

Data File : VV010667.D  
Acq On : 03 May 2019 20:26  
Operator : SY/MD  
Sample : K2603-22  
Misc : 5.06G/10ML/MSVOA\_V/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
GAJ74

Quant Time: May 03 23:55:06 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM050219S.M  
Quant Title : VOC Analysis  
QLast Update : Fri May 03 23:50:43 2019  
Response via : Initial Calibration

| Internal Standards         | R.T. | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.68 | 114  | 1102     | 25.00 | ug/L  | 0.02     |
| 28) Chlorobenzene-d5       | 8.90 | 117  | 474      | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 0.00 | 152  | 0        | 0.00  | ug/L  | -11.29   |

#### System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 627      | 44.94    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 179.76%# |
| 7) Chloroethane-d5             | 1.59   | 69    | 433      | 44.34    | ug/L | 0.03     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 177.36%# |
| 10) 1,1-Dichloroethene-d2      | 2.14   | 63    | 605      | 24.73    | ug/L | 0.02     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 98.92%   |
| 20) 2-Butanone-d5              | 0.00   | 46    | 0        | 0.00     | ug/L |          |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 0.00%#   |
| 24) Chloroform-d               | 4.41   | 84    | 468      | 16.44    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 65.76%   |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 199      | 12.20    | ug/L | 0.02     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 48.80%#  |
| 29) Benzene-d6                 | 5.10   | 84    | 607      | 24.71    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 98.84%   |
| 33) 1,2-Dichloropropane-d6     | 6.13   | 67    | 193      | 25.65    | ug/L | 0.02     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 102.60%  |
| 37) Toluene-d8                 | 7.38   | 98    | 769      | 32.58    | ug/L | 0.02     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 130.32%# |
| 38) trans-1,3-Dichloropropene- | 0.00   | 79    | 0        | 0.00     | ug/L |          |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 0.00%#   |
| 39) 2-Hexanone-d5              | 0.00   | 63    | 0        | 0.00     | ug/L |          |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 0.00%#   |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 124      | 18.28    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 73.12%   |
| 61) 1,2-Dichlorobenzene-d4     | 0.00   | 152   | 0        | 0.00     | ug/L |          |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 0.00%#   |

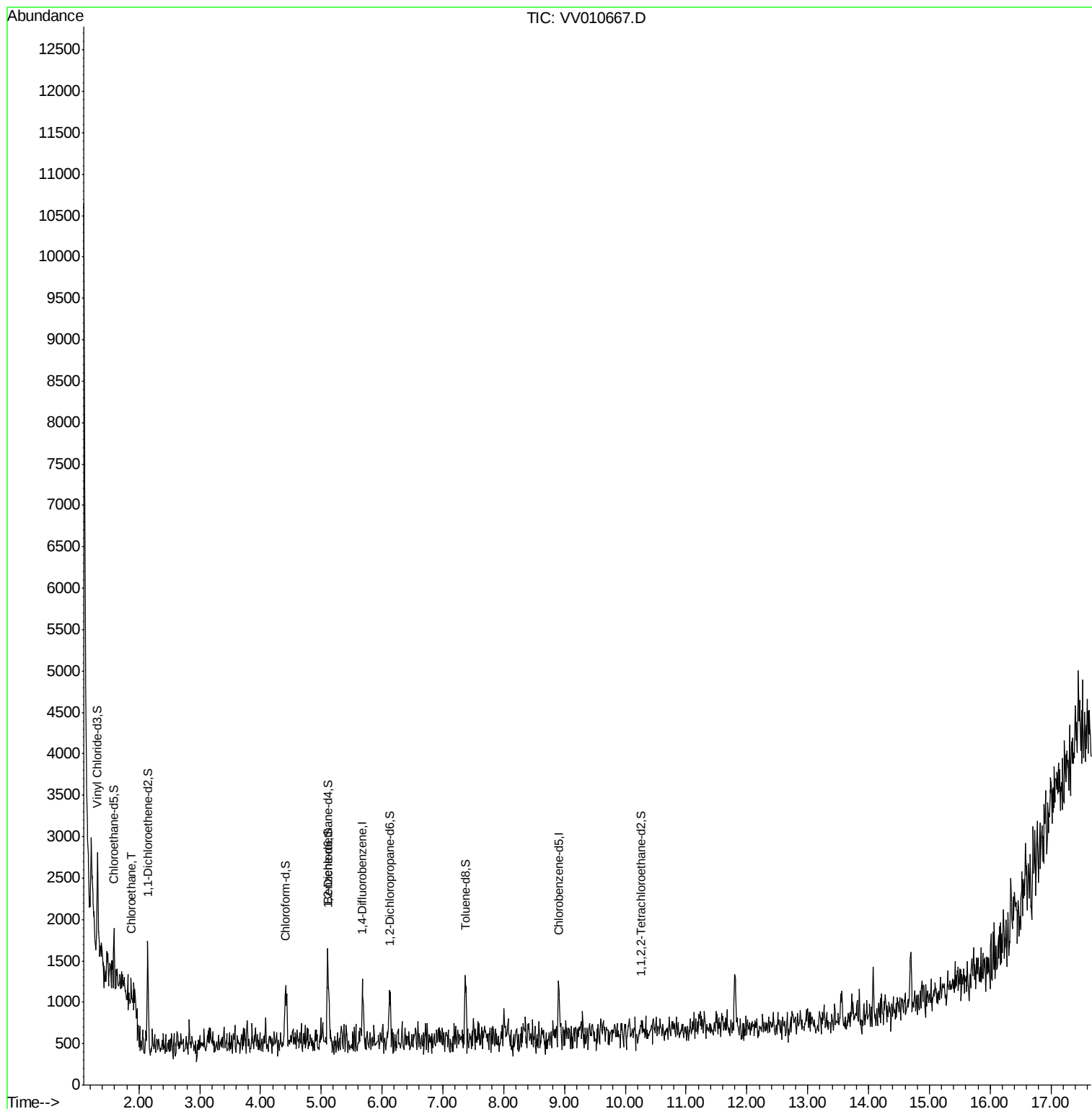
| Target Compounds |      |    |    |            | Qvalue |
|------------------|------|----|----|------------|--------|
| 8) Chloroethane  | 1.87 | 64 | 47 | 6.593 ug/L | # 43   |

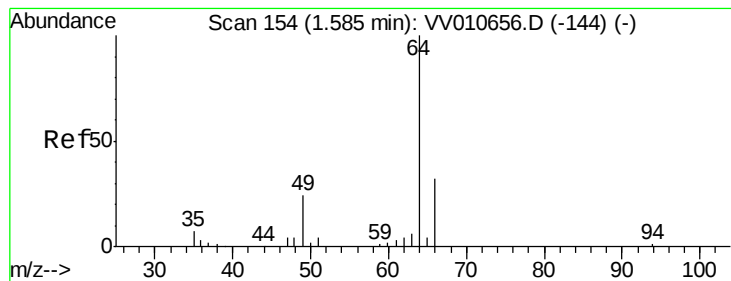
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 6.593 ug/L

RT: 1.87 min Scan# 243

Delta R.T. 0.29 min

Lab File: VV010667.D

Acq: 03 May 2019 20:26

Instrument :

MSVOA\_V

ClientSampleId :

GAJ74

Tgt Ion: 64 Resp: 47

Ion Ratio Lower Upper

64 100

66 0.0 22.5 41.7#

