

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV041119\  
 Data File : VV010257.D  
 Acq On : 11 Apr 2019 22:52  
 Operator : SY/MD  
 Sample : K2278-11  
 Misc : 4.93G/10mL/MSVOA\_V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DB6Y2

Manual Integrations  
 APPROVED

MMDadoda  
 4/15/2019 12:29:36 AM

Quant Time: Apr 12 05:05:53 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM041019S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Apr 12 04:45:26 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 345797   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 315643   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 130438   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 50435    | 12.67    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 50.68%  |
| 7) Chloroethane-d5             | 1.55   | 69    | 60827    | 17.78    | ug/L | -0.02   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 71.12%  |
| 10) 1,1-Dichloroethene-d2      | 2.11   | 63    | 100293   | 9.90     | ug/L | -0.02   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 39.60%# |
| 20) 2-Butanone-d5              | 3.92   | 46    | 48550m   | 48.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 96.40%  |
| 24) Chloroform-d               | 4.39   | 84    | 144917   | 18.35    | ug/L | -0.01   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 73.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.07   | 65    | 95234    | 21.17    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 84.68%  |
| 29) Benzene-d6                 | 5.09   | 84    | 306056   | 20.11    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 80.44%  |
| 33) 1,2-Dichloropropane-d6     | 6.11   | 67    | 98680    | 21.80    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 87.20%  |
| 37) Toluene-d8                 | 7.36   | 98    | 279618   | 18.84    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 75.36%  |
| 38) trans-1,3-Dichloropropene- | 7.66   | 79    | 32704    | 17.33    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 69.32%  |
| 39) 2-Hexanone-d5              | 8.13   | 63    | 31210    | 39.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 79.84%  |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 81876    | 20.15    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 80.60%  |
| 61) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 101603   | 21.09    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 84.36%  |

| Target Compounds       |      |    |       |            | Qvalue |
|------------------------|------|----|-------|------------|--------|
| 13) Acetone            | 2.18 | 43 | 3462  | 3.217 ug/L | 84     |
| 16) Methylene chloride | 2.52 | 84 | 11754 | 1.736 ug/L | 93     |

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

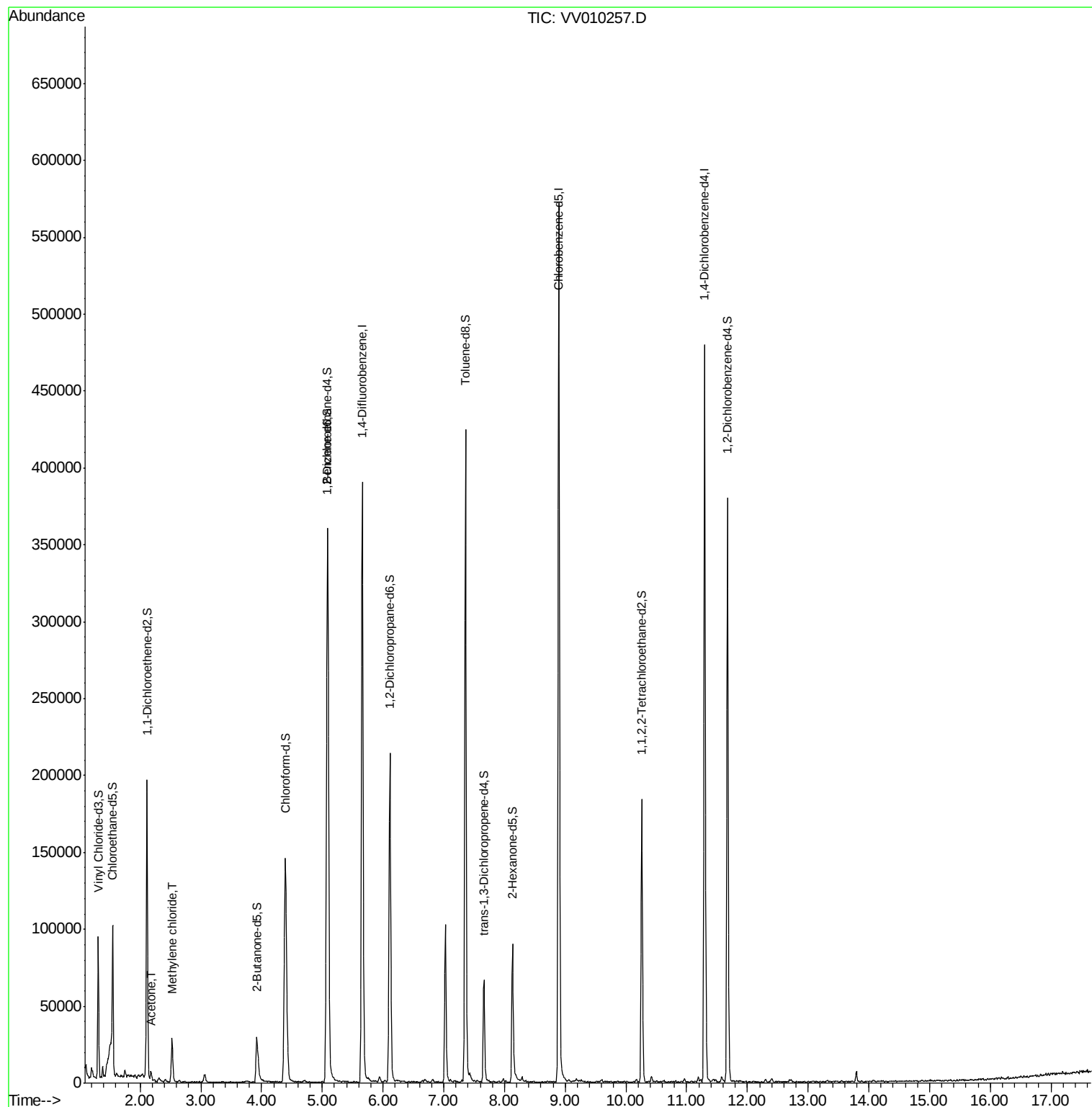
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_V\DATA\VV041119\  
Data File : VV010257.D  
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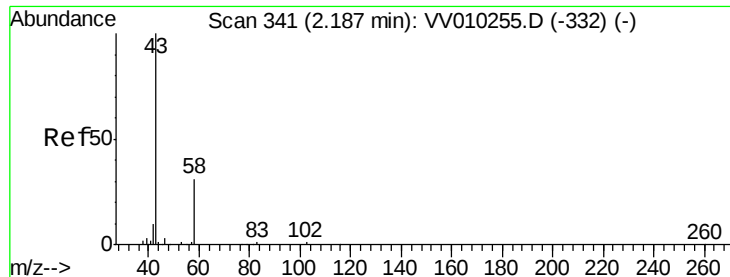
Instrument :  
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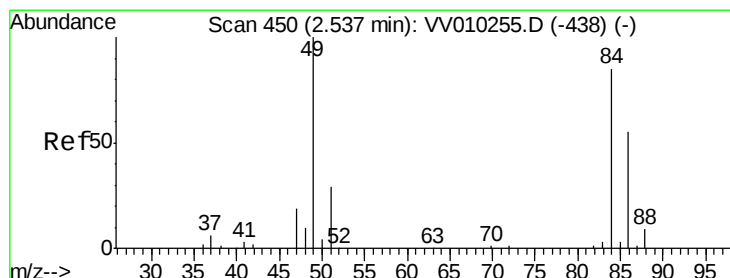
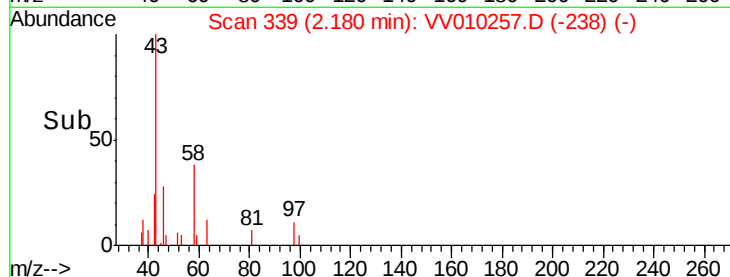
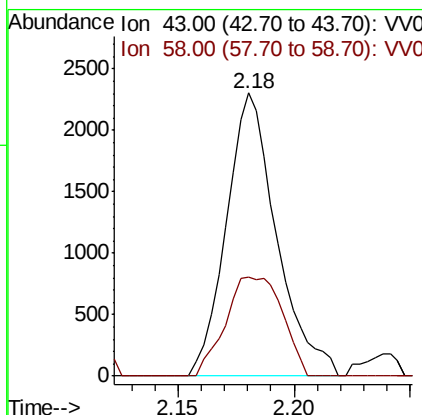
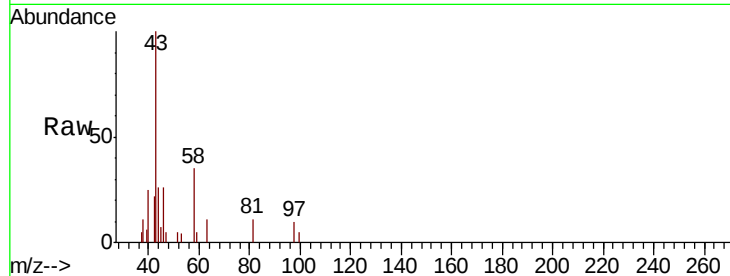
#13  
Acetone  
Concen: 3.217 ug/L  
RT: 2.18 min Scan# 339  
Delta R.T. -0.01 min  
Lab File: VV010257.D  
Acq: 11 Apr 2019 22:52

Instrument :  
MSVOA\_V  
ClientSampled :  
DB6Y2

Tgt Ion: 43 Resp: 3462  
Ion Ratio Lower Upper  
43 100  
58 39.7 0.0 61.6

Manual Integrations  
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#16  
Methylene chloride  
Concen: 1.736 ug/L  
RT: 2.52 min Scan# 446  
Delta R.T. -0.01 min  
Lab File: VV010257.D  
Acq: 11 Apr 2019 22:52

Tgt Ion: 84 Resp: 11754  
Ion Ratio Lower Upper  
84 100  
49 103.7 79.9 148.5  
86 62.9 44.5 82.7

