

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW081123\  
 Data File : VW026714.D  
 Acq On : 11 Aug 2023 16:47  
 Operator : SY/MD  
 Sample : 03967-19  
 Misc : 5.30g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A48M5

Quant Time: Aug 12 00:45:00 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Aug 12 00:39:51 2023  
 Response via : Initial Calibration

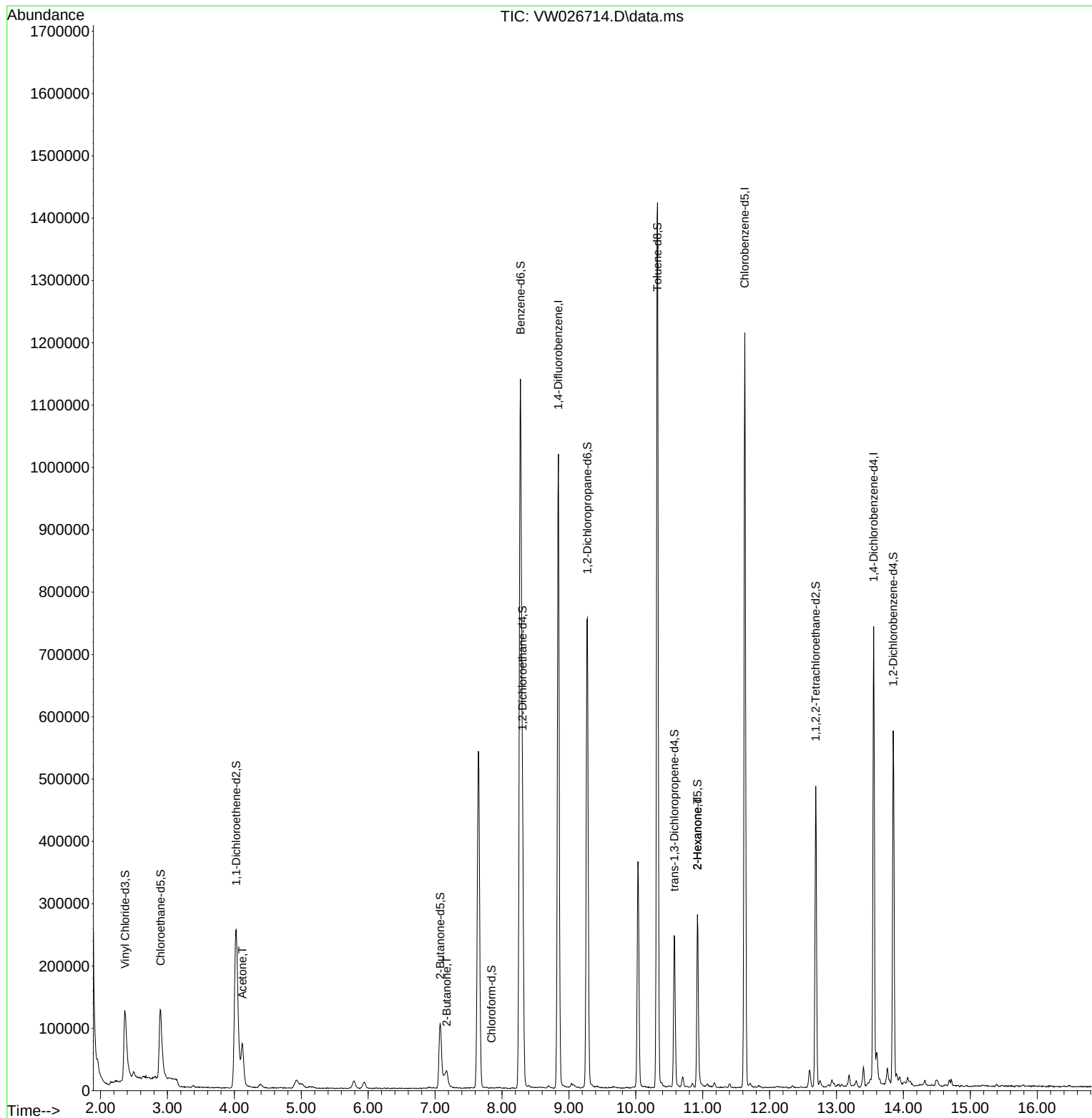
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114            | 773475   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117            | 609260   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152            | 180488   | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.369  | 65             | 239776   | 18.858 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 75.440%  |          |
| 7) Chloroethane-d5            | 2.899  | 69             | 185581   | 19.628 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 78.520%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.027  | 65             | 117641   | 18.812 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 110 | Recovery | =      | 75.240%  |          |
| 21) 2-Butanone-d5             | 7.075  | 46             | 185325   | 50.711 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 101.420% |          |
| 24) Chloroform-d              | 7.843  | 84             | 271      | 0.010  | ug/L     | 0.20     |
| Spiked Amount                 | 25.000 | Range 40 - 150 | Recovery | =      | 0.040%#  |          |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65             | 335403   | 23.412 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 130 | Recovery | =      | 93.640%  |          |
| 32) Benzene-d6                | 8.276  | 84             | 1117332  | 26.610 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 20 - 135 | Recovery | =      | 106.440% |          |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67             | 358293   | 27.394 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 120 | Recovery | =      | 109.560% |          |
| 41) Toluene-d8                | 10.325 | 98             | 905216   | 25.114 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 130 | Recovery | =      | 100.440% |          |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79             | 134809   | 24.963 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 135 | Recovery | =      | 99.840%  |          |
| 47) 2-Hexanone-d5             | 10.922 | 63             | 88097    | 64.101 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 128.200% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84             | 236198   | 22.867 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 120 | Recovery | =      | 91.480%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152            | 135836   | 21.027 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 75 - 120 | Recovery | =      | 84.120%  |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 13) Acetone                   | 4.118  | 43             | 105985   | 29.167 | ug/L     | 97       |
| 22) 2-Butanone                | 7.173  | 43             | 42490    | 7.935  | ug/L     | 96       |
| 48) 2-Hexanone                | 10.922 | 43             | 13134    | 2.442  | ug/L #   | 70       |
| -----                         |        |                |          |        |          |          |

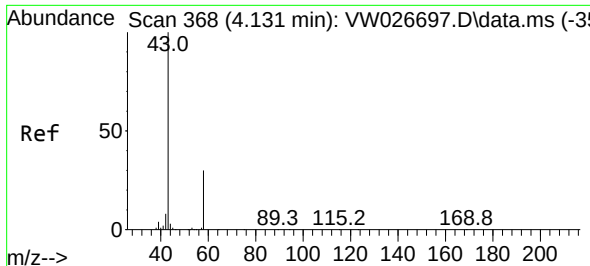
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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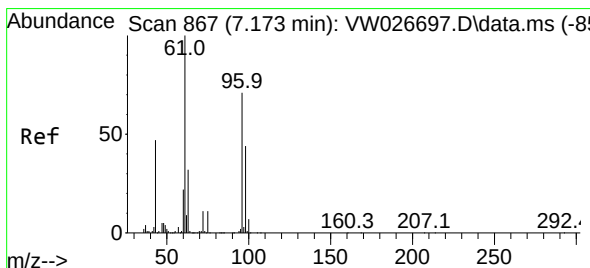
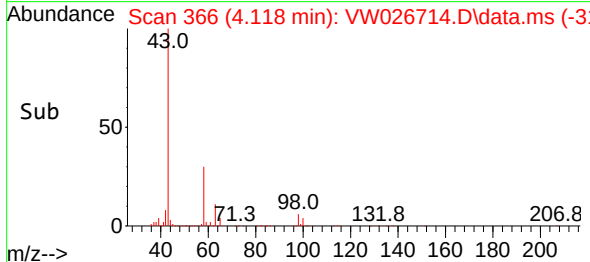
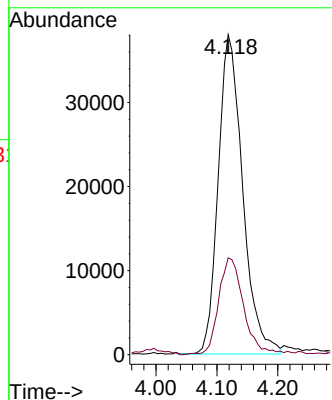
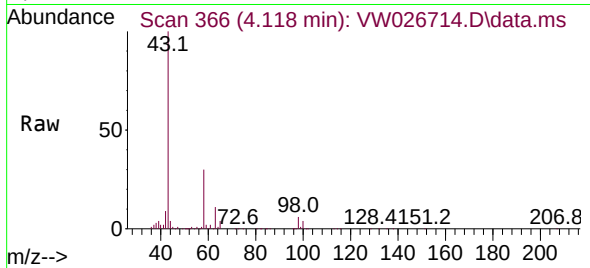




#13  
Acetone  
Concen: 29.167 ug/L  
RT: 4.118 min Scan# 30  
Delta R.T. -0.012 min  
Lab File: VW026714.D  
Acq: 11 Aug 2023 16:47

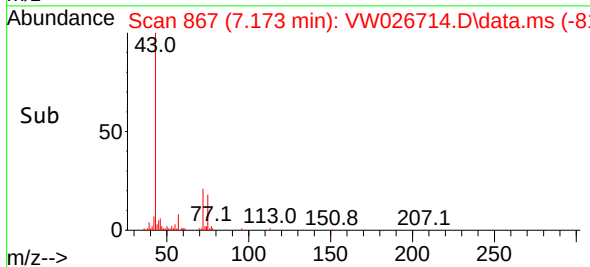
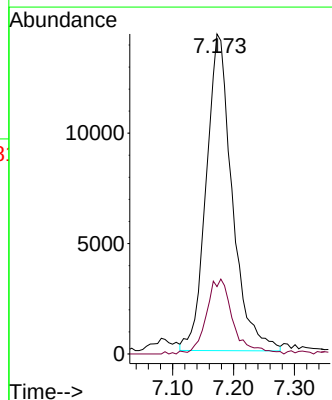
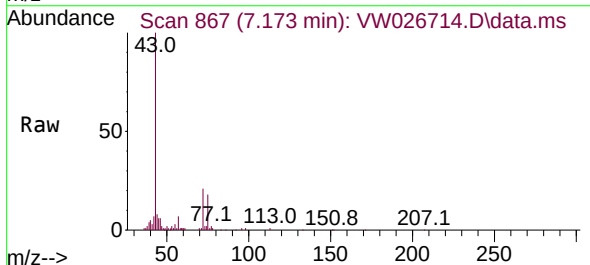
Instrument :  
MSVOA\_W  
ClientSampleId :  
A48M5

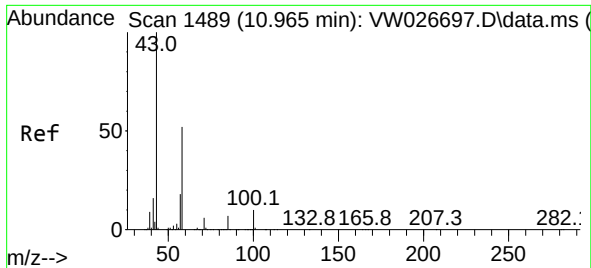
Tgt Ion: 43 Resp: 105985  
Ion Ratio Lower Upper  
43 100  
58 30.2 0.0 57.4



#22  
2-Butanone  
Concen: 7.935 ug/L  
RT: 7.173 min Scan# 867  
Delta R.T. -0.000 min  
Lab File: VW026714.D  
Acq: 11 Aug 2023 16:47

Tgt Ion: 43 Resp: 42490  
Ion Ratio Lower Upper  
43 100  
72 21.8 11.8 35.4





#48  
 2-Hexanone  
 Concen: 2.442 ug/L  
 RT: 10.922 min Scan# 14  
 Delta R.T. -0.043 min  
 Lab File: VW026714.D  
 Acq: 11 Aug 2023 16:47

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A48M5

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 43 | Resp: | 13134       |
| Ion         | Ratio | Lower Upper |
| 43          | 100   |             |
| 58          | 30.1  | 41.1 61.7#  |
| 57          | 33.0  | 14.3 21.5#  |
| 100         | 3.1   | 8.8 13.2#   |

