

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW091924\  
 Data File : VW030156.D  
 Acq On : 19 Sep 2024 18:33  
 Operator : SY/MD  
 Sample : P4109-02  
 Misc : 4.69g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A4EH5

Quant Time: Sep 20 01:32:56 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM091624SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Sep 20 01:21:33 2024  
 Response via : Initial Calibration

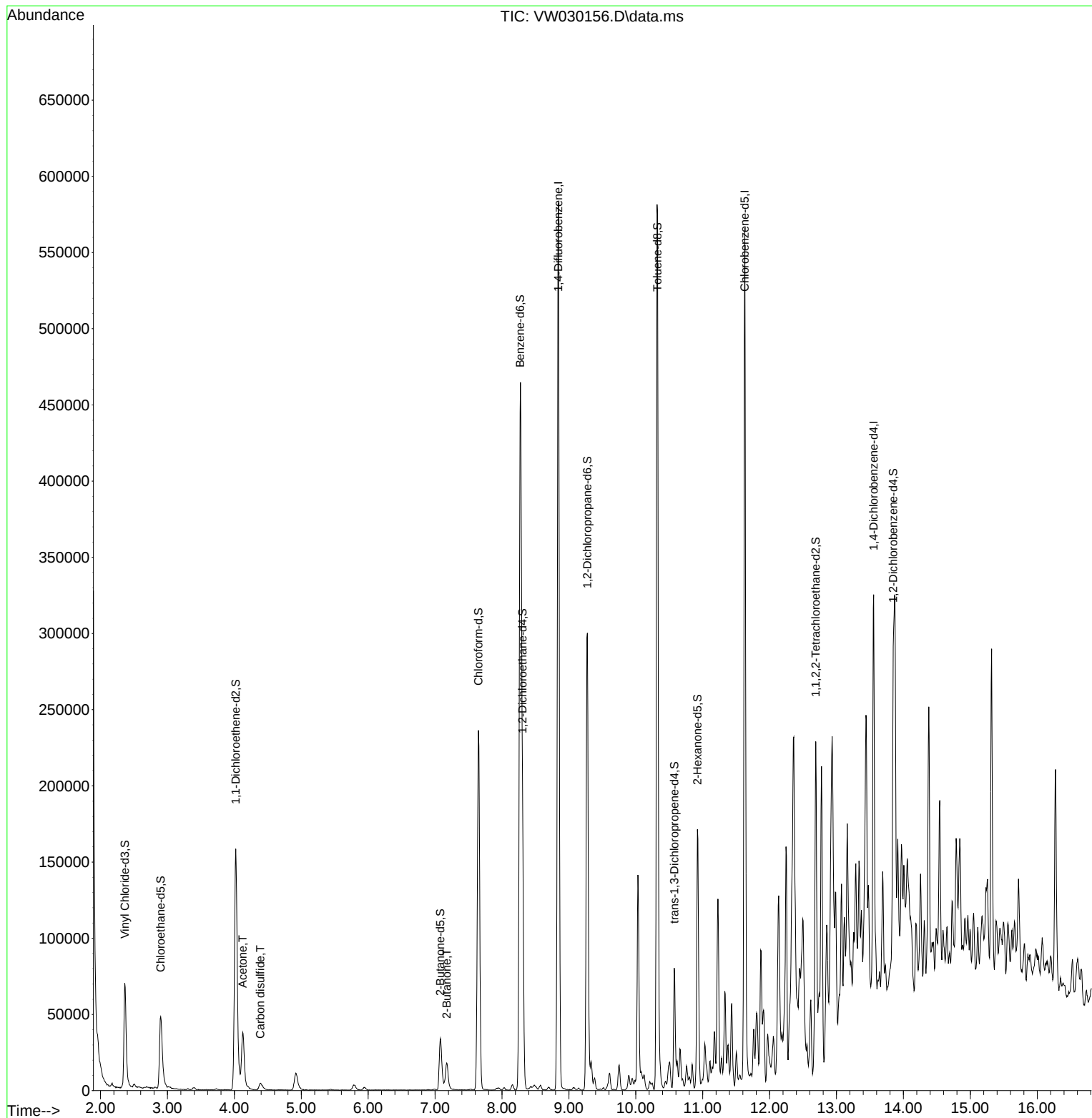
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 496554   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 312276   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 73708    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 101999   | 15.906   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 63.640%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 80339    | 17.746   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 71.000%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 54519    | 17.016   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 68.080%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 57407    | 36.972   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 73.940%  |
| 24) Chloroform-d              | 7.648  | 84    | 249921   | 18.305   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 73.240%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 127949   | 18.662   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 74.640%  |
| 32) Benzene-d6                | 8.270  | 84    | 501090   | 27.854   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 111.400% |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 150922   | 27.172   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 108.680% |
| 41) Toluene-d8                | 10.325 | 98    | 375286   | 23.279   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 93.120%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 45480    | 20.438   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 81.760%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 48417    | 56.965   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 113.940% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 83868    | 20.281   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 81.120%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 48155    | 19.246   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 77.000%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.125  | 43    | 62801    | 35.253   | ug/L   | 97       |
| 14) Carbon disulfide          | 4.387  | 76    | 9621     | 0.571    | ug/L   | 95       |
| 22) 2-Butanone                | 7.173  | 43    | 28061    | 13.307   | ug/L   | 99       |
| -----                         |        |       |          |          |        |          |

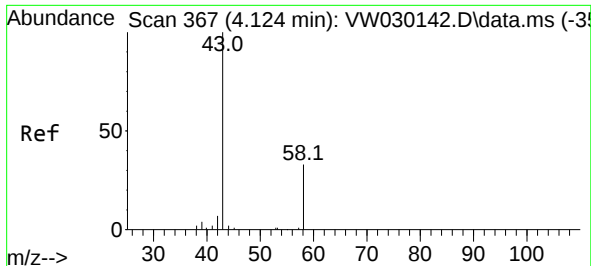
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 35.253 ug/L

RT: 4.125 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW030156.D

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Instrument :

MSVOA\_W

ClientSampleId :

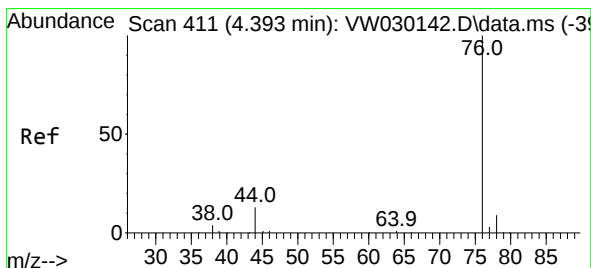
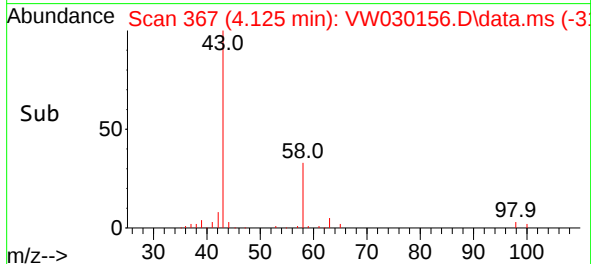
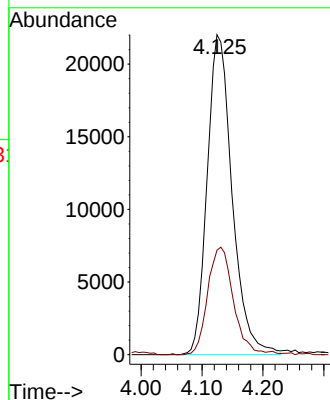
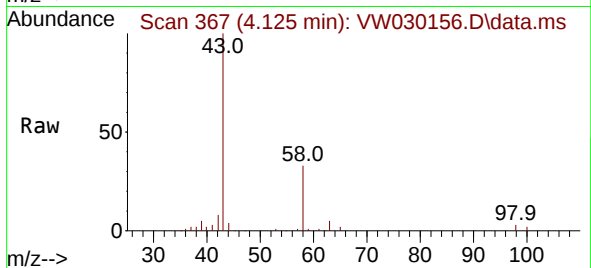
A4EH5

Tgt Ion: 43 Resp: 62801

Ion Ratio Lower Upper

43 100

58 34.3 0.0 65.0



#14

Carbon disulfide

Concen: 0.571 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.006 min

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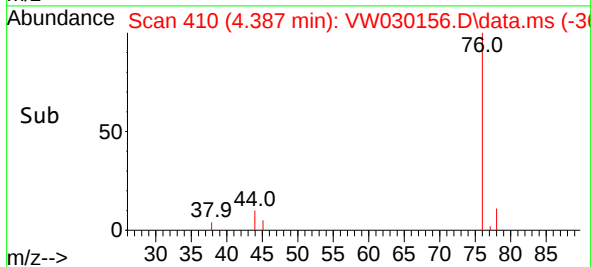
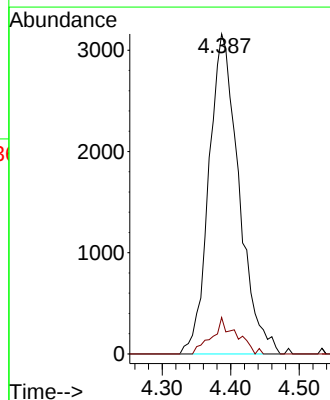
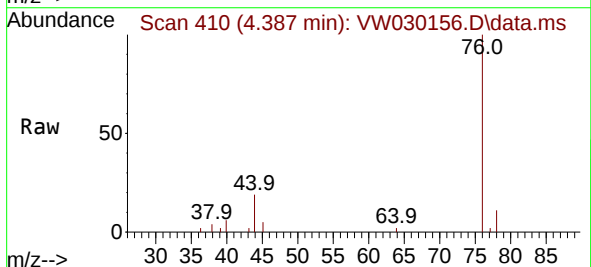
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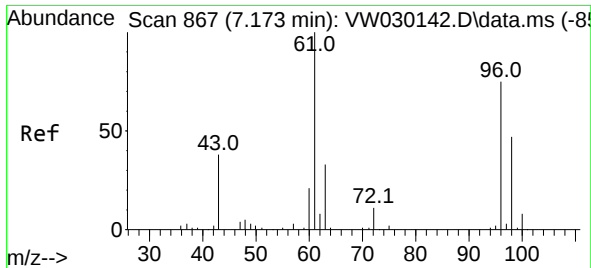
Tgt Ion: 76 Resp: 9621

Ion Ratio Lower Upper

76 100

78 11.4 7.6 11.4





#22  
 2-Butanone  
 Concen: 13.307 ug/L  
 RT: 7.173 min Scan# 80  
 Delta R.T. 0.000 min  
 Lab File: VW030156.D  
 Acq: 19 Sep 2024 18:33

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A4EH5

Tgt Ion: 43 Resp: 28061  
 Ion Ratio Lower Upper  
 43 100  
 72 28.3 13.9 41.7

