

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042921\  
 Data File : VW018860.D  
 Acq On : 29 Apr 2021 21:06  
 Operator : SY/VA  
 Sample : M2181-06  
 Misc : 6.46G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Apr 30 02:14:16 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM042921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Apr 30 02:09:50 2021  
 Response via : Initial Calibration

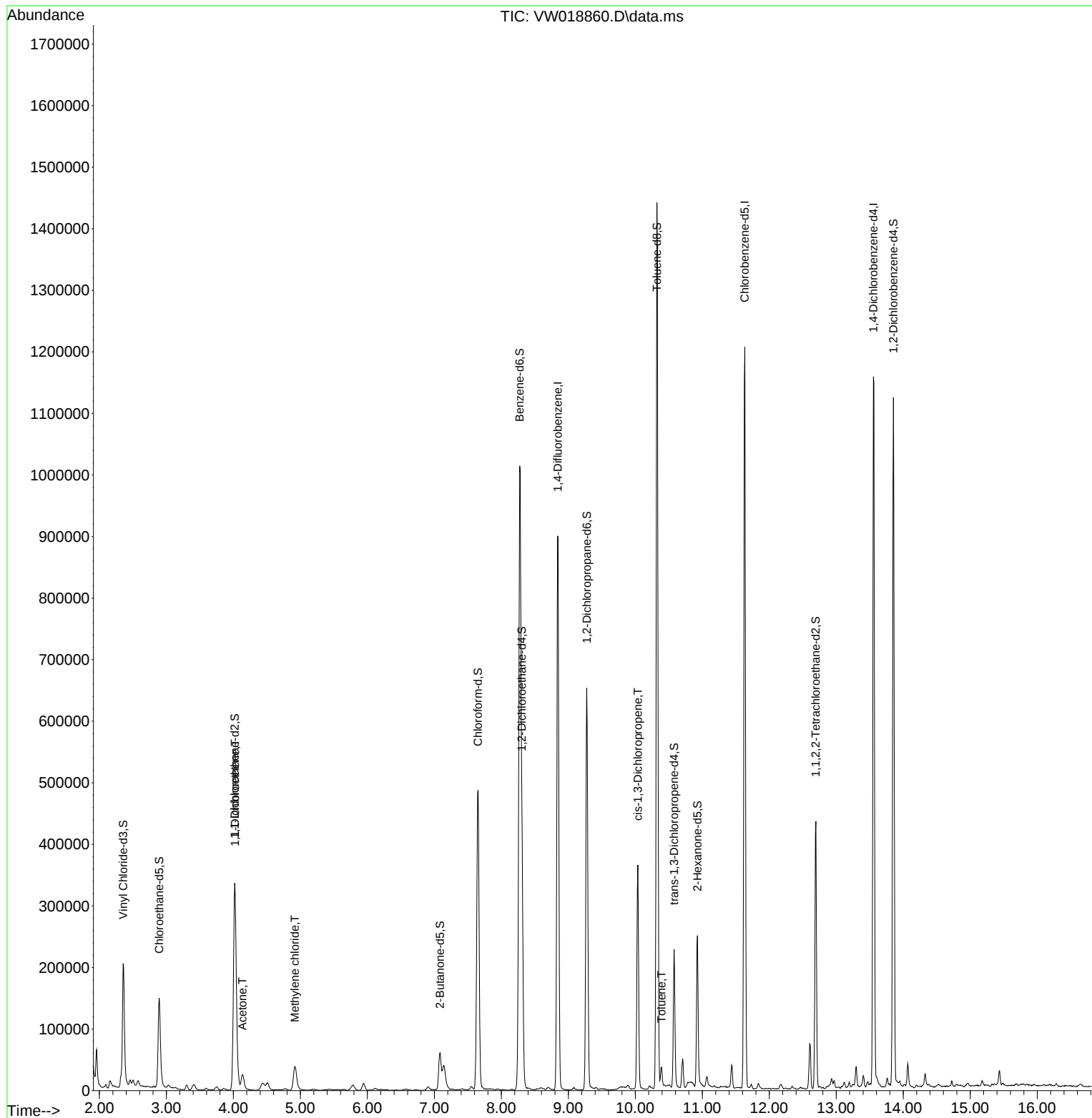
| Compound                      | R.T.   | QIon           | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|----------------|------------|---------|--------|----------|
| Internal Standards            |        |                |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114            | 757458     | 25.00   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117            | 653906     | 25.00   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152            | 302065     | 25.00   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |                |            |         |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65             | 238156     | 24.51   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery = | 98.04%  |        |          |
| 7) Chloroethane-d5            | 2.891  | 69             | 191662     | 25.46   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery = | 101.84% |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63             | 363884     | 18.86   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 110 | Recovery = | 75.44%  |        |          |
| 21) 2-Butanone-d5             | 7.086  | 46             | 101009     | 39.91   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery = | 79.82%  |        |          |
| 24) Chloroform-d              | 7.653  | 84             | 502866     | 25.29   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range 40 - 150 | Recovery = | 101.16% |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65             | 272503     | 24.54   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 130 | Recovery = | 98.16%  |        |          |
| 32) Benzene-d6                | 8.275  | 84             | 1040795    | 28.17   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range 20 - 135 | Recovery = | 112.68% |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67             | 299151     | 27.29   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 120 | Recovery = | 109.16% |        |          |
| 41) Toluene-d8                | 10.323 | 98             | 957272     | 27.78   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 130 | Recovery = | 111.12% |        |          |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79             | 117258     | 23.54   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 135 | Recovery = | 94.16%  |        |          |
| 47) 2-Hexanone-d5             | 10.927 | 63             | 87683      | 44.68   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery = | 89.36%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84             | 209751     | 22.58   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 120 | Recovery = | 90.32%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152            | 280160     | 27.07   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range 75 - 120 | Recovery = | 108.28% |        |          |
| Target Compounds              |        |                |            |         |        |          |
| 12) 1,1-Dichloroethene        | 4.025  | 96             | 2880       | 0.29    | ug/L # | 1        |
| 13) Acetone                   | 4.135  | 43             | 40086      | 20.67   | ug/L   | 84       |
| 16) Methylene chloride        | 4.915  | 84             | 35320      | 2.82    | ug/L   | 85       |
| 39) cis-1,3-Dichloropropene   | 10.036 | 75             | 9369       | 0.62    | ug/L # | 75       |
| 42) Toluene                   | 10.390 | 91             | 24963      | 0.58    | ug/L   | 97       |

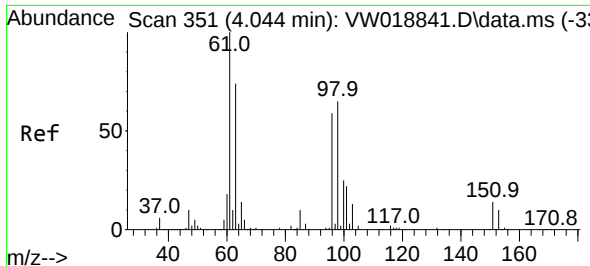
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 30 02:14:16 2021  
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Quant Title : SFAM01.0  
QLast Update : Fri Apr 30 02:09:50 2021  
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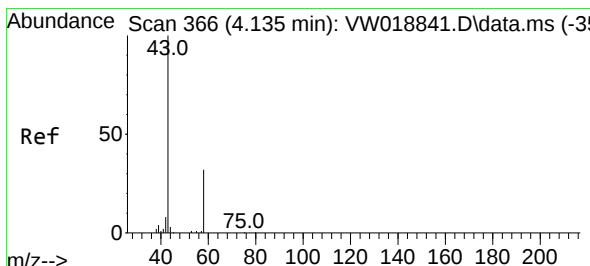
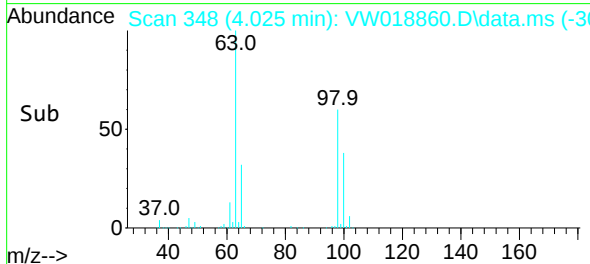
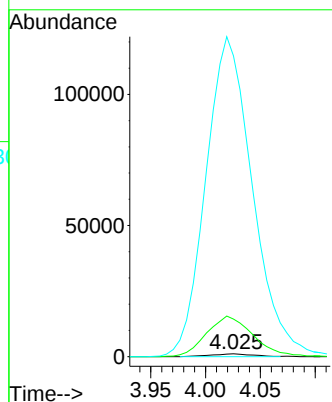
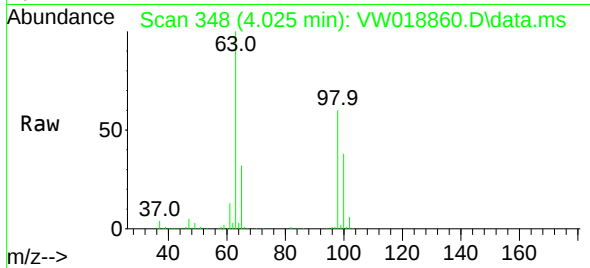




#12  
1,1-Dichloroethene  
Concen: 0.29 ug/L  
RT: 4.025 min Scan# 348  
Delta R.T. -0.018 min  
Lab File: VW018860.D  
Acq: 29 Apr 2021 21:06

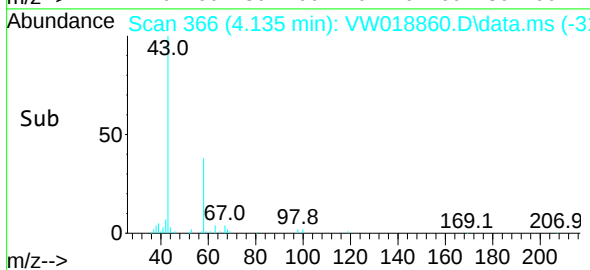
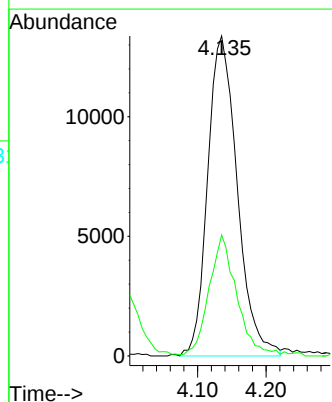
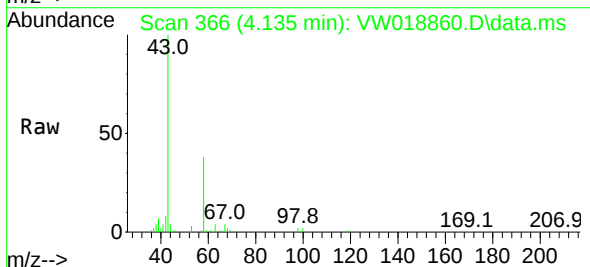
Instrument :  
MSVOA\_W  
ClientSampled :

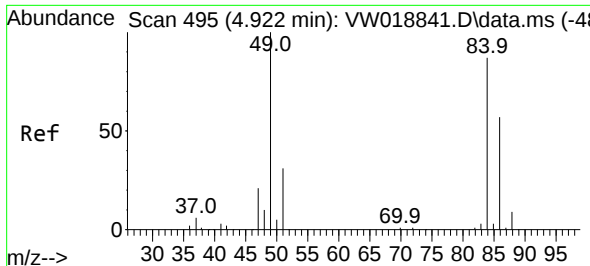
Tgt Ion: 96 Resp: 2880  
Ion Ratio Lower Upper  
96 100  
61 1288.3 118.1 219.3#  
63 10297.3 83.7 155.5#



#13  
Acetone  
Concen: 20.67 ug/L  
RT: 4.135 min Scan# 366  
Delta R.T. -0.000 min  
Lab File: VW018860.D  
Acq: 29 Apr 2021 21:06

Tgt Ion: 43 Resp: 40086  
Ion Ratio Lower Upper  
43 100  
58 35.1 0.0 53.8

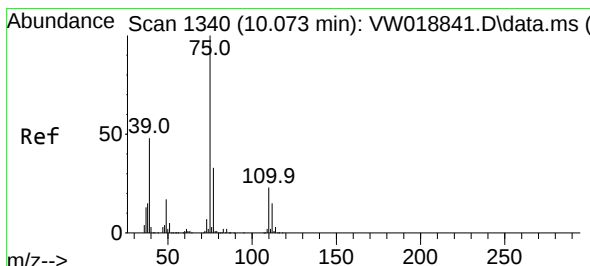
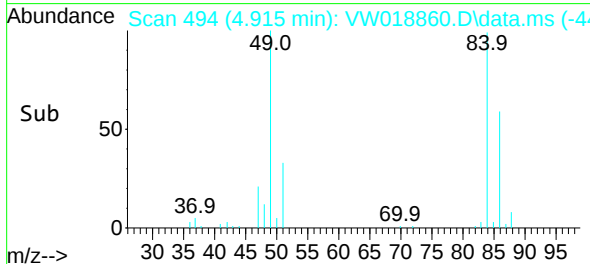
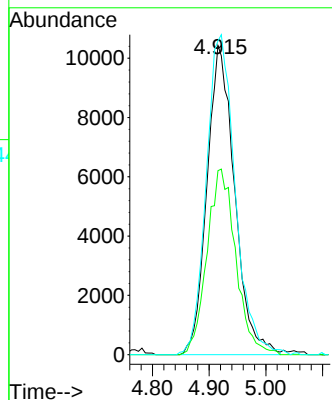
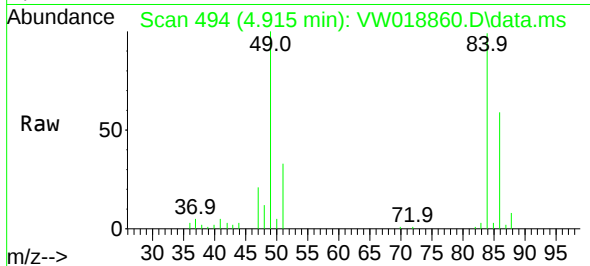




#16  
Methylene chloride  
Concen: 2.82 ug/L  
RT: 4.915 min Scan# 494  
Delta R.T. -0.006 min  
Lab File: VW018860.D  
Acq: 29 Apr 2021 21:06

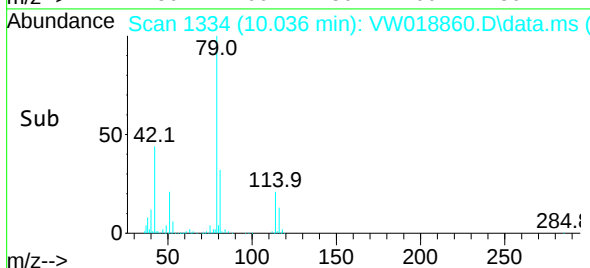
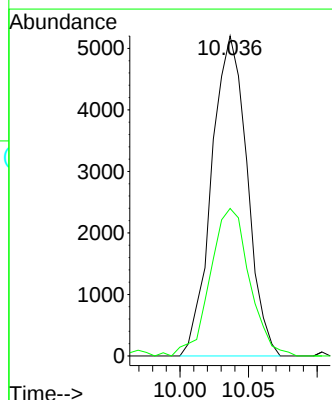
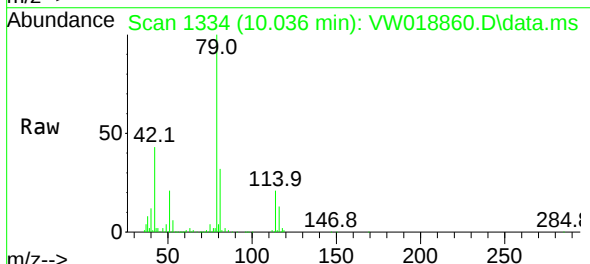
Instrument :  
MSVOA\_W  
ClientSampled :

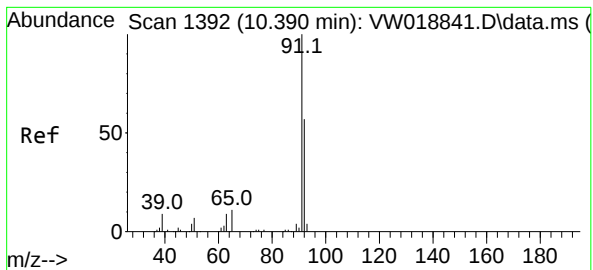
Tgt Ion: 84 Resp: 35320  
Ion Ratio Lower Upper  
84 100  
86 59.5 45.3 84.1  
49 101.5 86.6 160.8



#39  
cis-1,3-Dichloropropene  
Concen: 0.62 ug/L  
RT: 10.036 min Scan# 1334  
Delta R.T. -0.037 min  
Lab File: VW018860.D  
Acq: 29 Apr 2021 21:06

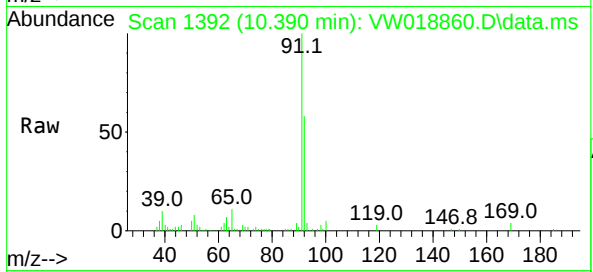
Tgt Ion: 75 Resp: 9369  
Ion Ratio Lower Upper  
75 100  
77 46.1 22.6 42.0#





#42  
Toluene  
Concen: 0.58 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. -0.000 min  
Lab File: VW018860.D  
Acq: 29 Apr 2021 21:06

Instrument :  
MSVOA\_W  
ClientSampled :



Tgt Ion: 91 Resp: 24963  
Ion Ratio Lower Upper  
91 100  
92 58.3 39.5 73.3

