

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062921\  
 Data File : VW019358.D  
 Acq On : 29 Jun 2021 13:45  
 Operator : SY/VA  
 Sample : M2877-04  
 Misc : 6.04G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jun 30 01:22:04 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM062821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jun 30 01:19:19 2021  
 Response via : Initial Calibration

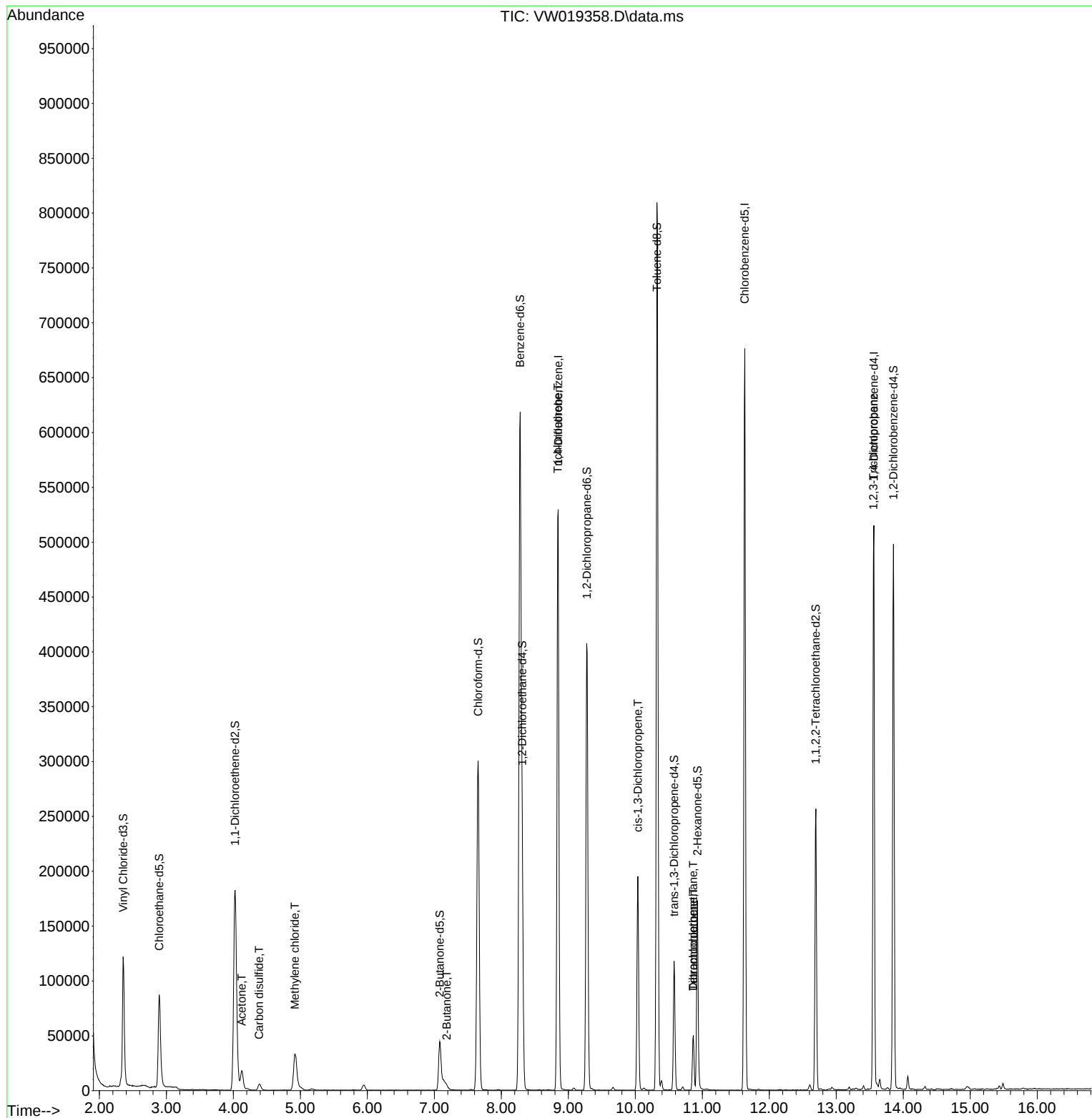
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114            | 439257   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117            | 376701   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152            | 133032   | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65             | 137814   | 23.897 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 95.600%  |          |
| 7) Chloroethane-d5            | 2.892  | 69             | 116988   | 26.095 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 104.360% |          |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63             | 210376   | 17.852 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 110 | Recovery | =      | 71.400%  |          |
| 21) 2-Butanone-d5             | 7.080  | 46             | 75585    | 52.771 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 105.540% |          |
| 24) Chloroform-d              | 7.653  | 84             | 315722   | 26.020 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 40 - 150 | Recovery | =      | 104.080% |          |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65             | 167225   | 26.836 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 130 | Recovery | =      | 107.360% |          |
| 32) Benzene-d6                | 8.281  | 84             | 652890   | 28.280 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 20 - 135 | Recovery | =      | 113.120% |          |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67             | 203411   | 28.906 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 120 | Recovery | =      | 115.640% |          |
| 41) Toluene-d8                | 10.323 | 98             | 536709   | 25.667 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 130 | Recovery | =      | 102.680% |          |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79             | 66380    | 23.957 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 135 | Recovery | =      | 95.840%  |          |
| 47) 2-Hexanone-d5             | 10.927 | 63             | 58695    | 53.371 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 106.740% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84             | 132086   | 25.444 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 120 | Recovery | =      | 101.760% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152            | 131891   | 27.102 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 75 - 120 | Recovery | =      | 108.400% |          |
| Target Compounds              |        |                |          |        |          |          |
| 13) Acetone                   | 4.123  | 43             | 29351    | 32.852 | ug/L     | 88       |
| 14) Carbon disulfide          | 4.385  | 76             | 13074    | 0.703  | ug/L #   | 94       |
| 16) Methylene chloride        | 4.916  | 84             | 29918    | 3.896  | ug/L     | 94       |
| 22) 2-Butanone                | 7.183  | 43             | 7153     | 4.694  | ug/L     | 99       |
| 34) Trichloroethene           | 8.842  | 95             | 13265    | 2.121  | ug/L #   | 5        |
| 39) cis-1,3-Dichloropropene   | 10.037 | 75             | 4397     | 0.490  | ug/L #   | 53       |
| 46) Tetrachloroethene         | 10.866 | 164            | 11400    | 2.360  | ug/L     | 93       |
| 49) Dibromochloromethane      | 10.866 | 129            | 10840    | 2.294  | ug/L #   | 13       |
| 61) 1,2,3-Trichloropropane    | 13.554 | 75             | 16812    | 6.353  | ug/L #   | 65       |

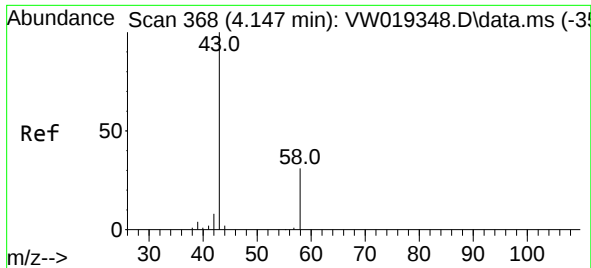
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_W  
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Quant Time: Jun 30 01:22:04 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM062821SMA.M  
Quant Title : SFAM01.0  
QLast Update : Wed Jun 30 01:19:19 2021  
Response via : Initial Calibration

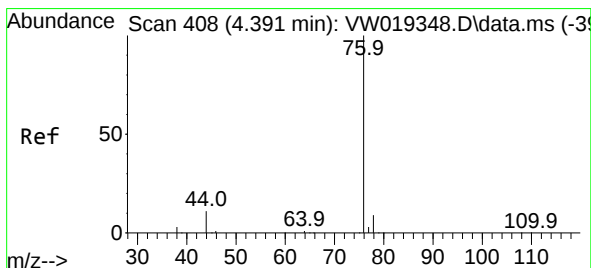
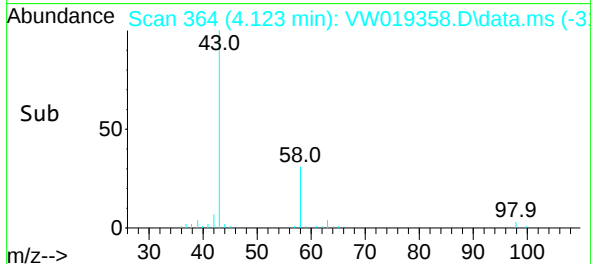
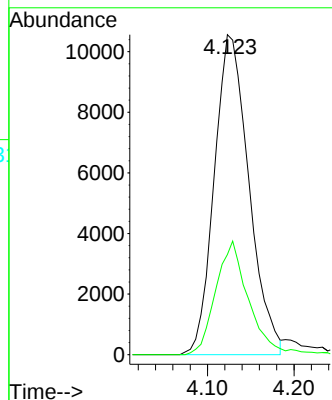
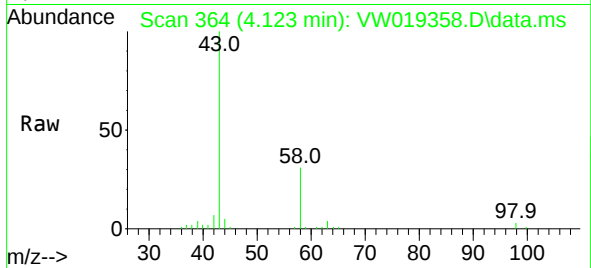




#13  
Acetone  
Concen: 32.852 ug/L  
RT: 4.123 min Scan# 364  
Delta R.T. -0.024 min  
Lab File: VW019358.D  
Acq: 29 Jun 2021 13:45

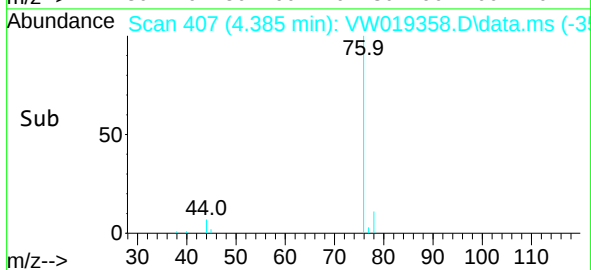
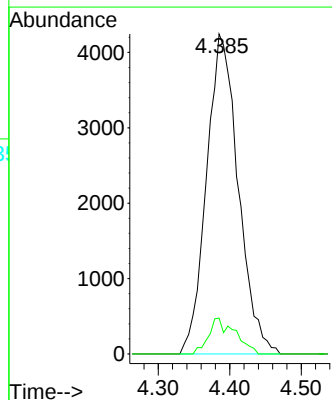
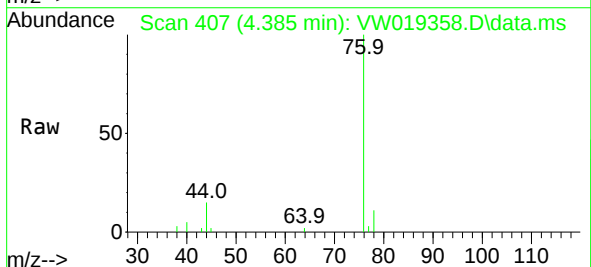
Instrument :  
MSVOA\_W  
ClientSampled :

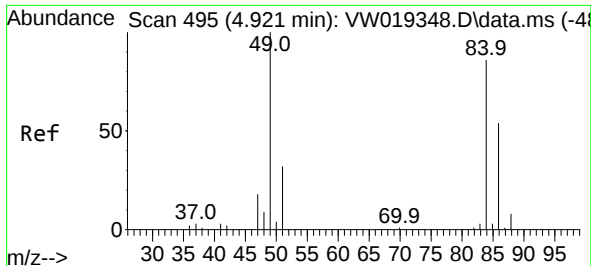
Tgt Ion: 43 Resp: 29351  
Ion Ratio Lower Upper  
43 100  
58 33.0 0.0 53.8



#14  
Carbon disulfide  
Concen: 0.703 ug/L  
RT: 4.385 min Scan# 407  
Delta R.T. -0.006 min  
Lab File: VW019358.D  
Acq: 29 Jun 2021 13:45

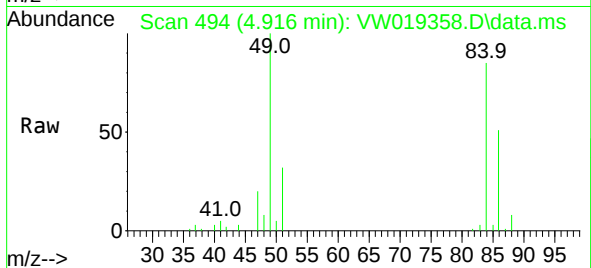
Tgt Ion: 76 Resp: 13074  
Ion Ratio Lower Upper  
76 100  
78 11.2 7.4 11.0#



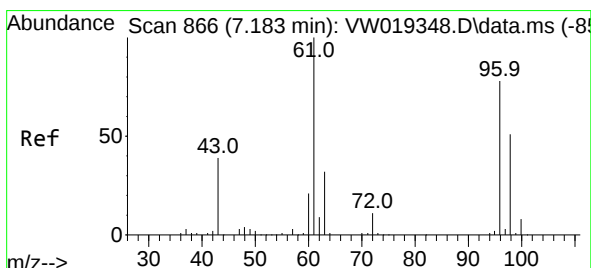
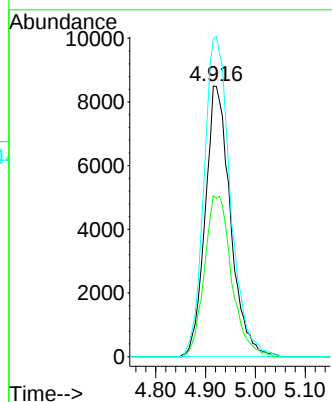
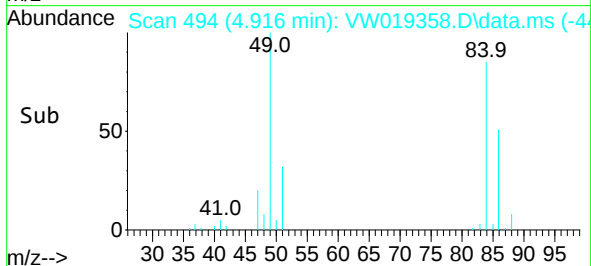


#16  
Methylene chloride  
Concen: 3.896 ug/L  
RT: 4.916 min Scan# 494  
Delta R.T. -0.006 min  
Lab File: VW019358.D  
Acq: 29 Jun 2021 13:45

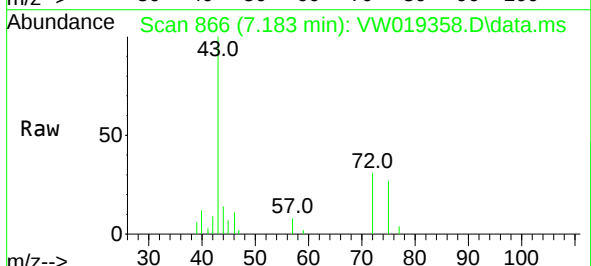
Instrument :  
MSVOA\_W  
ClientSampled :



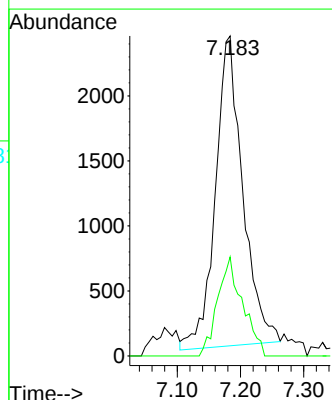
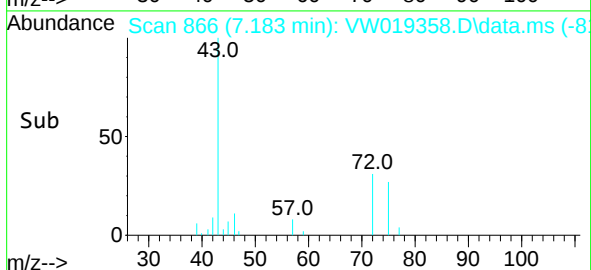
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 29918 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 86       | 59.4  | 45.3  | 84.1  |
| 49       | 117.6 | 86.6  | 160.8 |

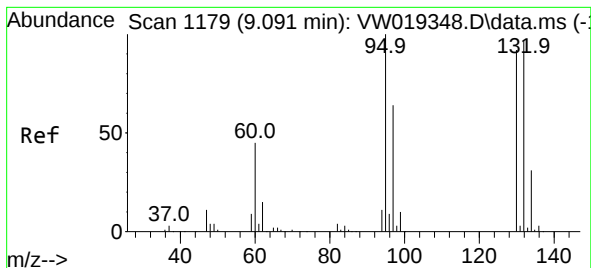


#22  
2-Butanone  
Concen: 4.694 ug/L  
RT: 7.183 min Scan# 866  
Delta R.T. 0.000 min  
Lab File: VW019358.D  
Acq: 29 Jun 2021 13:45



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 7153  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 29.1  | 14.9  | 44.7  |

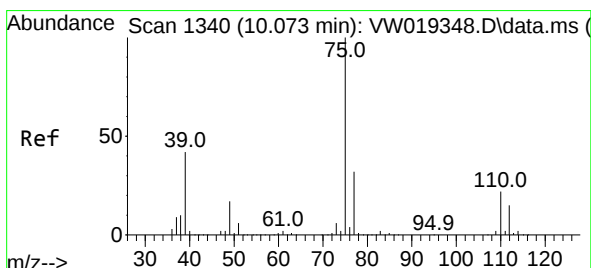
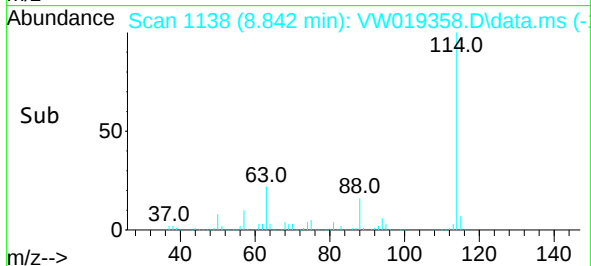
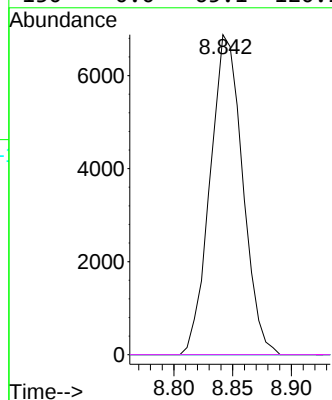
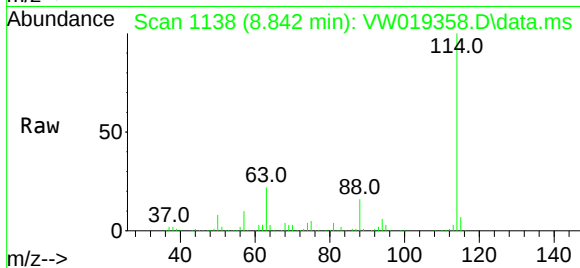




#34  
Trichloroethene  
Concen: 2.121 ug/L  
RT: 8.842 min Scan# 1138  
Delta R.T. -0.250 min  
Lab File: VW019358.D  
Acq: 29 Jun 2021 13:45

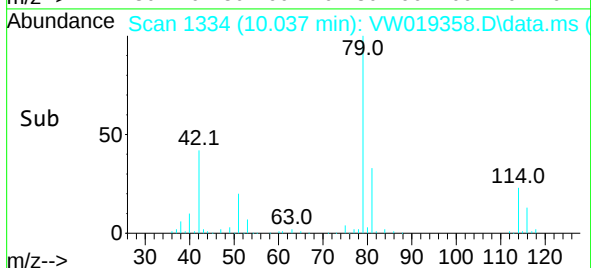
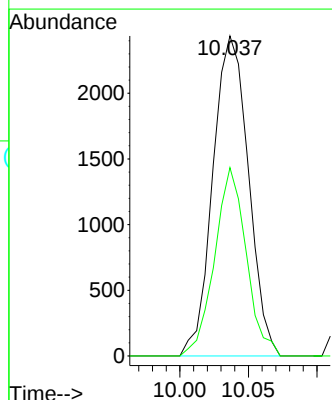
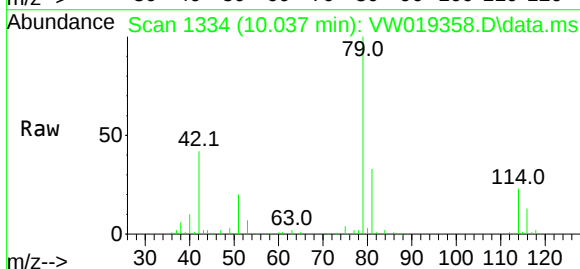
Instrument :  
MSVOA\_W  
ClientSampleId :

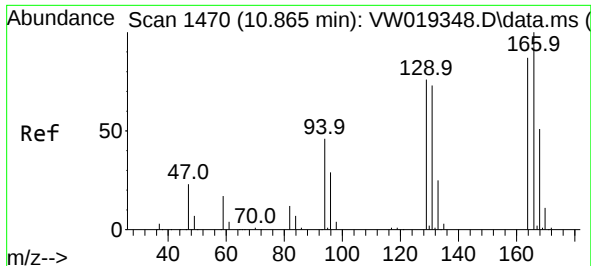
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 13265  |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 97       | 0.0   | 47.3  | 87.8#  |
| 132      | 0.0   | 71.0  | 131.8# |
| 130      | 0.0   | 65.1  | 120.9# |



#39  
cis-1,3-Dichloropropene  
Concen: 0.490 ug/L  
RT: 10.037 min Scan# 1334  
Delta R.T. -0.036 min  
Lab File: VW019358.D  
Acq: 29 Jun 2021 13:45

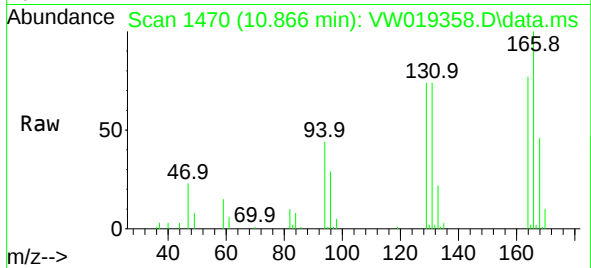
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 4397  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 58.9  | 22.6  | 42.0# |





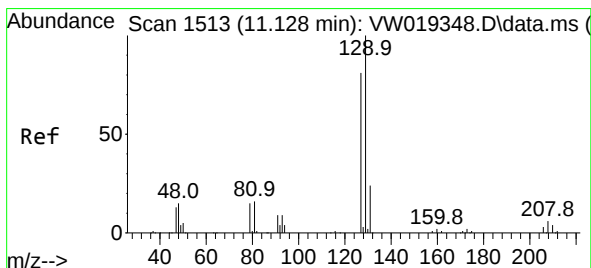
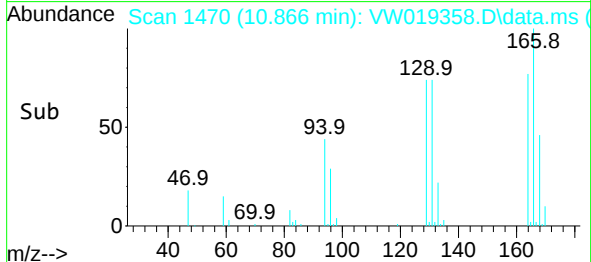
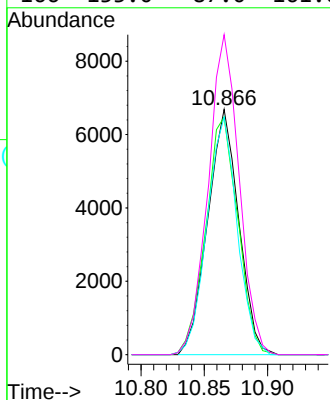
#46  
Tetrachloroethene  
Concen: 2.360 ug/L  
RT: 10.866 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VW019358.D  
Acq: 29 Jun 2021 13:45

Instrument :  
MSVOA\_W  
ClientSampled :



Tgt Ion:164 Resp: 11400

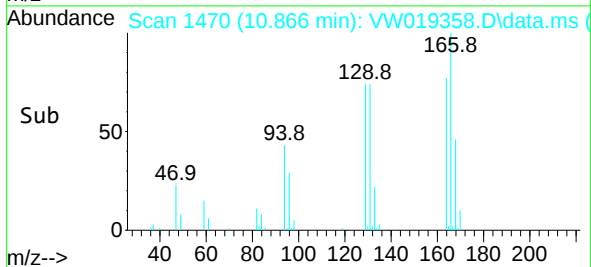
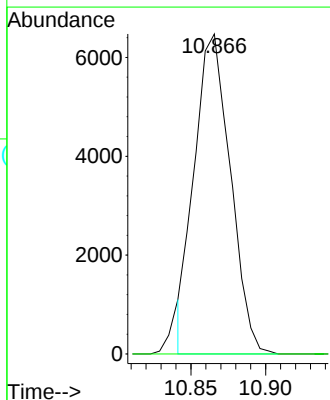
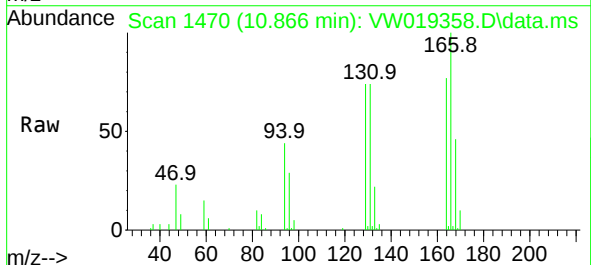
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 96.8  | 66.7  | 123.9 |
| 131 | 96.8  | 61.1  | 113.5 |
| 166 | 133.0 | 87.0  | 161.6 |

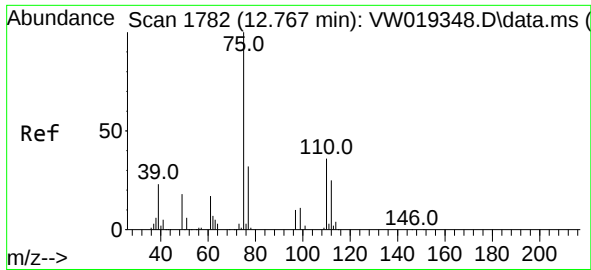


#49  
Dibromochloromethane  
Concen: 2.294 ug/L  
RT: 10.866 min Scan# 1470  
Delta R.T. -0.262 min  
Lab File: VW019358.D  
Acq: 29 Jun 2021 13:45

Tgt Ion:129 Resp: 10840

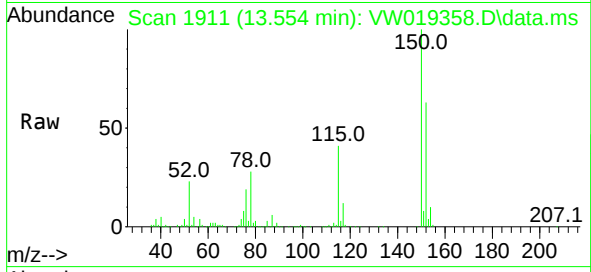
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 129 | 100   |       |       |
| 127 | 0.0   | 51.7  | 95.9# |





#61  
 1,2,3-Trichloropropane  
 Concen: 6.353 ug/L  
 RT: 13.554 min Scan# 1911  
 Delta R.T. 0.787 min  
 Lab File: VW019358.D  
 Acq: 29 Jun 2021 13:45

Instrument :  
 MSVOA\_W  
 ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 16812 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 32.6  | 25.3  | 37.9  |
| 110       | 2.8   | 32.6  | 48.8# |

