

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW011821\  
 Data File : VW017938.D  
 Acq On : 18 Jan 2021 19:04  
 Operator : SY/VA  
 Sample : M1167-04  
 Misc : 3.79G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFT74

Quant Time: Jan 19 07:00:00 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM011821S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jan 19 06:55:11 2021  
 Response via : Initial Calibration

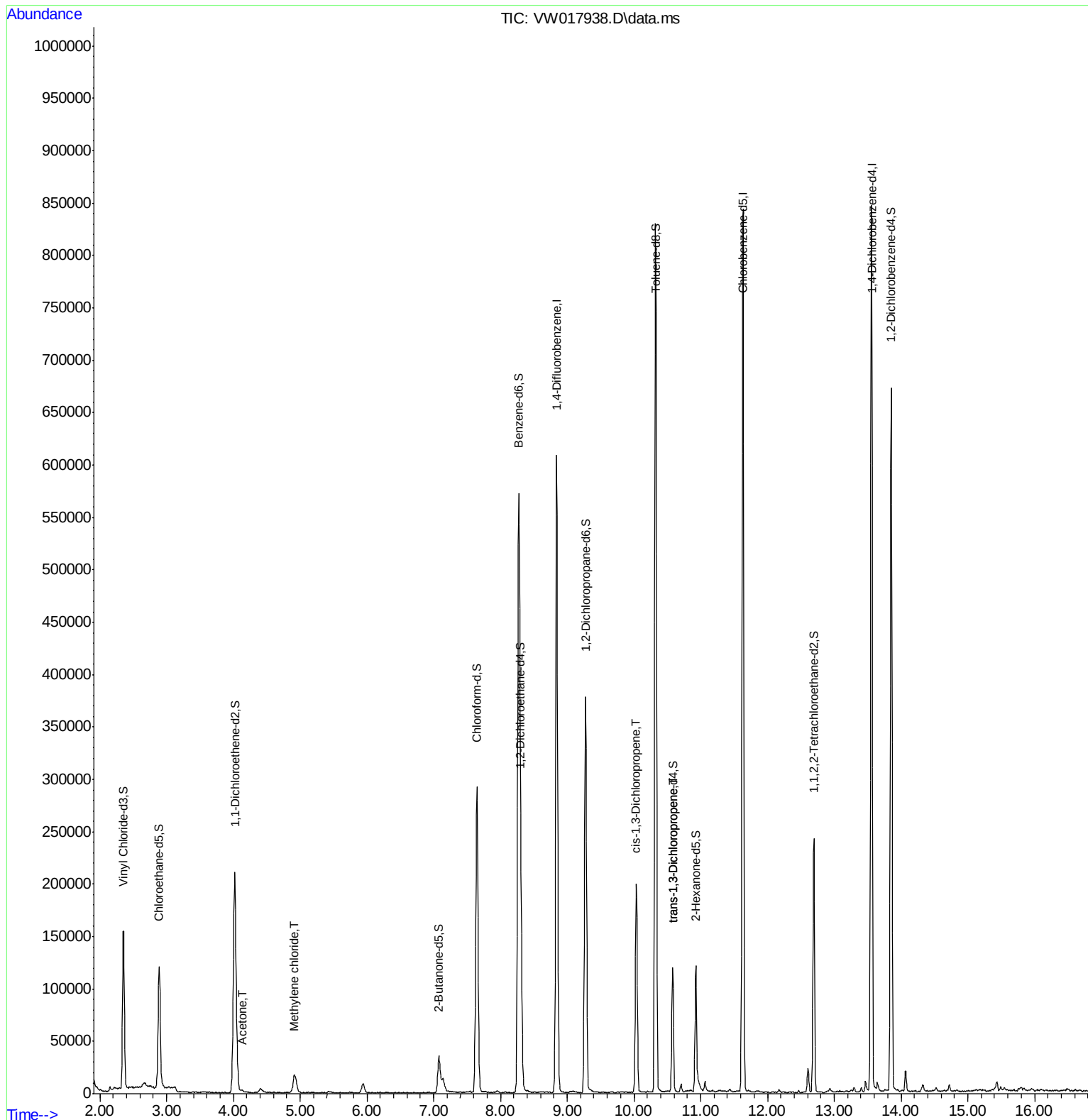
| Compound                      | R.T.           | QIon | Response   | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|--------|--------|----------|
| -----                         |                |      |            |        |        |          |
| Internal Standards            |                |      |            |        |        |          |
| 1) 1,4-Difluorobenzene        | 8.841          | 114  | 509770     | 25.00  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.633         | 117  | 458140     | 25.00  | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 215860     | 25.00  | ug/L   | 0.00     |
|                               |                |      |            |        |        |          |
| System Monitoring Compounds   |                |      |            |        |        |          |
| 4) Vinyl Chloride-d3          | 2.348          | 65   | 161070     | 20.13  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 80.52% |        |          |
| 7) Chloroethane-d5            | 2.885          | 69   | 131319     | 19.88  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 79.52% |        |          |
| 10) 1,1-Dichloroethene-d2     | 4.019          | 63   | 218755     | 15.13  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 60.52% |        |          |
| 20) 2-Butanone-d5             | 7.073          | 46   | 59320      | 30.66  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 61.32% |        |          |
| 24) Chloroform-d              | 7.646          | 84   | 287404     | 20.66  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 82.64% |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 156934     | 19.94  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 79.76% |        |          |
| 29) Benzene-d6                | 8.274          | 84   | 576803     | 22.00  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 88.00% |        |          |
| 33) 1,2-Dichloropropane-d6    | 9.274          | 67   | 160983     | 21.57  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 86.28% |        |          |
| 37) Toluene-d8                | 10.323         | 98   | 540198     | 21.94  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 87.76% |        |          |
| 38) trans-1,3-Dichloroprop... | 10.579         | 79   | 62105      | 18.22  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 72.88% |        |          |
| 39) 2-Hexanone-d5             | 10.926         | 63   | 42897      | 32.07  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 64.14% |        |          |
| 48) 1,1,2,2-Tetrachloroeth... | 12.694         | 84   | 111859     | 16.86  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 67.44% |        |          |
| 61) 1,2-Dichlorobenzene-d4    | 13.852         | 152  | 166026     | 22.11  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 88.44% |        |          |
|                               |                |      |            |        |        |          |
| Target Compounds              |                |      |            |        |        |          |
| 13) Acetone                   | 4.129          | 43   | 2691       | 1.97   | ug/L   | 83       |
| 16) Methylene chloride        | 4.909          | 84   | 13916      | 1.88   | ug/L   | 92       |
| 42) cis-1,3-Dichloropropene   | 10.030         | 75   | 5996       | 0.58   | ug/L # | 79       |
| 45) trans-1,3-Dichloropropene | 10.579         | 75   | 3486       | 0.38   | ug/L   | 91       |
| -----                         |                |      |            |        |        |          |

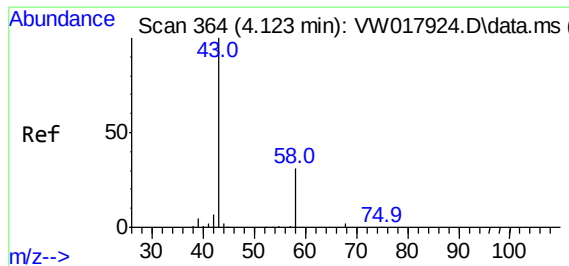
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW011821\  
Data File : VW017938.D  
Acq On : 18 Jan 2021 19:04  
Operator : SY/VA  
Sample : M1167-04  
Misc : 3.79G/10ML/MSVOA\_W/SOIL  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFT74

Quant Time: Jan 19 07:00:00 2021  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM011821S.M  
Quant Title : VOC Analysis  
QLast Update : Tue Jan 19 06:55:11 2021  
Response via : Initial Calibration

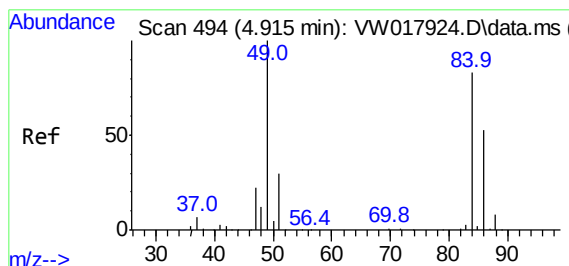
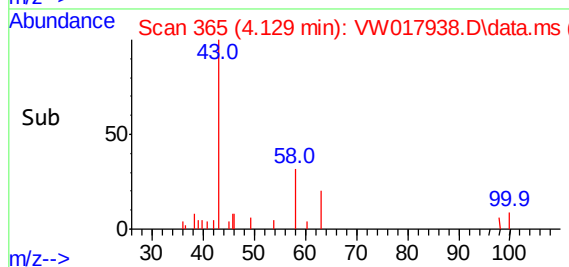
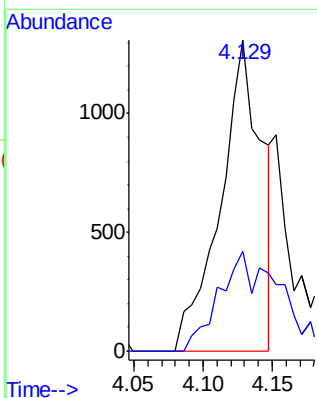
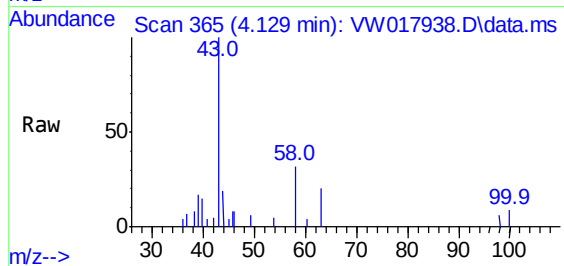




#13  
Acetone  
Concen: 1.97 ug/L  
RT: 4.129 min Scan# 365  
Delta R.T. 0.006 min  
Lab File: VW017938.D  
Acq: 18 Jan 2021 19:04

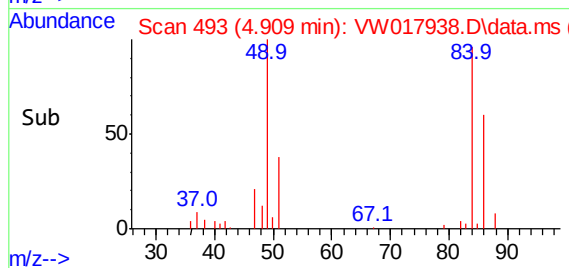
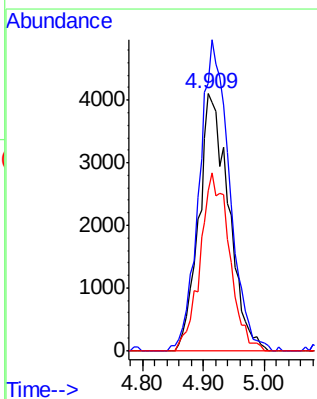
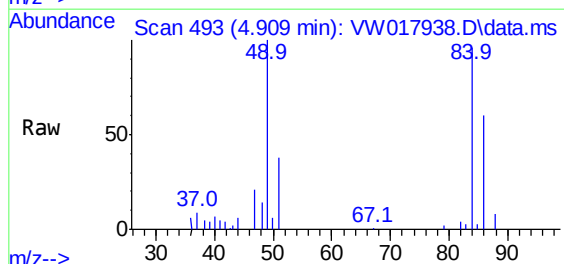
Instrument :  
MSVOA\_W  
ClientSampled :  
BFT74

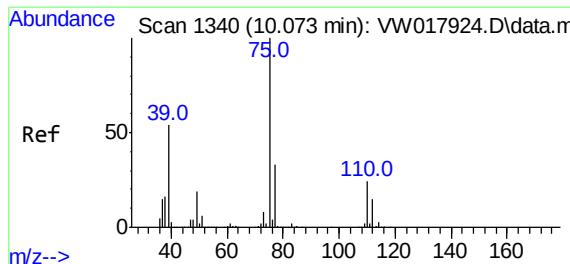
Tgt Ion: 43 Resp: 2691  
Ion Ratio Lower Upper  
43 100  
58 24.5 0.0 68.4



#16  
Methylene chloride  
Concen: 1.88 ug/L  
RT: 4.909 min Scan# 493  
Delta R.T. -0.006 min  
Lab File: VW017938.D  
Acq: 18 Jan 2021 19:04

Tgt Ion: 84 Resp: 13916  
Ion Ratio Lower Upper  
84 100  
49 104.0 81.2 150.8  
86 62.3 44.5 82.7

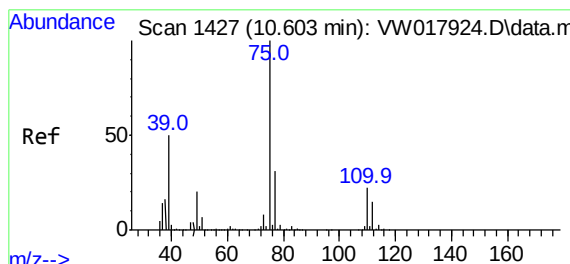
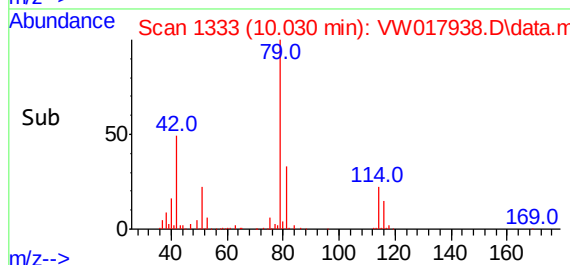
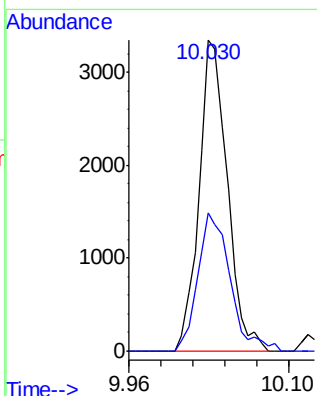
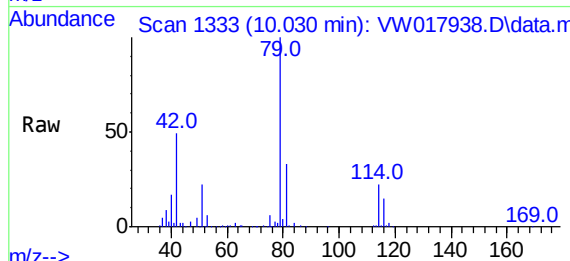




#42  
cis-1,3-Dichloropropene  
Concen: 0.58 ug/L  
RT: 10.030 min Scan# 1333  
Delta R.T. -0.043 min  
Lab File: VW017938.D  
Acq: 18 Jan 2021 19:04

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFT74

Tgt Ion: 75 Resp: 5996  
Ion Ratio Lower Upper  
75 100  
77 44.5 22.7 42.3#



#45  
trans-1,3-Dichloropropene  
Concen: 0.38 ug/L  
RT: 10.579 min Scan# 1423  
Delta R.T. -0.025 min  
Lab File: VW017938.D  
Acq: 18 Jan 2021 19:04

Tgt Ion: 75 Resp: 3486  
Ion Ratio Lower Upper  
75 100  
77 37.5 22.6 42.0

