

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW021721\  
 Data File : VW018177.D  
 Acq On : 17 Feb 2021 11:07  
 Operator : SY/VA  
 Sample : VW0217SBL01  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Feb 18 06:16:08 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Feb 18 06:15:22 2021  
 Response via : Initial Calibration

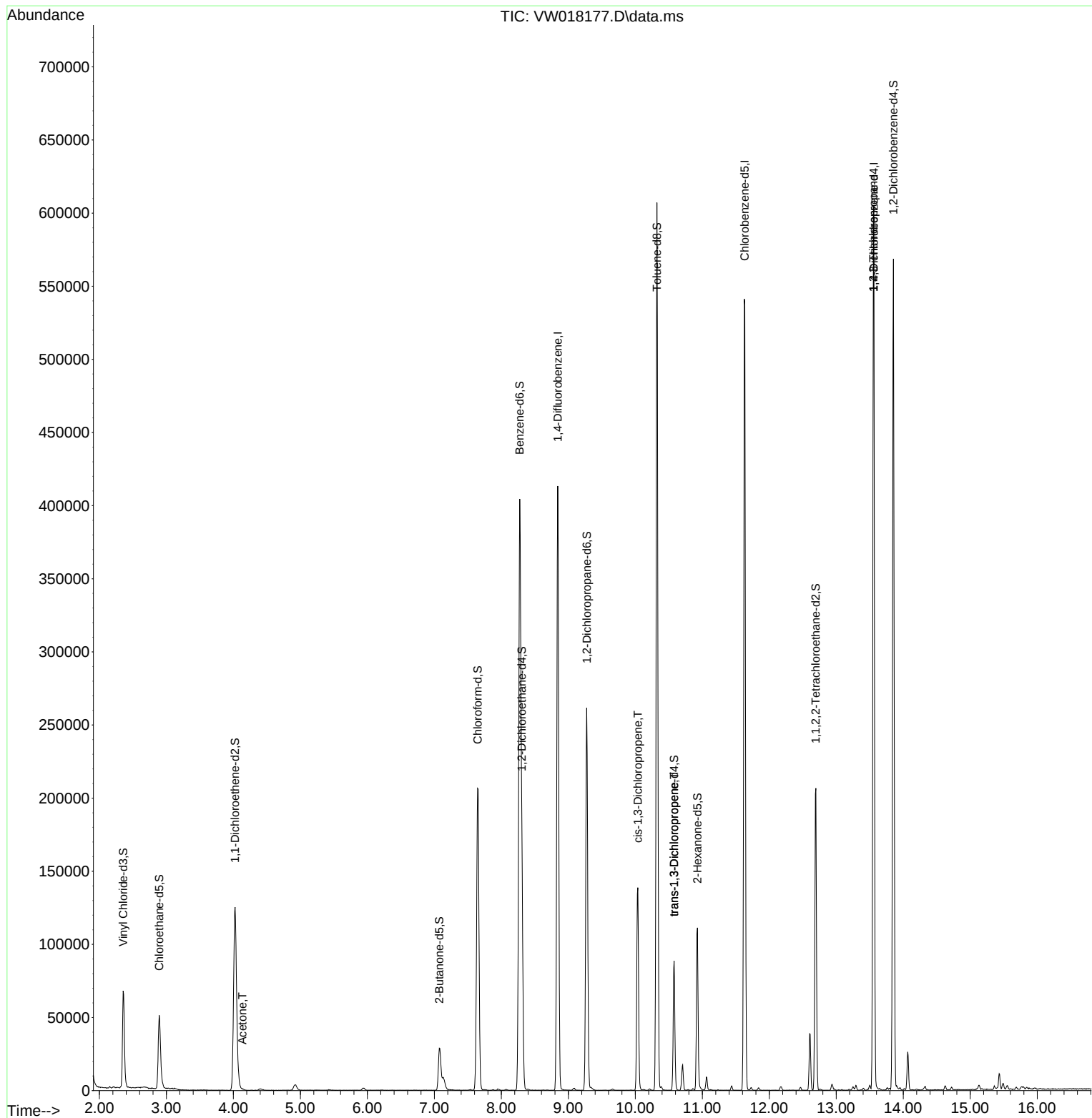
| Compound                      | R.T.           | QIon | Response   | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|--------|--------|----------|
| -----                         |                |      |            |        |        |          |
| Internal Standards            |                |      |            |        |        |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 369043     | 25.00  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 335376     | 25.00  | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 176178     | 25.00  | ug/L   | 0.00     |
|                               |                |      |            |        |        |          |
| System Monitoring Compounds   |                |      |            |        |        |          |
| 4) Vinyl Chloride-d3          | 2.355          | 65   | 82303      | 17.94  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 71.76% |        |          |
| 7) Chloroethane-d5            | 2.891          | 69   | 72155      | 19.82  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 79.28% |        |          |
| 10) 1,1-Dichloroethene-d2     | 4.025          | 63   | 137112     | 14.95  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 59.80% |        |          |
| 20) 2-Butanone-d5             | 7.074          | 46   | 48943      | 39.99  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 79.98% |        |          |
| 24) Chloroform-d              | 7.647          | 84   | 221298     | 22.85  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 91.40% |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 113870     | 22.07  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 88.28% |        |          |
| 29) Benzene-d6                | 8.275          | 84   | 433543     | 23.54  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 94.16% |        |          |
| 33) 1,2-Dichloropropane-d6    | 9.274          | 67   | 123145     | 23.91  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 95.64% |        |          |
| 37) Toluene-d8                | 10.323         | 98   | 414811     | 23.67  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 94.68% |        |          |
| 38) trans-1,3-Dichloroprop... | 10.579         | 79   | 51713      | 22.15  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 88.60% |        |          |
| 39) 2-Hexanone-d5             | 10.927         | 63   | 41484      | 42.13  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 84.26% |        |          |
| 48) 1,1,2,2-Tetrachloroeth... | 12.695         | 84   | 103575     | 22.89  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 91.56% |        |          |
| 61) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 155481     | 24.74  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 98.96% |        |          |
|                               |                |      |            |        |        |          |
| Target Compounds              |                |      |            |        | Qvalue |          |
| 13) Acetone                   | 4.135          | 43   | 859        | 0.95   | ug/L   | 65       |
| 42) cis-1,3-Dichloropropene   | 10.037         | 75   | 3562       | 0.49   | ug/L # | 77       |
| 45) trans-1,3-Dichloropropene | 10.579         | 75   | 2419       | 0.38   | ug/L   | 100      |
| 59) 1,2,3-Trichloropropane    | 13.554         | 75   | 17913      | 5.21   | ug/L   | 99       |
| -----                         |                |      |            |        |        |          |

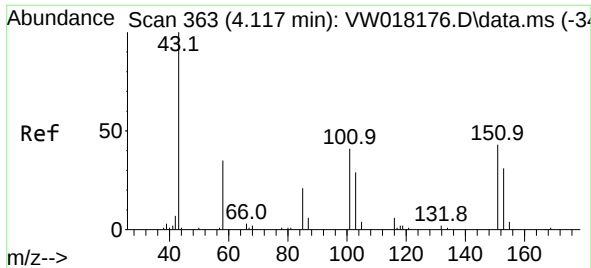
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VW0217SBL01  
Misc : 5.00G/10ML/MSVOA\_W/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: Feb 18 06:16:08 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M  
Quant Title : VOC Analysis  
QLast Update : Thu Feb 18 06:15:22 2021  
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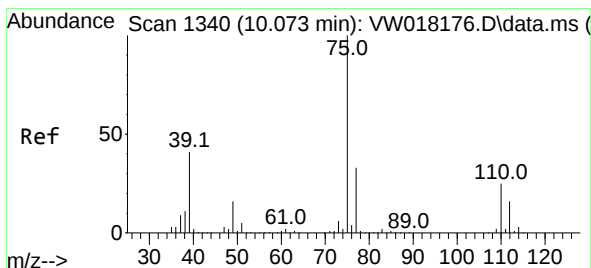
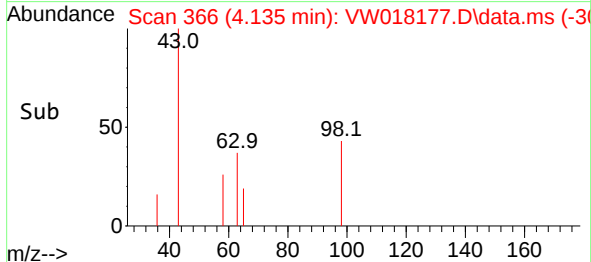
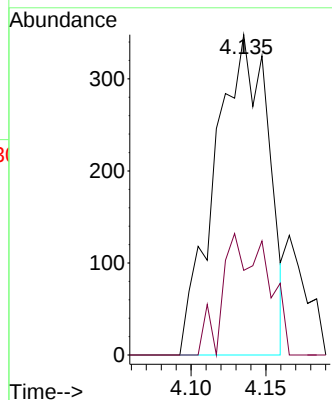
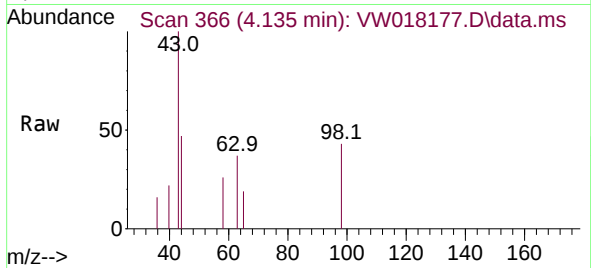




#13  
Acetone  
Concen: 0.95 ug/L  
RT: 4.135 min Scan# 366  
Delta R.T. 0.018 min  
Lab File: VW018177.D  
Acq: 17 Feb 2021 11:07

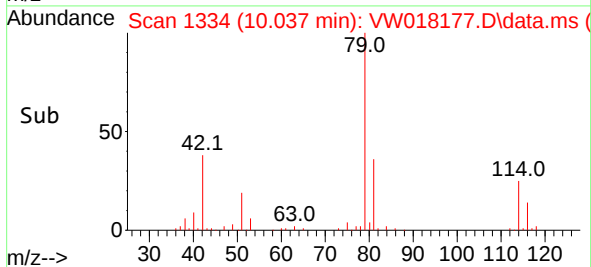
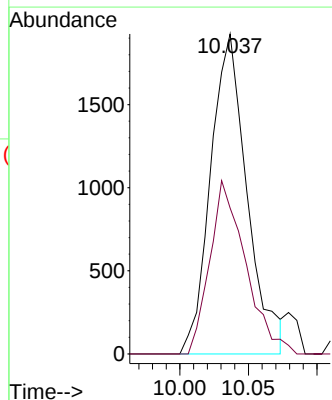
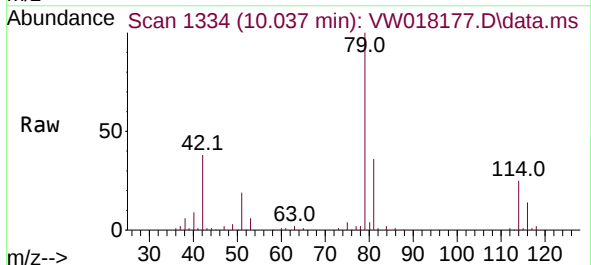
Instrument :  
MSVOA\_W  
ClientSampled :

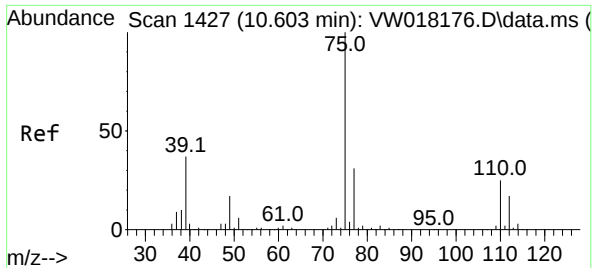
Tgt Ion: 43 Resp: 859  
Ion Ratio Lower Upper  
43 100  
58 14.0 0.0 68.4



#42  
cis-1,3-Dichloropropene  
Concen: 0.49 ug/L  
RT: 10.037 min Scan# 1334  
Delta R.T. -0.037 min  
Lab File: VW018177.D  
Acq: 17 Feb 2021 11:07

Tgt Ion: 75 Resp: 3562  
Ion Ratio Lower Upper  
75 100  
77 45.6 22.7 42.3#

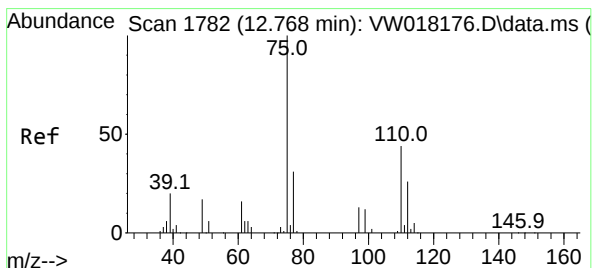
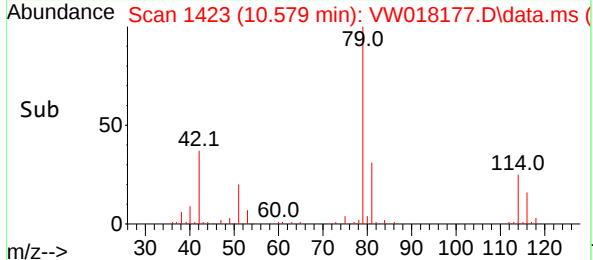
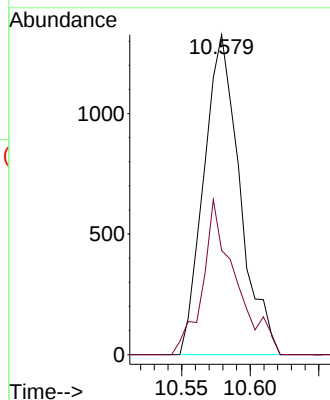
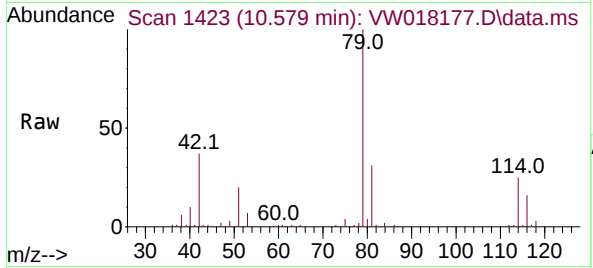




#45  
trans-1,3-Dichloropropene  
Concen: 0.38 ug/L  
RT: 10.579 min Scan# 1423  
Delta R.T. -0.024 min  
Lab File: VW018177.D  
Acq: 17 Feb 2021 11:07

Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion: 75 Resp: 2419  
Ion Ratio Lower Upper  
75 100  
77 32.6 22.6 42.0



#59  
1,2,3-Trichloropropane  
Concen: 5.21 ug/L  
RT: 13.554 min Scan# 1911  
Delta R.T. 0.786 min  
Lab File: VW018177.D  
Acq: 17 Feb 2021 11:07

Tgt Ion: 75 Resp: 17913  
Ion Ratio Lower Upper  
75 100  
77 32.6 26.6 39.8

