

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW050321\  
 Data File : VW018907.D  
 Acq On : 03 May 2021 18:33  
 Operator : SY/VA  
 Sample : M2209-06  
 Misc : 5.81G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: May 04 01:18:48 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM042921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue May 04 01:15:32 2021  
 Response via : Initial Calibration

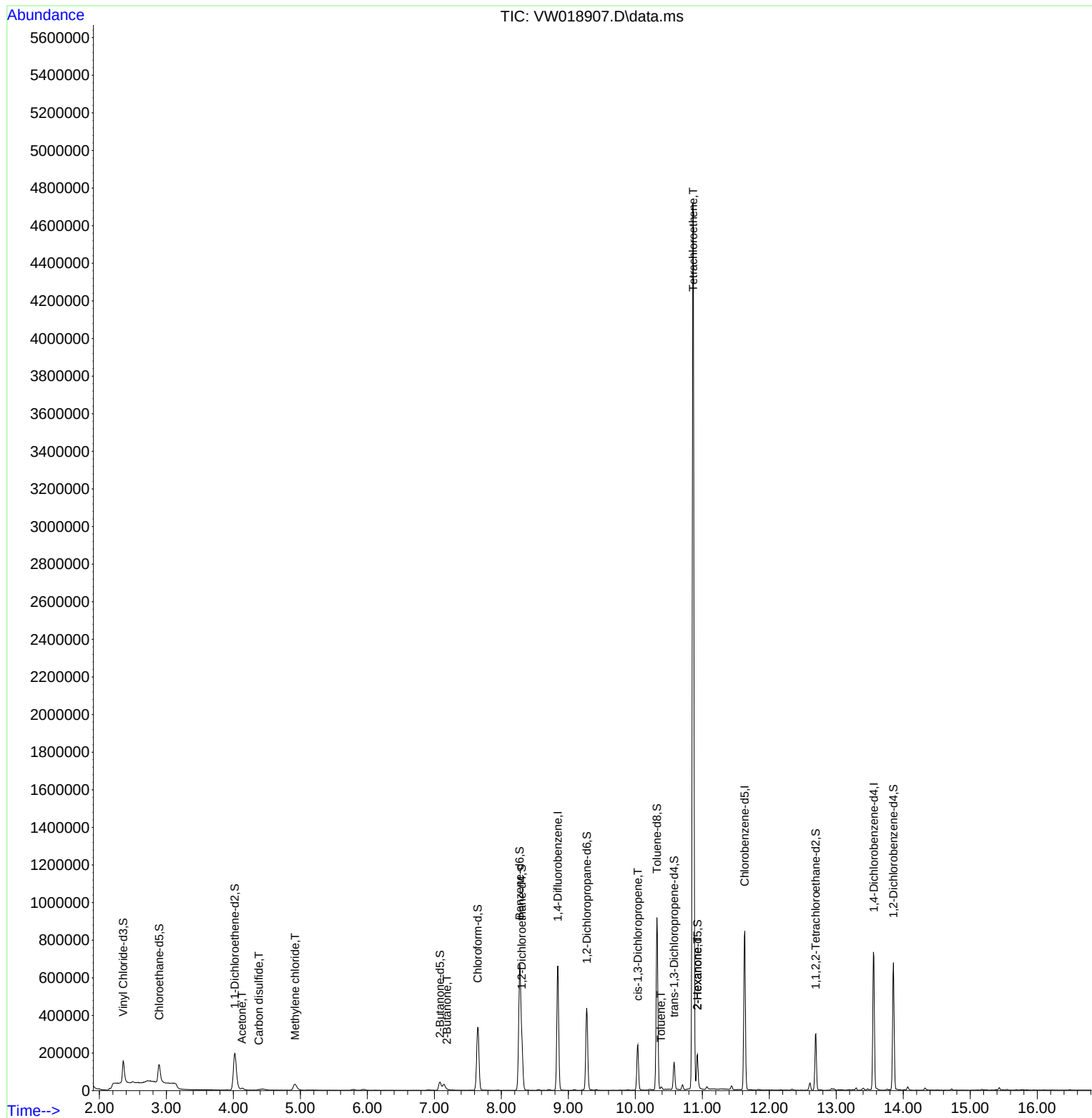
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 535341   | 25.00    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 457459   | 25.00    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 183978   | 25.00    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 158473   | 23.07    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 92.28%   |
| 7) Chloroethane-d5            | 2.892  | 69    | 136201   | 25.60    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 102.40%  |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 231317   | 16.96    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 67.84%   |
| 21) 2-Butanone-d5             | 7.086  | 46    | 74863    | 41.85    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 83.70%   |
| 24) Chloroform-d              | 7.647  | 84    | 346604   | 24.67    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 98.68%   |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 183411   | 23.37    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 93.48%   |
| 32) Benzene-d6                | 8.275  | 84    | 681190   | 26.35    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 105.40%  |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 203924   | 26.59    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 106.36%  |
| 41) Toluene-d8                | 10.323 | 98    | 610962   | 25.35    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 101.40%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 80241    | 23.03    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 92.12%   |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 63124    | 45.98    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 91.96%   |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 150833   | 23.21    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 92.84%   |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 170645   | 27.07    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 108.28%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.129  | 43    | 16610    | 12.12    | ug/L   | 88       |
| 14) Carbon disulfide          | 4.379  | 76    | 6988     | 0.34     | ug/L   | 97       |
| 16) Methylene chloride        | 4.922  | 84    | 31459    | 3.55     | ug/L   | 87       |
| 22) 2-Butanone                | 7.190  | 43    | 7151     | 3.76     | ug/L   | 95       |
| 39) cis-1,3-Dichloropropene   | 10.037 | 75    | 6484     | 0.62     | ug/L # | 58       |
| 42) Toluene                   | 10.384 | 91    | 10219    | 0.34     | ug/L   | 86       |
| 46) Tetrachloroethene         | 10.866 | 164   | 1013888  | 184.52   | ug/L   | 92       |
| 48) 2-Hexanone                | 10.927 | 43    | 6676     | 2.50     | ug/L # | 67       |
| -----                         |        |       |          |          |        |          |

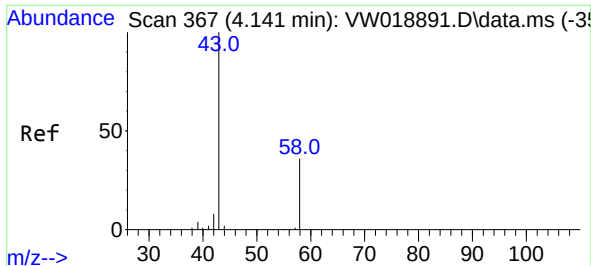
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
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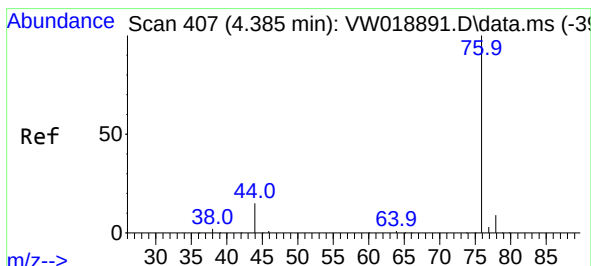
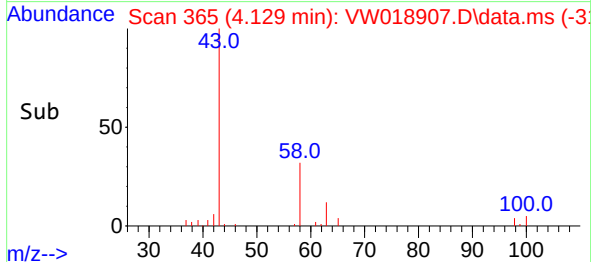
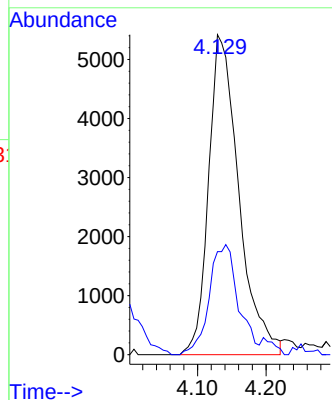
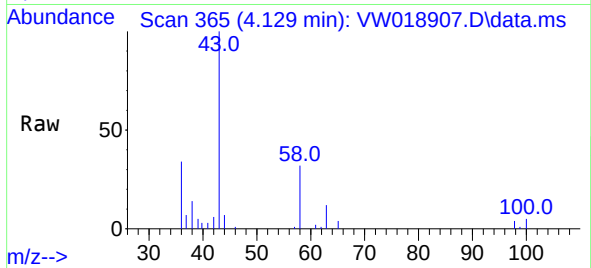




#13  
Acetone  
Concen: 12.12 ug/L  
RT: 4.129 min Scan# 365  
Delta R.T. -0.012 min  
Lab File: VW018907.D  
Acq: 03 May 2021 18:33

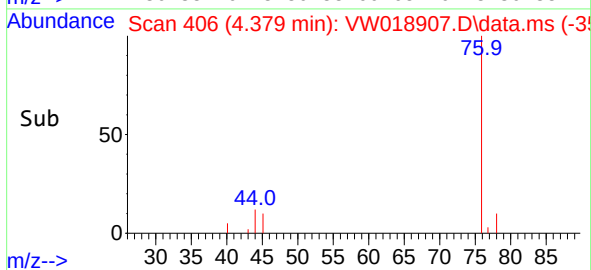
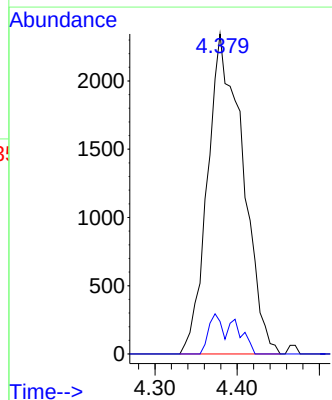
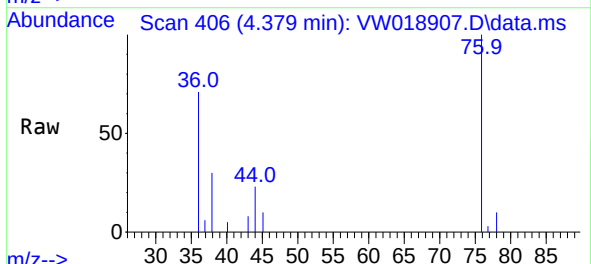
Instrument :  
MSVOA\_W  
ClientSampled :

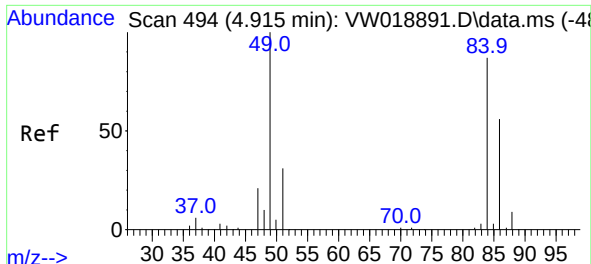
Tgt Ion: 43 Resp: 16610  
Ion Ratio Lower Upper  
43 100  
58 33.1 0.0 53.8



#14  
Carbon disulfide  
Concen: 0.34 ug/L  
RT: 4.379 min Scan# 406  
Delta R.T. -0.006 min  
Lab File: VW018907.D  
Acq: 03 May 2021 18:33

Tgt Ion: 76 Resp: 6988  
Ion Ratio Lower Upper  
76 100  
78 10.2 7.4 11.0

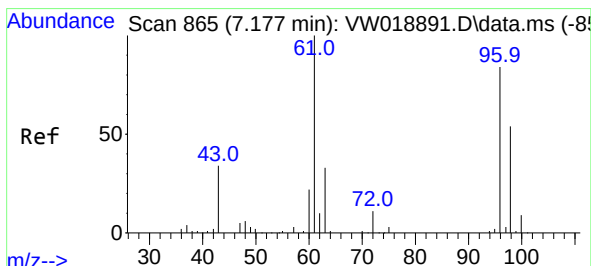
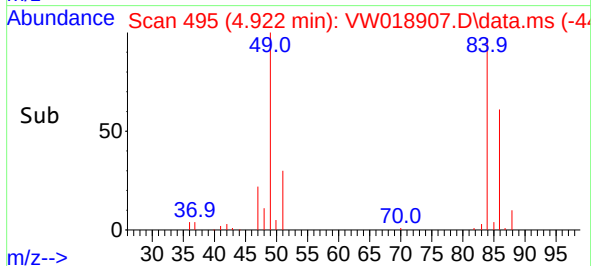
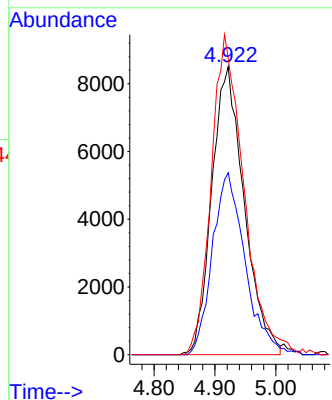
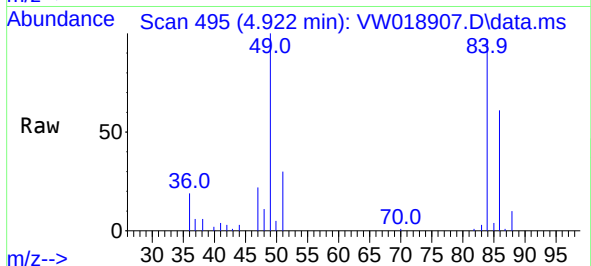




#16  
Methylene chloride  
Concen: 3.55 ug/L  
RT: 4.922 min Scan# 495  
Delta R.T. 0.006 min  
Lab File: VW018907.D  
Acq: 03 May 2021 18:33

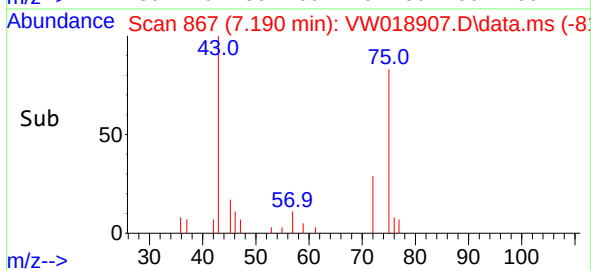
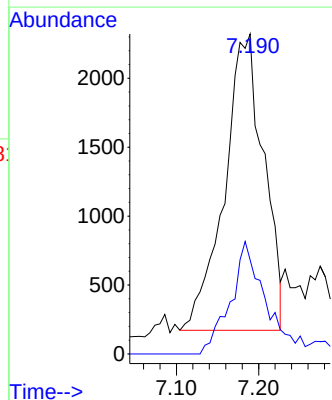
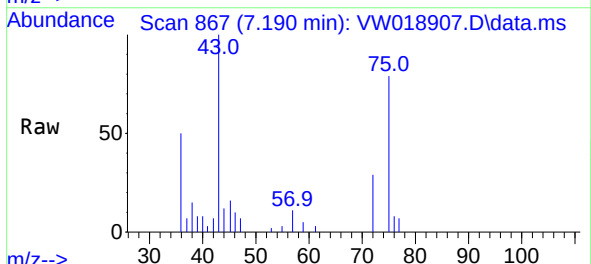
Instrument :  
MSVOA\_W  
ClientSampled :

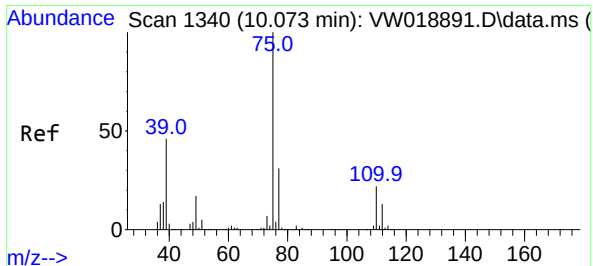
Tgt Ion: 84 Resp: 31459  
Ion Ratio Lower Upper  
84 100  
86 63.2 45.3 84.1  
49 102.9 86.6 160.8



#22  
2-Butanone  
Concen: 3.76 ug/L  
RT: 7.190 min Scan# 867  
Delta R.T. 0.013 min  
Lab File: VW018907.D  
Acq: 03 May 2021 18:33

Tgt Ion: 43 Resp: 7151  
Ion Ratio Lower Upper  
43 100  
72 32.7 14.9 44.7

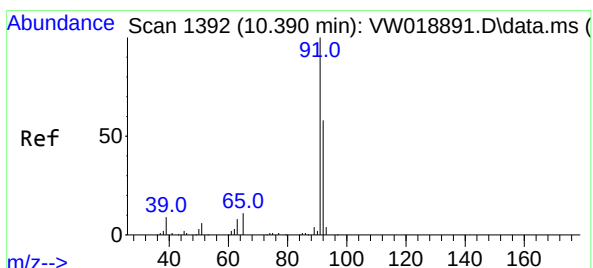
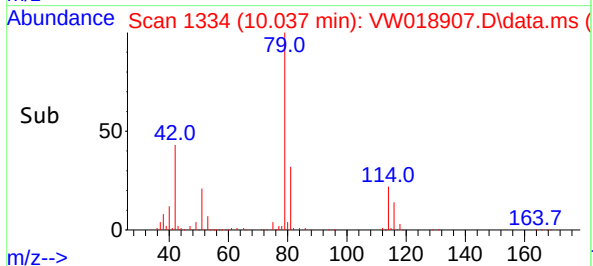
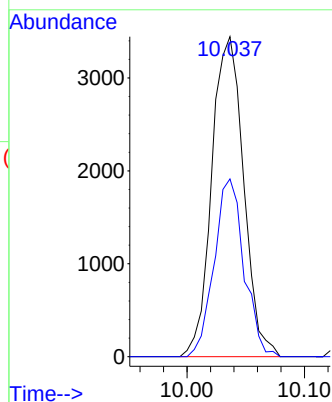
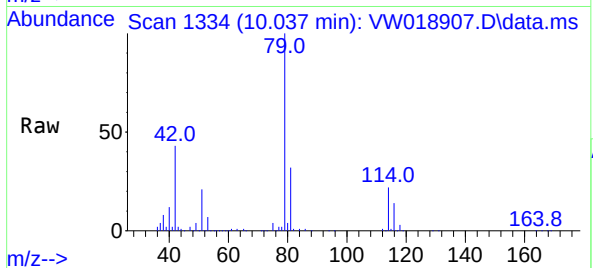




#39  
cis-1,3-Dichloropropene  
Concen: 0.62 ug/L  
RT: 10.037 min Scan# 1334  
Delta R.T. -0.036 min  
Lab File: VW018907.D  
Acq: 03 May 2021 18:33

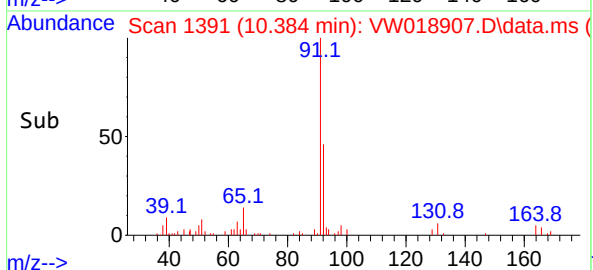
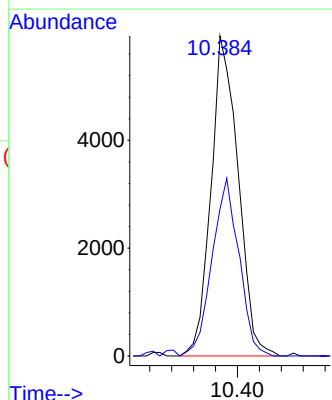
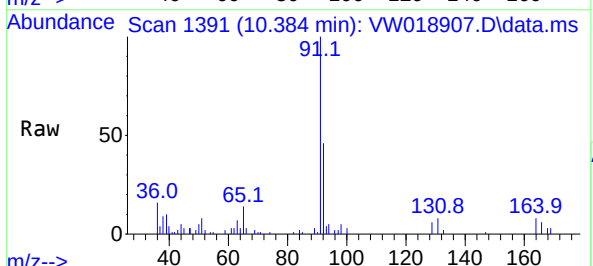
Instrument :  
MSVOA\_W  
ClientSampled :

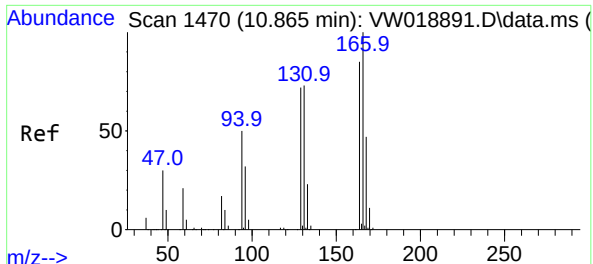
Tgt Ion: 75 Resp: 6484  
Ion Ratio Lower Upper  
75 100  
77 55.6 22.6 42.0#



#42  
Toluene  
Concen: 0.34 ug/L  
RT: 10.384 min Scan# 1391  
Delta R.T. -0.006 min  
Lab File: VW018907.D  
Acq: 03 May 2021 18:33

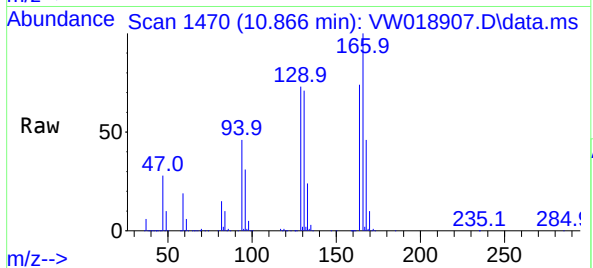
Tgt Ion: 91 Resp: 10219  
Ion Ratio Lower Upper  
91 100  
92 45.9 39.5 73.3



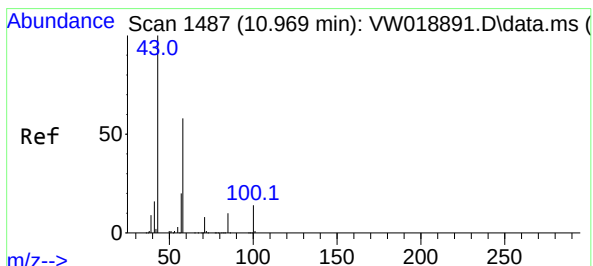
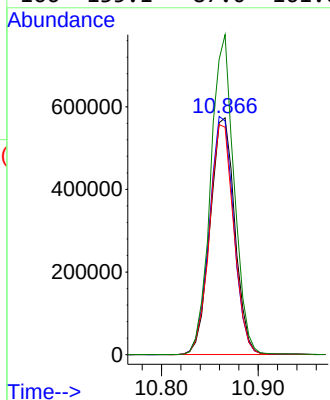
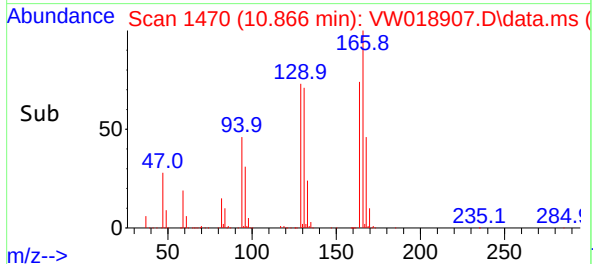


#46  
Tetrachloroethene  
Concen: 184.52 ug/L  
RT: 10.866 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VW018907.D  
Acq: 03 May 2021 18:33

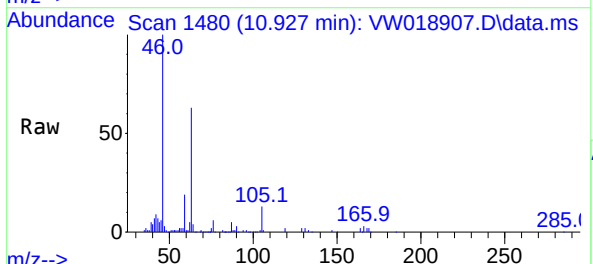
Instrument :  
MSVOA\_W  
ClientSampled :



Tgt Ion:164 Resp: 1013888  
Ion Ratio Lower Upper  
164 100  
129 98.7 66.7 123.9  
131 96.1 61.1 113.5  
166 135.1 87.0 161.6



#48  
2-Hexanone  
Concen: 2.50 ug/L  
RT: 10.927 min Scan# 1480  
Delta R.T. -0.042 min  
Lab File: VW018907.D  
Acq: 03 May 2021 18:33



Tgt Ion: 43 Resp: 6676  
Ion Ratio Lower Upper  
43 100  
58 26.9 42.7 64.1#  
57 31.7 15.8 23.8#  
100 1.0 10.0 15.0#

