Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092820\
Data File : VW016660.D
Acq On : 28 Sep 2020 11:26
Operator : SY/VA
Sample : L4110-04
Misc : 5.04G/10ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** VHBLK01

**Manual Integrations APPROVED**
MMDadoda
9/30/2020 1:23:47 PM

Quant Time: Sep 29 05:47:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 29 05:26:53 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.85 | 114 | 645654 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 562452 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152 | 275525 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.37 | 65 | 106869 | 17.10 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 68.40% | | | |
| 7) Chloroethane-d5 | 2.90 | 69 | 97711 | 19.15 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 76.60% | | | |
| 10) 1,1-Dichloroethene-d2 | 4.03 | 63 | 175469 | 12.56 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 50.24% | | | |
| 20) 2-Butanone-d5 | 7.09 | 46 | 70847 | 41.58 | ug/L | 0.01 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 83.16% | | | |
| 24) Chloroform-d | 7.66 | 84 | 309749 | 22.93 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 91.72% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.31 | 65 | 163675 | 23.61 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 94.44% | | | |
| 29) Benzene-d6 | 8.28 | 84 | 549042 | 21.77 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 87.08% | | | |
| 33) 1,2-Dichloropropane-d6 | 9.28 | 67 | 164983 | 24.14 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 96.56% | | | |
| 37) Toluene-d8 | 10.33 | 98 | 504155 | 20.32 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 81.28% | | | |
| 38) trans-1,3-Dichloropropene- | 10.58 | 79 | 76383 | 22.17 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 88.68% | | | |
| 39) 2-Hexanone-d5 | 10.93 | 63 | 59186 | 47.60 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 95.20% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69 | 84 | 142846 | 24.56 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 98.24% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.86 | 152 | 215845 | 24.52 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 98.08% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 4.17 | 43 | 3831m | 2.870 | ug/L | |
| 16) Methylene chloride | 4.93 | 84 | 17555 | 1.763 | ug/L | 94 |

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

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**Instrument :**
MSVOA_W
**ClientSampleId :**
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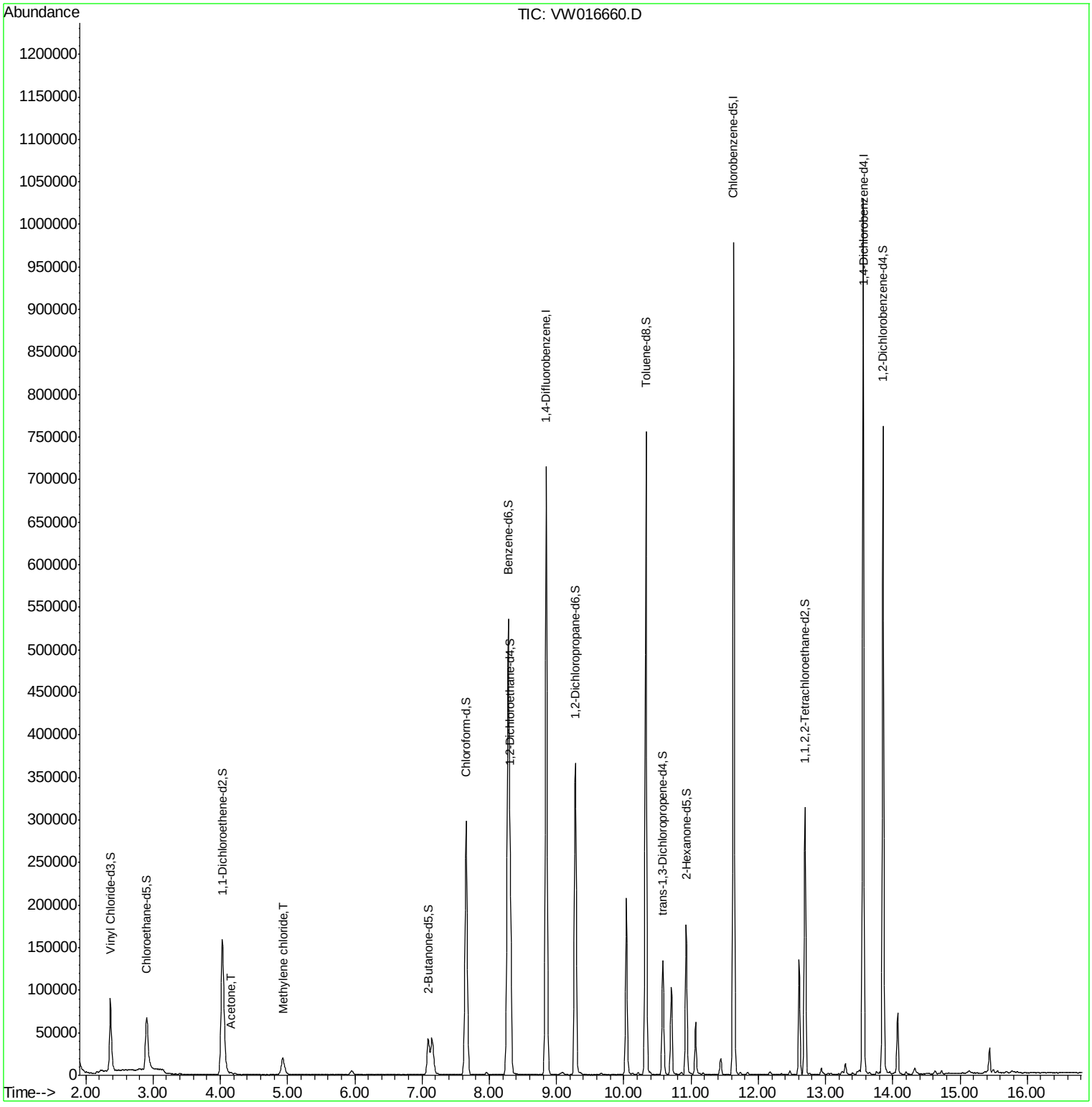
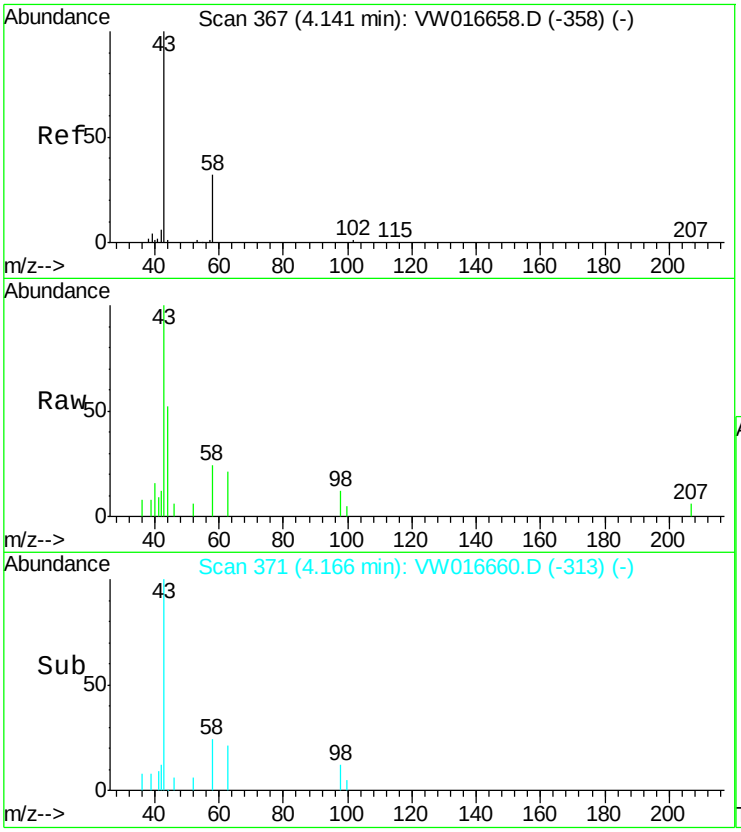
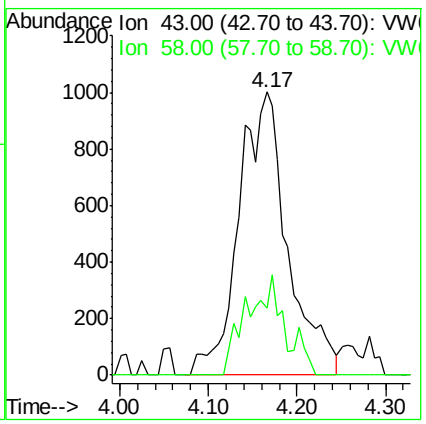





#13
Acetone
Concen: 2.870 ug/L m
RT: 4.17 min Scan# 371
Delta R.T. 0.02 min
Lab File: VW016660.D
Acq: 28 Sep 2020 11:26

Tgt Ion: 43 Resp: 3831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 8.6 | 0.0 | 60.2 |

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VHBLK01

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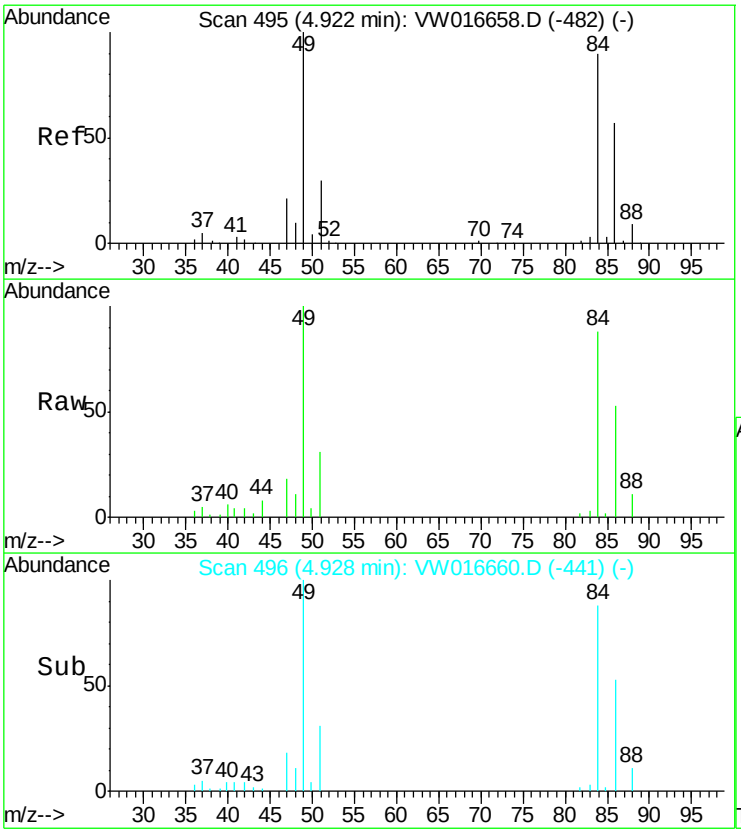


#16
Methylene chloride
Concen: 1.763 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW016660.D
Acq: 28 Sep 2020 11:26

Tgt Ion: 84 Resp: 17555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 113.8 | 76.0 | 141.2 |
| 86 | 59.9 | 45.6 | 84.6 |