

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042321\  
 Data File : VW018763.D  
 Acq On : 23 Apr 2021 17:21  
 Operator : SY/VA  
 Sample : M2165-10  
 Misc : 6.01G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Apr 24 00:19:20 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM041421SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Apr 24 00:16:05 2021  
 Response via : Initial Calibration

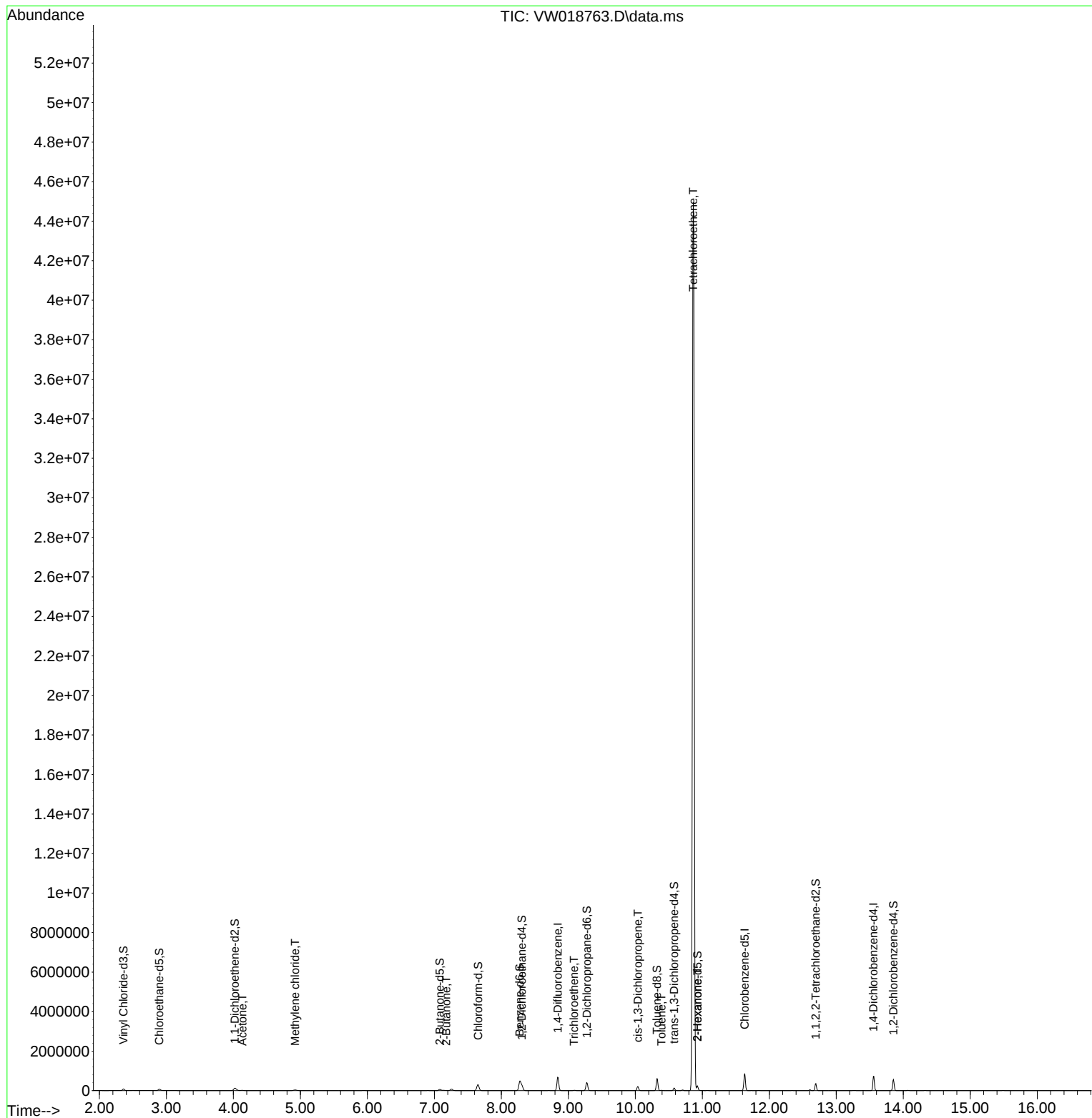
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 557099   | 25.00    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 461690   | 25.00    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 183257   | 25.00    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 99423    | 11.74    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 46.96%   |
| 7) Chloroethane-d5            | 2.892  | 69    | 94258    | 12.56    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 50.24%   |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 137117   | 9.33     | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 37.32%#  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 97962    | 50.83    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 101.66%  |
| 24) Chloroform-d              | 7.653  | 84    | 312579   | 20.44    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 81.76%   |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 181602   | 21.13    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 84.52%   |
| 32) Benzene-d6                | 8.275  | 84    | 507362   | 18.73    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 74.92%   |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 190831   | 23.38    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 93.52%   |
| 41) Toluene-d8                | 10.323 | 98    | 408812   | 16.50    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 66.00%   |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 74063    | 21.31    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 85.24%   |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 81677    | 57.55    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 115.10%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 178530   | 26.19    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 104.76%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 138552   | 21.52    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 86.08%   |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 13) Acetone                   | 4.135  | 43    | 29597    | 21.16    | ug/L   | 87       |
| 16) Methylene chloride        | 4.922  | 84    | 30472    | 3.34     | ug/L   | 97       |
| 22) 2-Butanone                | 7.177  | 43    | 5769     | 2.71     | ug/L   | 87       |
| 34) Trichloroethene           | 9.086  | 95    | 6259     | 0.84     | ug/L   | 79       |
| 39) cis-1,3-Dichloropropene   | 10.037 | 75    | 5314     | 0.49     | ug/L # | 69       |
| 42) Toluene                   | 10.390 | 91    | 11539    | 0.37     | ug/L   | 100      |
| 46) Tetrachloroethene         | 10.866 | 164   | 10086301 | 1912.33  | ug/L   | 94       |
| 48) 2-Hexanone                | 10.927 | 43    | 8364     | 2.93     | ug/L # | 70       |
| -----                         |        |       |          |          |        |          |

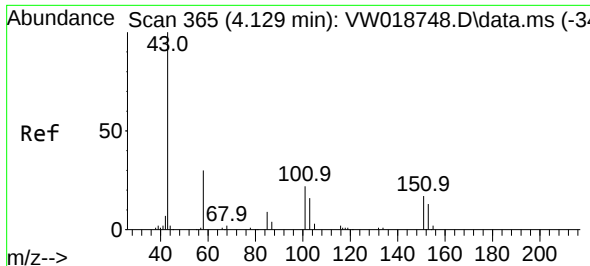
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 18 Sample Multiplier: 1

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MSVOA\_W  
ClientSampleId :

Quant Time: Apr 24 00:19:20 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM041421SMA.M  
Quant Title : SFAM01.0  
QLast Update : Sat Apr 24 00:16:05 2021  
Response via : Initial Calibration

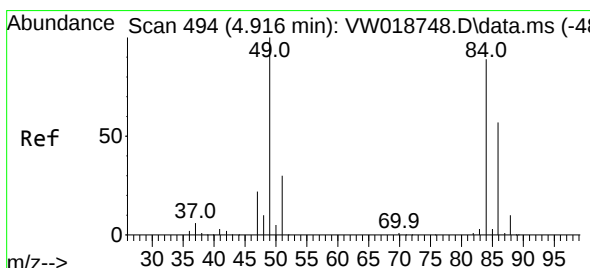
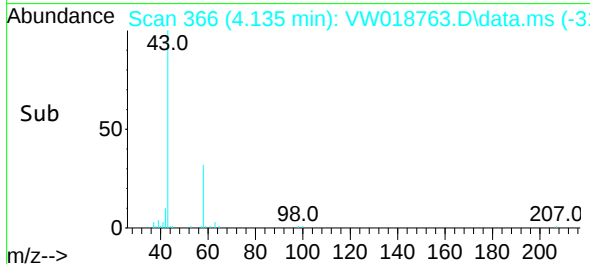
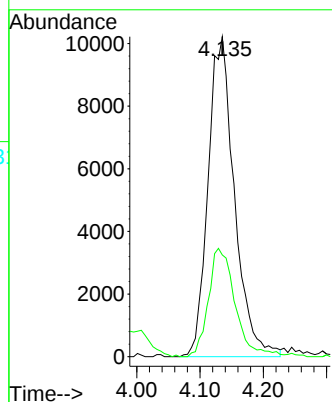
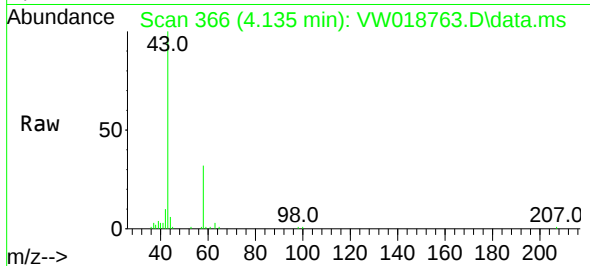




#13  
Acetone  
Concen: 21.16 ug/L  
RT: 4.135 min Scan# 366  
Delta R.T. 0.006 min  
Lab File: VW018763.D  
Acq: 23 Apr 2021 17:21

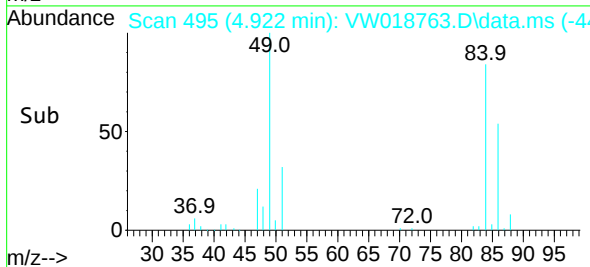
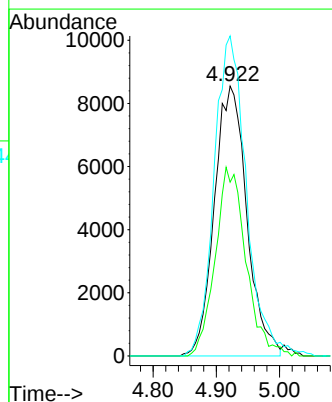
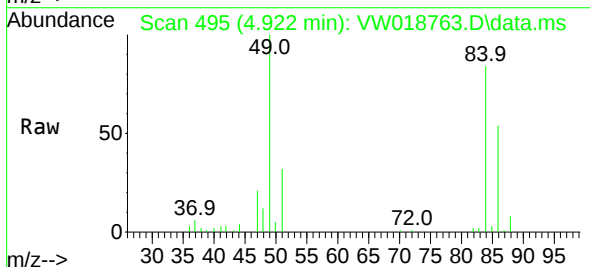
Instrument :  
MSVOA\_W  
ClientSampled :

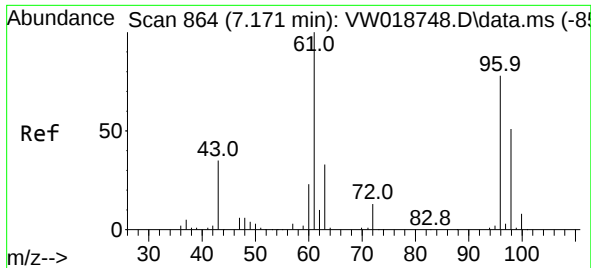
Tgt Ion: 43 Resp: 29597  
Ion Ratio Lower Upper  
43 100  
58 33.9 0.0 53.8



#16  
Methylene chloride  
Concen: 3.34 ug/L  
RT: 4.922 min Scan# 495  
Delta R.T. 0.006 min  
Lab File: VW018763.D  
Acq: 23 Apr 2021 17:21

Tgt Ion: 84 Resp: 30472  
Ion Ratio Lower Upper  
84 100  
86 64.4 45.3 84.1  
49 118.5 86.6 160.8

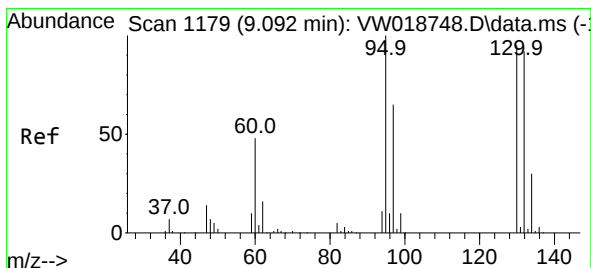
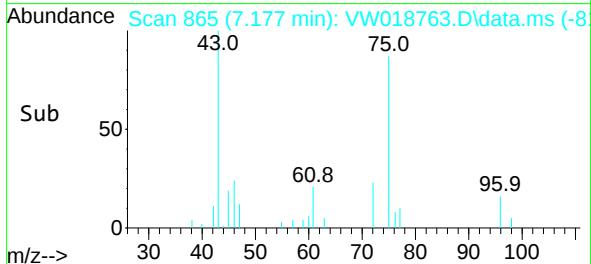
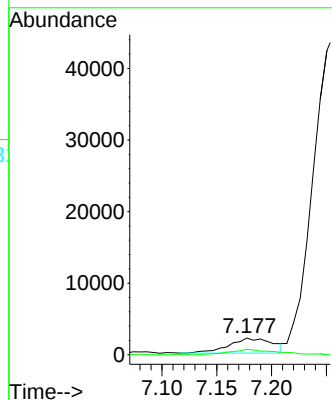
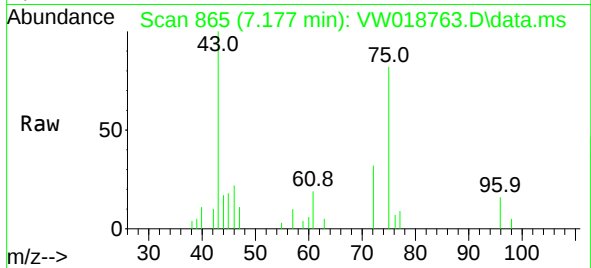




#22  
2-Butanone  
Concen: 2.71 ug/L  
RT: 7.177 min Scan# 865  
Delta R.T. 0.006 min  
Lab File: VW018763.D  
Acq: 23 Apr 2021 17:21

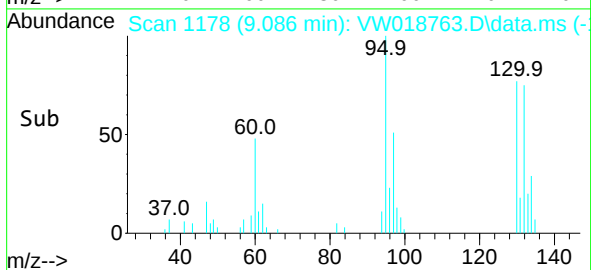
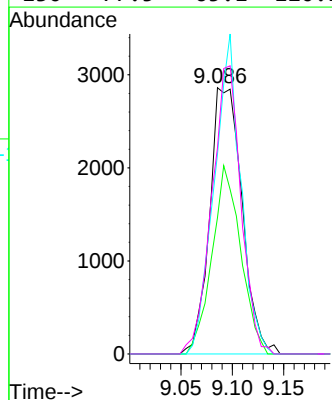
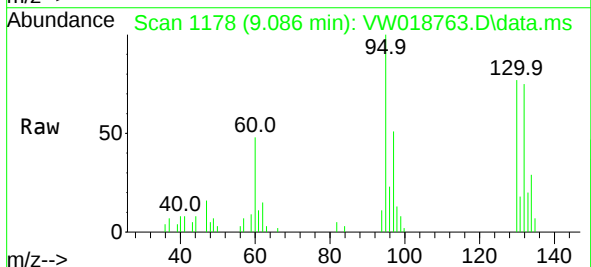
Instrument :  
MSVOA\_W  
ClientSampled :

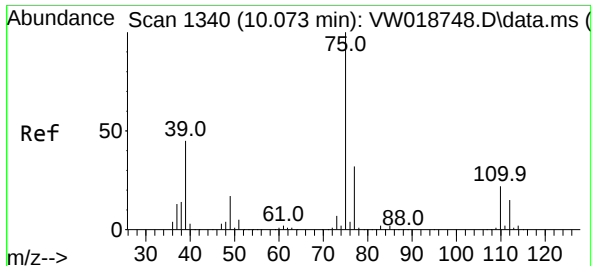
Tgt Ion: 43 Resp: 5769  
Ion Ratio Lower Upper  
43 100  
72 36.6 14.9 44.7



#34  
Trichloroethene  
Concen: 0.84 ug/L  
RT: 9.086 min Scan# 1178  
Delta R.T. -0.006 min  
Lab File: VW018763.D  
Acq: 23 Apr 2021 17:21

Tgt Ion: 95 Resp: 6259  
Ion Ratio Lower Upper  
95 100  
97 51.2 47.3 87.8  
132 75.0 71.0 131.8  
130 77.5 65.1 120.9

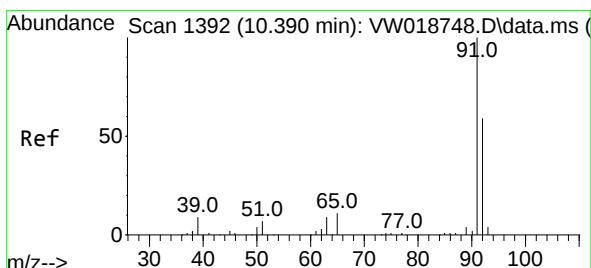
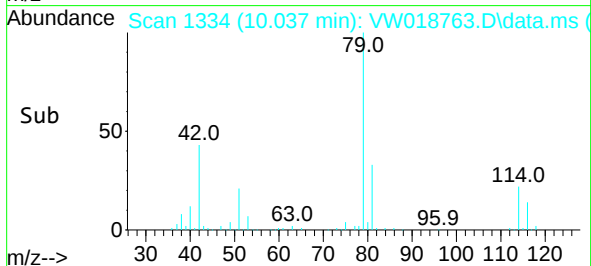
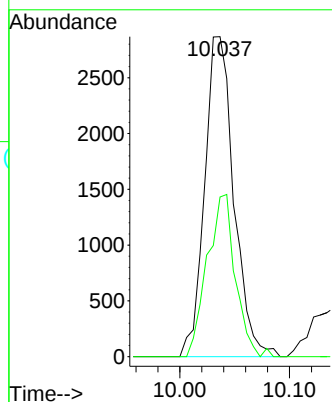
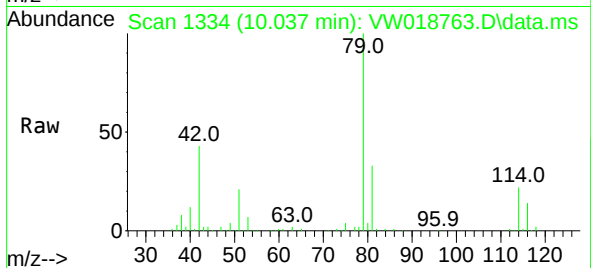




#39  
cis-1,3-Dichloropropene  
Concen: 0.49 ug/L  
RT: 10.037 min Scan# 1334  
Delta R.T. -0.037 min  
Lab File: VW018763.D  
Acq: 23 Apr 2021 17:21

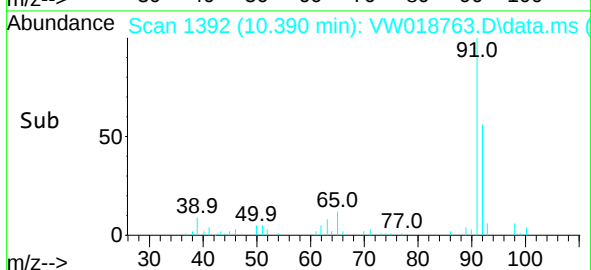
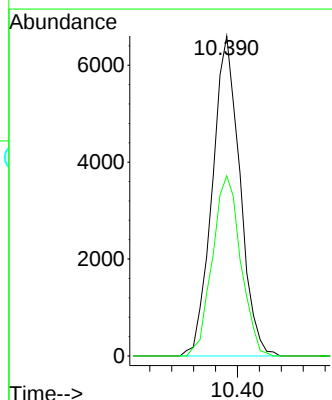
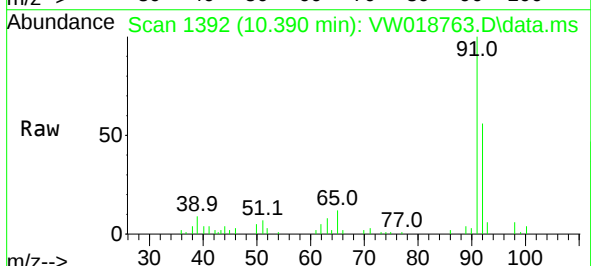
Instrument :  
MSVOA\_W  
ClientSampled :

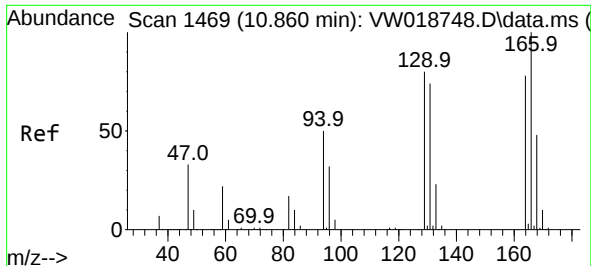
Tgt Ion: 75 Resp: 5314  
Ion Ratio Lower Upper  
75 100  
77 49.9 22.6 42.0#



#42  
Toluene  
Concen: 0.37 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. -0.000 min  
Lab File: VW018763.D  
Acq: 23 Apr 2021 17:21

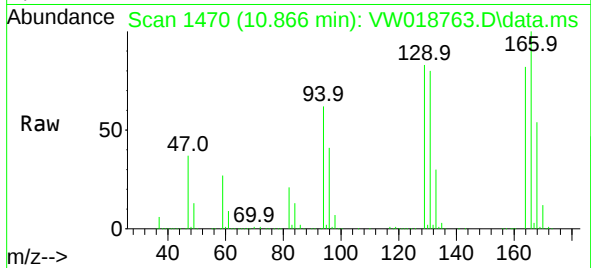
Tgt Ion: 91 Resp: 11539  
Ion Ratio Lower Upper  
91 100  
92 56.3 39.5 73.3



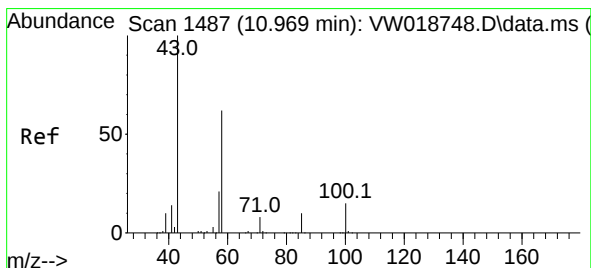
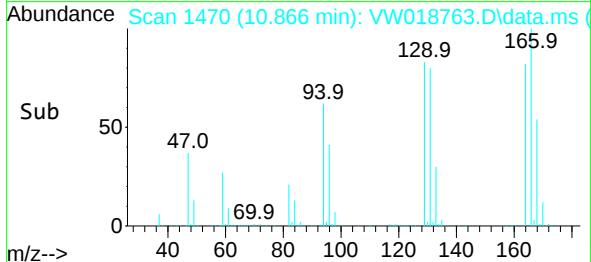
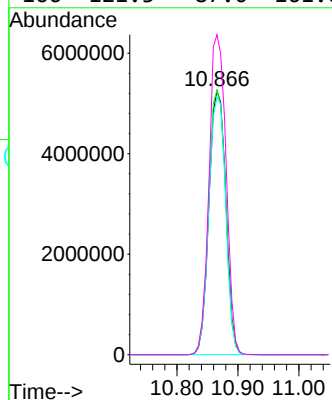


#46  
Tetrachloroethene  
Concen: 1912.33 ug/L  
RT: 10.866 min Scan# 1470  
Delta R.T. 0.006 min  
Lab File: VW018763.D  
Acq: 23 Apr 2021 17:21

Instrument :  
MSVOA\_W  
ClientSampled :



Tgt Ion:164 Resp:10086301  
Ion Ratio Lower Upper  
164 100  
129 100.1 66.7 123.9  
131 97.6 61.1 113.5  
166 121.3 87.0 161.6



#48  
2-Hexanone  
Concen: 2.93 ug/L  
RT: 10.927 min Scan# 1480  
Delta R.T. -0.043 min  
Lab File: VW018763.D  
Acq: 23 Apr 2021 17:21

Tgt Ion: 43 Resp: 8364  
Ion Ratio Lower Upper  
43 100  
58 27.5 42.7 64.1#  
57 25.1 15.8 23.8#  
100 0.0 10.0 15.0#

