

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW032521\  
 Data File : VW018454.D  
 Acq On : 25 Mar 2021 14:00  
 Operator : SY/VA  
 Sample : M1781-13  
 Misc : 5.01G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK01

Quant Time: Mar 26 01:31:35 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 26 01:29:58 2021  
 Response via : Initial Calibration

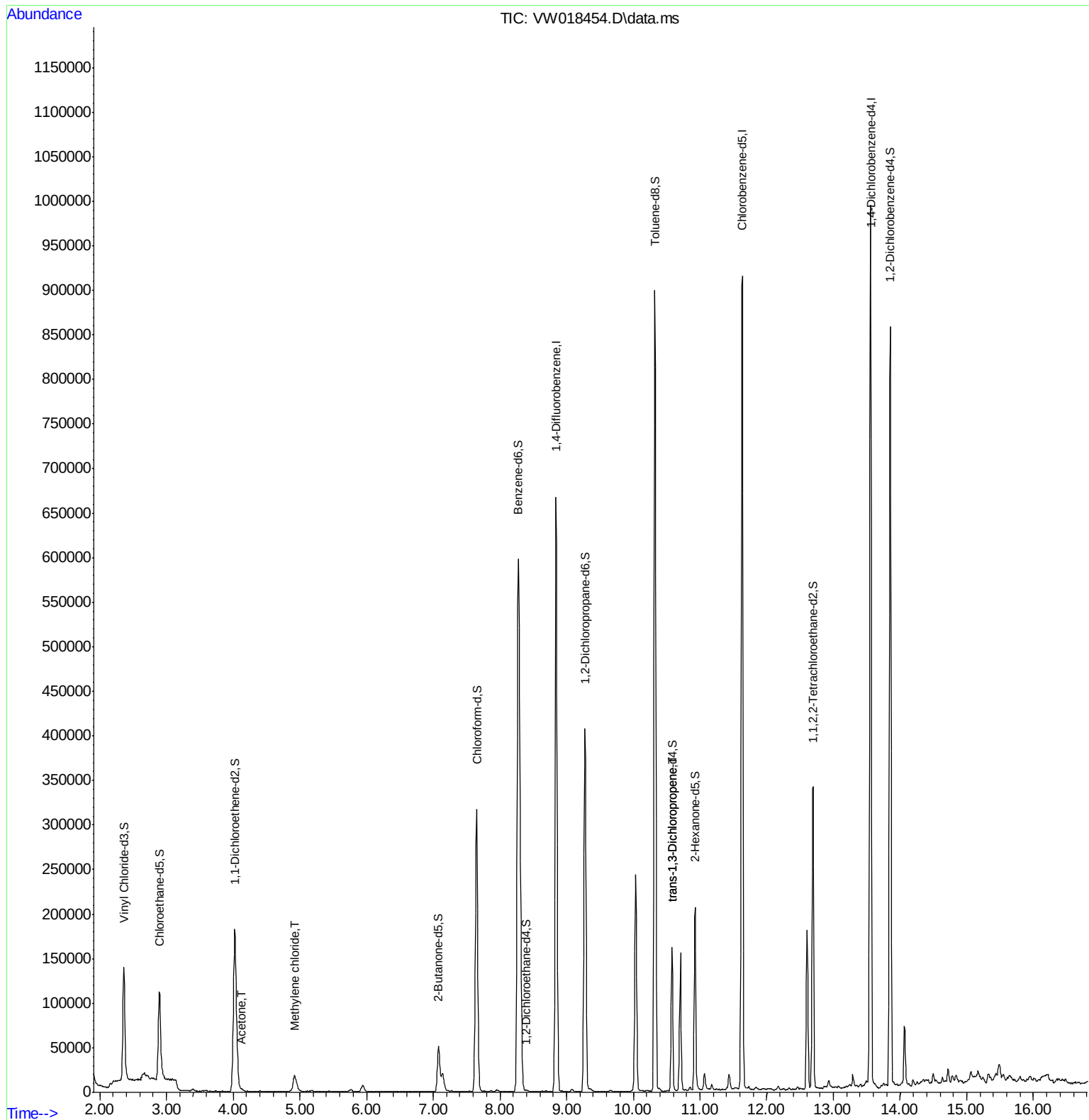
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 553101   | 25.00    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 504020   | 25.00    | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 241453   | 25.00    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 159619   | 20.74    | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 82.96%   |
| 7) Chloroethane-d5            | 2.891  | 69    | 136893   | 20.32    | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 81.28%   |
| 10) 1,1-Dichloroethene-d2     | 4.025  | 63    | 204815   | 15.41    | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 61.64%   |
| 20) 2-Butanone-d5             | 7.080  | 46    | 83434    | 48.69    | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 97.38%   |
| 24) Chloroform-d              | 7.653  | 84    | 322649   | 22.90    | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 91.60%   |
| 26) 1,2-Dichloroethane-d4     | 8.397  | 65    | 341      | 0.04     | ug/L  | 0.09     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 0.16%#   |
| 29) Benzene-d6                | 8.275  | 84    | 625421   | 23.34    | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 93.36%   |
| 33) 1,2-Dichloropropane-d6    | 9.274  | 67    | 184552   | 23.88    | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 95.52%   |
| 37) Toluene-d8                | 10.323 | 98    | 597419   | 23.16    | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 92.64%   |
| 38) trans-1,3-Dichloroprop... | 10.579 | 79    | 86452    | 21.69    | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 86.76%   |
| 39) 2-Hexanone-d5             | 10.927 | 63    | 72330    | 47.82    | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 95.64%   |
| 48) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 164587   | 23.81    | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 95.24%   |
| 61) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 211710   | 24.66    | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 98.64%   |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       |          |
| 13) Acetone                   | 4.123  | 43    | 1138     | 0.92     | ug/L  | 93       |
| 16) Methylene chloride        | 4.922  | 84    | 15188    | 1.67     | ug/L  | 95       |
| 45) trans-1,3-Dichloropropene | 10.579 | 75    | 4941     | 0.46     | ug/L  | 89       |
| -----                         |        |       |          |          |       |          |

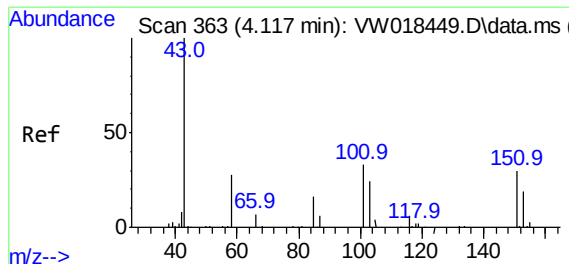
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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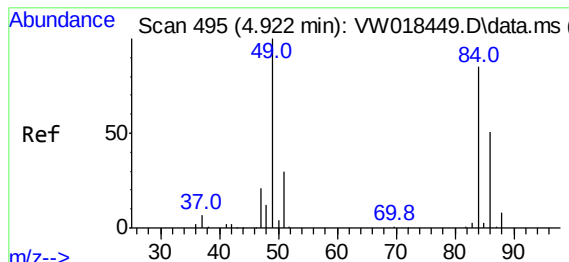
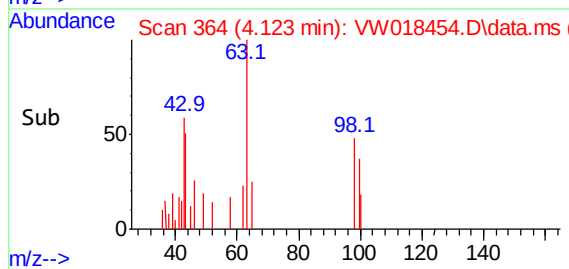
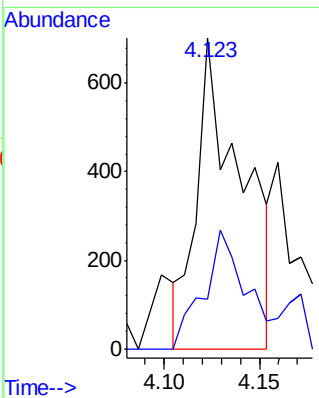
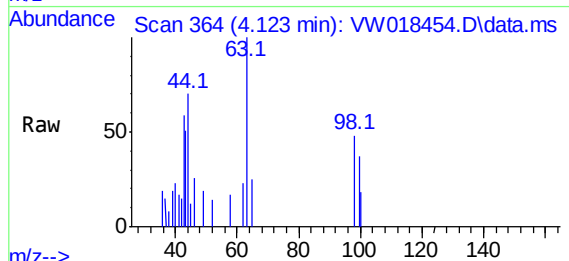




#13  
Acetone  
Concen: 0.92 ug/L  
RT: 4.123 min Scan# 364  
Delta R.T. 0.006 min  
Lab File: VW018454.D  
Acq: 25 Mar 2021 14:00

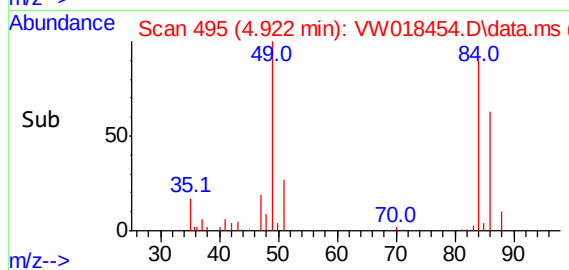
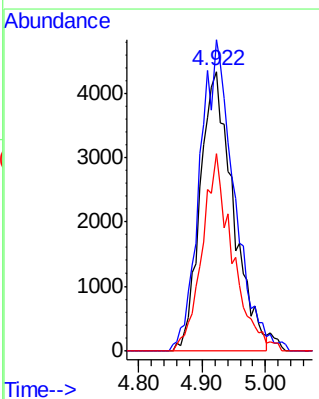
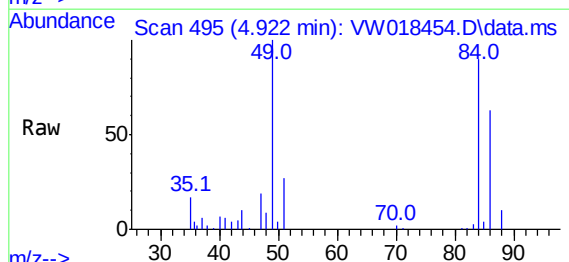
Instrument :  
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VHBLK01

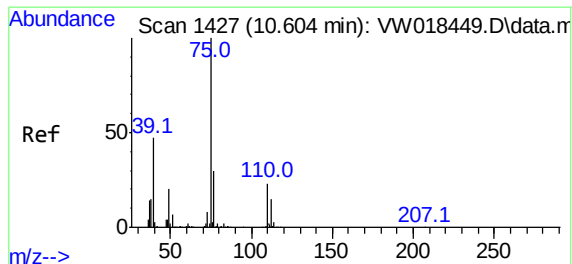
Tgt Ion: 43 Resp: 1138  
Ion Ratio Lower Upper  
43 100  
58 35.1 0.0 62.2



#16  
Methylene chloride  
Concen: 1.67 ug/L  
RT: 4.922 min Scan# 495  
Delta R.T. -0.000 min  
Lab File: VW018454.D  
Acq: 25 Mar 2021 14:00

Tgt Ion: 84 Resp: 15188  
Ion Ratio Lower Upper  
84 100  
49 111.3 74.4 138.2  
86 70.3 46.1 85.7





#45  
 trans-1,3-Dichloropropene  
 Concen: 0.46 ug/L  
 RT: 10.579 min Scan# 1423  
 Delta R.T. -0.024 min  
 Lab File: VW018454.D  
 Acq: 25 Mar 2021 14:00

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK01

Tgt Ion: 75 Resp: 4941  
 Ion Ratio Lower Upper  
 75 100  
 77 38.6 22.6 42.0

