

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW100721\  
 Data File : VW020390.D  
 Acq On : 08 Oct 2021 03:48  
 Operator : SY/VA  
 Sample : M4103-05  
 Misc : 5.07g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AB9

Quant Time: Oct 08 07:41:15 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100621SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Oct 08 07:38:51 2021  
 Response via : Initial Calibration

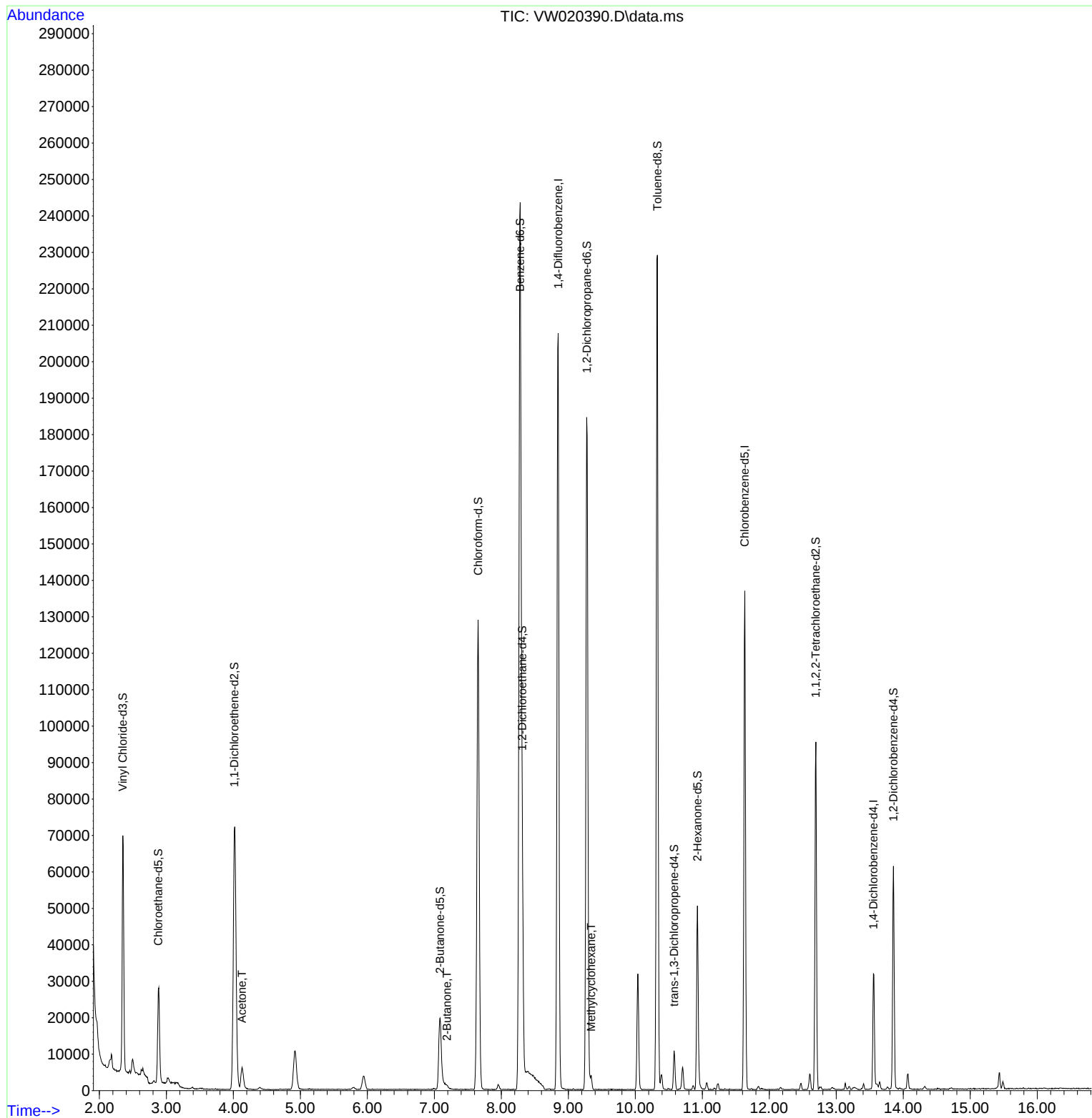
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 163150   | 25.00    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 71035    | 25.00    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 7876     | 25.00    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 60254    | 26.80    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 107.20%  |
| 7) Chloroethane-d5            | 2.879  | 69    | 27599    | 28.33    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 113.32%  |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 73593    | 15.89    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 63.56%   |
| 21) 2-Butanone-d5             | 7.086  | 46    | 35072    | 61.40    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 122.80%  |
| 24) Chloroform-d              | 7.653  | 84    | 124558   | 26.59    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 106.36%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 50797    | 19.81    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 79.24%   |
| 32) Benzene-d6                | 8.281  | 84    | 237373   | 55.19    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 220.76%# |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 85695    | 62.82    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 251.28%# |
| 41) Toluene-d8                | 10.329 | 98    | 145507   | 37.35    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 149.40%# |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 5928     | 10.68    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 42.72%   |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 15105    | 80.11    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 160.22%# |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 47433    | 49.82    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 199.28%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 14898    | 54.02    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 216.08%# |
| Target Compounds              |        |       |          |          |        |          |
| 13) Acetone                   | 4.129  | 43    | 10727    | 18.27    | ug/L   | 100      |
| 22) 2-Butanone                | 7.190  | 43    | 2058     | 2.85     | ug/L # | 74       |
| 35) Methylcyclohexane         | 9.342  | 83    | 1119     | 0.53     | ug/L   | 92       |
| -----                         |        |       |          |          |        |          |

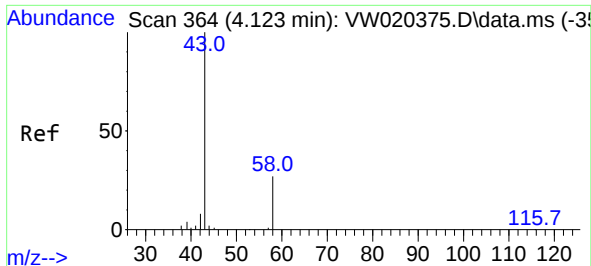
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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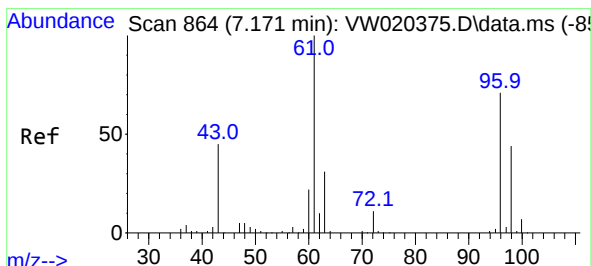
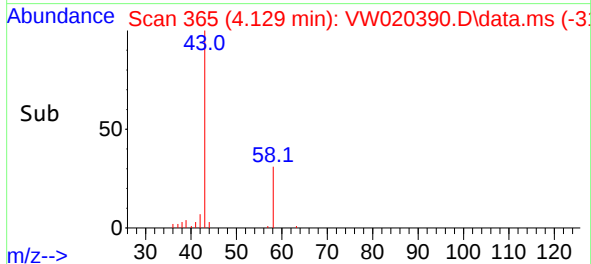
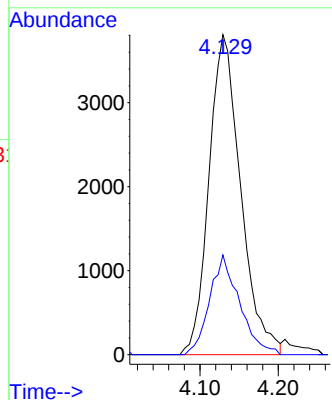
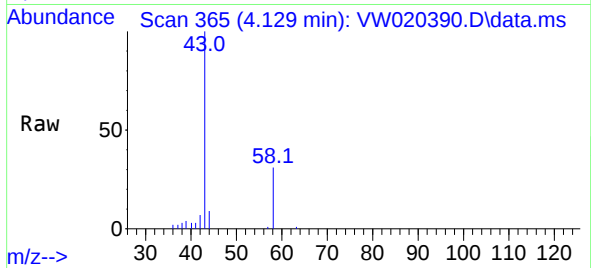




#13  
Acetone  
Concen: 18.27 ug/L  
RT: 4.129 min Scan# 365  
Delta R.T. 0.006 min  
Lab File: VW020390.D  
Acq: 08 Oct 2021 03:48

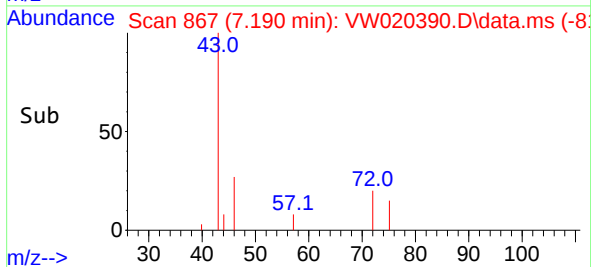
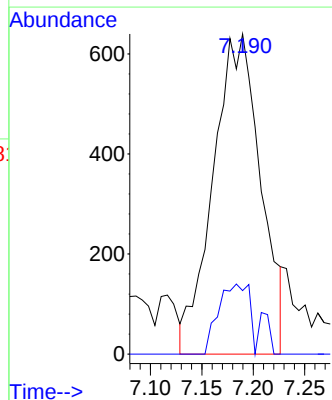
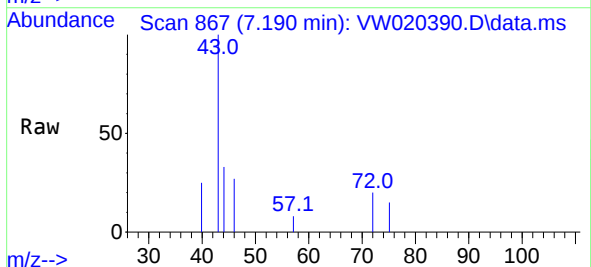
Instrument :  
MSVOA\_W  
ClientSampled :  
C0AB9

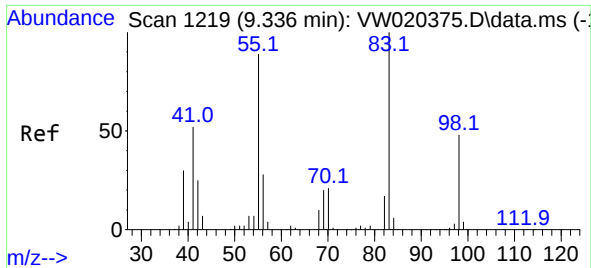
Tgt Ion: 43 Resp: 10727  
Ion Ratio Lower Upper  
43 100  
58 29.4 0.0 58.4



#22  
2-Butanone  
Concen: 2.85 ug/L  
RT: 7.190 min Scan# 867  
Delta R.T. 0.018 min  
Lab File: VW020390.D  
Acq: 08 Oct 2021 03:48

Tgt Ion: 43 Resp: 2058  
Ion Ratio Lower Upper  
43 100  
72 11.7 12.2 36.6#





#35  
Methylcyclohexane  
Concen: 0.53 ug/L  
RT: 9.342 min Scan# 1220  
Delta R.T. 0.006 min  
Lab File: VW020390.D  
Acq: 08 Oct 2021 03:48

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AB9

Tgt Ion: 83 Resp: 1119  
Ion Ratio Lower Upper  
83 100  
55 93.6 69.7 104.5  
98 41.3 38.2 57.2

