

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW030822\  
 Data File : VW022233.D  
 Acq On : 08 Mar 2022 17:14  
 Operator : SY/VA  
 Sample : N1816-10  
 Misc : 5.71g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DBSD5

Quant Time: Mar 09 00:27:35 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM022322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Mar 09 00:23:14 2022  
 Response via : Initial Calibration

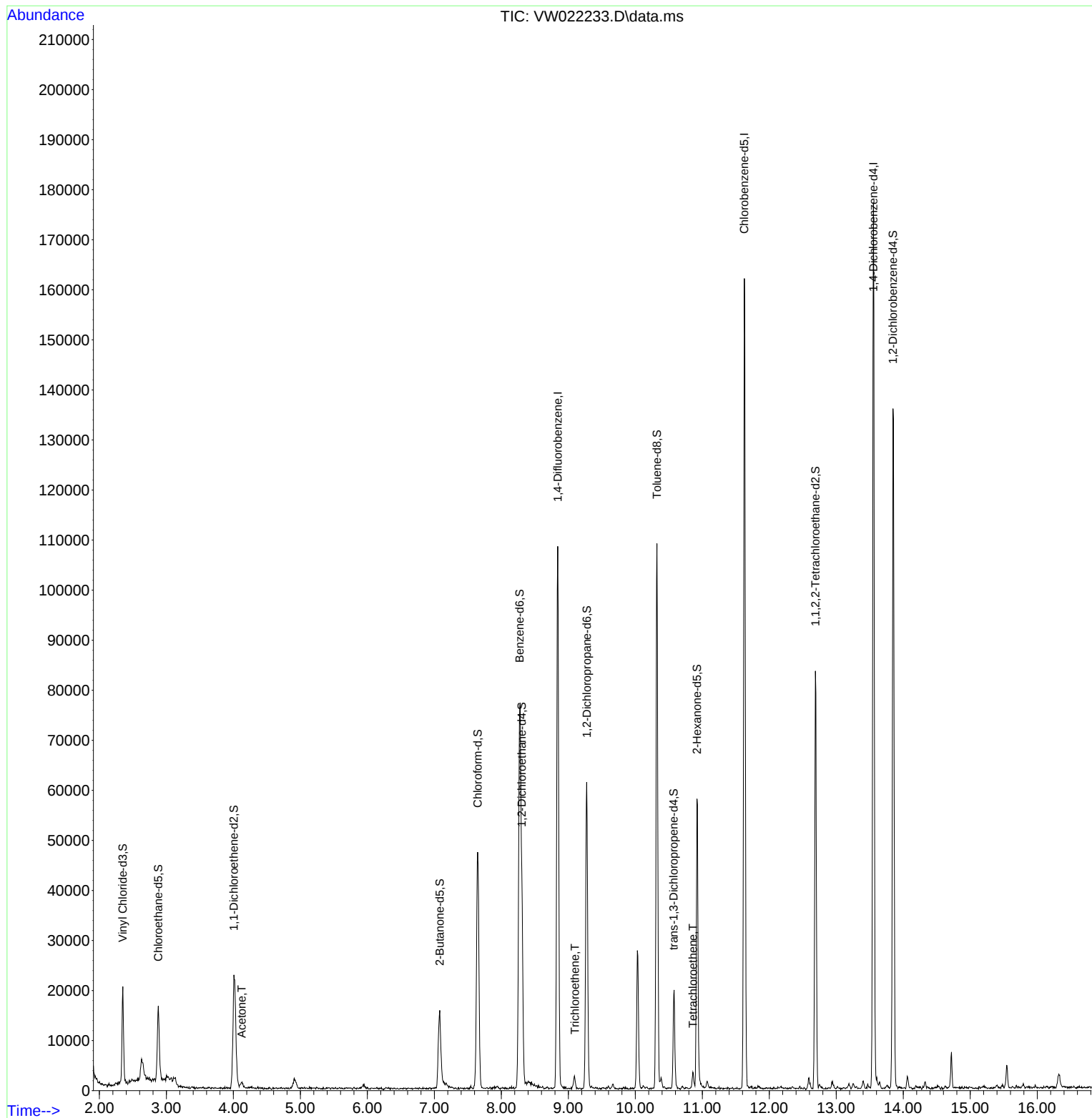
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 93831    | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 93449    | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 47414    | 25.000   | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 17134    | 14.000   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 56.000%   |
| 7) Chloroethane-d5            | 2.879  | 69    | 16022    | 16.639   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 66.560%   |
| 11) 1,1-Dichloroethene-d2     | 4.007  | 63    | 20770    | 11.082   | ug/L   | -0.01     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 44.320%#  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 24322    | 118.199  | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 236.400%# |
| 24) Chloroform-d              | 7.647  | 84    | 48748    | 23.285   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 93.160%   |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 28853    | 26.514   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 106.040%  |
| 32) Benzene-d6                | 8.275  | 84    | 81423    | 18.722   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 74.880%   |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 26804    | 22.193   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 88.760%   |
| 41) Toluene-d8                | 10.323 | 98    | 72804    | 16.838   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 67.360%   |
| 43) trans-1,3-Dichloroprop... | 10.573 | 79    | 10448    | 19.510   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 78.040%   |
| 47) 2-Hexanone-d5             | 10.921 | 63    | 19422    | 97.771   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 195.540%# |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 37731    | 35.596   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 142.400%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.847 | 152   | 37301    | 24.493   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 97.960%   |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 13) Acetone                   | 4.123  | 43    | 1895     | 11.275   | ug/L   | 63        |
| 34) Trichloroethene           | 9.098  | 95    | 699      | 0.540    | ug/L # | 59        |
| 46) Tetrachloroethene         | 10.860 | 164   | 568      | 0.501    | ug/L   | 84        |
| -----                         |        |       |          |          |        |           |

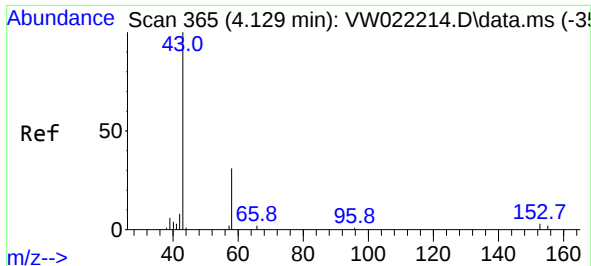
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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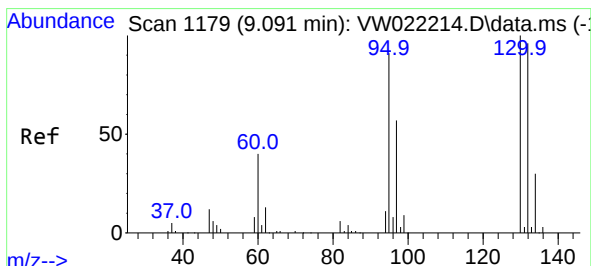
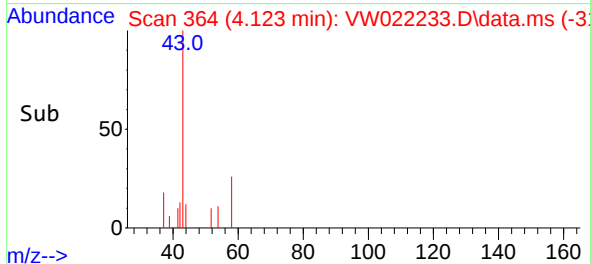
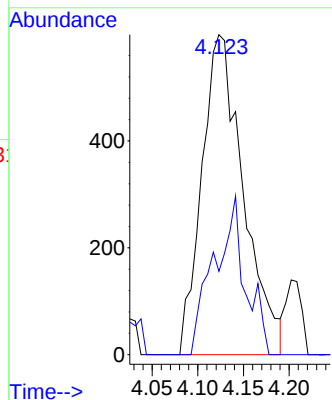
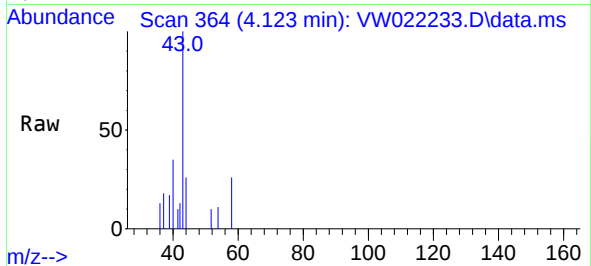




#13  
Acetone  
Concen: 11.275 ug/L  
RT: 4.123 min Scan# 30  
Delta R.T. -0.006 min  
Lab File: VW022233.D  
Acq: 08 Mar 2022 17:14

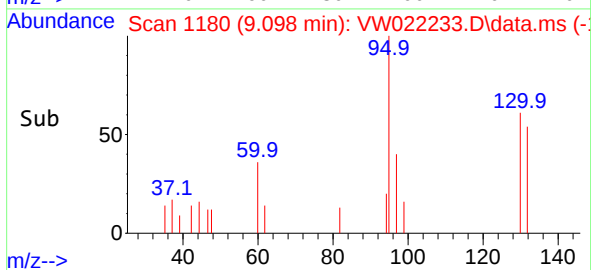
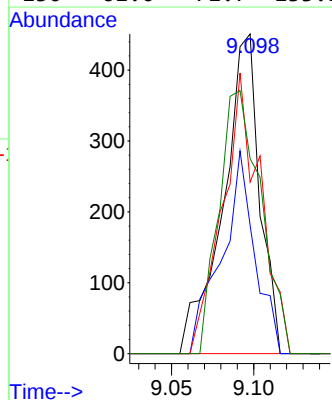
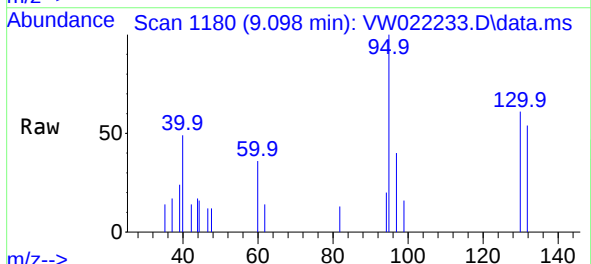
Instrument :  
MSVOA\_W  
ClientSampleId :  
DBSD5

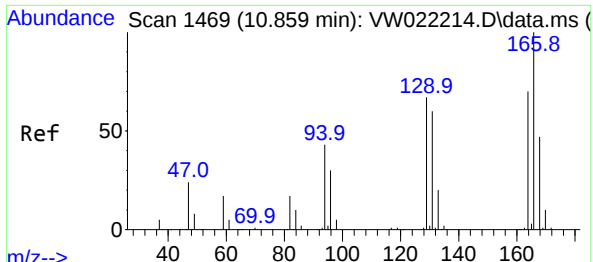
Tgt Ion: 43 Resp: 1895  
Ion Ratio Lower Upper  
43 100  
58 13.5 0.0 69.2



#34  
Trichloroethene  
Concen: 0.540 ug/L  
RT: 9.098 min Scan# 1180  
Delta R.T. 0.006 min  
Lab File: VW022233.D  
Acq: 08 Mar 2022 17:14

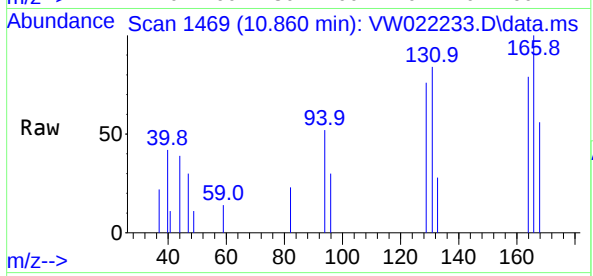
Tgt Ion: 95 Resp: 699  
Ion Ratio Lower Upper  
95 100  
97 40.1 44.4 82.4#  
132 53.7 71.7 133.1#  
130 61.0 71.7 133.1#





#46  
 Tetrachloroethene  
 Concen: 0.501 ug/L  
 RT: 10.860 min Scan# 14  
 Delta R.T. 0.000 min  
 Lab File: VW022233.D  
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Tgt Ion:164 Resp: 568

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 95.7  | 60.3  | 111.9 |
| 131 | 106.2 | 59.9  | 111.3 |
| 166 | 126.1 | 77.0  | 143.0 |

