

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040821\  
 Data File : VW018596.D  
 Acq On : 08 Apr 2021 12:10  
 Operator : SY/VA  
 Sample : VW0408SBL01  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK22

Quant Time: Apr 09 03:12:30 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Apr 09 03:11:49 2021  
 Response via : Initial Calibration

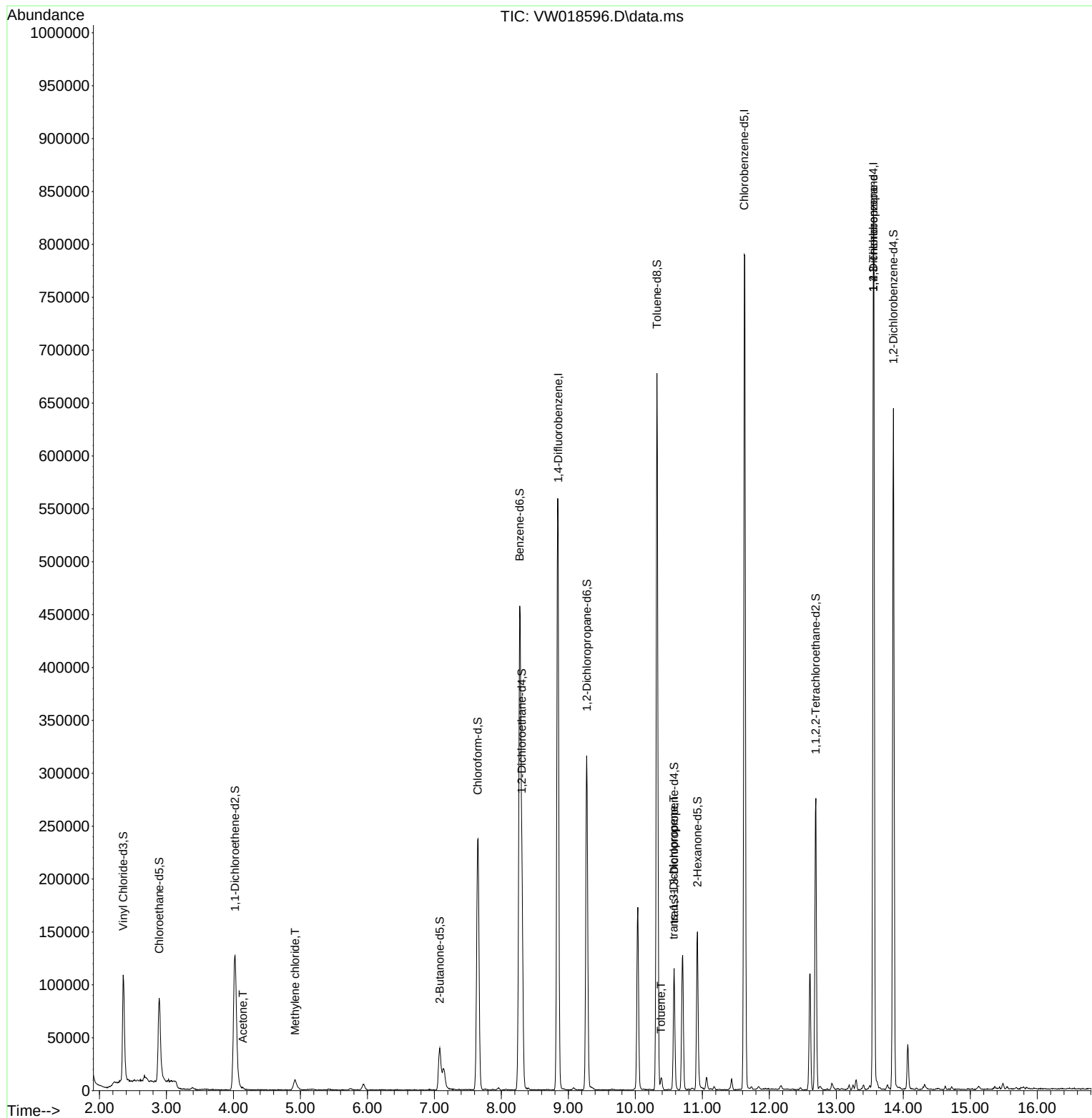
| Compound                      | R.T.           | QIon | Response   | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|--------|--------|----------|
| -----                         |                |      |            |        |        |          |
| Internal Standards            |                |      |            |        |        |          |
| 1) 1,4-Difluorobenzene        | 8.847          | 114  | 469946     | 25.00  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.627         | 117  | 443477     | 25.00  | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.554         | 152  | 211172     | 25.00  | ug/L   | 0.00     |
|                               |                |      |            |        |        |          |
| System Monitoring Compounds   |                |      |            |        |        |          |
| 4) Vinyl Chloride-d3          | 2.355          | 65   | 124127     | 18.98  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 75.92% |        |          |
| 7) Chloroethane-d5            | 2.891          | 69   | 107634     | 18.80  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 75.20% |        |          |
| 10) 1,1-Dichloroethene-d2     | 4.025          | 63   | 146764     | 13.00  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 52.00% |        |          |
| 20) 2-Butanone-d5             | 7.079          | 46   | 65262      | 44.82  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 89.64% |        |          |
| 24) Chloroform-d              | 7.646          | 84   | 243463     | 20.34  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 81.36% |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 151573     | 21.69  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 86.76% |        |          |
| 29) Benzene-d6                | 8.274          | 84   | 460279     | 19.52  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 78.08% |        |          |
| 33) 1,2-Dichloropropane-d6    | 9.274          | 67   | 141305     | 20.78  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 83.12% |        |          |
| 37) Toluene-d8                | 10.323         | 98   | 446670     | 19.68  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 78.72% |        |          |
| 38) trans-1,3-Dichloroprop... | 10.579         | 79   | 60847      | 17.35  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 69.40% |        |          |
| 39) 2-Hexanone-d5             | 10.926         | 63   | 52094      | 39.14  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 78.28% |        |          |
| 48) 1,1,2,2-Tetrachloroeth... | 12.694         | 84   | 128266     | 21.08  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 84.32% |        |          |
| 61) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 156418     | 20.83  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 83.32% |        |          |
|                               |                |      |            |        |        |          |
| Target Compounds              |                |      |            |        | Qvalue |          |
| 13) Acetone                   | 4.141          | 43   | 2357       | 2.25   | ug/L   | 60       |
| 16) Methylene chloride        | 4.921          | 84   | 7693       | 1.00   | ug/L   | 92       |
| 44) Toluene                   | 10.384         | 91   | 8013       | 0.27   | ug/L   | 92       |
| 45) trans-1,3-Dichloropropene | 10.573         | 75   | 3538       | 0.37   | ug/L # | 75       |
| 59) 1,2,3-Trichloropropane    | 13.554         | 75   | 27103      | 5.92   | ug/L   | 92       |
| -----                         |                |      |            |        |        |          |

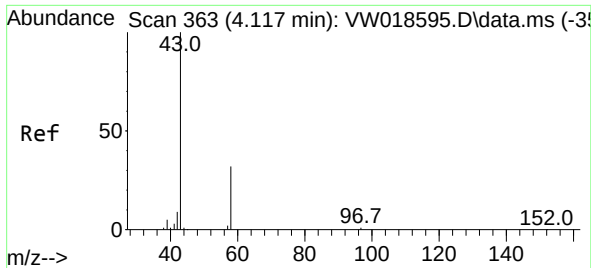
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

Instrument :  
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Quant Title : VOC Analysis  
QLast Update : Fri Apr 09 03:11:49 2021  
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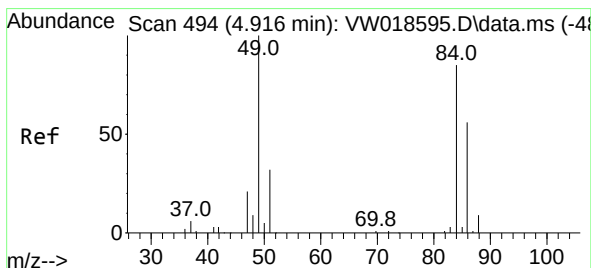
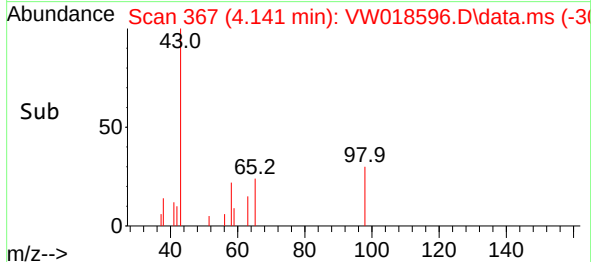
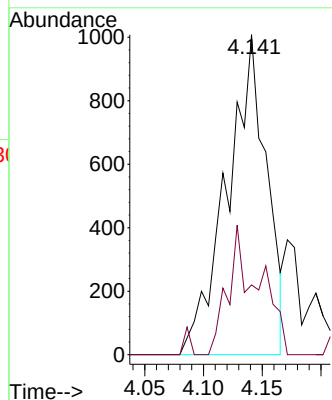
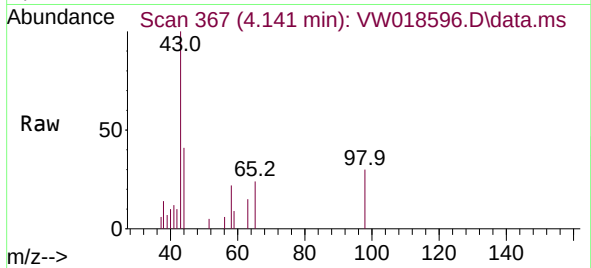




#13  
Acetone  
Concen: 2.25 ug/L  
RT: 4.141 min Scan# 367  
Delta R.T. 0.024 min  
Lab File: VW018596.D  
Acq: 08 Apr 2021 12:10

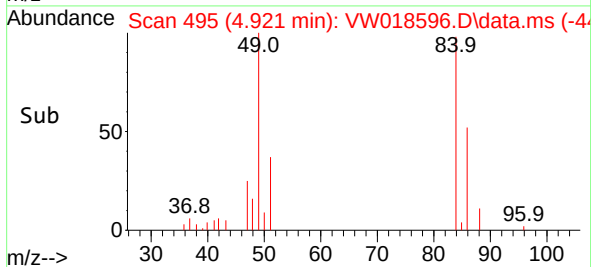
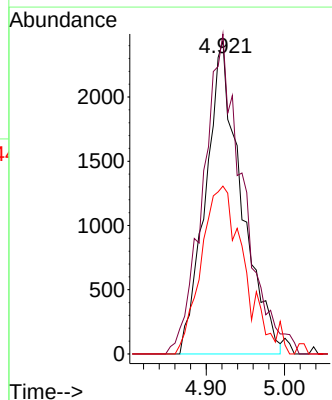
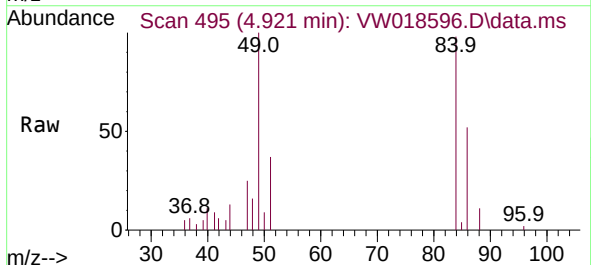
Instrument :  
MSVOA\_W  
ClientSampled :  
VBLK22

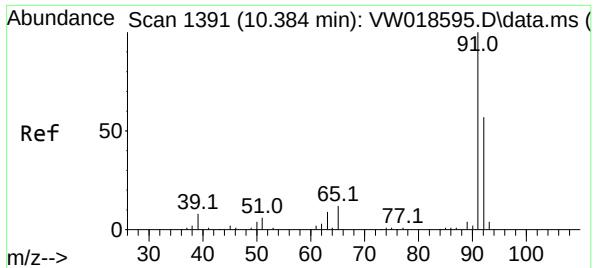
Tgt Ion: 43 Resp: 2357  
Ion Ratio Lower Upper  
43 100  
58 8.9 0.0 62.2



#16  
Methylene chloride  
Concen: 1.00 ug/L  
RT: 4.921 min Scan# 495  
Delta R.T. 0.006 min  
Lab File: VW018596.D  
Acq: 08 Apr 2021 12:10

Tgt Ion: 84 Resp: 7693  
Ion Ratio Lower Upper  
84 100  
49 102.3 74.4 138.2  
86 53.6 46.1 85.7

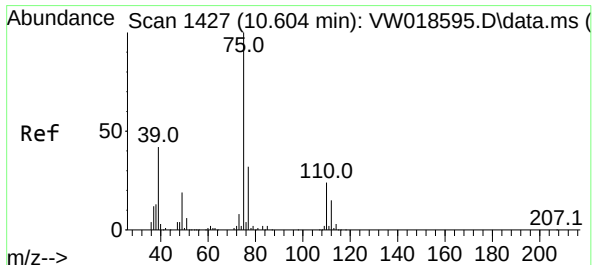
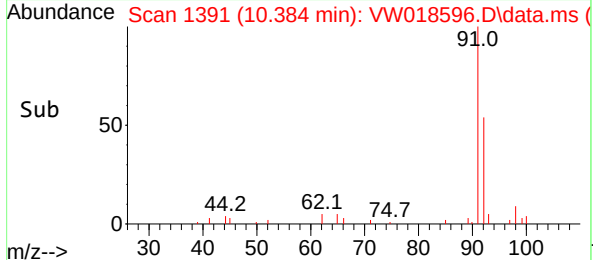
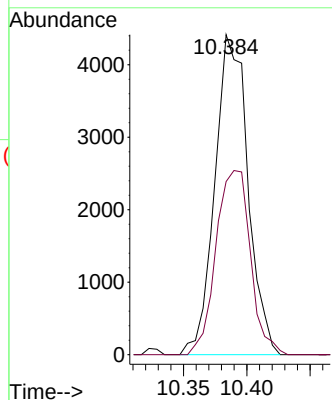
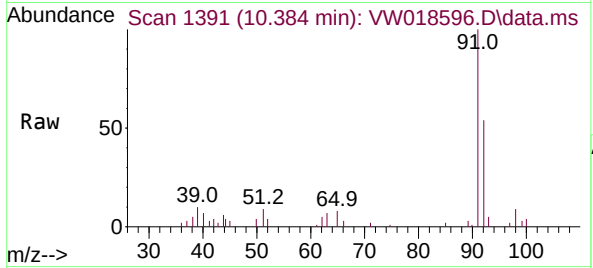




#44  
Toluene  
Concen: 0.27 ug/L  
RT: 10.384 min Scan# 1391  
Delta R.T. -0.000 min  
Lab File: VW018596.D  
Acq: 08 Apr 2021 12:10

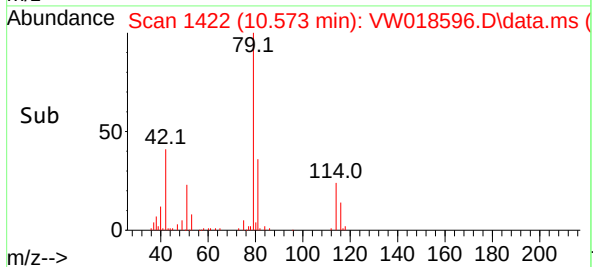
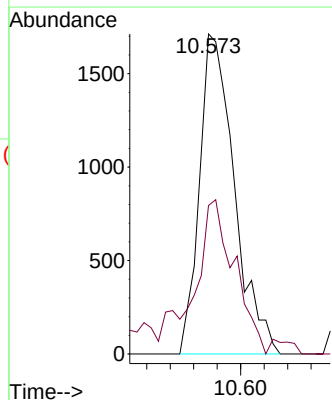
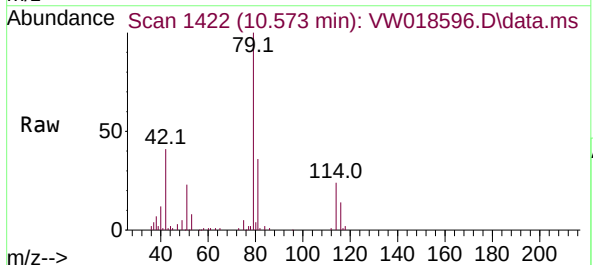
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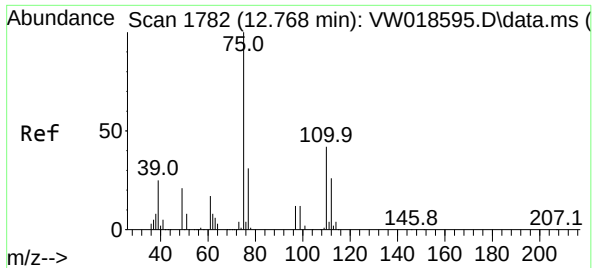
Tgt Ion: 91 Resp: 8013  
Ion Ratio Lower Upper  
91 100  
92 54.1 42.3 78.5



#45  
trans-1,3-Dichloropropene  
Concen: 0.37 ug/L  
RT: 10.573 min Scan# 1422  
Delta R.T. -0.031 min  
Lab File: VW018596.D  
Acq: 08 Apr 2021 12:10

Tgt Ion: 75 Resp: 3538  
Ion Ratio Lower Upper  
75 100  
77 46.4 22.6 42.0#





#59  
1,2,3-Trichloropropane  
Concen: 5.92 ug/L  
RT: 13.554 min Scan# 1911  
Delta R.T. 0.786 min  
Lab File: VW018596.D  
Acq: 08 Apr 2021 12:10

Instrument :  
MSVOA\_W  
ClientSampled :  
VBLK22

Tgt Ion: 75 Resp: 27103  
Ion Ratio Lower Upper  
75 100  
77 36.5 25.6 38.4

