

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW020521\  
 Data File : VW018030.D  
 Acq On : 05 Feb 2021 11:25  
 Operator : SY/VA  
 Sample : VW0205SBL01  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK01

Manual Integrations  
 APPROVED

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 2/9/2021 1:33:16 PM

Quant Time: Feb 06 01:06:55 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Feb 06 01:06:17 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|--------|--------|----------|
| -----                         |                |      |            |        |        |          |
| Internal Standards            |                |      |            |        |        |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 452247     | 25.00  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628         | 117  | 406280     | 25.00  | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.554         | 152  | 209716     | 25.00  | ug/L   | 0.00     |
|                               |                |      |            |        |        |          |
| System Monitoring Compounds   |                |      |            |        |        |          |
| 4) Vinyl Chloride-d3          | 2.361          | 65   | 106792     | 19.00  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 76.00% |        |          |
| 7) Chloroethane-d5            | 2.891          | 69   | 86417      | 19.37  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 77.48% |        |          |
| 10) 1,1-Dichloroethene-d2     | 4.025          | 63   | 167677     | 14.92  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 59.68% |        |          |
| 20) 2-Butanone-d5             | 7.080          | 46   | 47869      | 31.91  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 63.82% |        |          |
| 24) Chloroform-d              | 7.647          | 84   | 244166     | 20.57  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 82.28% |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 124093     | 19.63  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 78.52% |        |          |
| 29) Benzene-d6                | 8.275          | 84   | 493708     | 22.13  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 88.52% |        |          |
| 33) 1,2-Dichloropropane-d6    | 9.274          | 67   | 136058     | 21.81  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 87.24% |        |          |
| 37) Toluene-d8                | 10.323         | 98   | 473811     | 22.32  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 89.28% |        |          |
| 38) trans-1,3-Dichloroprop... | 10.579         | 79   | 57947      | 20.49  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 81.96% |        |          |
| 39) 2-Hexanone-d5             | 10.927         | 63   | 40077      | 33.60  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 67.20% |        |          |
| 48) 1,1,2,2-Tetrachloroeth... | 12.688         | 84   | 100389     | 18.32  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 73.28% |        |          |
| 61) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 167648     | 22.41  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 89.64% |        |          |
|                               |                |      |            |        |        |          |
| Target Compounds              |                |      |            |        | Qvalue |          |
| 13) Acetone                   | 4.135          | 43   | 1465m      | 1.32   | ug/L   |          |
| 16) Methylene chloride        | 4.928          | 84   | 5959       | 0.82   | ug/L   | 89       |
| -----                         |                |      |            |        |        |          |

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

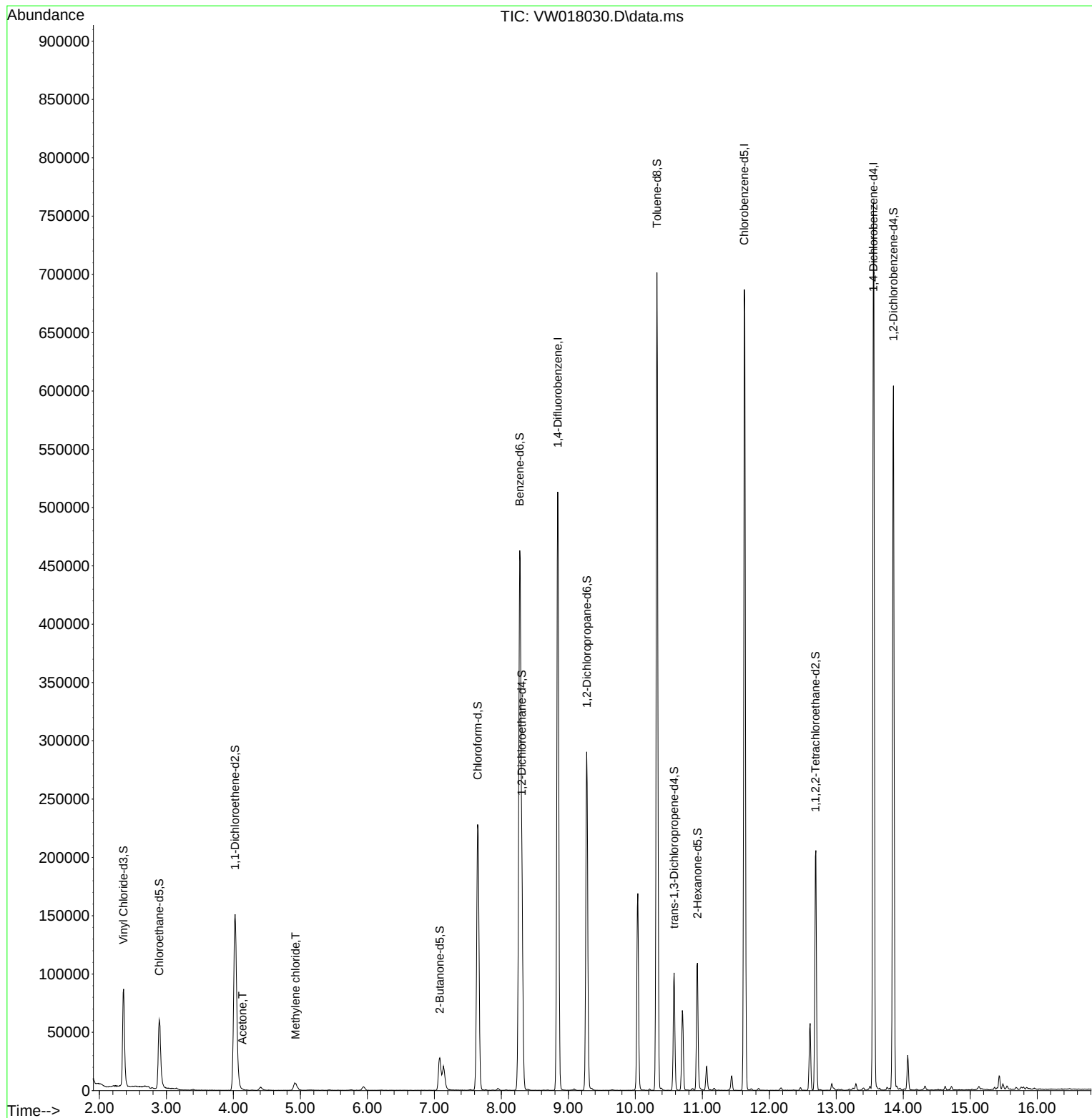
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW020521\  
Data File : VW018030.D  
Acq On : 05 Feb 2021 11:25  
Operator : SY/VA  
Sample : VW0205SBL01  
Misc : 5.00G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

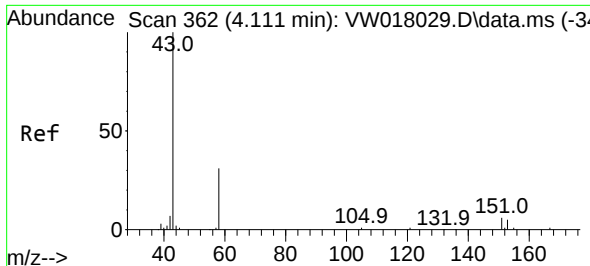
Instrument :  
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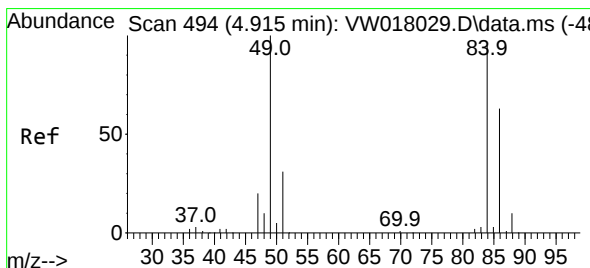
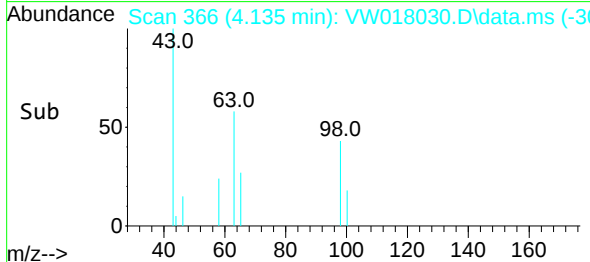
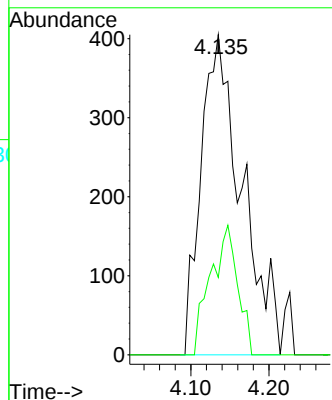
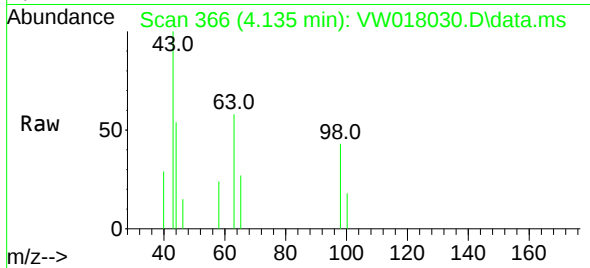
Quant Time: Feb 06 01:06:55 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M  
Quant Title : VOC Analysis  
QLast Update : Sat Feb 06 01:06:17 2021  
Response via : Initial Calibration





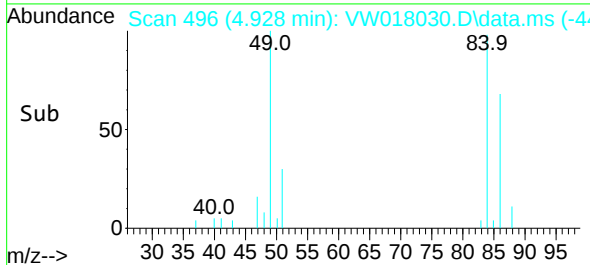
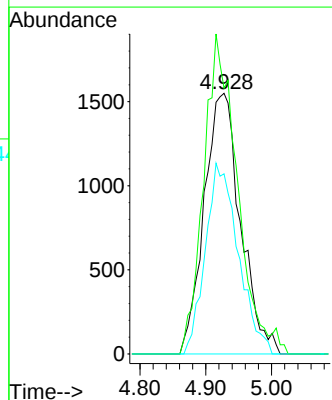
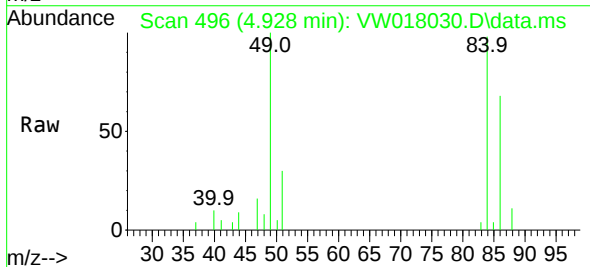
#13  
Acetone  
Concen: 1.32 ug/L m  
RT: 4.135 min Scan# 366  
Delta R.T. 0.025 min  
Lab File: VW018030.D  
Acq: 05 Feb 2021 11:25

Tgt Ion: 43 Resp: 1465  
Ion Ratio Lower Upper  
43 100  
58 11.2 0.0 68.4



#16  
Methylene chloride  
Concen: 0.82 ug/L  
RT: 4.928 min Scan# 496  
Delta R.T. 0.012 min  
Lab File: VW018030.D  
Acq: 05 Feb 2021 11:25

Tgt Ion: 84 Resp: 5959  
Ion Ratio Lower Upper  
84 100  
49 102.0 81.2 150.8  
86 69.1 44.5 82.7



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