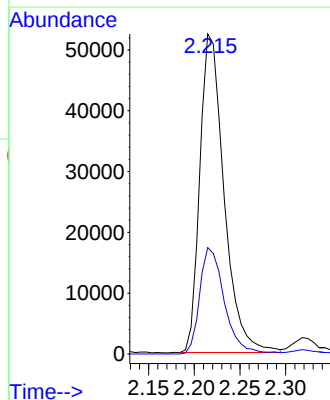
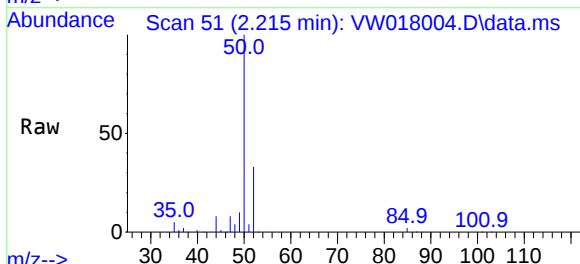
Instrument :  
MSVOA\_W  
ClientSampled :

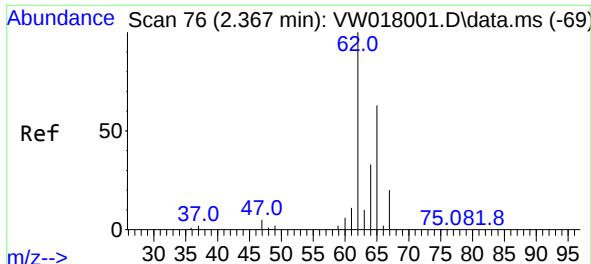
Tgt Ion: 85 Resp: 128711  
Ion Ratio Lower Upper  
85 100  
87 32.1 23.2 43.0



#3  
Chloromethane  
Concen: 26.99 ug/L  
RT: 2.215 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

Tgt Ion: 50 Resp: 96600  
Ion Ratio Lower Upper  
50 100  
52 33.2 23.4 43.6

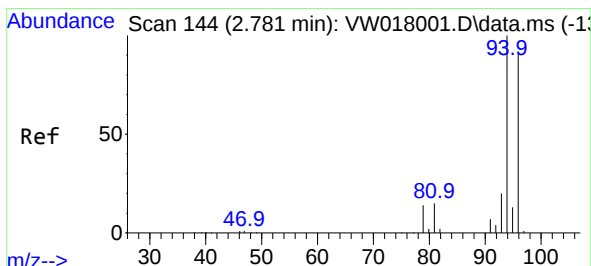
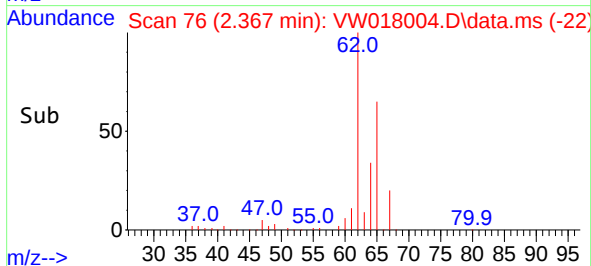
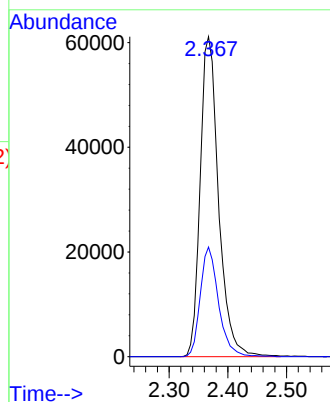
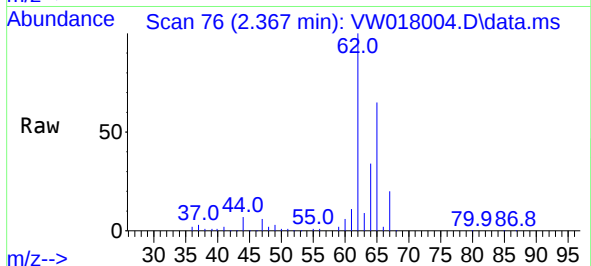




#5  
 Vinyl chloride  
 Concen: 26.94 ug/L  
 RT: 2.367 min Scan# 76  
 Delta R.T. 0.000 min  
 Lab File: VW018004.D  
 Acq: 29 Jan 2021 16:32

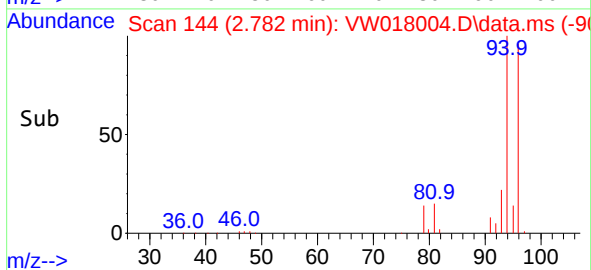
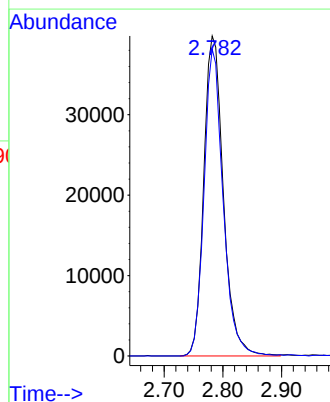
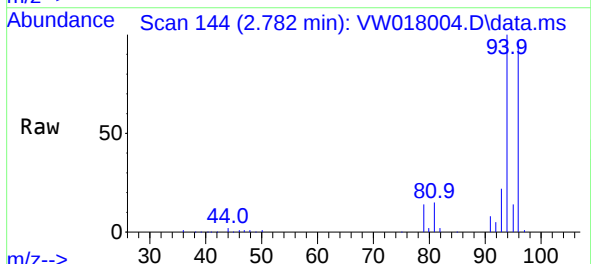
Instrument :  
 MSVOA\_W  
 ClientSampled :

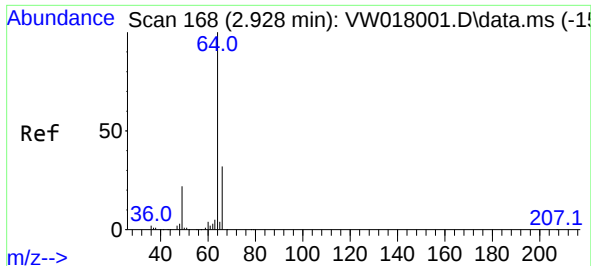
Tgt Ion: 62 Resp: 132996  
 Ion Ratio Lower Upper  
 62 100  
 64 34.3 23.9 44.5



#6  
 Bromomethane  
 Concen: 26.24 ug/L  
 RT: 2.782 min Scan# 144  
 Delta R.T. 0.000 min  
 Lab File: VW018004.D  
 Acq: 29 Jan 2021 16:32

Tgt Ion: 94 Resp: 92118  
 Ion Ratio Lower Upper  
 94 100  
 96 93.4 9.4 178.0

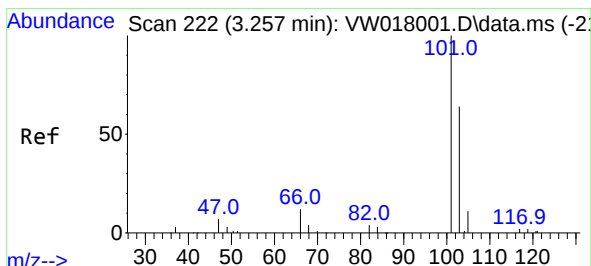
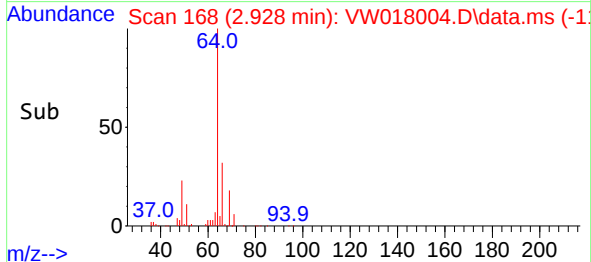
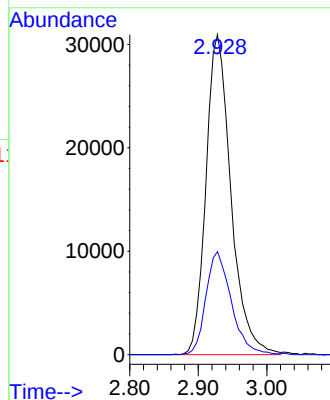
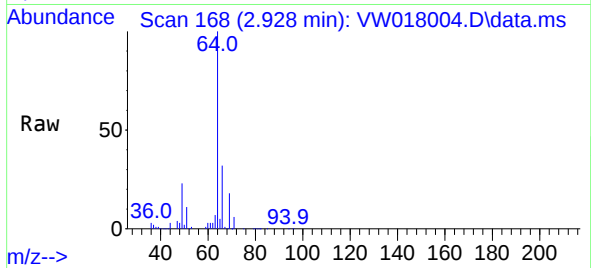




#8  
Chloroethane  
Concen: 26.59 ug/L  
RT: 2.928 min Scan# 168  
Delta R.T. 0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

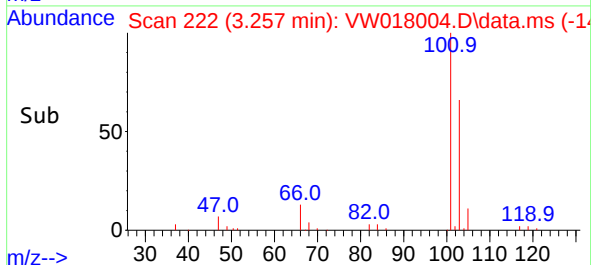
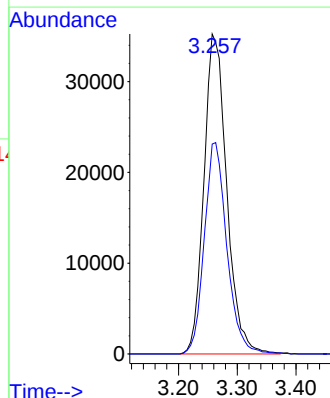
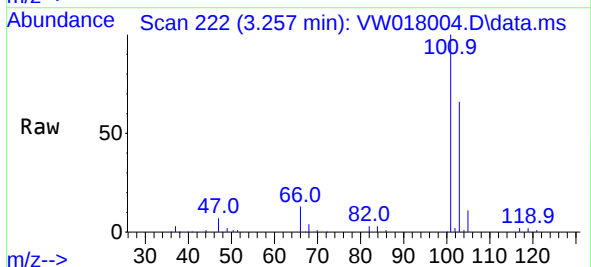
Instrument :  
MSVOA\_W  
ClientSampled :

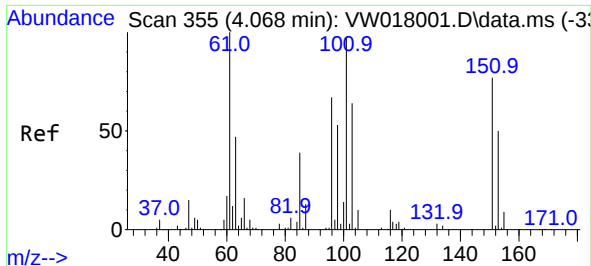
Tgt Ion: 64 Resp: 78429  
Ion Ratio Lower Upper  
64 100  
66 32.2 22.0 41.0



#9  
Trichlorofluoromethane  
Concen: 26.59 ug/L  
RT: 3.257 min Scan# 222  
Delta R.T. 0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

Tgt Ion:101 Resp: 94932  
Ion Ratio Lower Upper  
101 100  
103 65.3 45.0 83.6

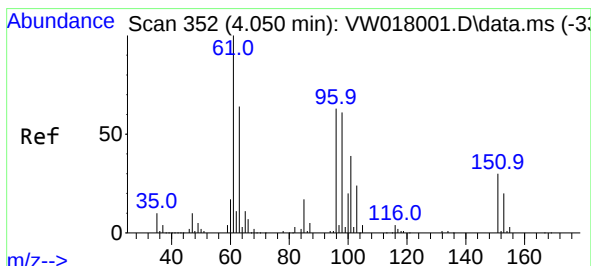
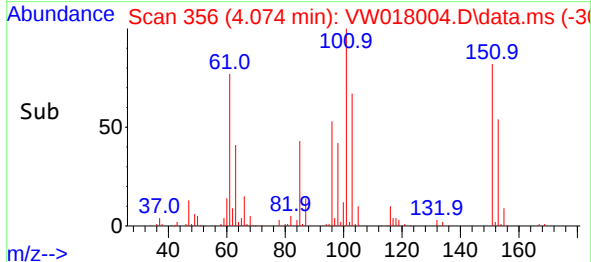
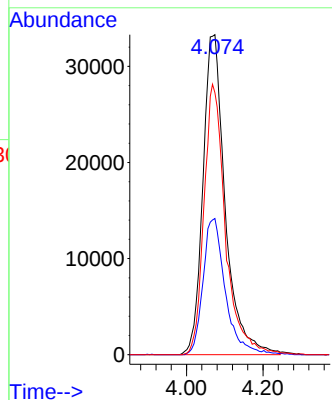
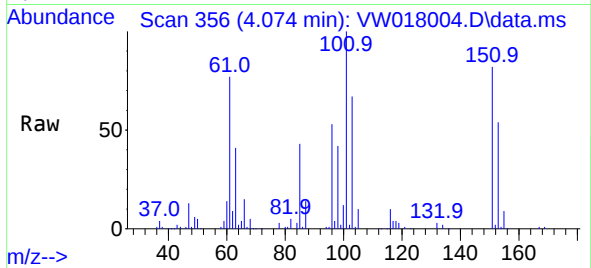




#11  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 26.47 ug/L  
RT: 4.074 min Scan# 356  
Delta R.T. 0.006 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

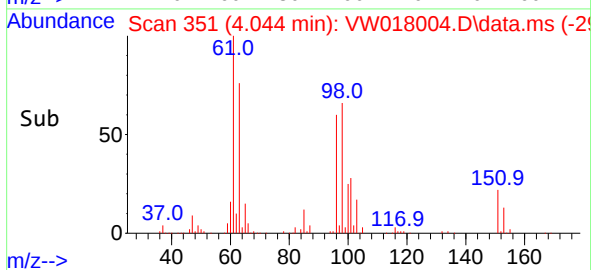
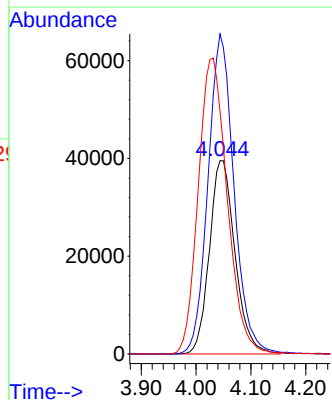
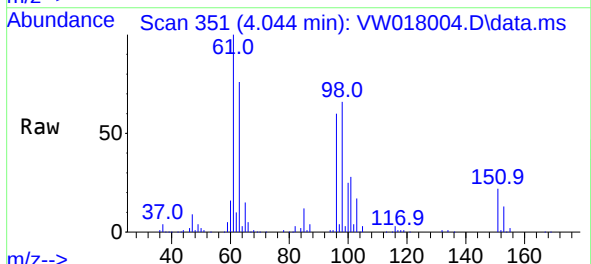
Instrument :  
MSVOA\_W  
ClientSampled :

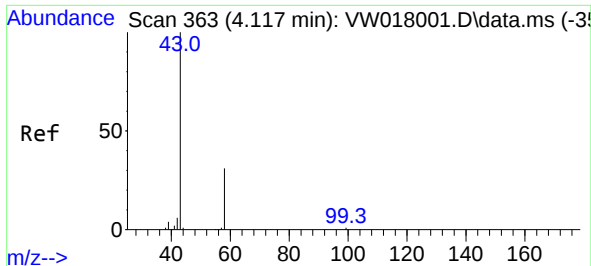
Tgt Ion:101 Resp: 135037  
Ion Ratio Lower Upper  
101 100  
85 42.1 34.2 51.4  
151 80.0 30.4 45.6#



#12  
1,1-Dichloroethene  
Concen: 26.70 ug/L  
RT: 4.044 min Scan# 351  
Delta R.T. -0.006 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

Tgt Ion: 96 Resp: 128151  
Ion Ratio Lower Upper  
96 100  
61 165.6 112.5 208.9  
63 125.4 83.1 154.3

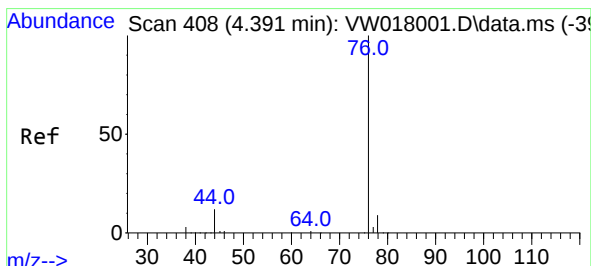
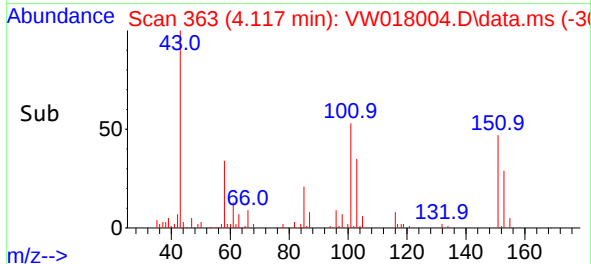
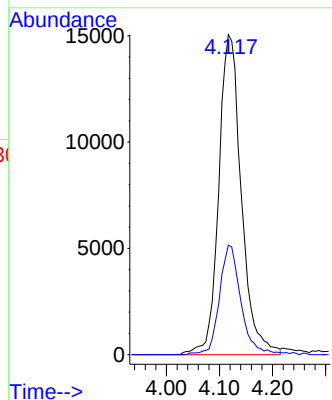
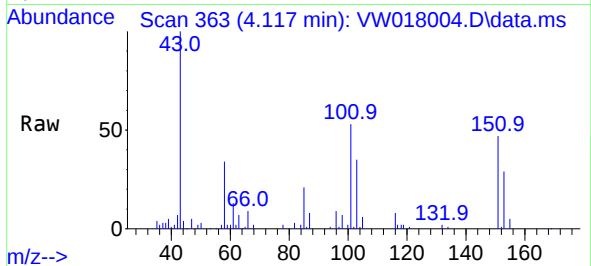




#13  
Acetone  
Concen: 50.62 ug/L  
RT: 4.117 min Scan# 363  
Delta R.T. 0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

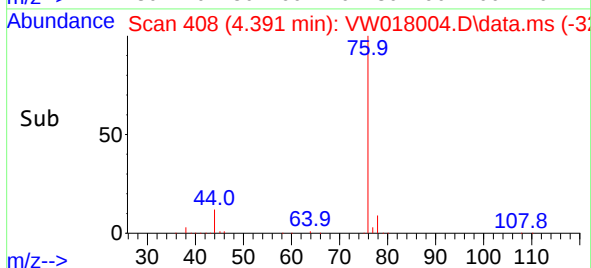
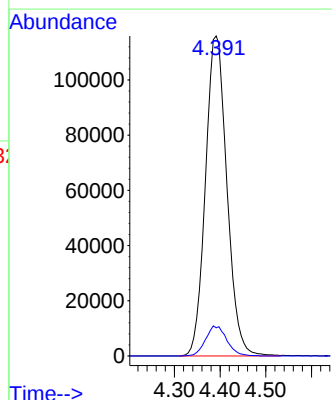
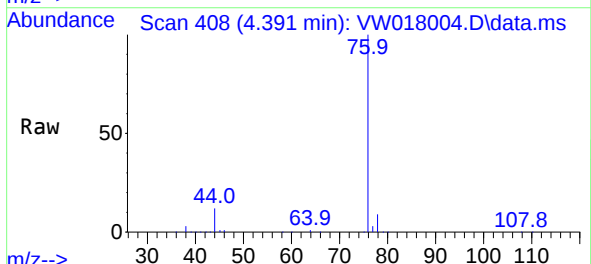
Instrument :  
MSVOA\_W  
ClientSampled :

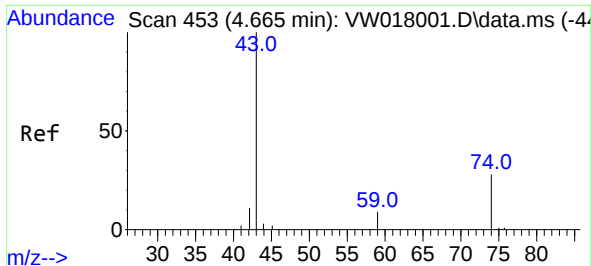
Tgt Ion: 43 Resp: 44614  
Ion Ratio Lower Upper  
43 100  
58 30.1 0.0 68.4



#14  
Carbon disulfide  
Concen: 27.08 ug/L  
RT: 4.391 min Scan# 408  
Delta R.T. 0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

Tgt Ion: 76 Resp: 378550  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.0 10.4

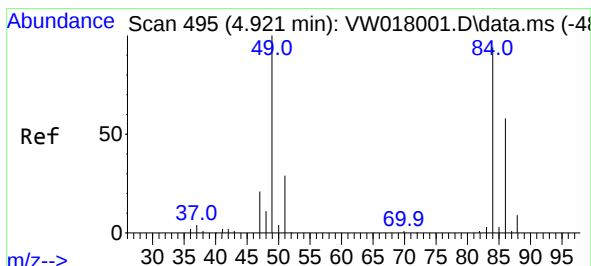
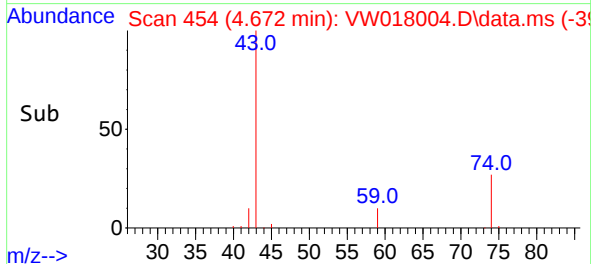
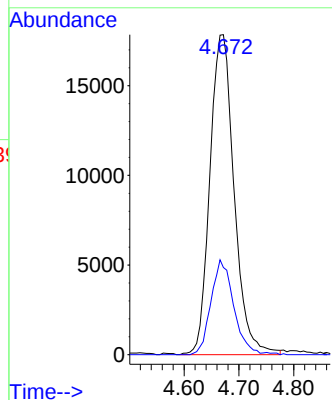
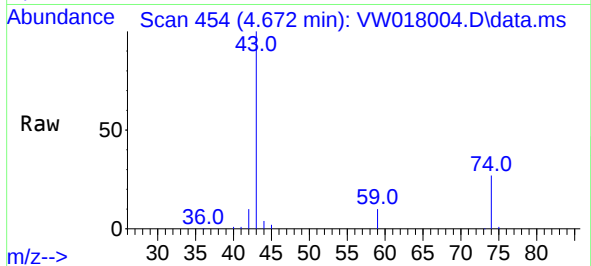




#15  
Methyl Acetate  
Concen: 28.03 ug/L  
RT: 4.672 min Scan# 454  
Delta R.T. 0.006 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

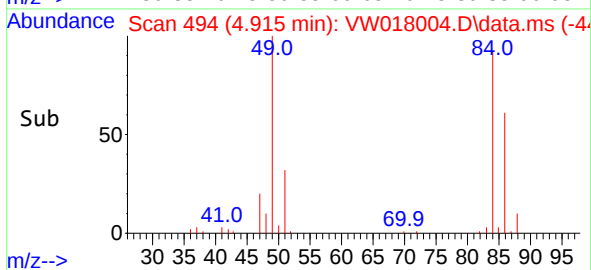
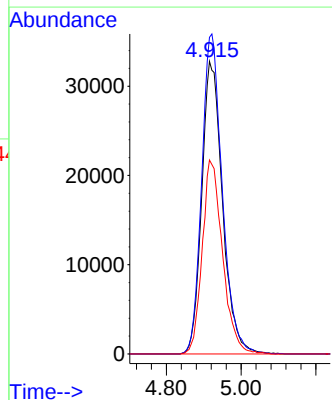
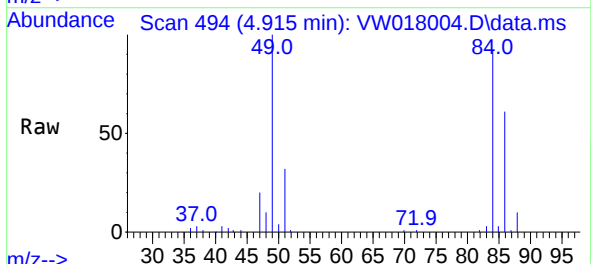
Instrument :  
MSVOA\_W  
ClientSampled :

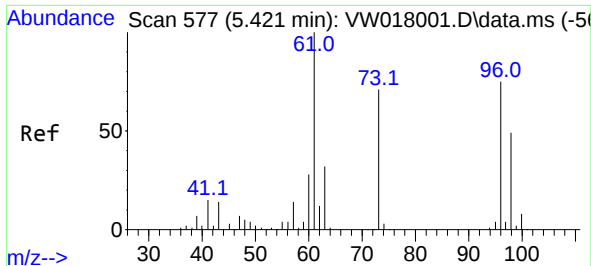
Tgt Ion: 43 Resp: 54804  
Ion Ratio Lower Upper  
43 100  
74 27.6 20.7 31.1



#16  
Methylene chloride  
Concen: 21.98 ug/L  
RT: 4.915 min Scan# 494  
Delta R.T. -0.006 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

Tgt Ion: 84 Resp: 126519  
Ion Ratio Lower Upper  
84 100  
49 108.2 81.2 150.8  
86 66.3 44.5 82.7

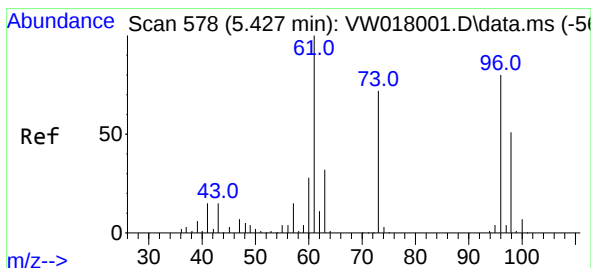
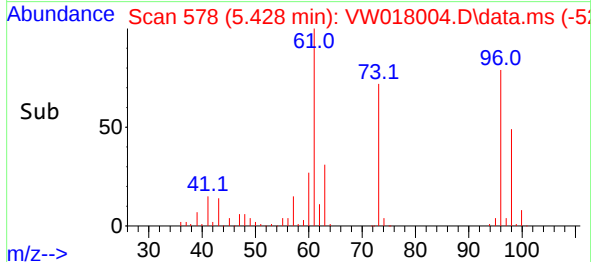
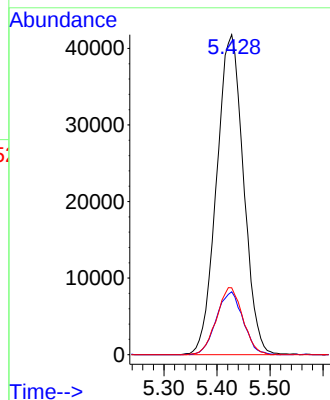
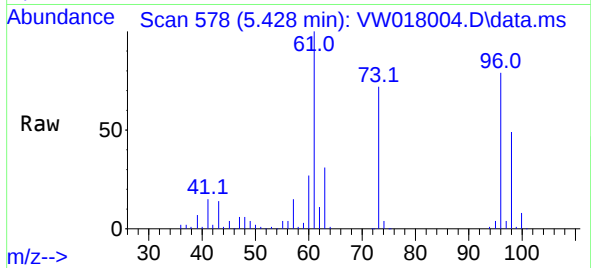




#17  
Methyl tert-butyl Ether  
Concen: 27.30 ug/L  
RT: 5.428 min Scan# 578  
Delta R.T. 0.006 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

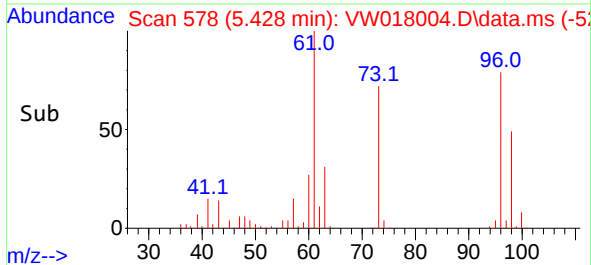
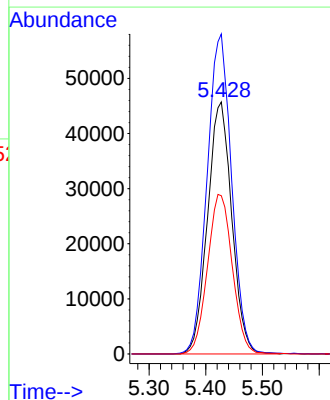
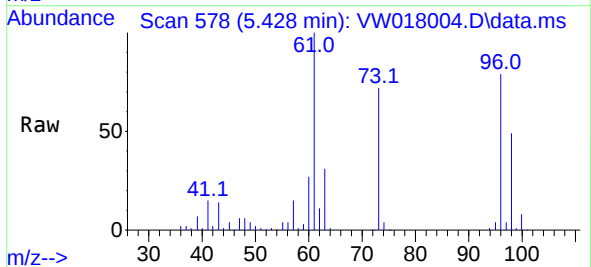
Instrument :  
MSVOA\_W  
ClientSampled :

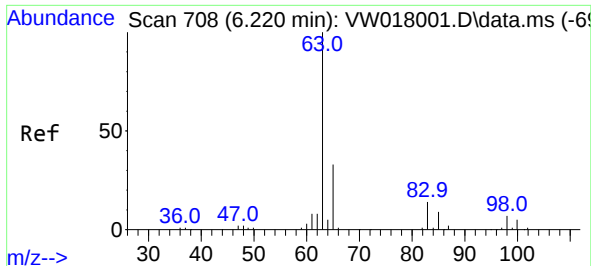
Tgt Ion: 73 Resp: 147092  
Ion Ratio Lower Upper  
73 100  
43 19.5 16.2 24.4  
57 20.4 17.2 25.8



#18  
trans-1,2-Dichloroethene  
Concen: 26.46 ug/L  
RT: 5.428 min Scan# 578  
Delta R.T. 0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

Tgt Ion: 96 Resp: 135728  
Ion Ratio Lower Upper  
96 100  
61 127.0 92.7 172.1  
98 62.8 43.3 80.3





#19

1,1-Dichloroethane

Concen: 25.98 ug/L

RT: 6.214 min Scan# 707

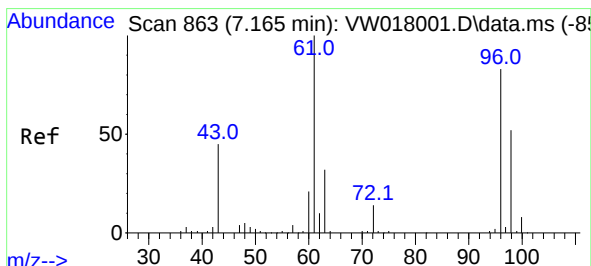
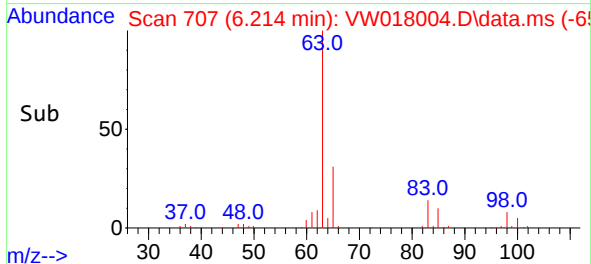
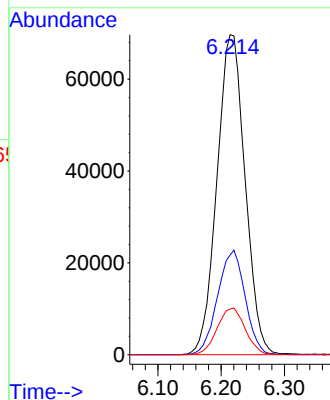
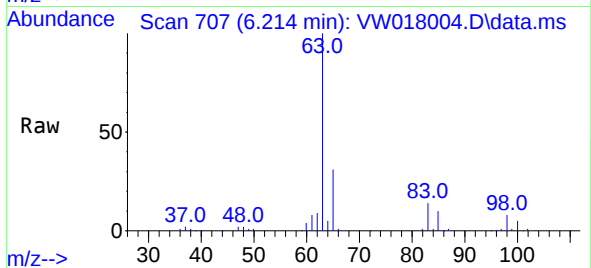
Delta R.T. -0.006 min

Lab File: VW018004.D

Acq: 29 Jan 2021 16:32

Tgt Ion: 63 Resp: 215034

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 65  | 31.2  | 21.9  | 40.7  |
| 83  | 14.3  | 9.4   | 17.6  |



#21

2-Butanone

Concen: 54.89 ug/L

RT: 7.171 min Scan# 864

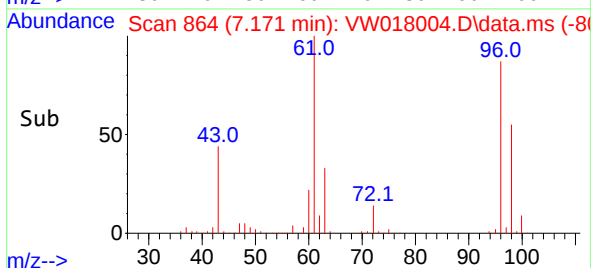
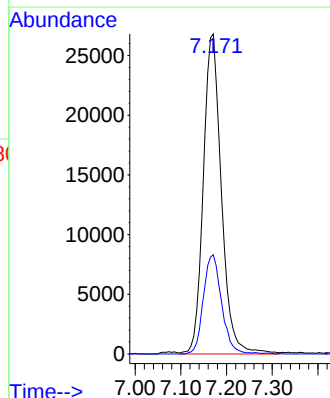
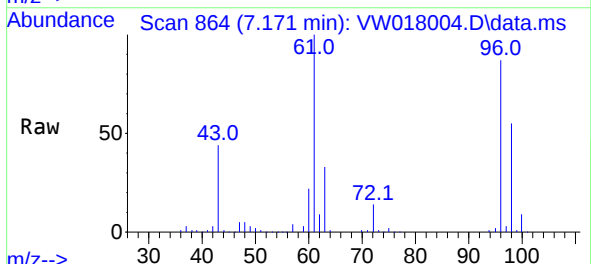
Delta R.T. 0.006 min

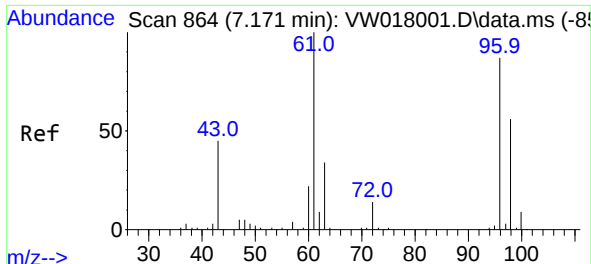
Lab File: VW018004.D

Acq: 29 Jan 2021 16:32

Tgt Ion: 43 Resp: 73644

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 31.1  | 14.4  | 43.2  |

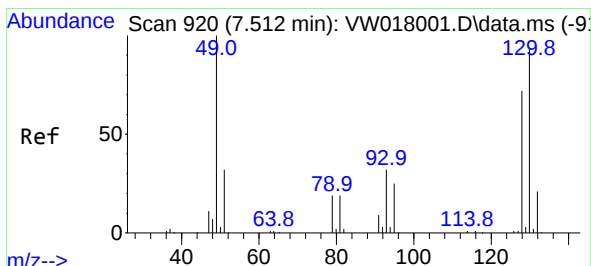
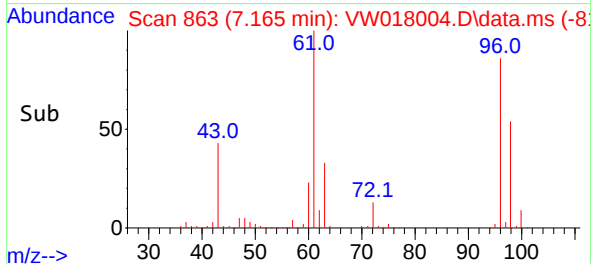
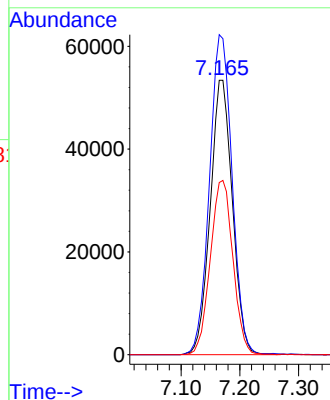
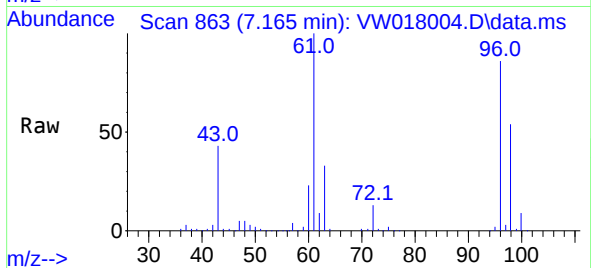




#22  
cis-1,2-Dichloroethene  
Concen: 26.37 ug/L  
RT: 7.165 min Scan# 863  
Delta R.T. -0.006 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

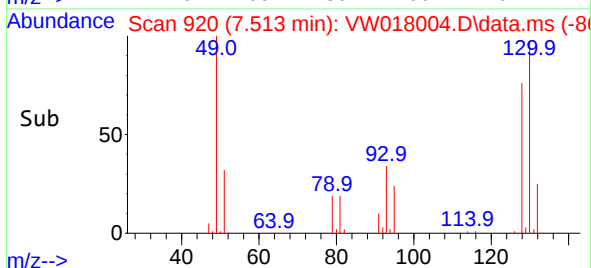
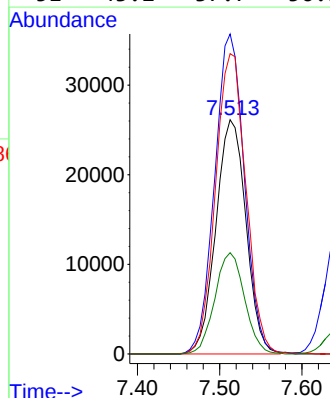
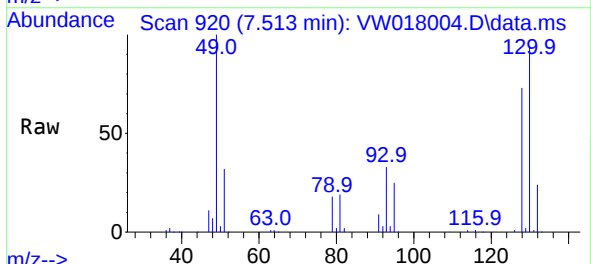
Instrument :  
MSVOA\_W  
ClientSampled :

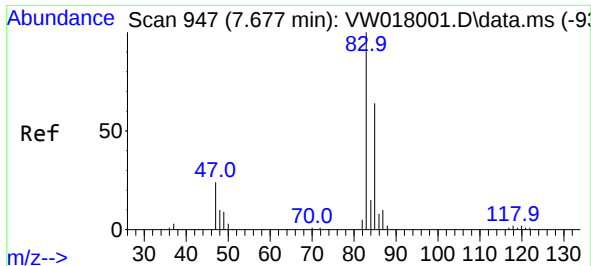
Tgt Ion: 96 Resp: 140259  
Ion Ratio Lower Upper  
96 100  
61 116.6 84.6 157.2  
98 62.8 44.7 82.9



#23  
Bromochloromethane  
Concen: 26.00 ug/L  
RT: 7.513 min Scan# 920  
Delta R.T. 0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

Tgt Ion: 128 Resp: 66481  
Ion Ratio Lower Upper  
128 100  
49 136.6 101.6 188.6  
130 128.2 90.4 167.8  
51 43.2 37.7 56.5

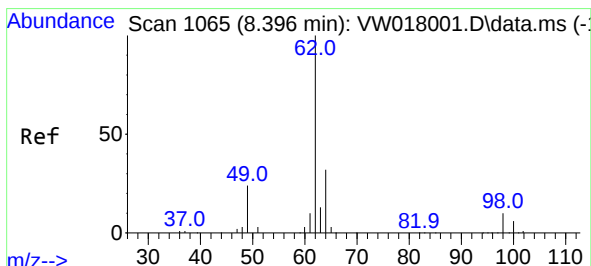
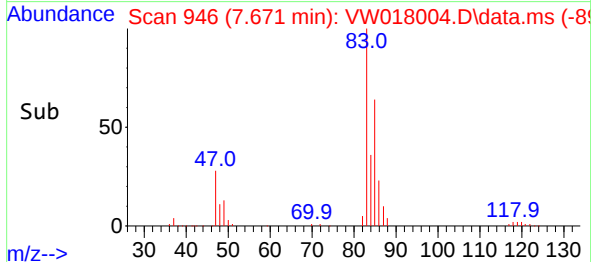
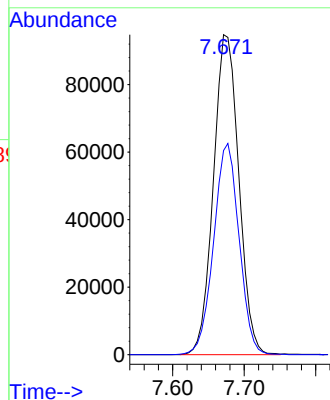
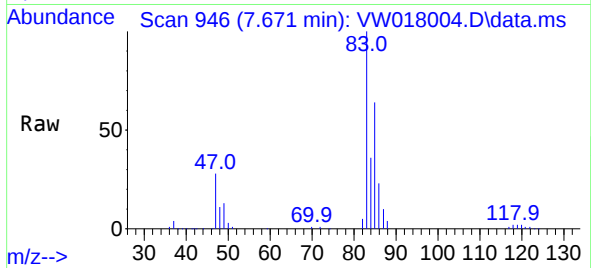




#25  
Chloroform  
Concen: 25.91 ug/L  
RT: 7.671 min Scan# 946  
Delta R.T. -0.006 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

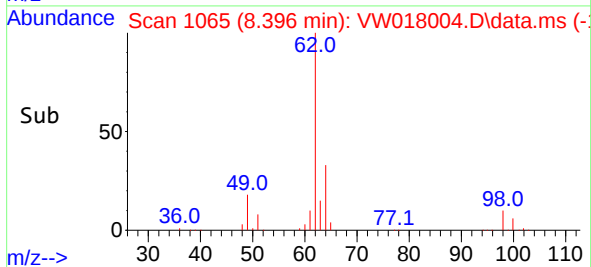
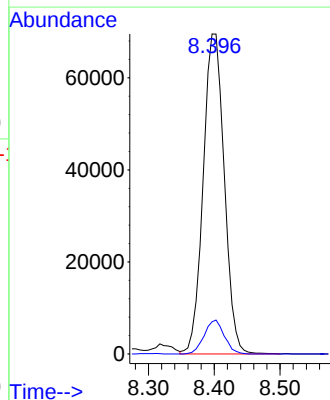
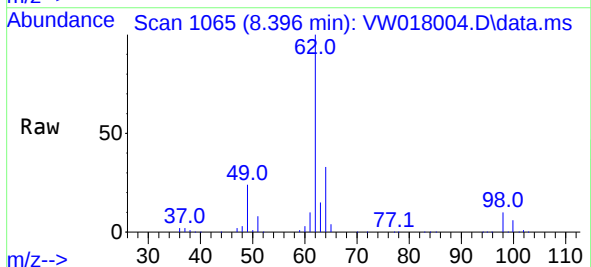
Instrument :  
MSVOA\_W  
ClientSampled :

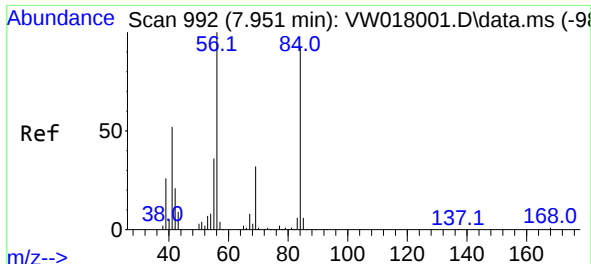
Tgt Ion: 83 Resp: 234085  
Ion Ratio Lower Upper  
83 100  
85 66.1 45.7 84.9



#27  
1,2-Dichloroethane  
Concen: 26.48 ug/L  
RT: 8.396 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

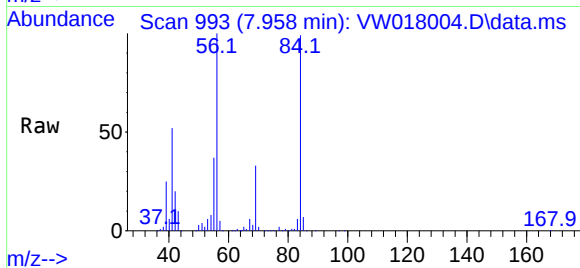
Tgt Ion: 62 Resp: 155245  
Ion Ratio Lower Upper  
62 100  
98 10.1 8.0 12.0





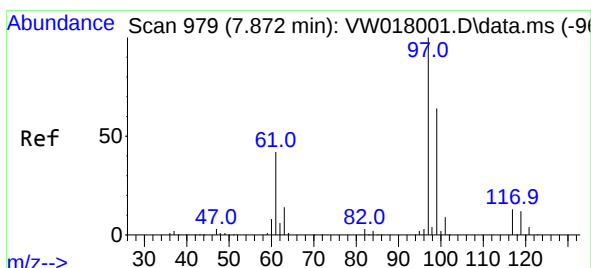
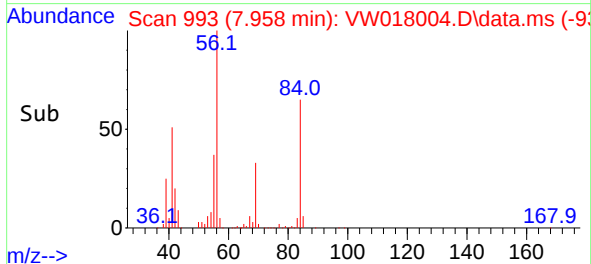
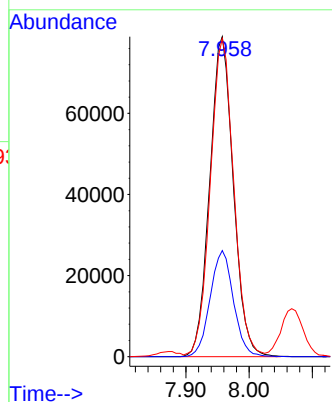
#30  
Cyclohexane  
Concen: 27.11 ug/L  
RT: 7.958 min Scan# 993  
Delta R.T. 0.007 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

Instrument :  
MSVOA\_W  
ClientSampled :



Tgt Ion: 56 Resp: 204351

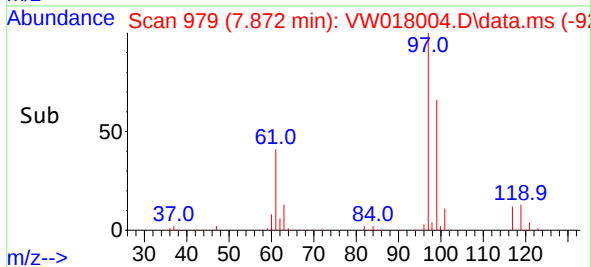
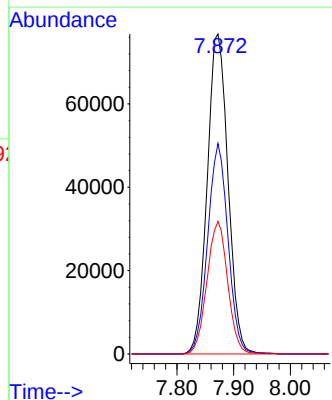
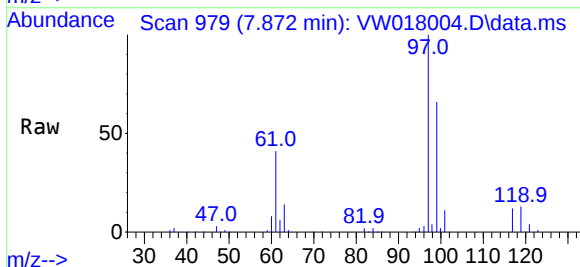
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 32.8  | 24.8  | 37.2  |
| 84  | 98.6  | 74.2  | 111.4 |

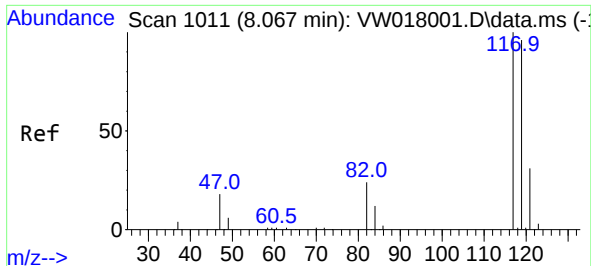


#31  
1,1,1-Trichloroethane  
Concen: 26.80 ug/L  
RT: 7.872 min Scan# 979  
Delta R.T. 0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

Tgt Ion: 97 Resp: 195854

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.3  | 51.0  | 76.4  |
| 61  | 41.1  | 33.6  | 50.4  |

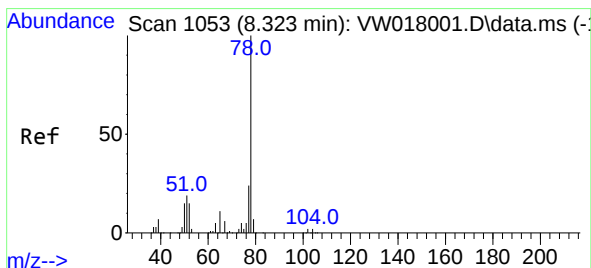
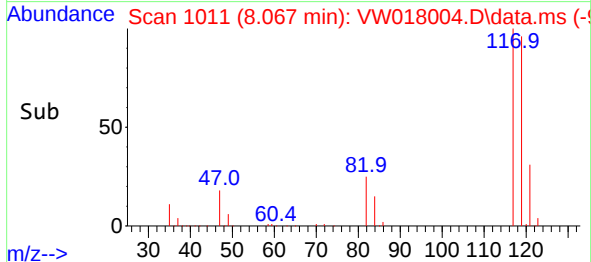
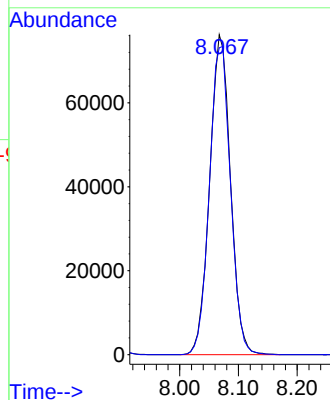
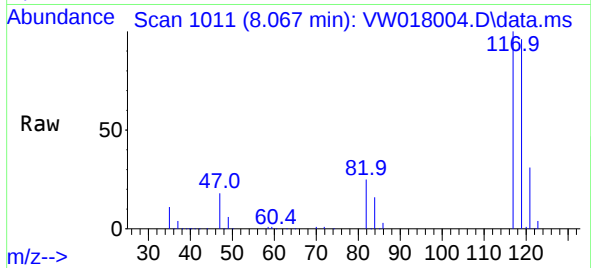




#32  
Carbon tetrachloride  
Concen: 26.45 ug/L  
RT: 8.067 min Scan# 1011  
Delta R.T. 0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

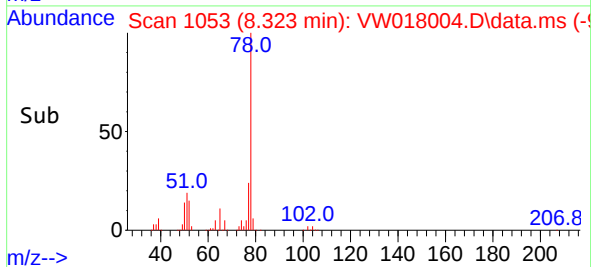
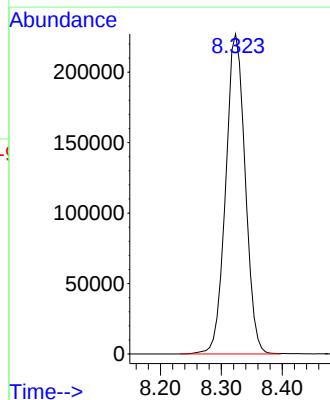
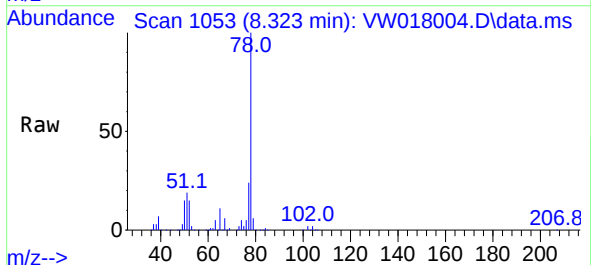
Instrument :  
MSVOA\_W  
ClientSampled :

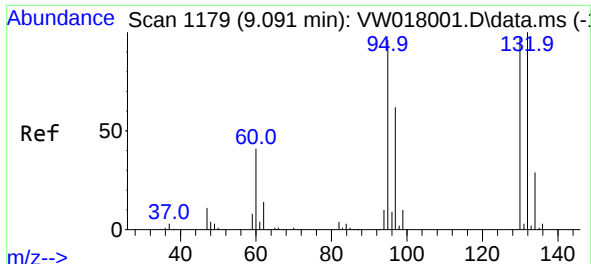
Tgt Ion:117 Resp: 187212  
Ion Ratio Lower Upper  
117 100  
119 98.3 75.8 113.8



#34  
Benzene  
Concen: 26.18 ug/L  
RT: 8.323 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

Tgt Ion: 78 Resp: 504367

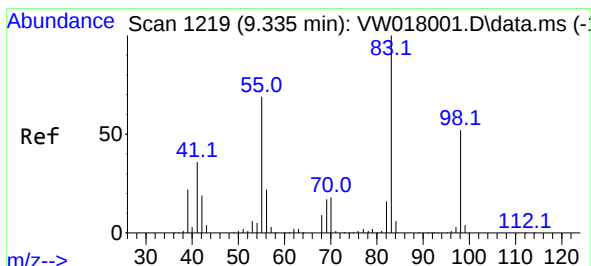
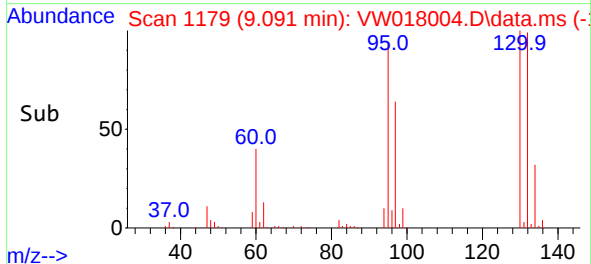
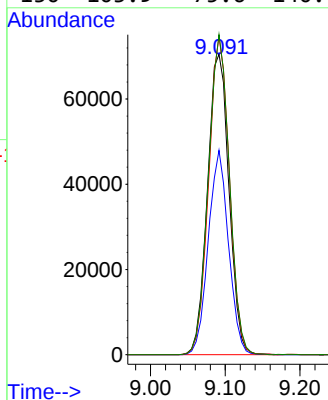
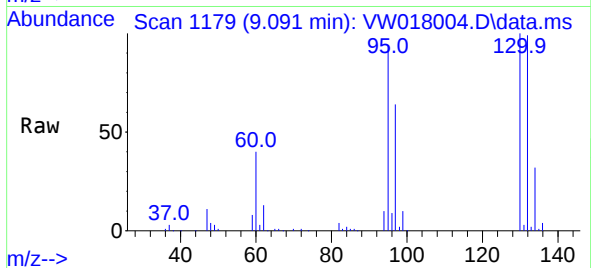




#35  
Trichloroethene  
Concen: 26.04 ug/L  
RT: 9.091 min Scan# 1179  
Delta R.T. 0.001 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

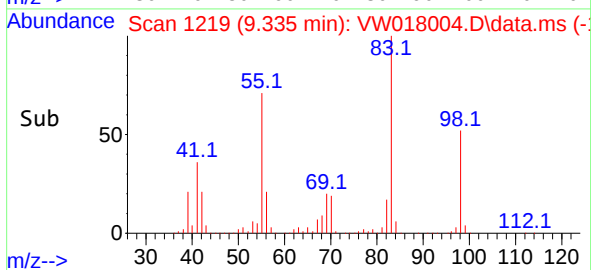
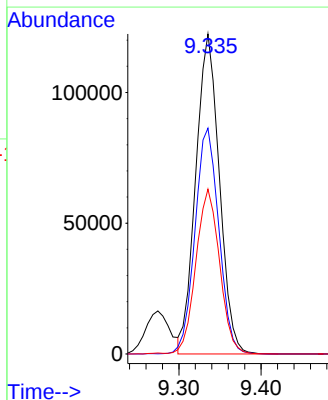
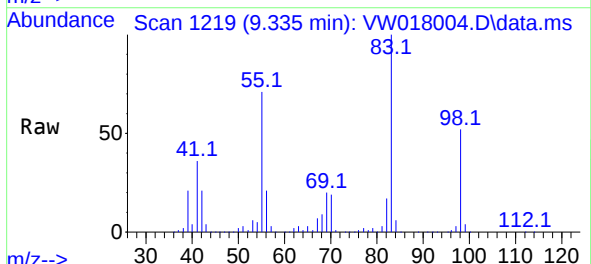
Instrument :  
MSVOA\_W  
ClientSampled :

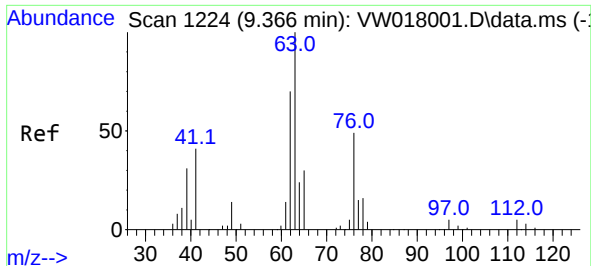
Tgt Ion: 95 Resp: 141370  
Ion Ratio Lower Upper  
95 100  
97 64.0 45.0 83.6  
132 102.2 71.0 131.8  
130 103.9 75.6 140.4



#36  
Methylcyclohexane  
Concen: 26.75 ug/L  
RT: 9.335 min Scan# 1219  
Delta R.T. 0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

Tgt Ion: 83 Resp: 244155  
Ion Ratio Lower Upper  
83 100  
55 71.3 59.4 89.0  
98 51.8 40.7 61.1

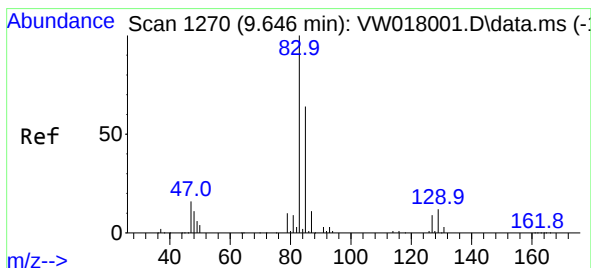
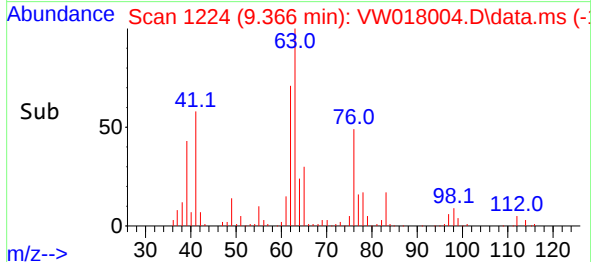
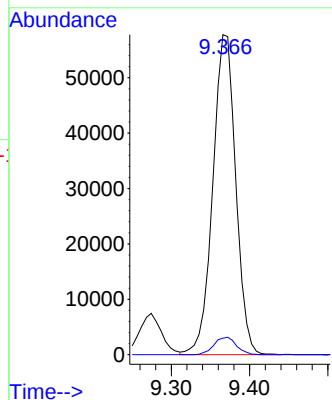
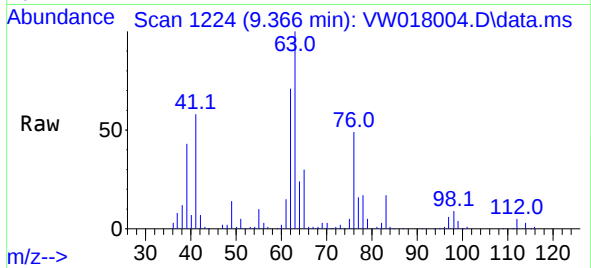




#40  
1,2-Dichloropropane  
Concen: 26.59 ug/L  
RT: 9.366 min Scan# 1224  
Delta R.T. -0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

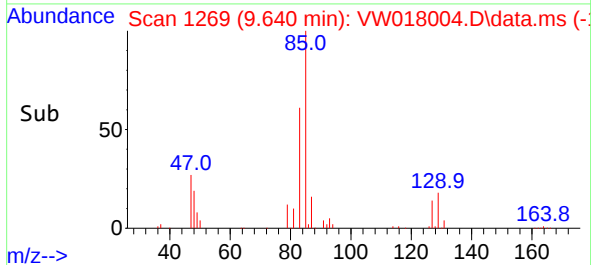
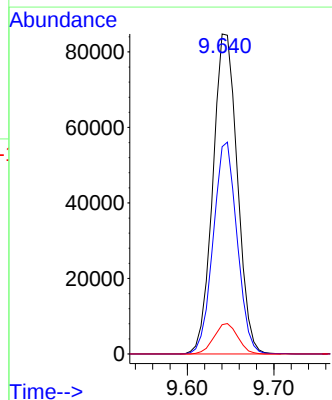
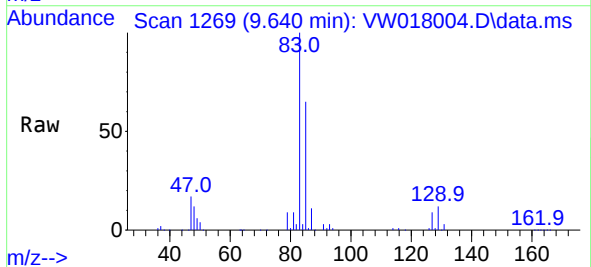
Instrument :  
MSVOA\_W  
ClientSampled :

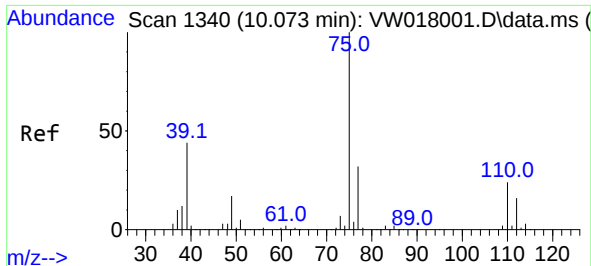
Tgt Ion: 63 Resp: 117538  
Ion Ratio Lower Upper  
63 100  
112 5.3 4.2 6.4



#41  
Bromodichloromethane  
Concen: 26.33 ug/L  
RT: 9.640 min Scan# 1269  
Delta R.T. -0.006 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

Tgt Ion: 83 Resp: 166688  
Ion Ratio Lower Upper  
83 100  
85 64.7 46.8 86.8  
127 9.2 7.6 11.4

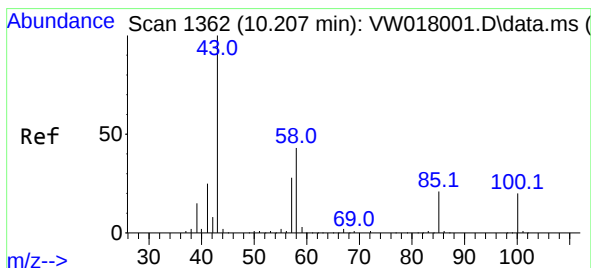
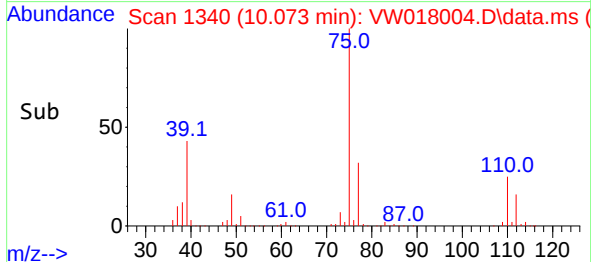
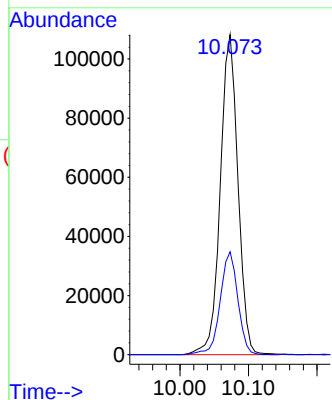
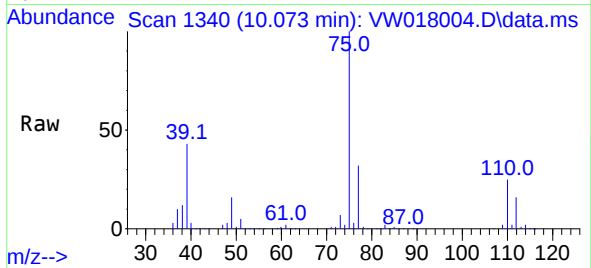




#42  
cis-1,3-Dichloropropene  
Concen: 27.15 ug/L  
RT: 10.073 min Scan# 1340  
Delta R.T. 0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

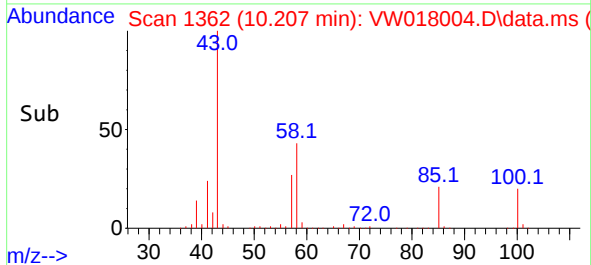
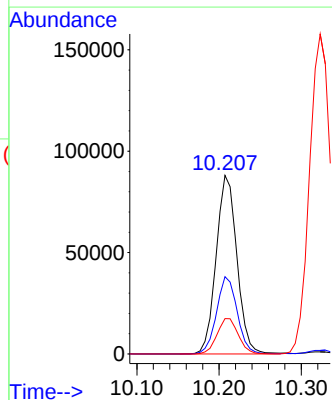
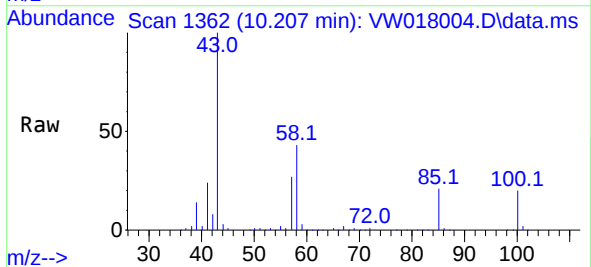
Instrument :  
MSVOA\_W  
ClientSampled :

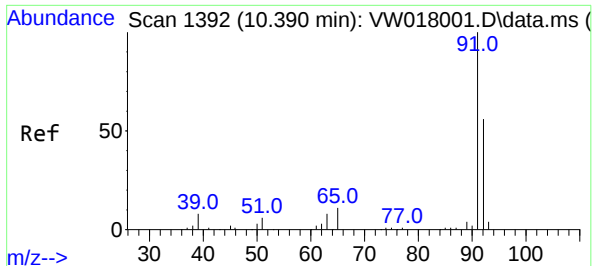
Tgt Ion: 75 Resp: 193423  
Ion Ratio Lower Upper  
75 100  
77 32.2 22.7 42.3



#43  
4-Methyl-2-pentanone  
Concen: 56.38 ug/L  
RT: 10.207 min Scan# 1362  
Delta R.T. 0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

Tgt Ion: 43 Resp: 154984  
Ion Ratio Lower Upper  
43 100  
58 43.0 31.6 47.4  
100 20.3 14.1 21.1

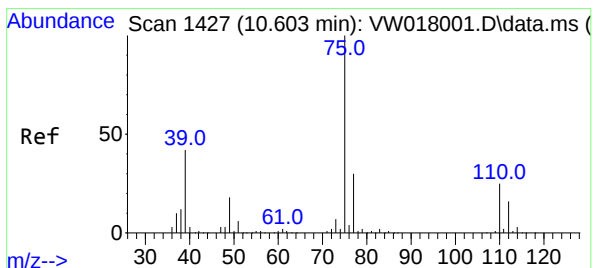
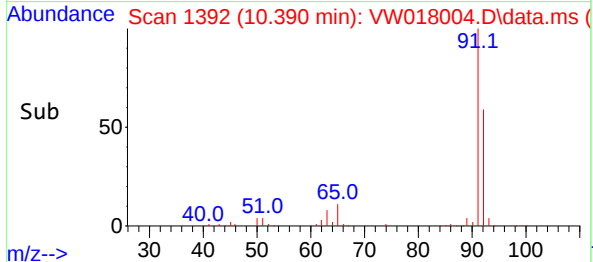
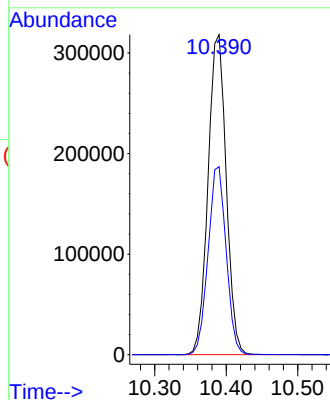
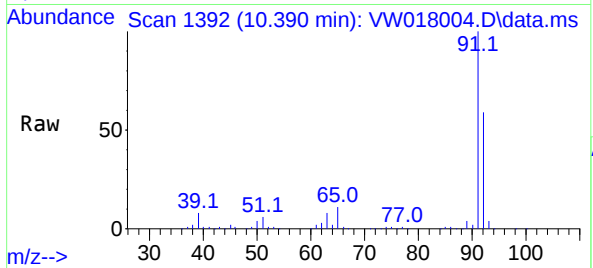




#44  
Toluene  
Concen: 26.46 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

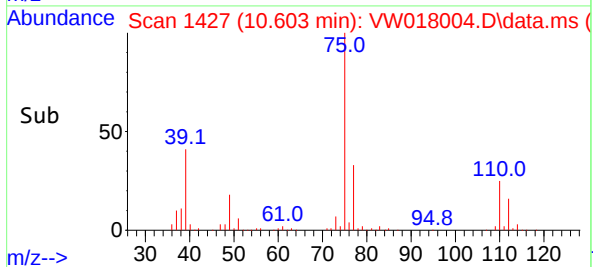
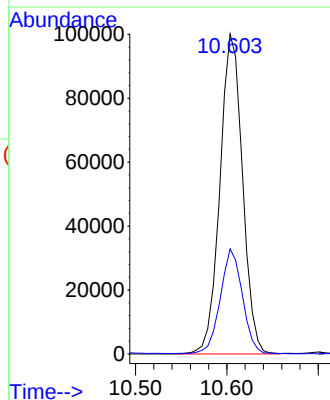
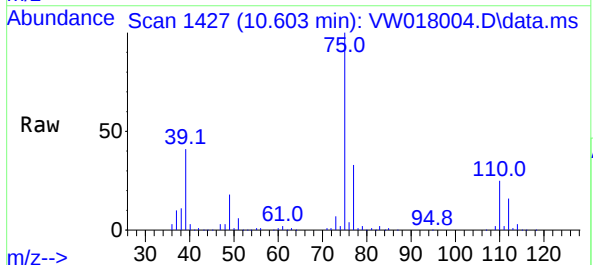
Instrument :  
MSVOA\_W  
ClientSampled :

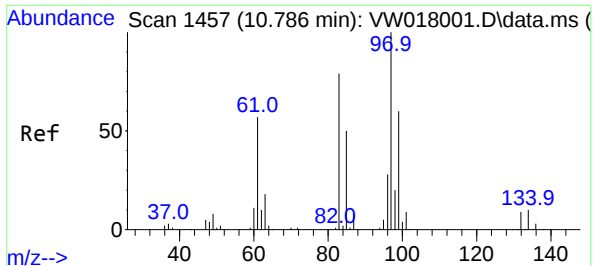
Tgt Ion: 91 Resp: 561044  
Ion Ratio Lower Upper  
91 100  
92 58.7 41.6 77.3



#45  
trans-1,3-Dichloropropene  
Concen: 27.72 ug/L  
RT: 10.603 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

Tgt Ion: 75 Resp: 171908  
Ion Ratio Lower Upper  
75 100  
77 32.9 22.6 42.0



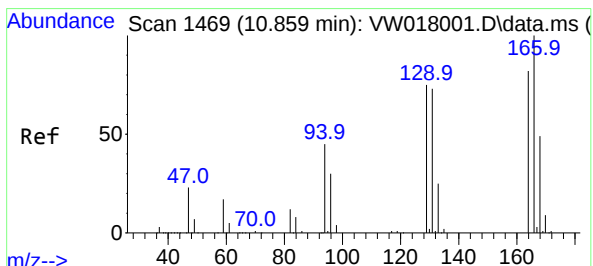
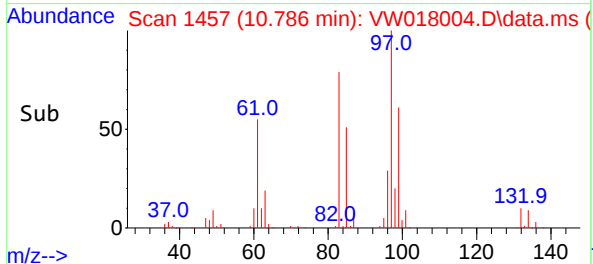
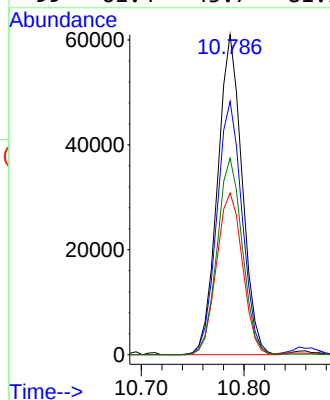
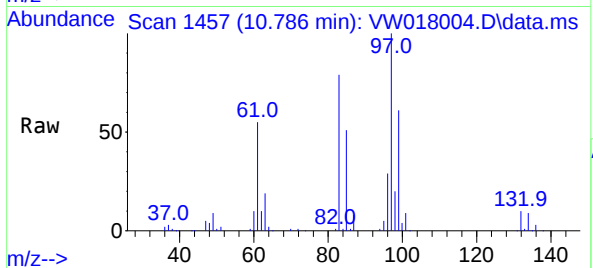


#46  
1,1,2-Trichloroethane  
Concen: 26.86 ug/L  
RT: 10.786 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion: 97 Resp: 101331

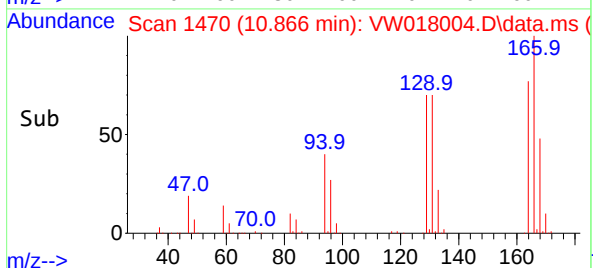
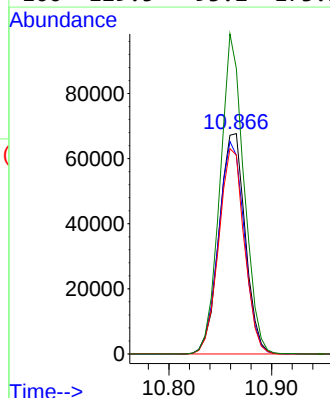
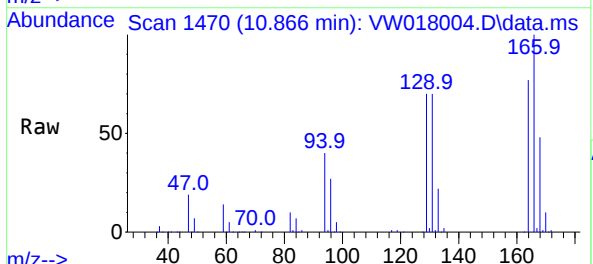
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 79.1  | 58.5  | 108.7 |
| 85  | 50.6  | 37.8  | 70.2  |
| 99  | 61.4  | 43.7  | 81.1  |

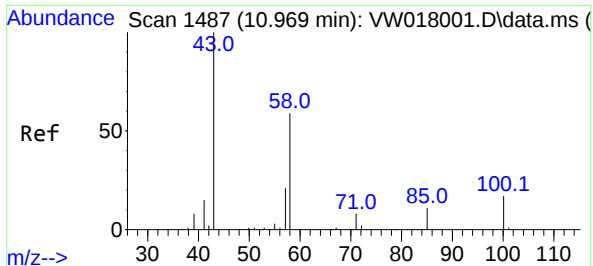


#47  
Tetrachloroethene  
Concen: 25.79 ug/L  
RT: 10.866 min Scan# 1470  
Delta R.T. 0.007 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

Tgt Ion: 164 Resp: 119199

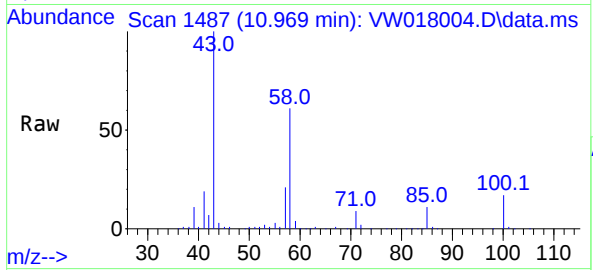
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 90.1  | 67.6  | 125.6 |
| 131 | 90.3  | 65.2  | 121.2 |
| 166 | 129.5 | 93.2  | 173.2 |



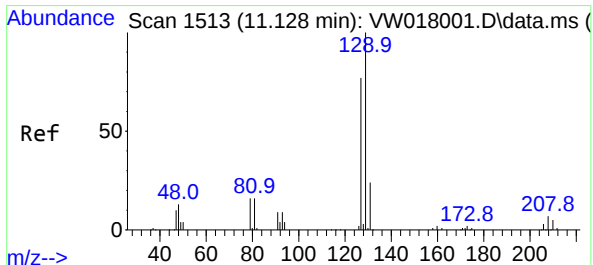
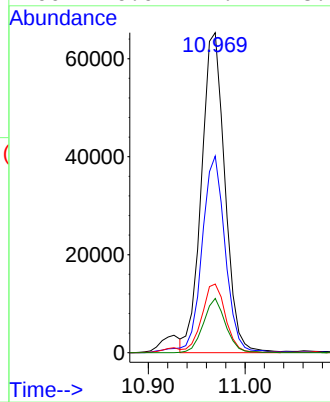
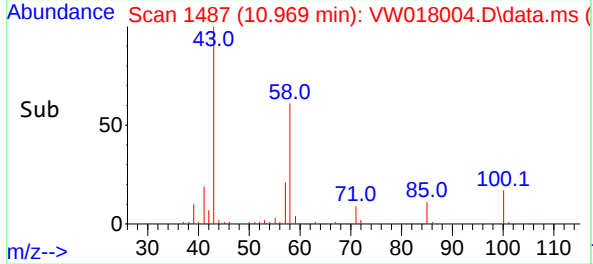


#49  
2-Hexanone  
Concen: 57.77 ug/L  
RT: 10.969 min Scan# 1487  
Delta R.T. 0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

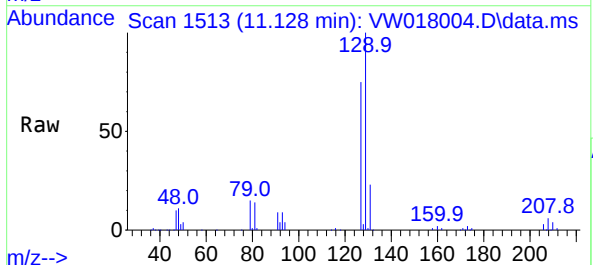
Instrument :  
MSVOA\_W  
ClientSampled :



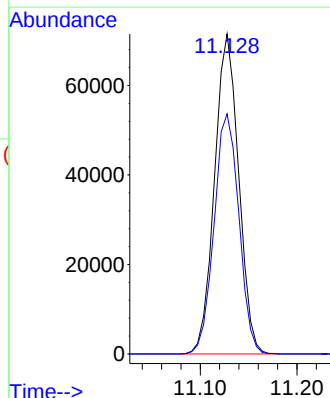
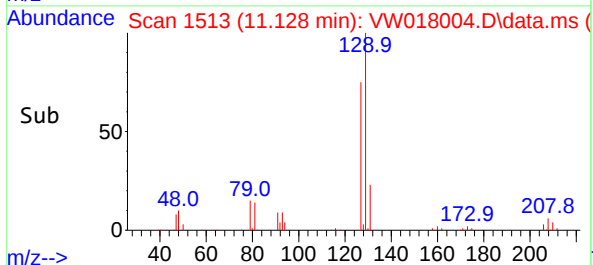
Tgt Ion: 43 Resp: 110350  
Ion Ratio Lower Upper  
43 100  
58 61.5 51.3 76.9  
57 21.6 15.0 22.6  
100 16.0 12.2 18.2

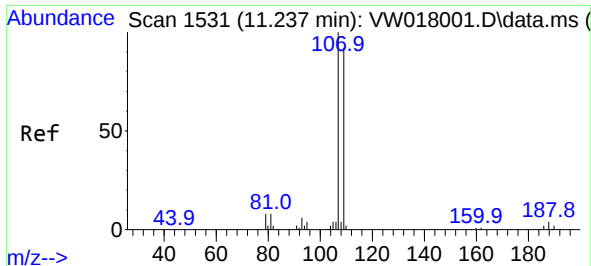


#50  
Dibromochloromethane  
Concen: 27.40 ug/L  
RT: 11.128 min Scan# 1513  
Delta R.T. -0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32



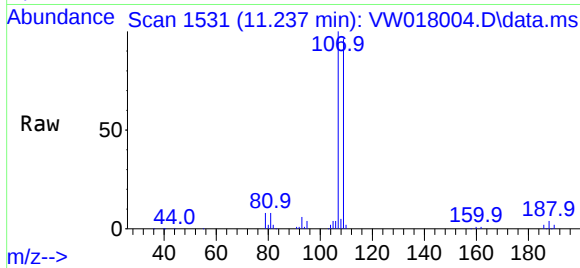
Tgt Ion: 129 Resp: 123861  
Ion Ratio Lower Upper  
129 100  
127 75.0 53.2 98.8



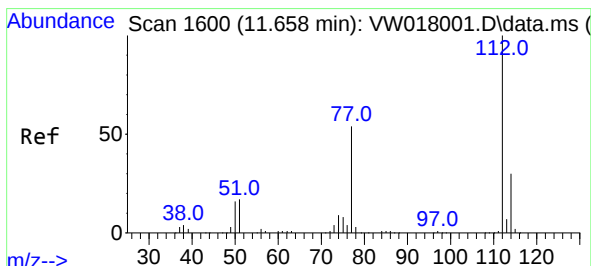
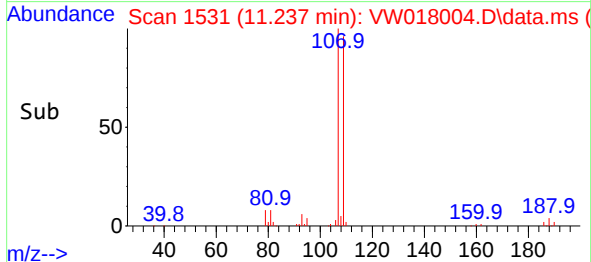
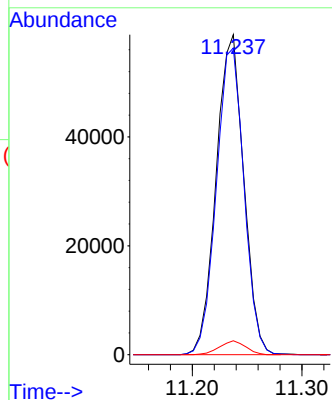


#51  
1,2-Dibromoethane  
Concen: 27.28 ug/L  
RT: 11.237 min Scan# 1531  
Delta R.T. 0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

Instrument :  
MSVOA\_W  
ClientSampled :

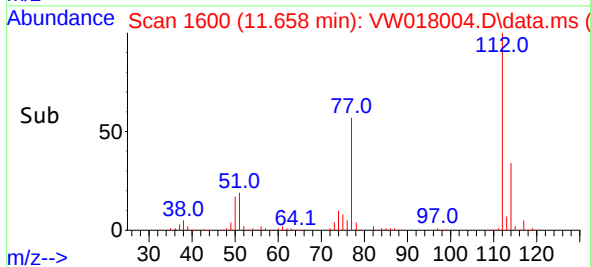
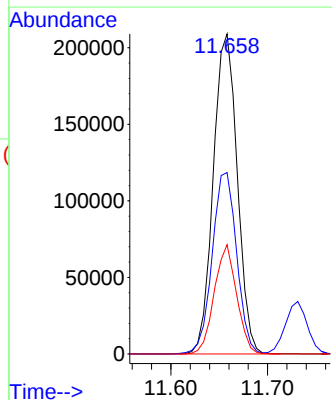
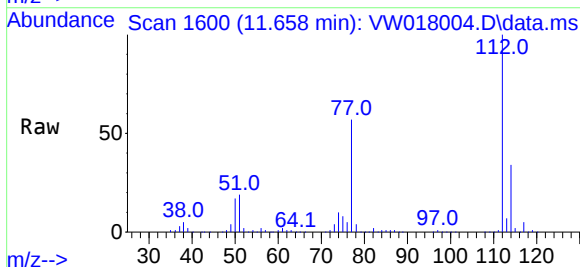


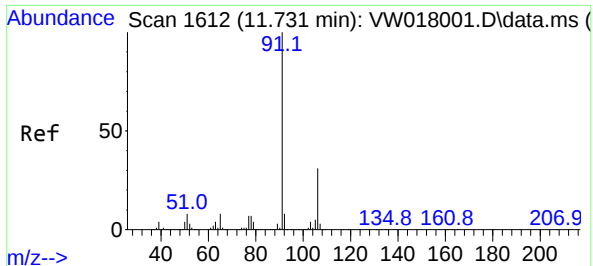
Tgt Ion:107 Resp: 102690  
Ion Ratio Lower Upper  
107 100  
109 95.9 66.4 123.2  
188 4.4 4.0 6.0



#52  
Chlorobenzene  
Concen: 25.75 ug/L  
RT: 11.658 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

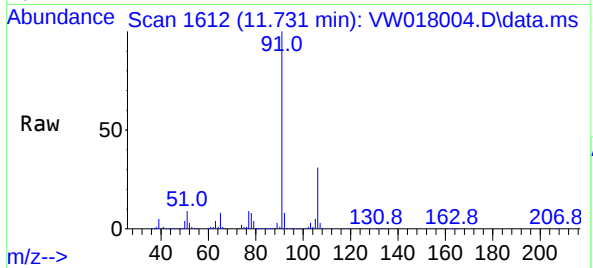
Tgt Ion:112 Resp: 359673  
Ion Ratio Lower Upper  
112 100  
77 56.7 42.6 64.0  
114 34.2 21.6 40.2



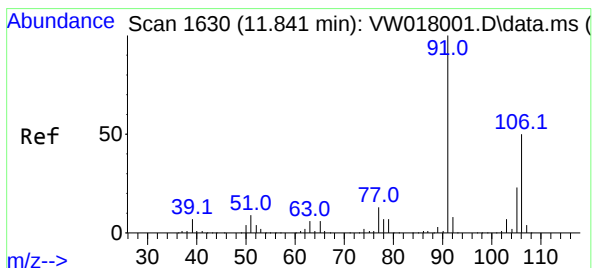
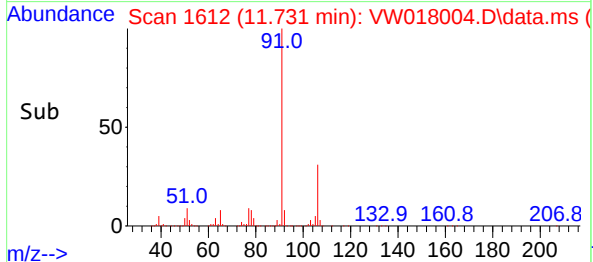
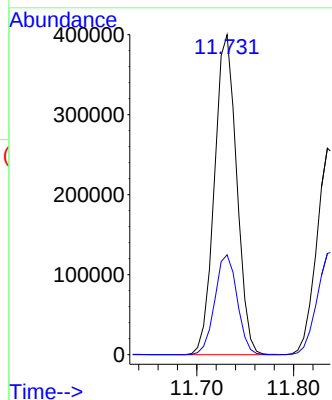


#53  
Ethylbenzene  
Concen: 26.44 ug/L  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

Instrument :  
MSVOA\_W  
ClientSampled :

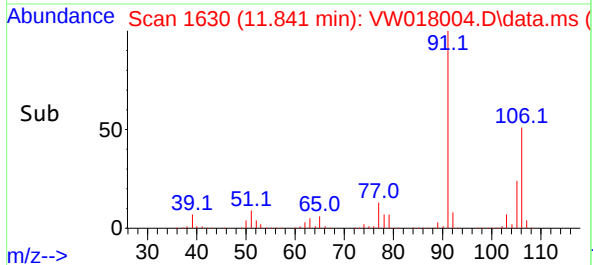
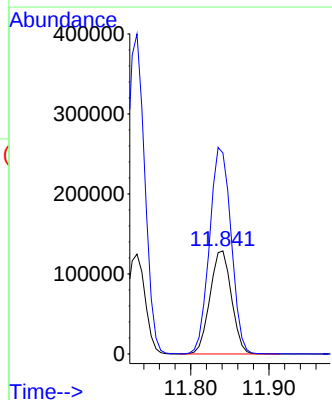
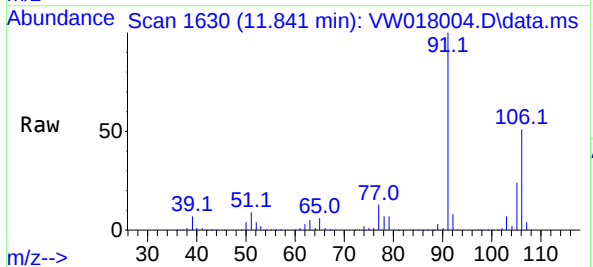


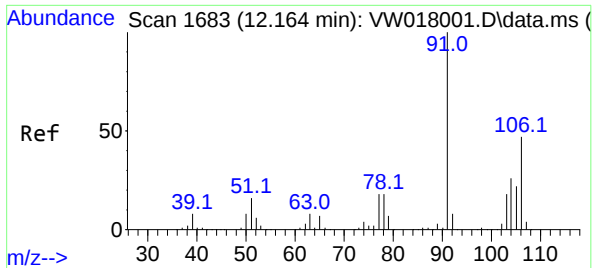
Tgt Ion: 91 Resp: 637067  
Ion Ratio Lower Upper  
91 100  
106 31.2 21.1 39.1



#54  
m,p-Xylene  
Concen: 26.70 ug/L  
RT: 11.841 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

Tgt Ion:106 Resp: 245283  
Ion Ratio Lower Upper  
106 100  
91 195.1 136.4 253.4

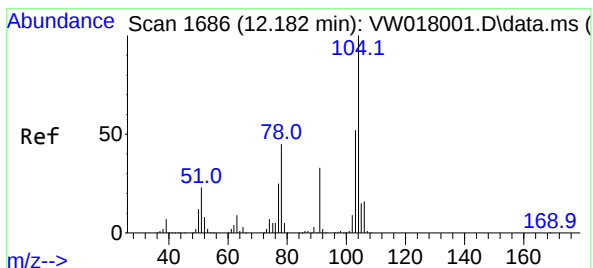
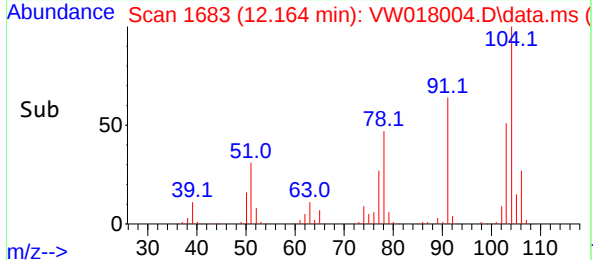
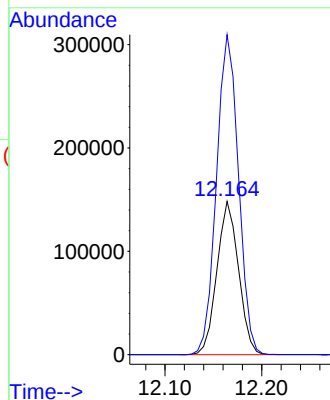
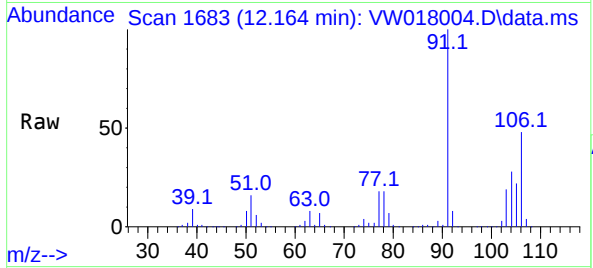




#55  
o-xylene  
Concen: 26.38 ug/L  
RT: 12.164 min Scan# 1683  
Delta R.T. 0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

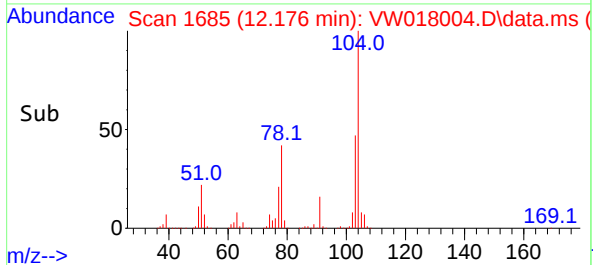
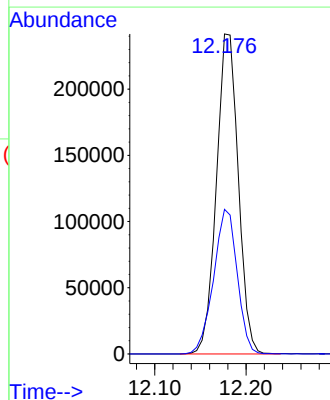
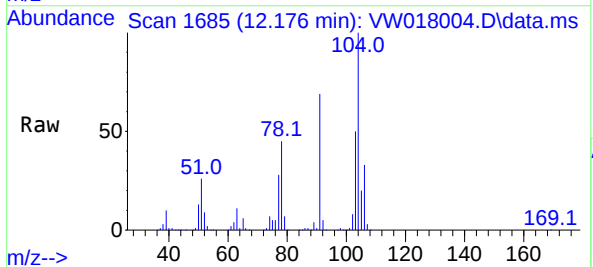
Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion:106 Resp: 229925  
Ion Ratio Lower Upper  
106 100  
91 208.7 147.6 274.2

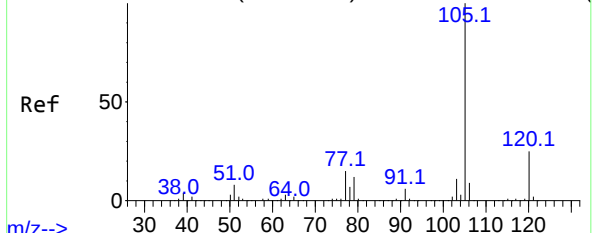


#56  
Styrene  
Concen: 27.14 ug/L  
RT: 12.176 min Scan# 1685  
Delta R.T. -0.006 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

Tgt Ion:104 Resp: 402242  
Ion Ratio Lower Upper  
104 100  
78 45.2 31.3 58.1

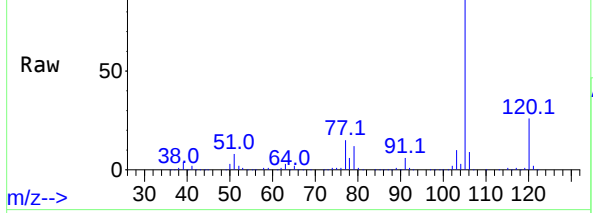


Abundance Scan 1732 (12.463 min): VW018001.D\data.ms (



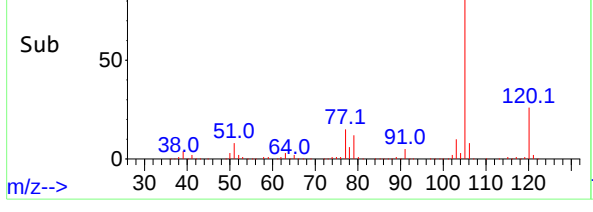
m/z-->

Abundance Scan 1732 (12.463 min): VW018004.D\data.ms



m/z-->

Abundance Scan 1732 (12.463 min): VW018004.D\data.ms (

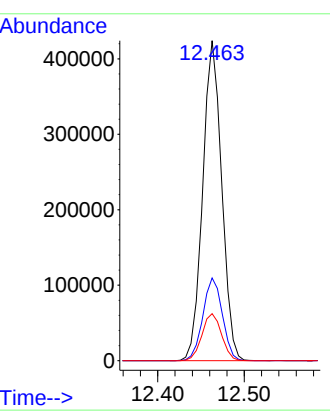


m/z-->

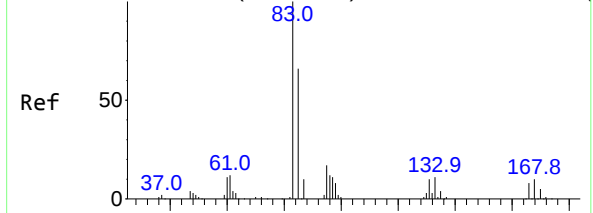
#57

Isopropylbenzene  
Concen: 26.61 ug/L  
RT: 12.463 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 645790 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 26.5  | 21.4  | 32.2   |
| 77        | 15.2  | 12.1  | 18.1   |

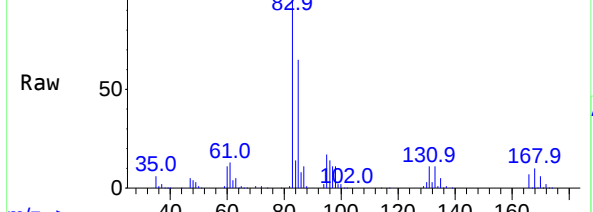


Abundance Scan 1773 (12.713 min): VW018001.D\data.ms (



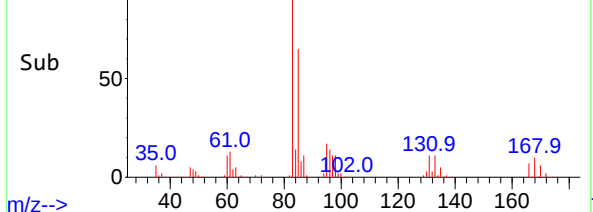
m/z-->

Abundance Scan 1773 (12.713 min): VW018004.D\data.ms



m/z-->

Abundance Scan 1773 (12.713 min): VW018004.D\data.ms (

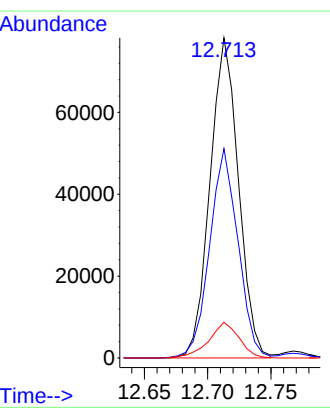


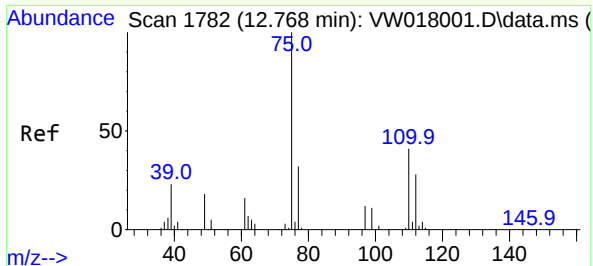
m/z-->

#58

1,1,2,2-Tetrachloroethane  
Concen: 27.43 ug/L  
RT: 12.713 min Scan# 1773  
Delta R.T. -0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 122423 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 65.4  | 45.3  | 84.1   |
| 131       | 11.2  | 8.3   | 12.5   |

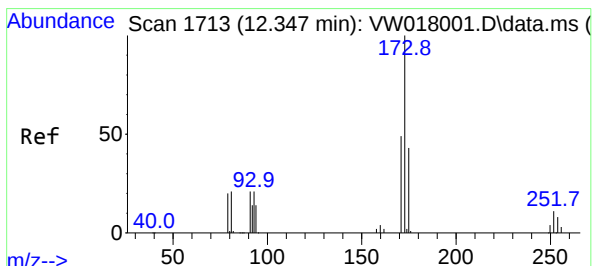
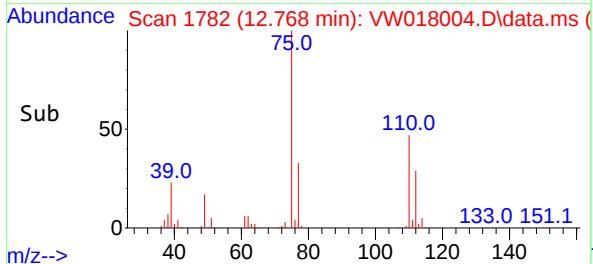
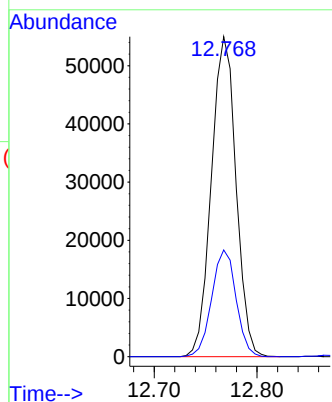
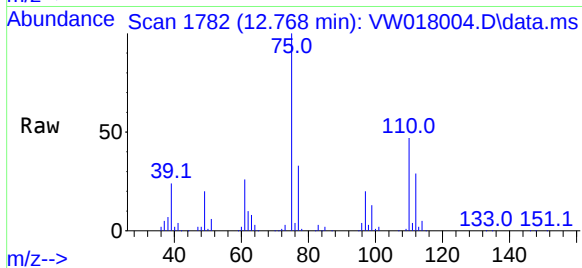




#59  
1,2,3-Trichloropropane  
Concen: 27.03 ug/L  
RT: 12.768 min Scan# 1782  
Delta R.T. -0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

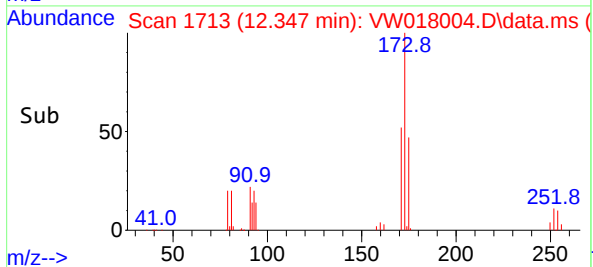
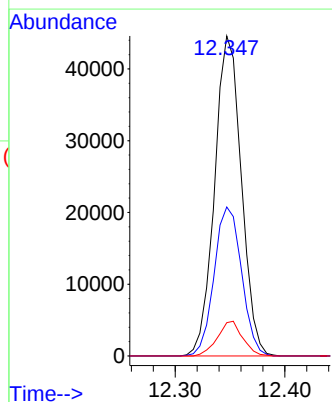
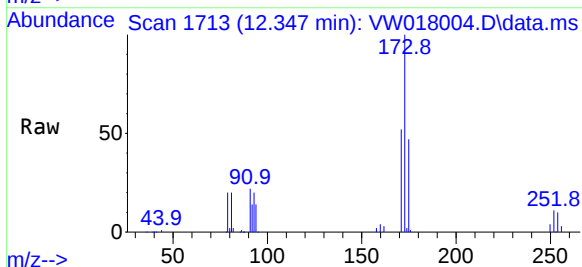
Instrument :  
MSVOA\_W  
ClientSampled :

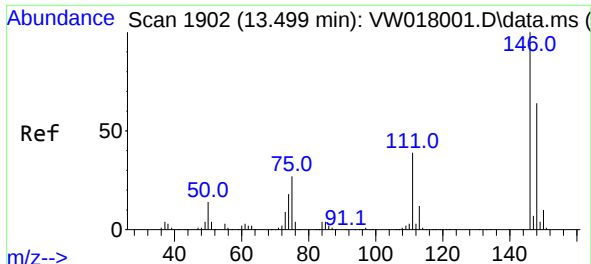
Tgt Ion: 75 Resp: 91424  
Ion Ratio Lower Upper  
75 100  
77 32.9 26.6 39.8



#62  
Bromoform  
Concen: 27.59 ug/L  
RT: 12.347 min Scan# 1713  
Delta R.T. 0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

Tgt Ion:173 Resp: 75630  
Ion Ratio Lower Upper  
173 100  
175 47.7 39.1 58.7  
254 10.2 7.1 10.7

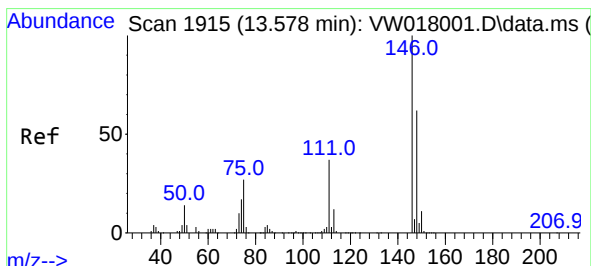
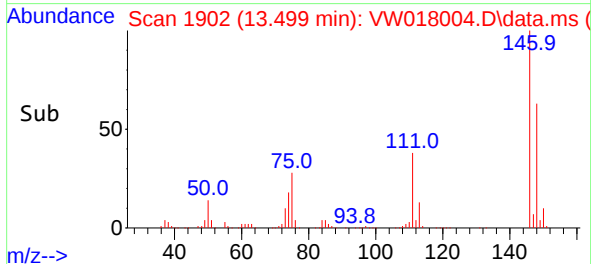
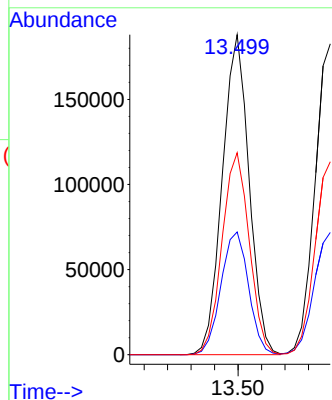
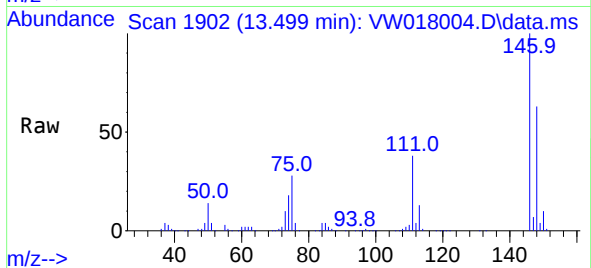




#63  
1,3-Dichlorobenzene  
Concen: 26.28 ug/L  
RT: 13.499 min Scan# 1902  
Delta R.T. 0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

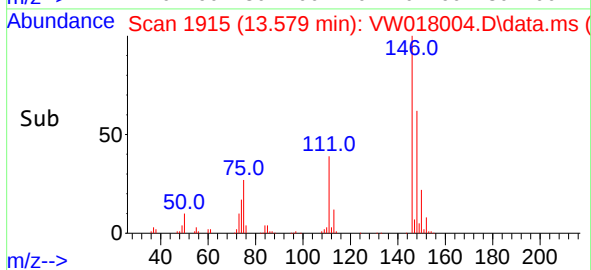
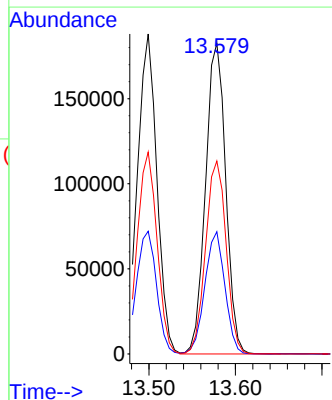
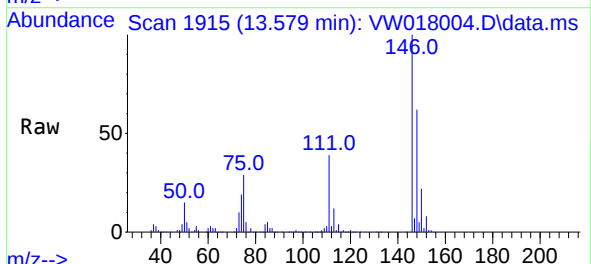
Instrument :  
MSVOA\_W  
ClientSampled :

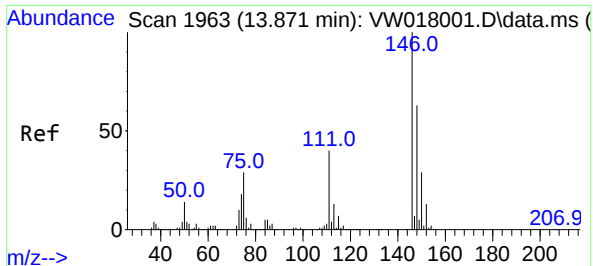
Tgt Ion:146 Resp: 297900  
Ion Ratio Lower Upper  
146 100  
111 38.3 28.5 52.9  
148 63.1 47.8 88.8



#64  
1,4-Dichlorobenzene  
Concen: 25.94 ug/L  
RT: 13.579 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

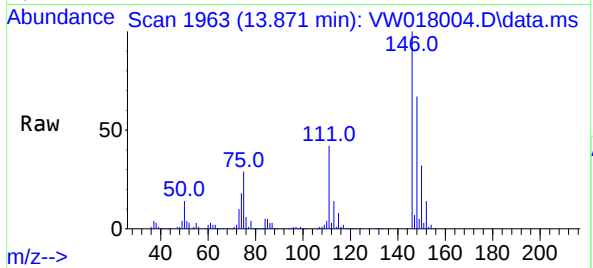
Tgt Ion:146 Resp: 295787  
Ion Ratio Lower Upper  
146 100  
111 39.3 27.7 51.5  
148 62.1 47.0 87.2



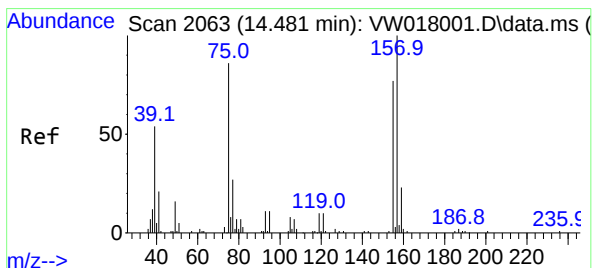
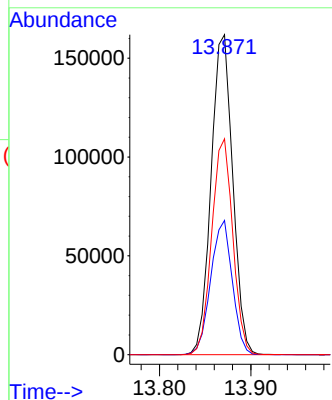
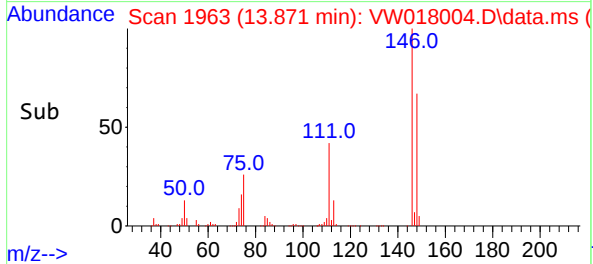


#65  
1,2-Dichlorobenzene  
Concen: 26.05 ug/L  
RT: 13.871 min Scan# 1963  
Delta R.T. 0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

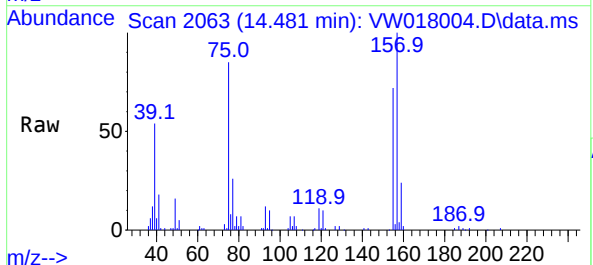
Instrument :  
MSVOA\_W  
ClientSampled :



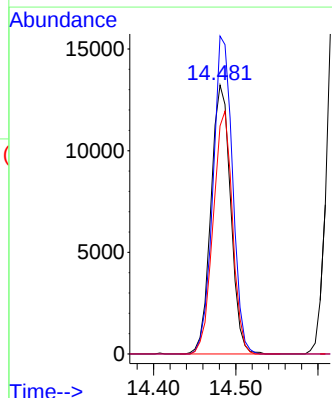
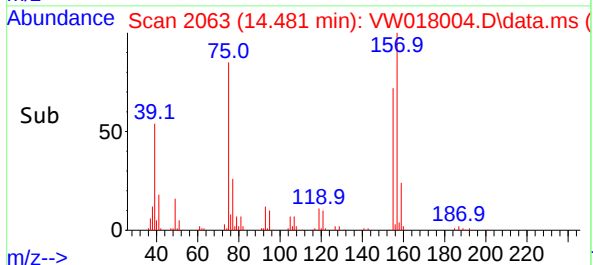
Tgt Ion:146 Resp: 266292  
Ion Ratio Lower Upper  
146 100  
111 42.0 31.7 47.5  
148 67.5 49.3 73.9

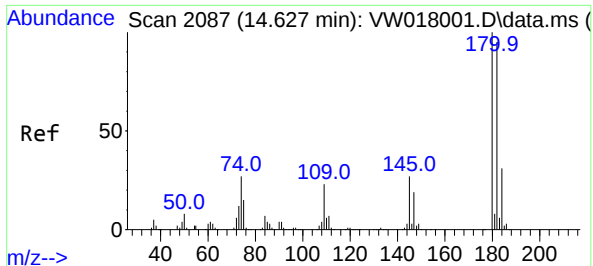


#66  
1,2-Dibromo-3-chloropropane  
Concen: 28.47 ug/L  
RT: 14.481 min Scan# 2063  
Delta R.T. 0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32



Tgt Ion: 75 Resp: 22043  
Ion Ratio Lower Upper  
75 100  
157 118.3 99.9 149.9  
155 84.8 71.4 107.0



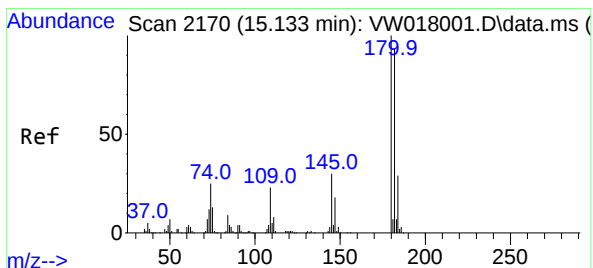
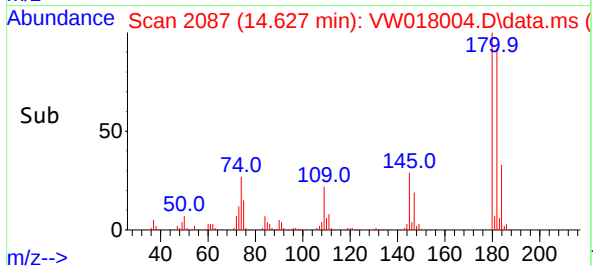
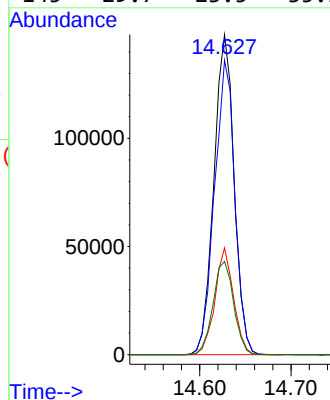
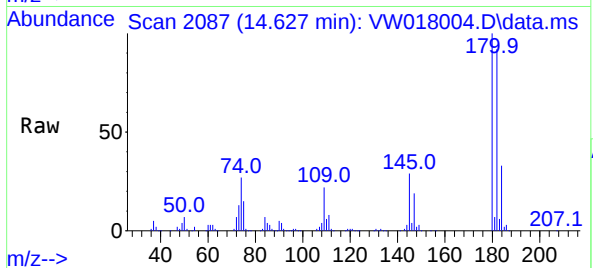


#67  
1,3,5-Trichlorobenzene  
Concen: 26.12 ug/L  
RT: 14.627 min Scan# 2087  
Delta R.T. 0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion:180 Resp: 227472

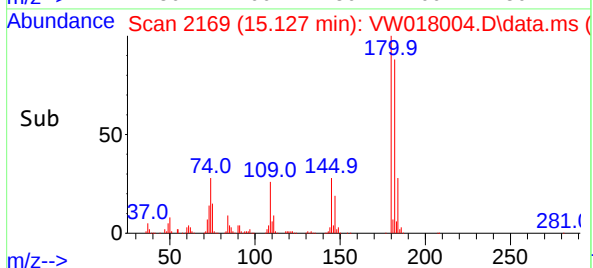
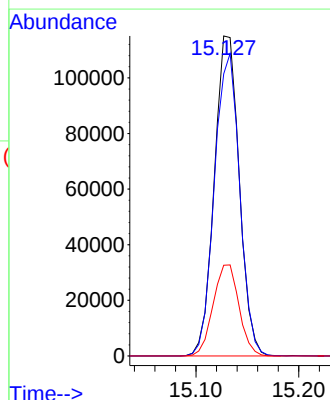
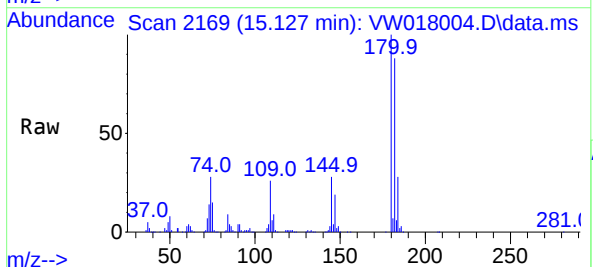
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 92.6  | 77.0  | 115.6 |
| 184 | 30.7  | 24.2  | 36.4  |
| 145 | 29.7  | 23.5  | 35.3  |

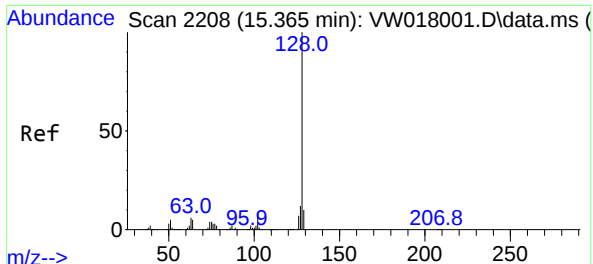


#68  
1,2,4-trichlorobenzene  
Concen: 26.70 ug/L  
RT: 15.127 min Scan# 2169  
Delta R.T. -0.006 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

Tgt Ion:180 Resp: 193885

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 95.4  | 71.3  | 106.9 |
| 145 | 29.4  | 24.0  | 36.0  |

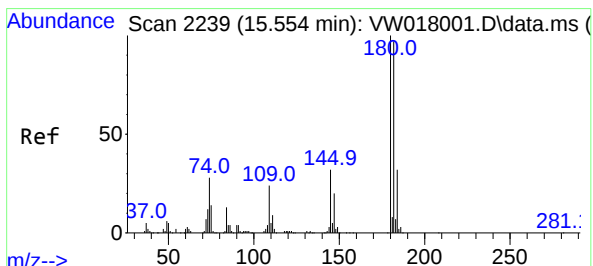
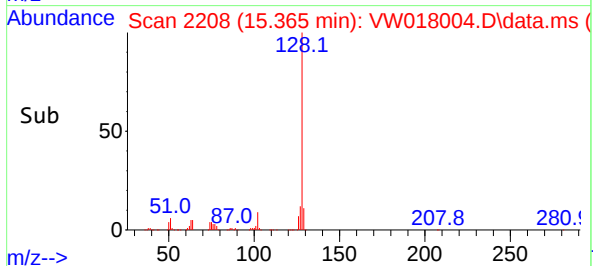
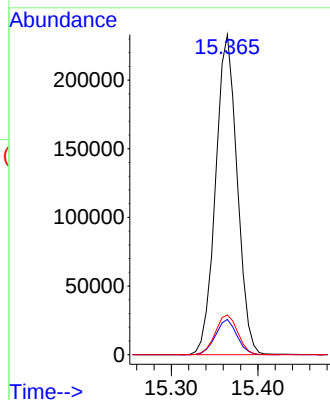
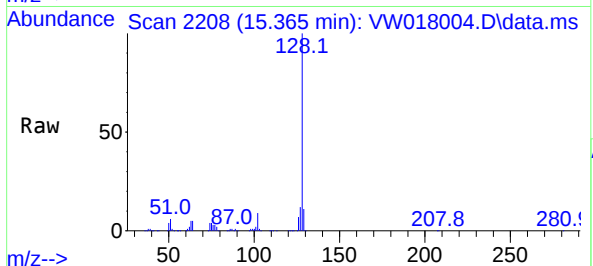




#69  
Naphthalene  
Concen: 28.57 ug/L  
RT: 15.365 min Scan# 2208  
Delta R.T. 0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion:128 Resp: 403548  
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: 26.78 ug/L  
RT: 15.554 min Scan# 2239  
Delta R.T. 0.000 min  
Lab File: VW018004.D  
Acq: 29 Jan 2021 16:32

Tgt Ion:180 Resp: 173332  
Ion Ratio Lower Upper  
180 100  
182 96.5 74.7 112.1  
145 32.4 25.4 38.0

