

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD062823\  
 Data File : VD076613.D  
 Acq On : 28 Jun 2023 13:36  
 Operator : KP/SY  
 Sample : 03422-03RE  
 Misc : 4.74G/10.0ml/MSVOA\_D/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 A46J2RE

Quant Time: Jun 29 01:30:08 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM061523SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jun 16 01:50:34 2023  
 Response via : Initial Calibration

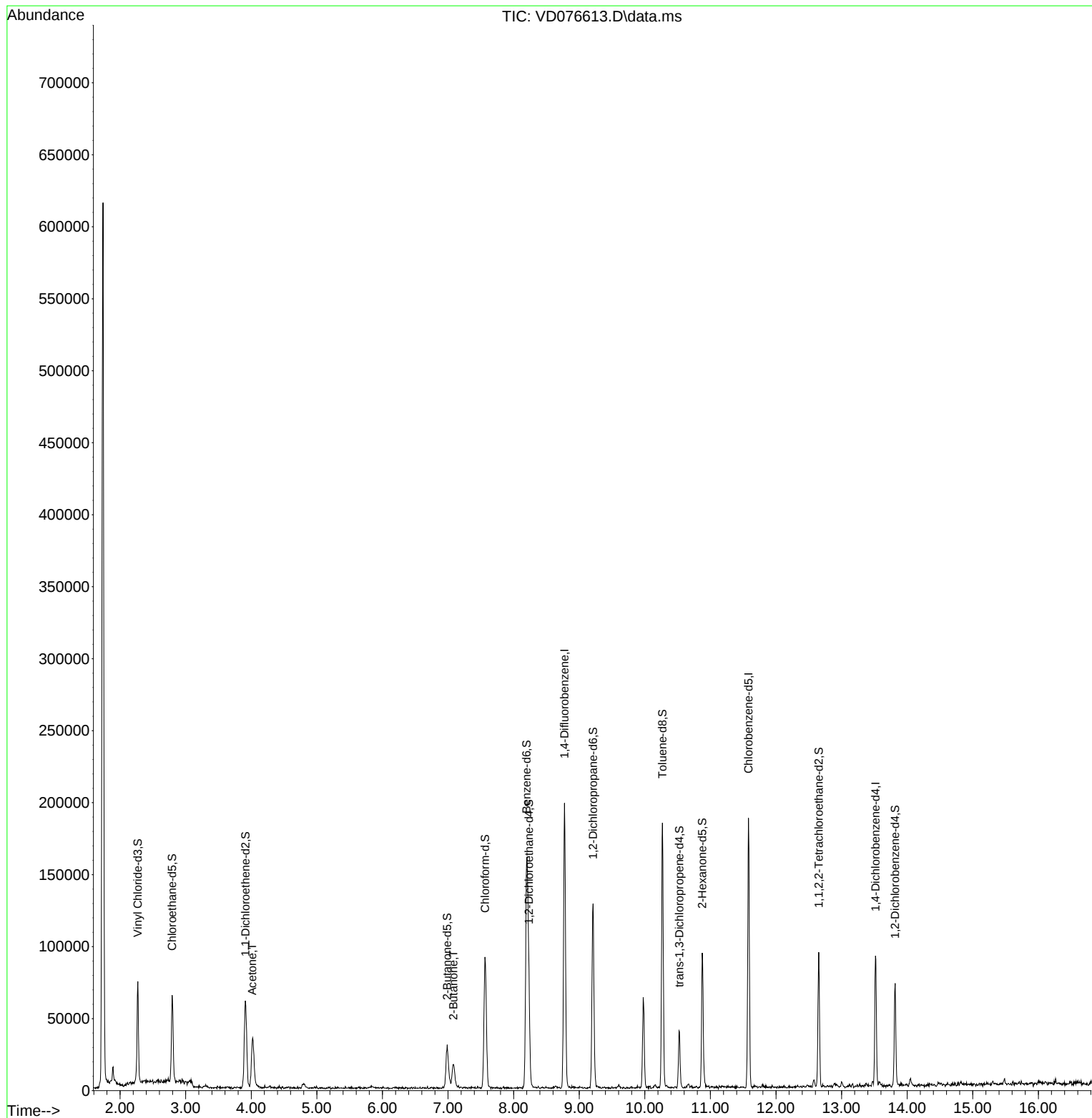
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.775  | 114   | 169802   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 105043   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152   | 24042    | 25.000   | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.270  | 65    | 58771    | 14.213   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 56.840%   |
| 7) Chloroethane-d5            | 2.793  | 69    | 57701    | 17.257   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 69.040%   |
| 11) 1,1-Dichloroethene-d2     | 3.911  | 65    | 16910    | 15.666   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 62.680%   |
| 21) 2-Butanone-d5             | 6.987  | 46    | 50533    | 80.690   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 161.380%# |
| 24) Chloroform-d              | 7.563  | 84    | 92965    | 20.781   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 83.120%   |
| 26) 1,2-Dichloroethane-d4     | 8.234  | 65    | 55175    | 25.001   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 100.000%  |
| 32) Benzene-d6                | 8.199  | 84    | 167305   | 26.037   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 104.160%  |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 60949    | 29.716   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 118.880%  |
| 41) Toluene-d8                | 10.269 | 98    | 124092   | 20.857   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 83.440%   |
| 43) trans-1,3-Dichloroprop... | 10.528 | 79    | 21025    | 24.645   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 98.600%   |
| 47) 2-Hexanone-d5             | 10.875 | 63    | 31259    | 98.180   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 196.360%# |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 46099    | 31.592   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 126.360%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 18426    | 20.909   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 83.640%   |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          | Qvalue |           |
| 13) Acetone                   | 4.017  | 43    | 61542    | 121.666  | ug/L   | 99        |
| 22) 2-Butanone                | 7.081  | 43    | 28941    | 35.454   | ug/L   | 95        |
| -----                         |        |       |          |          |        |           |

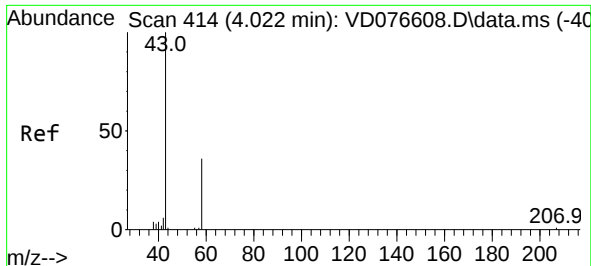
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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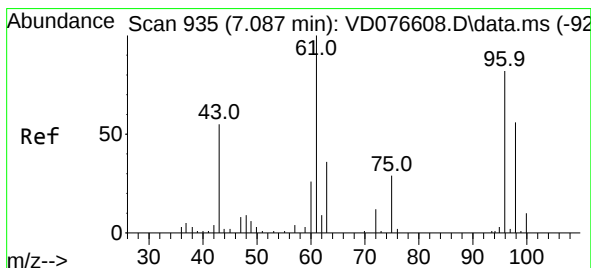
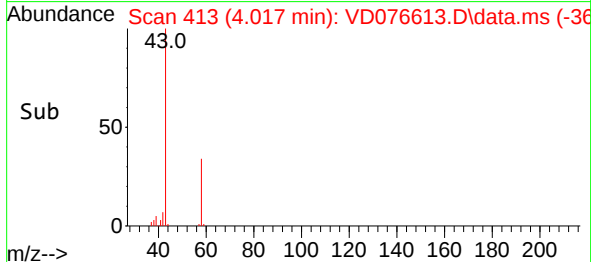
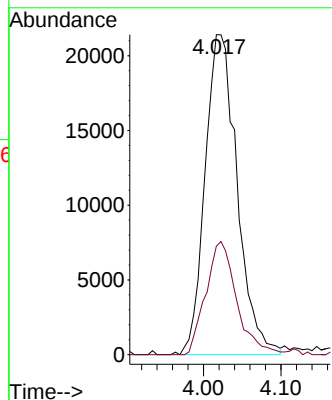
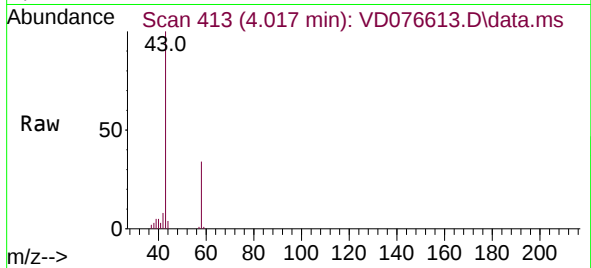




#13  
Acetone  
Concen: 121.666 ug/L  
RT: 4.017 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VD076613.D  
Acq: 28 Jun 2023 13:36

Instrument :  
MSVOA\_D  
ClientSampleId :  
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Tgt Ion: 43 Resp: 61542  
Ion Ratio Lower Upper  
43 100  
58 34.1 0.0 67.4



#22  
2-Butanone  
Concen: 35.454 ug/L  
RT: 7.081 min Scan# 934  
Delta R.T. 0.000 min  
Lab File: VD076613.D  
Acq: 28 Jun 2023 13:36

Tgt Ion: 43 Resp: 28941  
Ion Ratio Lower Upper  
43 100  
72 23.0 12.9 38.7

