

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW041221\  
 Data File : VW018629.D  
 Acq On : 12 Apr 2021 17:46  
 Operator : SY/VA  
 Sample : M2011-04  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BG784

Quant Time: Apr 17 04:28:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM033121SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Apr 17 04:26:19 2021  
 Response via : Initial Calibration

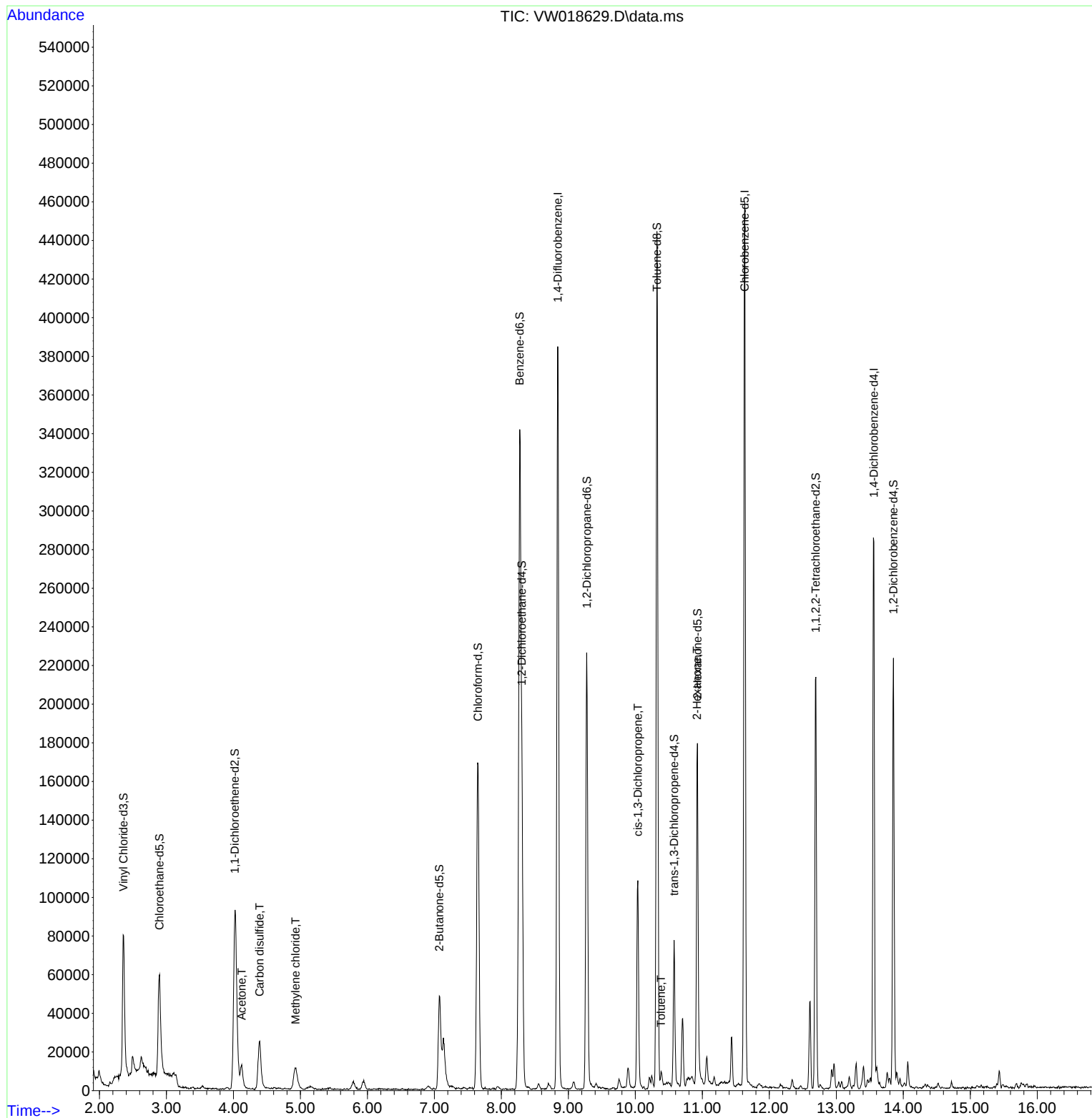
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.841  | 114   | 315094   | 25.00    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 250888   | 25.00    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 71593    | 25.00    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 95614    | 18.88    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 75.52%   |
| 7) Chloroethane-d5            | 2.897  | 69    | 75761    | 18.70    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 74.80%   |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 107511   | 13.65    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 54.60%   |
| 21) 2-Butanone-d5             | 7.073  | 46    | 80908    | 76.62    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 153.24%# |
| 24) Chloroform-d              | 7.653  | 84    | 173310   | 20.93    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 83.72%   |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 114269   | 22.96    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 91.84%   |
| 32) Benzene-d6                | 8.274  | 84    | 327299   | 24.88    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 99.52%   |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 100504   | 26.22    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 104.88%  |
| 41) Toluene-d8                | 10.323 | 98    | 289366   | 22.40    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 89.60%   |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 38980    | 20.42    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 81.68%   |
| 47) 2-Hexanone-d5             | 10.926 | 63    | 60444    | 80.54    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 161.08%# |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694 | 84    | 104475   | 28.50    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 114.00%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 55540    | 22.93    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 91.72%   |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 13) Acetone                   | 4.123  | 43    | 18078    | 24.28    | ug/L   | 98       |
| 14) Carbon disulfide          | 4.391  | 76    | 18720    | 1.47     | ug/L   | 99       |
| 16) Methylene chloride        | 4.927  | 84    | 10529    | 2.23     | ug/L   | 82       |
| 39) cis-1,3-Dichloropropene   | 10.036 | 75    | 3309     | 0.56     | ug/L   | 87       |
| 42) Toluene                   | 10.384 | 91    | 5989     | 0.35     | ug/L   | 98       |
| 48) 2-Hexanone                | 10.920 | 43    | 7427     | 4.46     | ug/L # | 70       |
| -----                         |        |       |          |          |        |          |

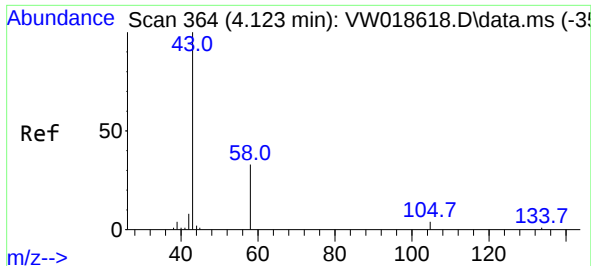
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 14 Sample Multiplier: 1

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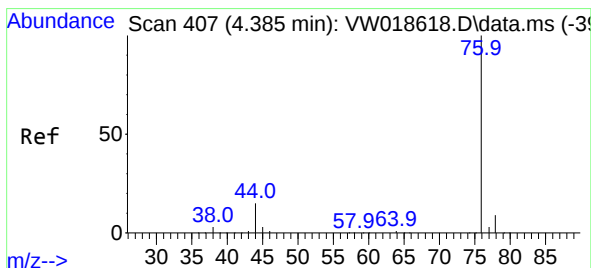
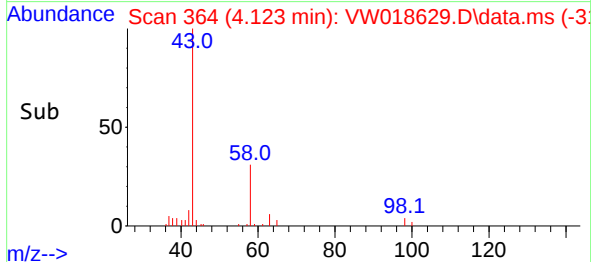
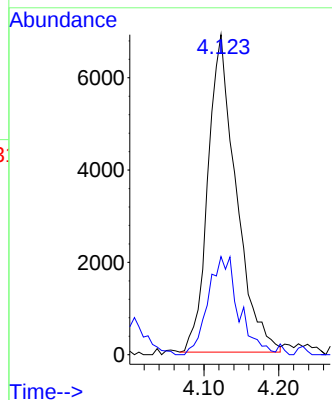
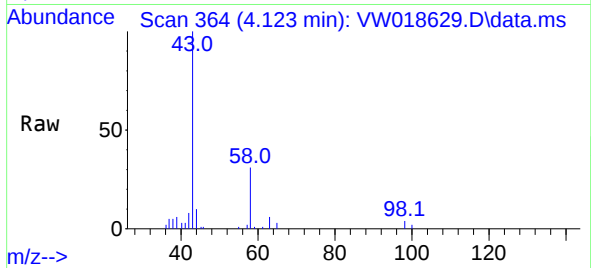




#13  
Acetone  
Concen: 24.28 ug/L  
RT: 4.123 min Scan# 364  
Delta R.T. -0.000 min  
Lab File: VW018629.D  
Acq: 12 Apr 2021 17:46

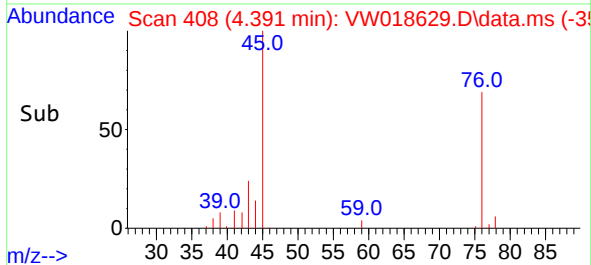
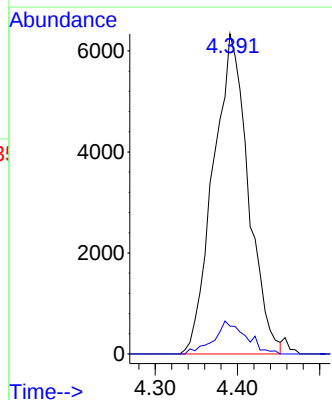
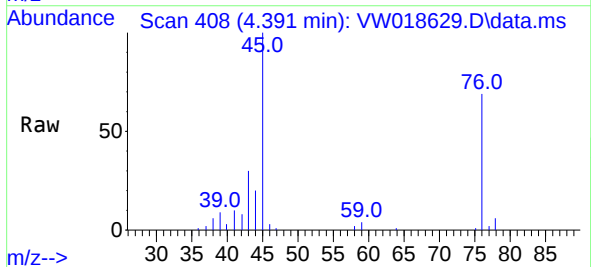
Instrument :  
MSVOA\_W  
ClientSampled :  
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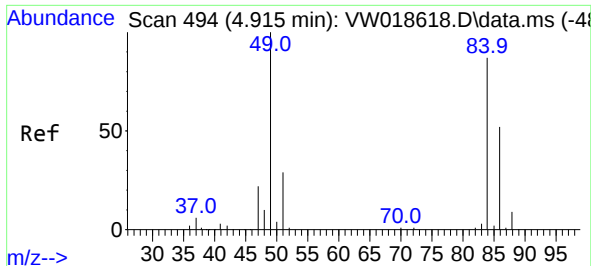
Tgt Ion: 43 Resp: 18078  
Ion Ratio Lower Upper  
43 100  
58 28.2 0.0 53.8



#14  
Carbon disulfide  
Concen: 1.47 ug/L  
RT: 4.391 min Scan# 408  
Delta R.T. 0.006 min  
Lab File: VW018629.D  
Acq: 12 Apr 2021 17:46

Tgt Ion: 76 Resp: 18720  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.4 11.0

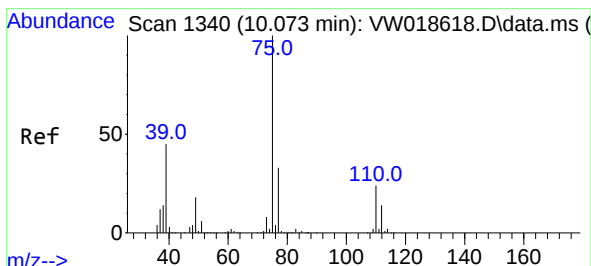
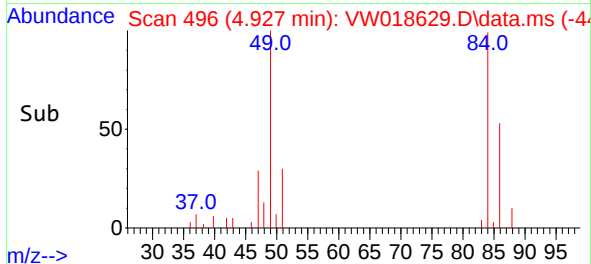
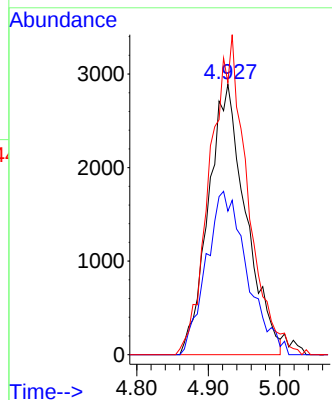
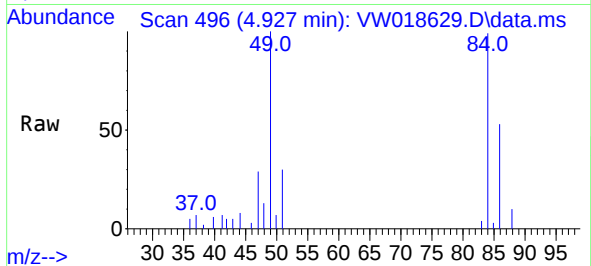




#16  
Methylene chloride  
Concen: 2.23 ug/L  
RT: 4.927 min Scan# 496  
Delta R.T. 0.012 min  
Lab File: VW018629.D  
Acq: 12 Apr 2021 17:46

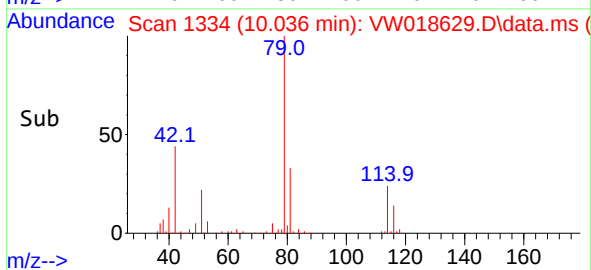
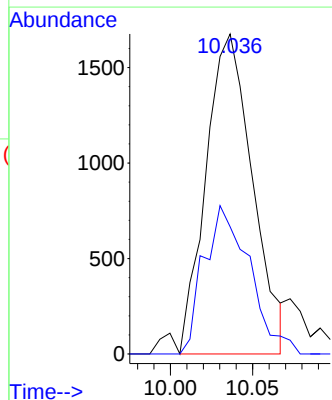
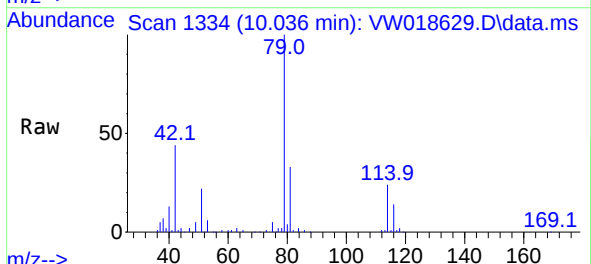
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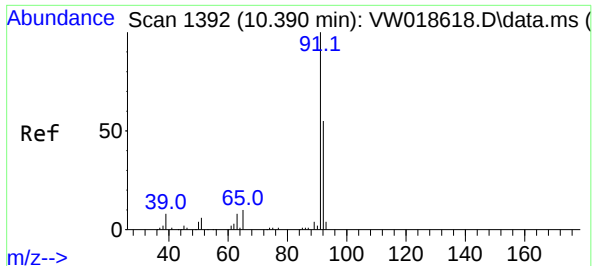
Tgt Ion: 84 Resp: 10529  
Ion Ratio Lower Upper  
84 100  
86 53.1 45.3 84.1  
49 100.7 86.6 160.8



#39  
cis-1,3-Dichloropropene  
Concen: 0.56 ug/L  
RT: 10.036 min Scan# 1334  
Delta R.T. -0.037 min  
Lab File: VW018629.D  
Acq: 12 Apr 2021 17:46

Tgt Ion: 75 Resp: 3309  
Ion Ratio Lower Upper  
75 100  
77 39.7 22.6 42.0

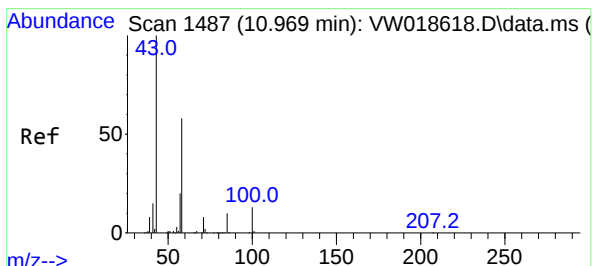
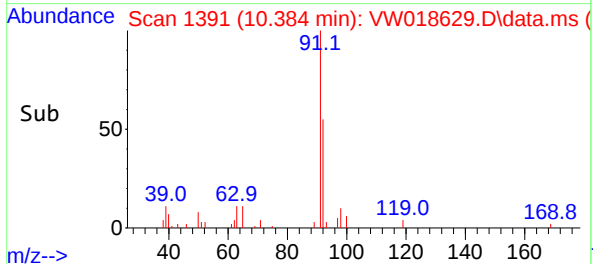
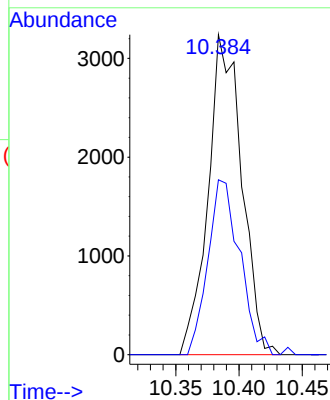
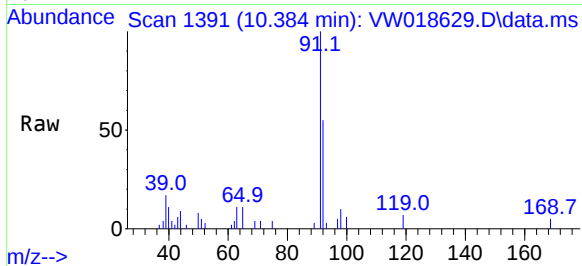




#42  
Toluene  
Concen: 0.35 ug/L  
RT: 10.384 min Scan# 1391  
Delta R.T. -0.006 min  
Lab File: VW018629.D  
Acq: 12 Apr 2021 17:46

Instrument :  
MSVOA\_W  
ClientSampled :  
BG784

Tgt Ion: 91 Resp: 5989  
Ion Ratio Lower Upper  
91 100  
92 54.6 39.5 73.3



#48  
2-Hexanone  
Concen: 4.46 ug/L  
RT: 10.920 min Scan# 1479  
Delta R.T. -0.049 min  
Lab File: VW018629.D  
Acq: 12 Apr 2021 17:46

Tgt Ion: 43 Resp: 7427  
Ion Ratio Lower Upper  
43 100  
58 29.0 42.7 64.1#  
57 31.1 15.8 23.8#  
100 5.0 10.0 15.0#

