

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW030921\  
 Data File : VW018274.D  
 Acq On : 09 Mar 2021 18:40  
 Operator : SY/VA  
 Sample : VIBLK  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK06

Quant Time: Mar 10 02:18:58 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM030821S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Mar 10 02:13:53 2021  
 Response via : Initial Calibration

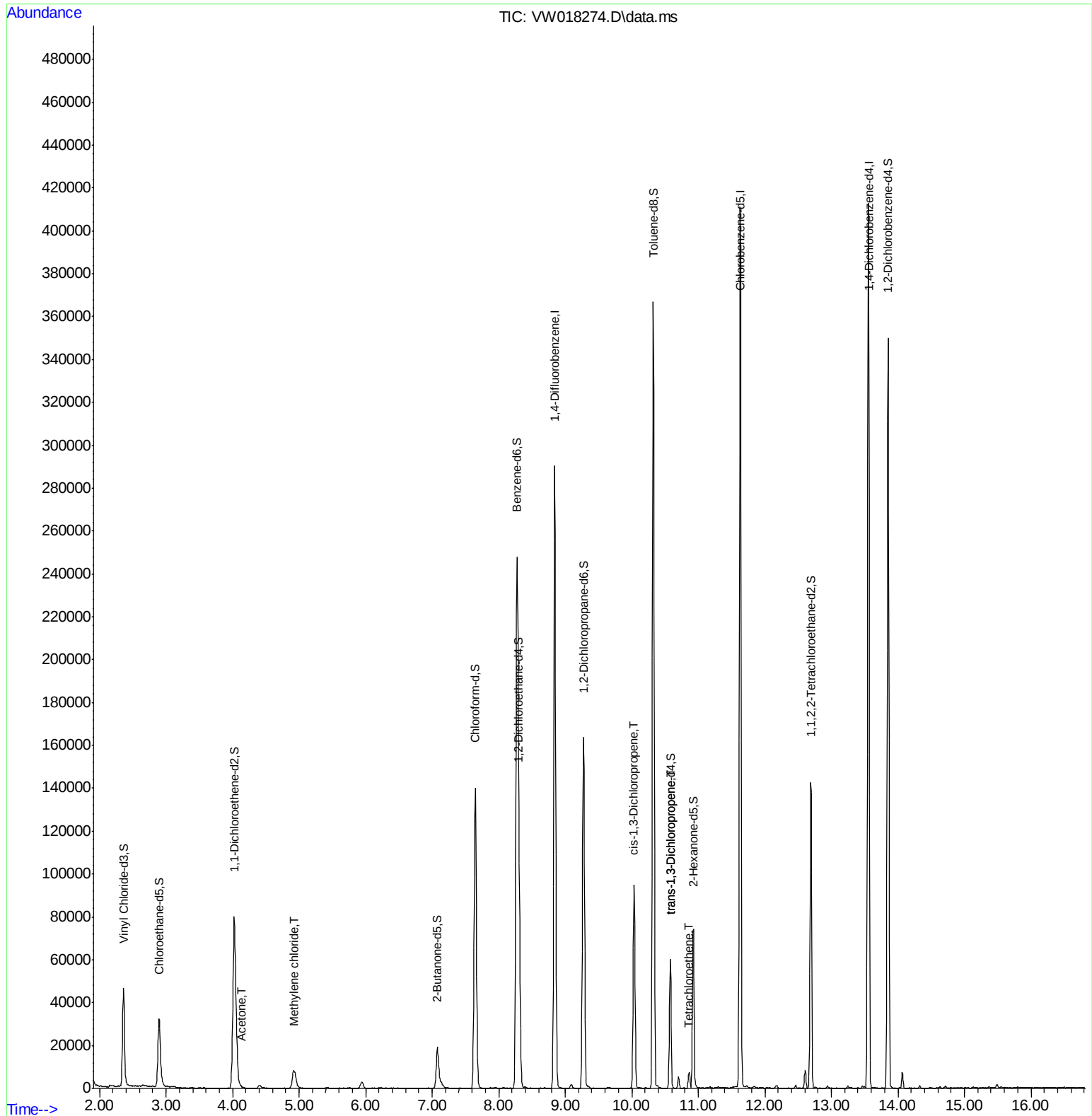
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 8.841          | 114  | 234270     | 25.00   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628         | 117  | 216965     | 25.00   | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 100809     | 25.00   | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 2.361          | 65   | 54339      | 21.42   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 85.68%  |        |          |
| 7) Chloroethane-d5            | 2.897          | 69   | 45426      | 22.05   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 88.20%  |        |          |
| 10) 1,1-Dichloroethene-d2     | 4.025          | 63   | 91345      | 15.50   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 62.00%  |        |          |
| 20) 2-Butanone-d5             | 7.080          | 46   | 31187      | 51.71   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 103.42% |        |          |
| 24) Chloroform-d              | 7.647          | 84   | 140285     | 22.10   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 88.40%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 82301      | 23.56   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 94.24%  |        |          |
| 29) Benzene-d6                | 8.274          | 84   | 251327     | 21.76   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 87.04%  |        |          |
| 33) 1,2-Dichloropropane-d6    | 9.274          | 67   | 71292      | 22.28   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 89.12%  |        |          |
| 37) Toluene-d8                | 10.323         | 98   | 241122     | 21.63   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 86.52%  |        |          |
| 38) trans-1,3-Dichloroprop... | 10.579         | 79   | 33235      | 20.95   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 83.80%  |        |          |
| 39) 2-Hexanone-d5             | 10.920         | 63   | 25968      | 48.77   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 97.54%  |        |          |
| 48) 1,1,2,2-Tetrachloroeth... | 12.688         | 84   | 64477      | 23.56   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 94.24%  |        |          |
| 61) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 84433      | 23.04   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 92.16%  |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        |          |
| 13) Acetone                   | 4.135          | 43   | 442        | 0.94    | ug/L   | 98       |
| 16) Methylene chloride        | 4.921          | 84   | 7440       | 2.08    | ug/L   | 97       |
| 42) cis-1,3-Dichloropropene   | 10.030         | 75   | 3073       | 0.63    | ug/L # | 54       |
| 45) trans-1,3-Dichloropropene | 10.579         | 75   | 1872       | 0.43    | ug/L   | 94       |
| 47) Tetrachloroethene         | 10.859         | 164  | 1513       | 0.55    | ug/L   | 94       |
| -----                         |                |      |            |         |        |          |

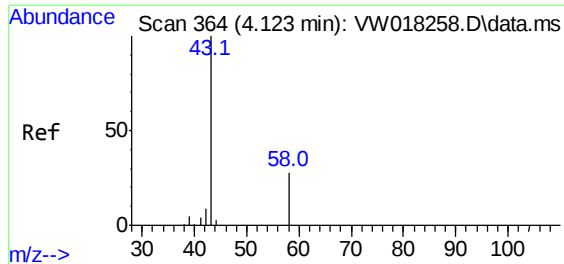
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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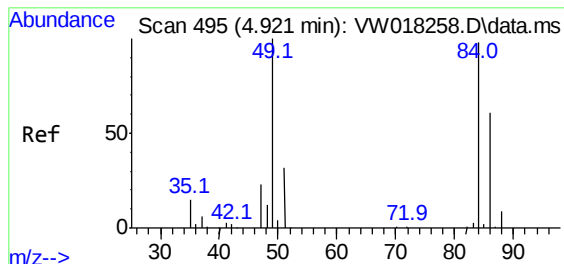
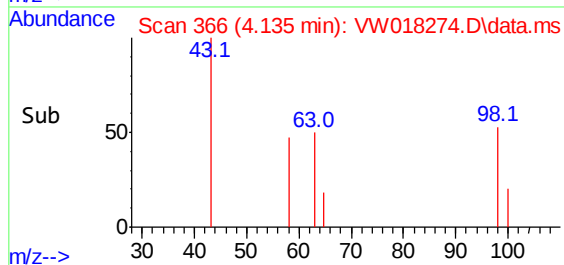
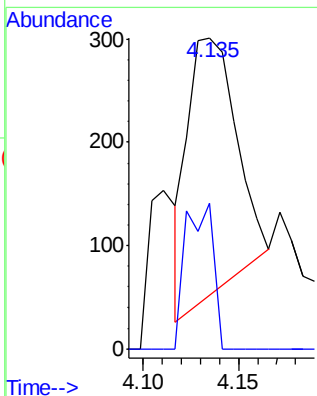
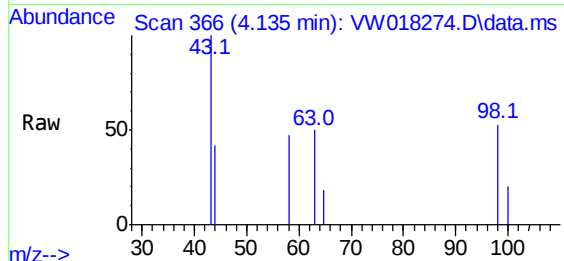




#13  
Acetone  
Concen: 0.94 ug/L  
RT: 4.135 min Scan# 366  
Delta R.T. 0.012 min  
Lab File: VW018274.D  
Acq: 09 Mar 2021 18:40

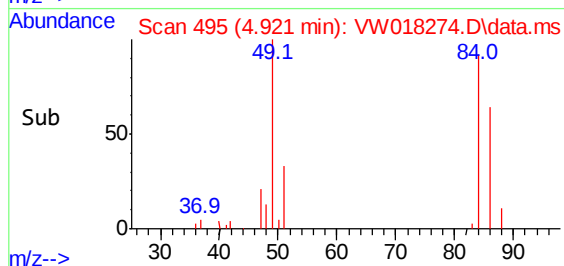
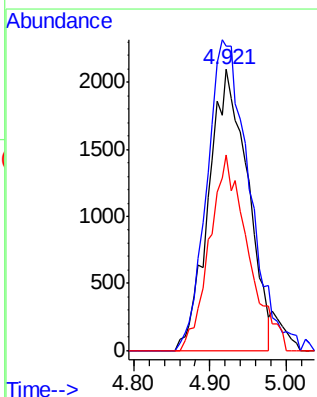
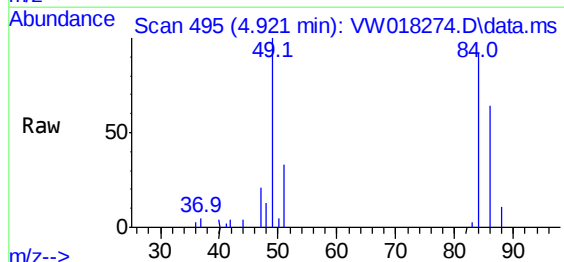
Instrument :  
MSVOA\_W  
ClientSampled :  
VIBLK06

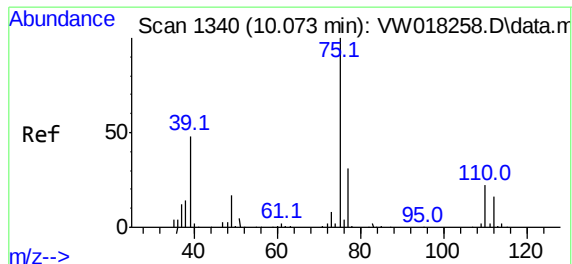
Tgt Ion: 43 Resp: 442  
Ion Ratio Lower Upper  
43 100  
58 32.1 0.0 62.2



#16  
Methylene chloride  
Concen: 2.08 ug/L  
RT: 4.921 min Scan# 495  
Delta R.T. 0.000 min  
Lab File: VW018274.D  
Acq: 09 Mar 2021 18:40

Tgt Ion: 84 Resp: 7440  
Ion Ratio Lower Upper  
84 100  
49 108.3 74.4 138.2  
86 69.8 46.1 85.7

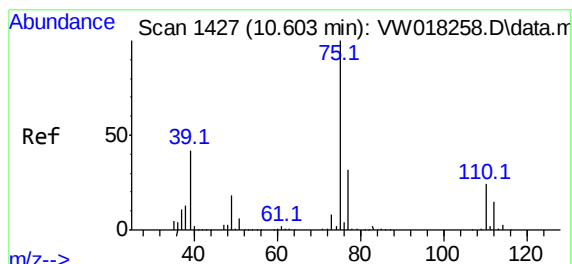
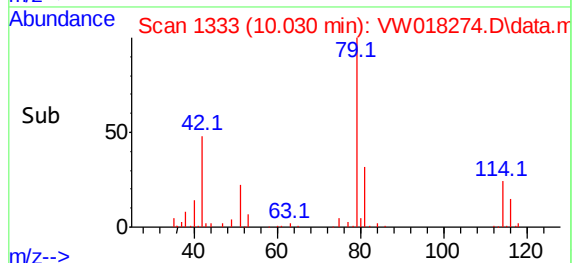
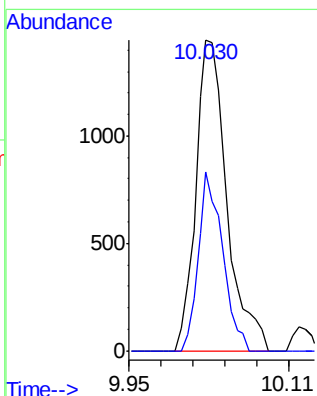
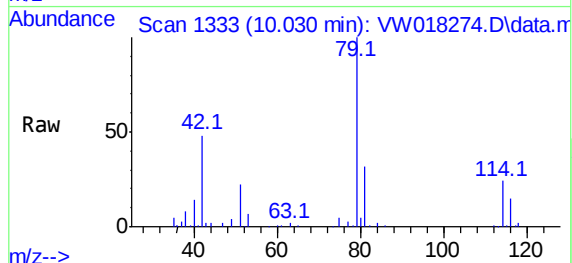




#42  
cis-1,3-Dichloropropene  
Concen: 0.63 ug/L  
RT: 10.030 min Scan# 1333  
Delta R.T. -0.043 min  
Lab File: VW018274.D  
Acq: 09 Mar 2021 18:40

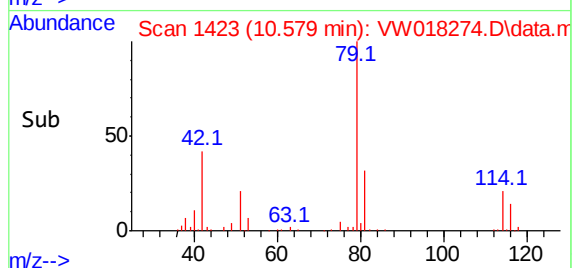
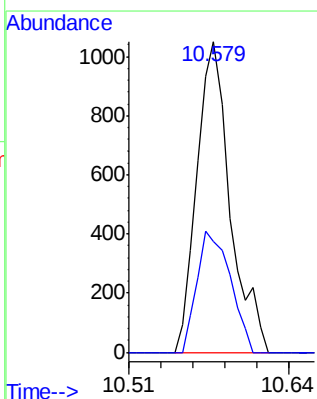
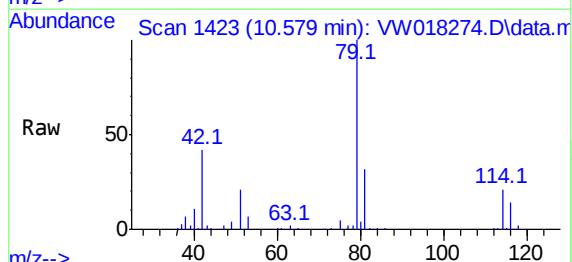
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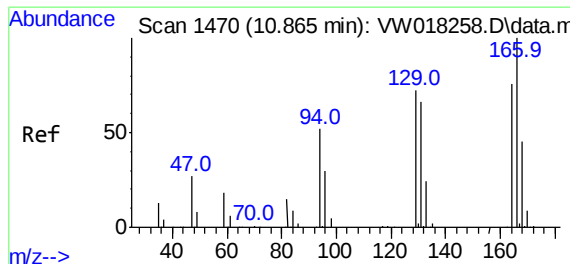
Tgt Ion: 75 Resp: 3073  
Ion Ratio Lower Upper  
75 100  
77 57.7 22.4 41.6#



#45  
trans-1,3-Dichloropropene  
Concen: 0.43 ug/L  
RT: 10.579 min Scan# 1423  
Delta R.T. -0.024 min  
Lab File: VW018274.D  
Acq: 09 Mar 2021 18:40

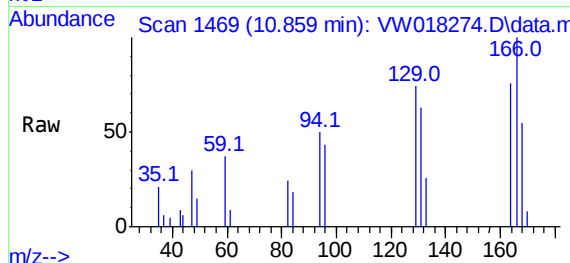
Tgt Ion: 75 Resp: 1872  
Ion Ratio Lower Upper  
75 100  
77 35.5 22.6 42.0





#47  
Tetrachloroethene  
Concen: 0.55 ug/L  
RT: 10.859 min Scan# 1469  
Delta R.T. -0.006 min  
Lab File: VW018274.D  
Acq: 09 Mar 2021 18:40

Instrument :  
MSVOA\_W  
ClientSampleId :  
VIBLK06



Tgt Ion:164 Resp: 1513

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 97.7  | 68.8  | 127.8 |
| 131 | 82.3  | 68.3  | 126.8 |
| 166 | 131.6 | 95.4  | 177.2 |

