

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW032421\  
 Data File : VW018444.D  
 Acq On : 24 Mar 2021 15:53  
 Operator : SY/VA  
 Sample : M1784-14  
 Misc : 4.62G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BG4X6

Quant Time: Mar 25 01:26:08 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Mar 25 01:23:35 2021  
 Response via : Initial Calibration

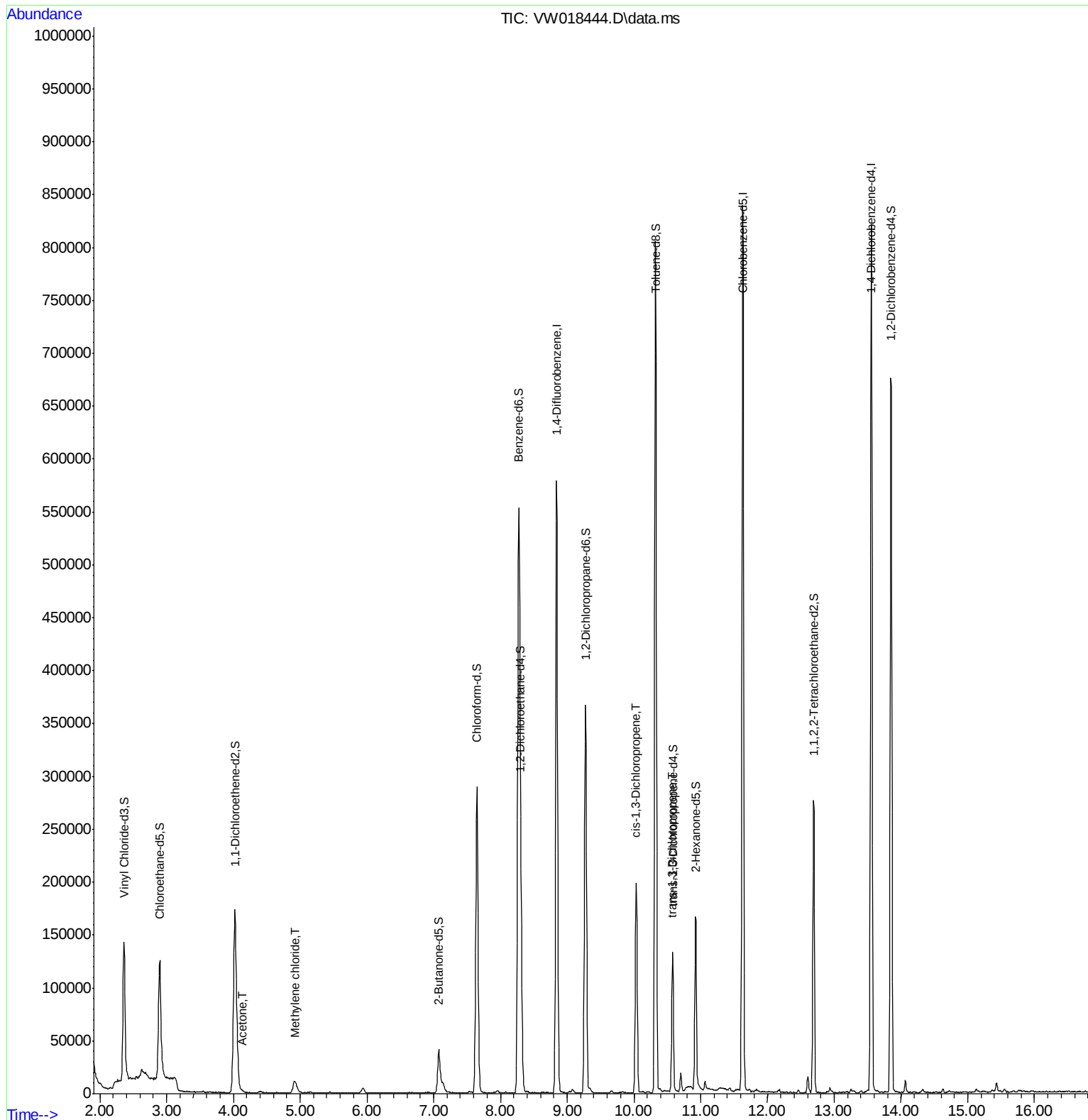
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 487831   | 25.00    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 438670   | 25.00    | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 201761   | 25.00    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 172854   | 25.46    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 101.84%  |
| 7) Chloroethane-d5            | 2.892  | 69    | 160443   | 27.00    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 108.00%  |
| 10) 1,1-Dichloroethene-d2     | 4.026  | 63    | 199566   | 17.03    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 68.12%   |
| 20) 2-Butanone-d5             | 7.074  | 46    | 66886    | 44.26    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 88.52%   |
| 24) Chloroform-d              | 7.647  | 84    | 286492   | 23.06    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 92.24%   |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 166672   | 22.98    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 91.92%   |
| 29) Benzene-d6                | 8.275  | 84    | 556145   | 23.85    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 95.40%   |
| 33) 1,2-Dichloropropane-d6    | 9.275  | 67    | 160744   | 23.90    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 95.60%   |
| 37) Toluene-d8                | 10.323 | 98    | 518509   | 23.09    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 92.36%   |
| 38) trans-1,3-Dichloroprop... | 10.579 | 79    | 68735    | 19.81    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 79.24%   |
| 39) 2-Hexanone-d5             | 10.921 | 63    | 56445    | 42.88    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 85.76%   |
| 48) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 130828   | 21.74    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 86.96%   |
| 61) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 170278   | 23.74    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 94.96%   |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 13) Acetone                   | 4.129  | 43    | 514      | 0.47     | ug/L   | 46       |
| 16) Methylene chloride        | 4.922  | 84    | 9916     | 1.24     | ug/L   | 87       |
| 42) cis-1,3-Dichloropropene   | 10.031 | 75    | 5954     | 0.57     | ug/L # | 58       |
| 45) trans-1,3-Dichloropropene | 10.573 | 75    | 4051     | 0.43     | ug/L # | 68       |
| -----                         |        |       |          |          |        |          |

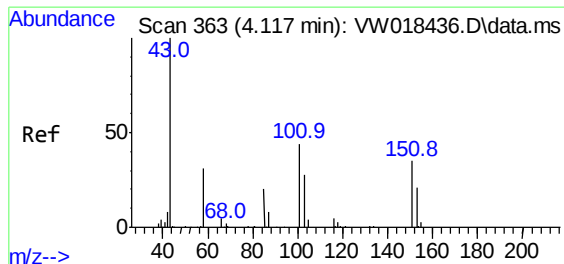
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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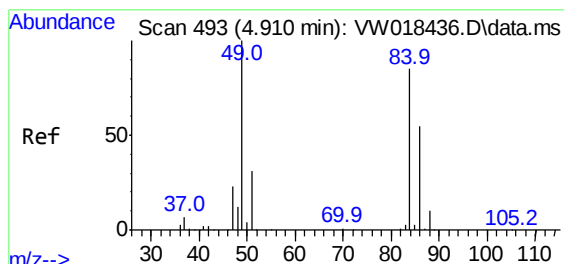
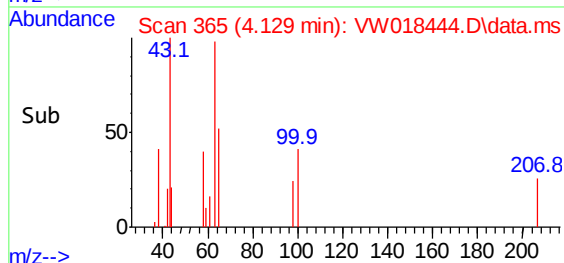
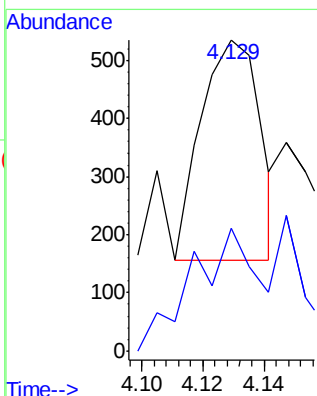
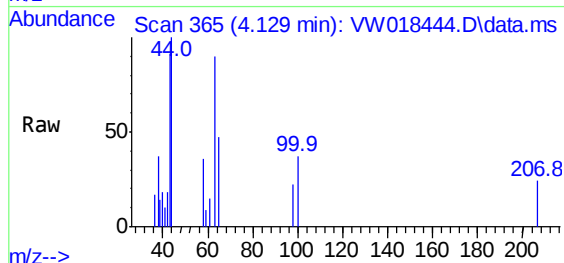




#13  
Acetone  
Concen: 0.47 ug/L  
RT: 4.129 min Scan# 365  
Delta R.T. 0.012 min  
Lab File: VW018444.D  
Acq: 24 Mar 2021 15:53

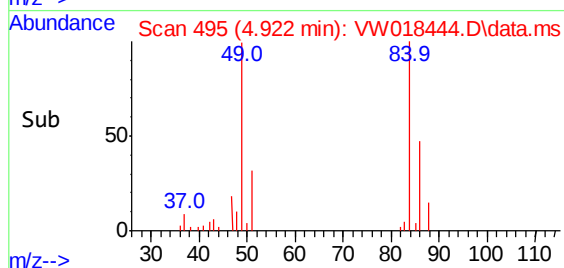
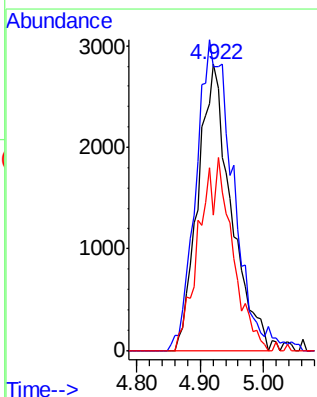
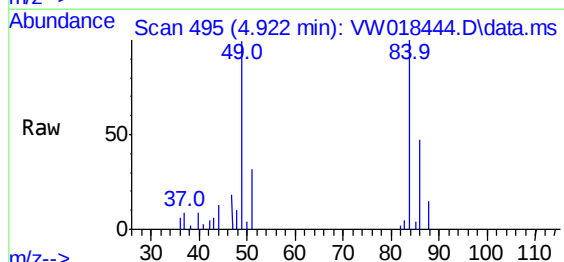
Instrument :  
MSVOA\_W  
ClientSampled :  
BG4X6

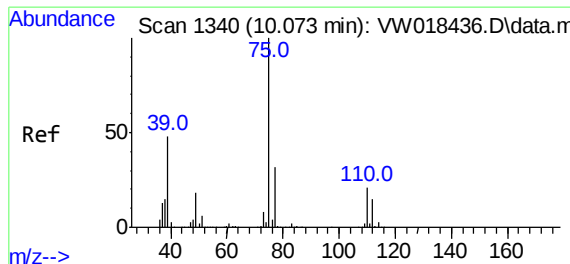
Tgt Ion: 43 Resp: 514  
Ion Ratio Lower Upper  
43 100  
58 61.1 0.0 62.2



#16  
Methylene chloride  
Concen: 1.24 ug/L  
RT: 4.922 min Scan# 495  
Delta R.T. 0.012 min  
Lab File: VW018444.D  
Acq: 24 Mar 2021 15:53

Tgt Ion: 84 Resp: 9916  
Ion Ratio Lower Upper  
84 100  
49 99.3 74.4 138.2  
86 47.2 46.1 85.7

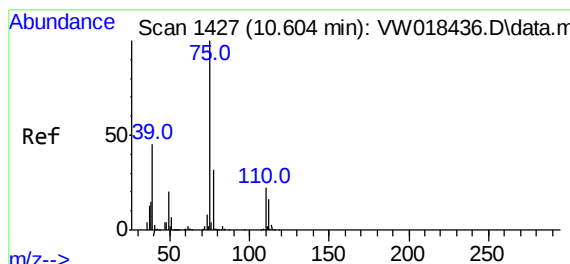
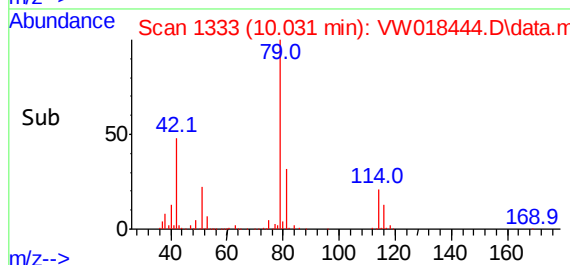
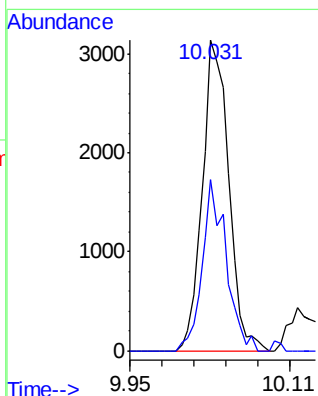
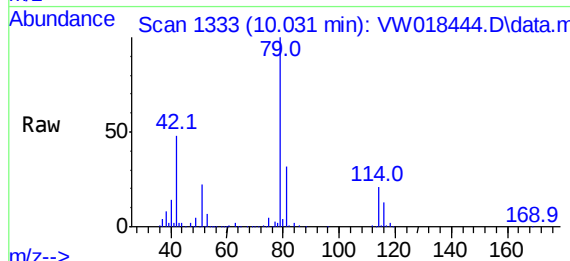




#42  
cis-1,3-Dichloropropene  
Concen: 0.57 ug/L  
RT: 10.031 min Scan# 1333  
Delta R.T. -0.043 min  
Lab File: VW018444.D  
Acq: 24 Mar 2021 15:53

Instrument :  
MSVOA\_W  
ClientSampled :  
BG4X6

Tgt Ion: 75 Resp: 5954  
Ion Ratio Lower Upper  
75 100  
77 55.3 22.4 41.6#



#45  
trans-1,3-Dichloropropene  
Concen: 0.43 ug/L  
RT: 10.573 min Scan# 1422  
Delta R.T. -0.030 min  
Lab File: VW018444.D  
Acq: 24 Mar 2021 15:53

Tgt Ion: 75 Resp: 4051  
Ion Ratio Lower Upper  
75 100  
77 50.0 22.6 42.0#

