

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022619\  
 Data File : VV009370.D  
 Acq On : 26 Feb 2019 16:51  
 Operator : SY/MD  
 Sample : K1579-11  
 Misc : 7.25G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DB608

Manual Integrations  
 APPROVED

MMDadoda  
 2/27/2019 5:44:14 PM

Quant Time: Feb 27 05:48:34 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM022619S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Feb 27 04:43:55 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 164736   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 136736   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 44470    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 60866    | 29.37    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 117.48%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 86618    | 32.14    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 128.56%  |
| 10) 1,1-Dichloroethene-d2      | 2.13   | 63    | 116310   | 21.22    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 84.88%   |
| 20) 2-Butanone-d5              | 3.96   | 46    | 26682    | 42.73    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 85.46%   |
| 24) Chloroform-d               | 4.40   | 84    | 111107   | 27.81    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 111.24%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 64826    | 29.33    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 117.32%  |
| 29) Benzene-d6                 | 5.10   | 84    | 224126   | 30.83    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 123.32%  |
| 33) 1,2-Dichloropropane-d6     | 6.12   | 67    | 70166    | 32.94    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 131.76%# |
| 37) Toluene-d8                 | 7.36   | 98    | 204832   | 29.38    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 117.52%  |
| 38) trans-1,3-Dichloropropene- | 7.67   | 79    | 29014    | 27.25    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 109.00%  |
| 39) 2-Hexanone-d5              | 8.14   | 63    | 23425    | 51.96    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 103.92%  |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 57445    | 27.61    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 110.44%  |
| 61) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 43938    | 26.67    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 106.68%  |

| Target Compounds       |      |    |       | Ovalue     |
|------------------------|------|----|-------|------------|
| 16) Methylene chloride | 2.53 | 84 | 2886m | 1.293 ug/L |

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

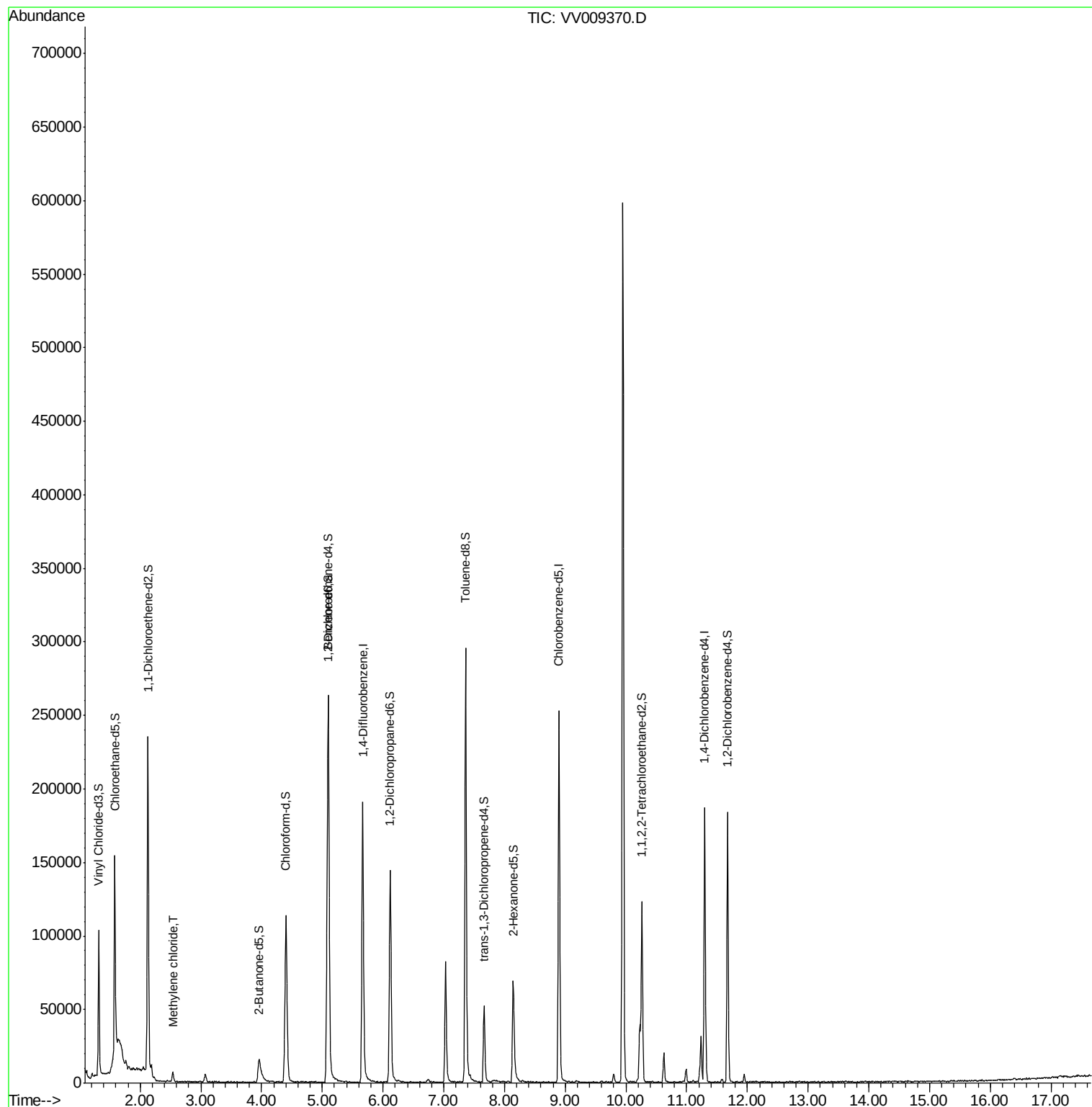
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV022619\  
Data File : VV009370.D  
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ALS Vial : 1 Sample Multiplier: 1

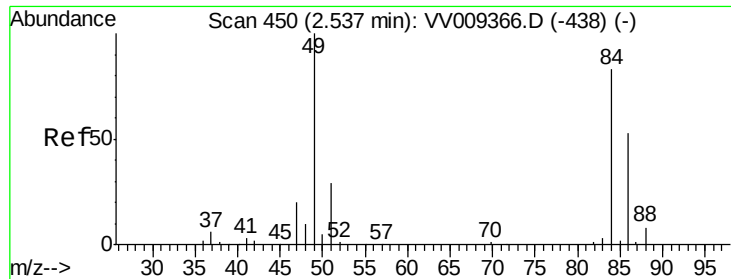
Instrument :  
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Quant Time: Feb 27 05:48:34 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM022619S.M  
Quant Title : VOC Analysis  
QLast Update : Wed Feb 27 04:43:55 2019  
Response via : Initial Calibration





#16  
Methylene chloride  
Concen: 1.293 ug/L m  
RT: 2.53 min Scan# 449  
Delta R.T. -0.00 min  
Lab File: VV009370.D  
Acq: 26 Feb 2019 16:51

Instrument :  
MSVOA\_V  
ClientSampleId :  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 84    | Resp: | 2886  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 141.4 | 84.6  | 157.0 |
| 86       | 62.4  | 46.1  | 85.7  |

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