

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\  
 Data File : VW010216.D  
 Acq On : 30 Apr 2019 12:30  
 Operator : SY/VA  
 Sample : K2613-01RE  
 Misc : 4.77G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFH39RE

Manual Integrations  
 APPROVED

MMDadoda  
 5/2/2019 1:31:19 PM

Quant Time: May 01 04:43:27 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM042919S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed May 01 03:52:51 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 510430   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 497825   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 130584   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 102185   | 17.64    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 70.56% |
| 7) Chloroethane-d5             | 2.89   | 69    | 92525    | 19.49    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 77.96% |
| 10) 1,1-Dichloroethene-d2      | 4.00   | 63    | 164935   | 12.81    | ug/L | -0.01  |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 51.24% |
| 20) 2-Butanone-d5              | 7.08   | 46    | 66633    | 31.20    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 62.40% |
| 24) Chloroform-d               | 7.65   | 84    | 274846   | 20.78    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 83.12% |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 151846   | 19.98    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 79.92% |
| 29) Benzene-d6                 | 8.27   | 84    | 471733   | 17.60    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 70.40% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 158263   | 18.90    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 75.60% |
| 37) Toluene-d8                 | 10.32  | 98    | 401434   | 16.47    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 65.88% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 57004    | 14.77    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 59.08% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 51892    | 29.49    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 58.98% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 143669   | 20.09    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 80.36% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 103910   | 21.42    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 85.68% |

| Target Compounds |      |    |       | Ovalue     |
|------------------|------|----|-------|------------|
| 13) Acetone      | 4.12 | 43 | 3913m | 2.318 ug/L |

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

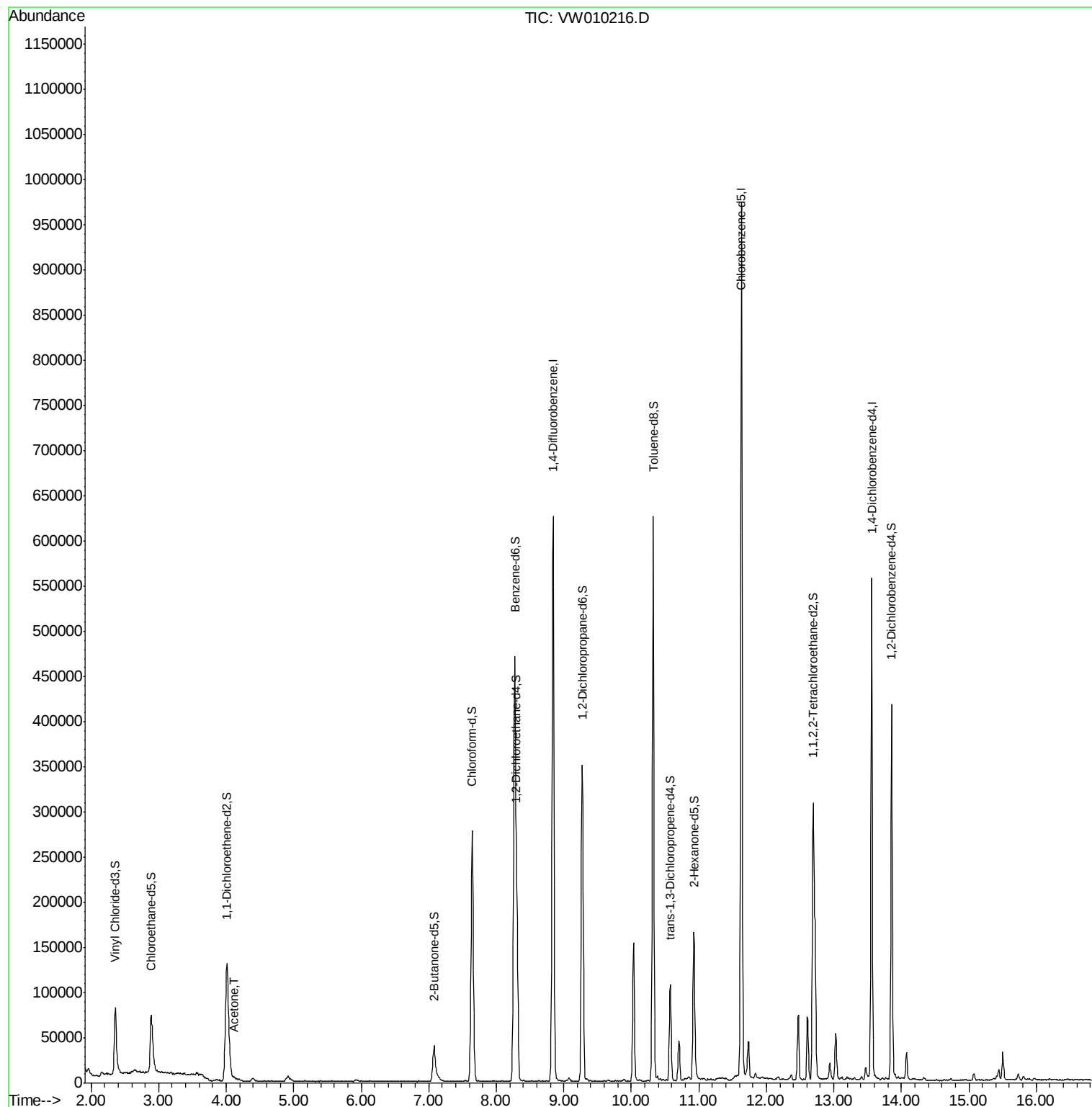
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042919\  
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ALS Vial : 1 Sample Multiplier: 1

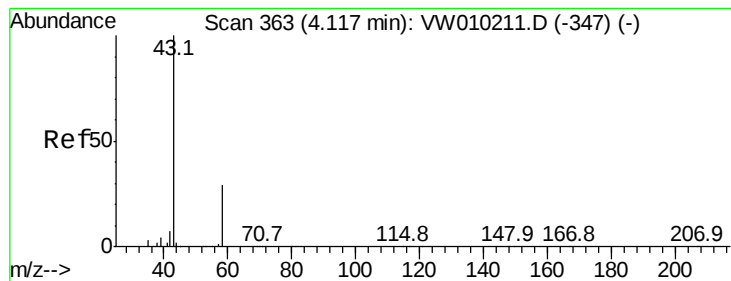
Instrument :  
MSVOA\_W  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM042919S.M  
Quant Title : VOC Analysis  
QLast Update : Wed May 01 03:52:51 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 2.318 ug/L m

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW010216.D

Acq: 30 Apr 2019 12:30

Instrument :

MSVOA\_W

ClientSampleId :

BFH39RE

Tot Ion: 43 Resp: 3913

Ion Ratio Lower Upper

43 100

58 11.6 0.0 59.8

Manual Integrations

APPROVED

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