

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD062823\  
 Data File : VD076619.D  
 Acq On : 28 Jun 2023 16:31  
 Operator : KP/SY  
 Sample : 03422-21  
 Misc : 5.63G/10.0ml/MSVOA\_D/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 A46G0

Quant Time: Jun 29 01:30:50 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

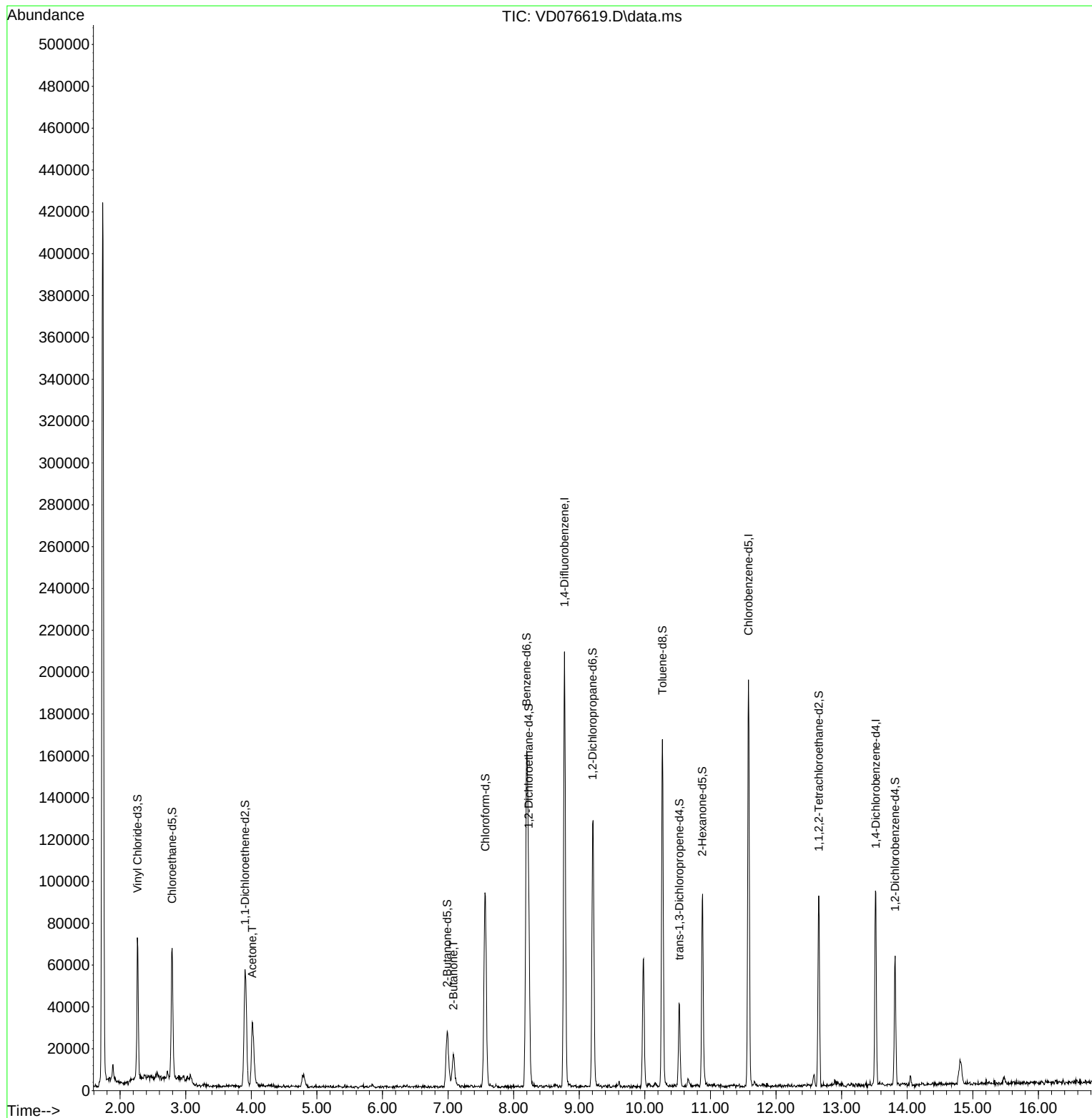
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|-------|-----------|
| -----                         |        |       |          |          |       |           |
| Internal Standards            |        |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 8.775  | 114   | 177736   | 25.000   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 108574   | 25.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.522 | 152   | 24371    | 25.000   | ug/L  | 0.00      |
|                               |        |       |          |          |       |           |
| System Monitoring Compounds   |        |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 2.264  | 65    | 56782    | 13.119   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 52.480%   |
| 7) Chloroethane-d5            | 2.793  | 69    | 61235    | 17.496   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 70.000%   |
| 11) 1,1-Dichloroethene-d2     | 3.905  | 65    | 15887    | 14.061   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 56.240%   |
| 21) 2-Butanone-d5             | 6.987  | 46    | 44760    | 68.281   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 136.560%# |
| 24) Chloroform-d              | 7.569  | 84    | 96292    | 20.564   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 82.240%   |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 58545    | 25.343   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 101.360%  |
| 32) Benzene-d6                | 8.199  | 84    | 167694   | 25.249   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 101.000%  |
| 36) 1,2-Dichloropropane-d6    | 9.204  | 67    | 63837    | 30.112   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 120.440%# |
| 41) Toluene-d8                | 10.269 | 98    | 113263   | 18.417   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 73.680%   |
| 43) trans-1,3-Dichloroprop... | 10.528 | 79    | 21365    | 24.229   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 96.920%   |
| 47) 2-Hexanone-d5             | 10.875 | 63    | 31539    | 95.838   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 191.680%# |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 45582    | 30.221   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 120.880%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 15452    | 17.298   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 69.200%#  |
|                               |        |       |          |          |       |           |
| Target Compounds              |        |       |          |          |       | Qvalue    |
| 13) Acetone                   | 4.016  | 43    | 53201    | 100.481  | ug/L  | 99        |
| 22) 2-Butanone                | 7.081  | 43    | 24073    | 28.174   | ug/L  | 85        |
| -----                         |        |       |          |          |       |           |

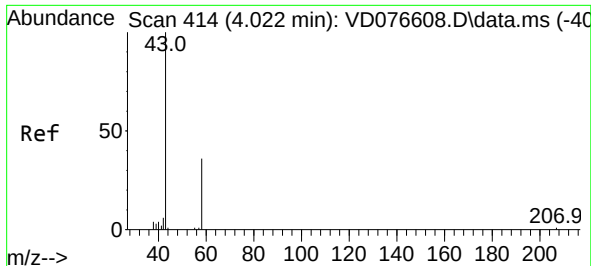
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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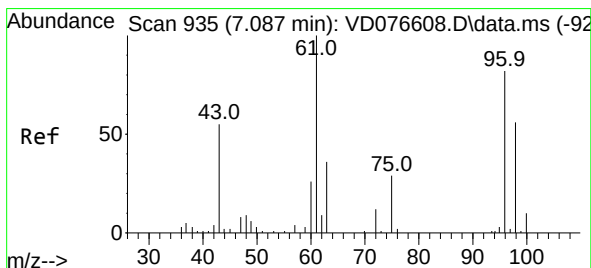
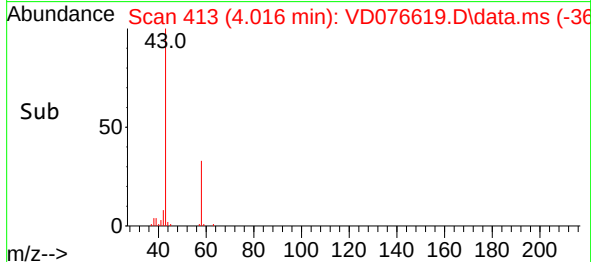
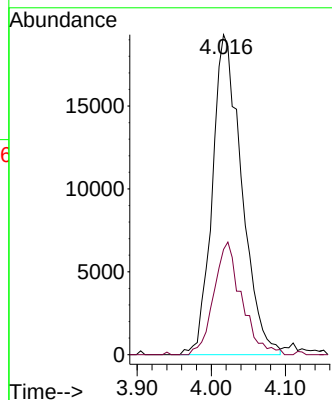
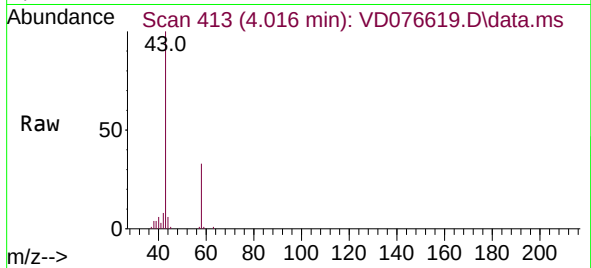




#13  
Acetone  
Concen: 100.481 ug/L  
RT: 4.016 min Scan# 414  
Delta R.T. -0.006 min  
Lab File: VD076619.D  
Acq: 28 Jun 2023 16:31

Instrument :  
MSVOA\_D  
ClientSampleId :  
A46G0

Tgt Ion: 43 Resp: 53201  
Ion Ratio Lower Upper  
43 100  
58 33.2 0.0 67.4



#22  
2-Butanone  
Concen: 28.174 ug/L  
RT: 7.081 min Scan# 934  
Delta R.T. -0.000 min  
Lab File: VD076619.D  
Acq: 28 Jun 2023 16:31

Tgt Ion: 43 Resp: 24073  
Ion Ratio Lower Upper  
43 100  
72 18.1 12.9 38.7

