Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112420\
Data File : VW017490.D
Acq On : 24 Nov 2020 22:13
Operator : SY/VA
Sample : L4861-10
Misc : 5.22G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** C0BE5

Quant Time: Nov 25 04:17:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 25 01:45:49 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.84 | 114 | 654577 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 563696 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152 | 264352 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.35 | 65 | 133768 | 15.54 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 62.16% | | | |
| 7) Chloroethane-d5 | 2.89 | 69 | 124549 | 17.14 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 68.56% | | | |
| 10) 1,1-Dichloroethene-d2 | 4.02 | 63 | 264065 | 13.77 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 55.08% | | | |
| 20) 2-Butanone-d5 | 7.08 | 46 | 74631 | 41.10 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 82.20% | | | |
| 24) Chloroform-d | 7.65 | 84 | 373729 | 20.10 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 80.40% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.31 | 65 | 205810 | 22.56 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 90.24% | | | |
| 29) Benzene-d6 | 8.27 | 84 | 654523 | 18.88 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 75.52% | | | |
| 33) 1,2-Dichloropropane-d6 | 9.27 | 67 | 206849 | 21.57 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 86.28% | | | |
| 37) Toluene-d8 | 10.32 | 98 | 620792 | 19.67 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 78.68% | | | |
| 38) trans-1,3-Dichloropropene- | 10.58 | 79 | 86137 | 20.10 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 80.40% | | | |
| 39) 2-Hexanone-d5 | 10.93 | 63 | 49483 | 41.68 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 83.36% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69 | 84 | 143062 | 20.73 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 82.92% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.85 | 152 | 205526 | 21.00 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 84.00% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 4.14 | 43 | 3079 | 1.762 | ug/L | 83 |
| 16) Methylene chloride | 4.92 | 84 | 28080 | 2.857 | ug/L | 95 |

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

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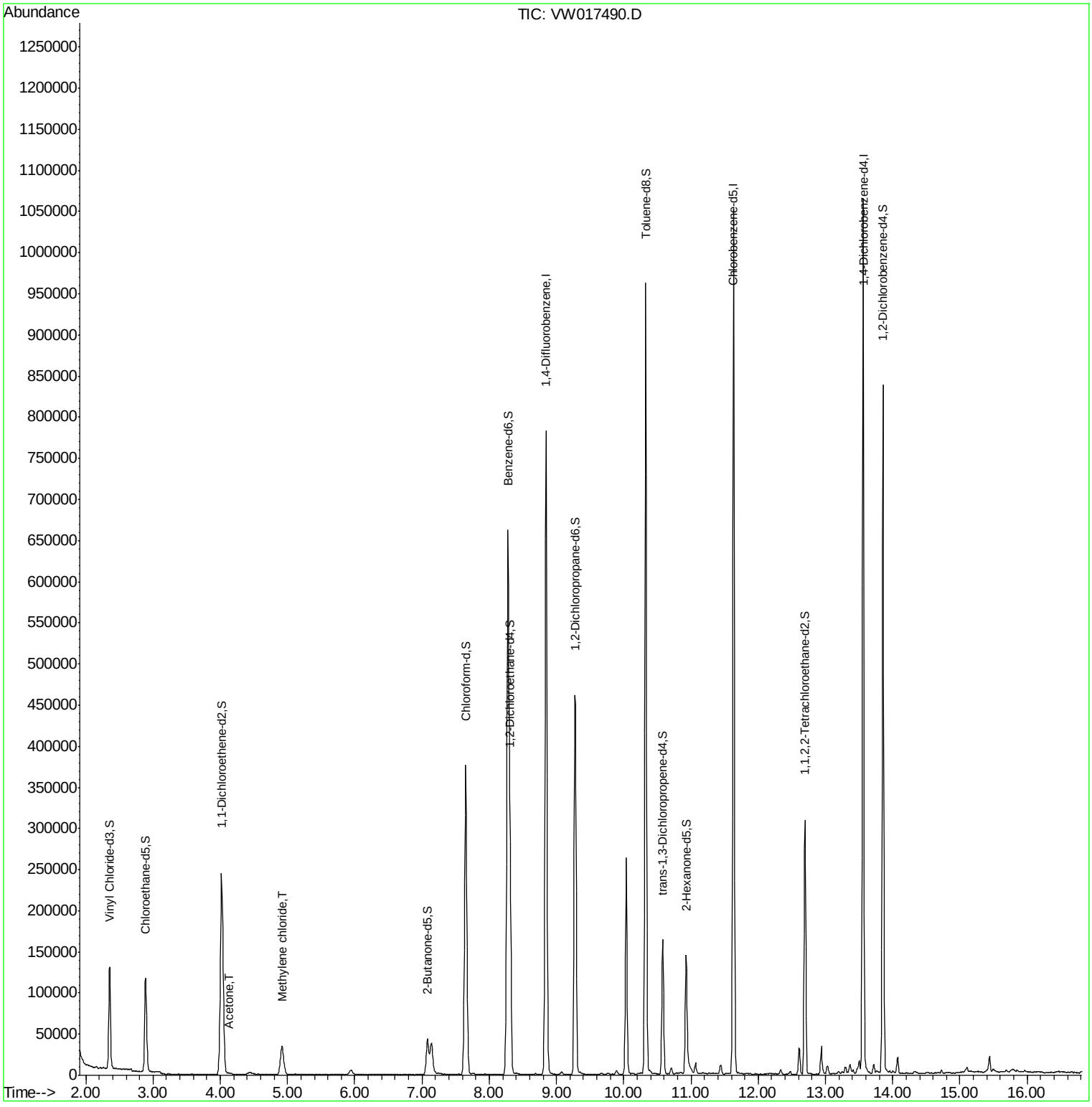
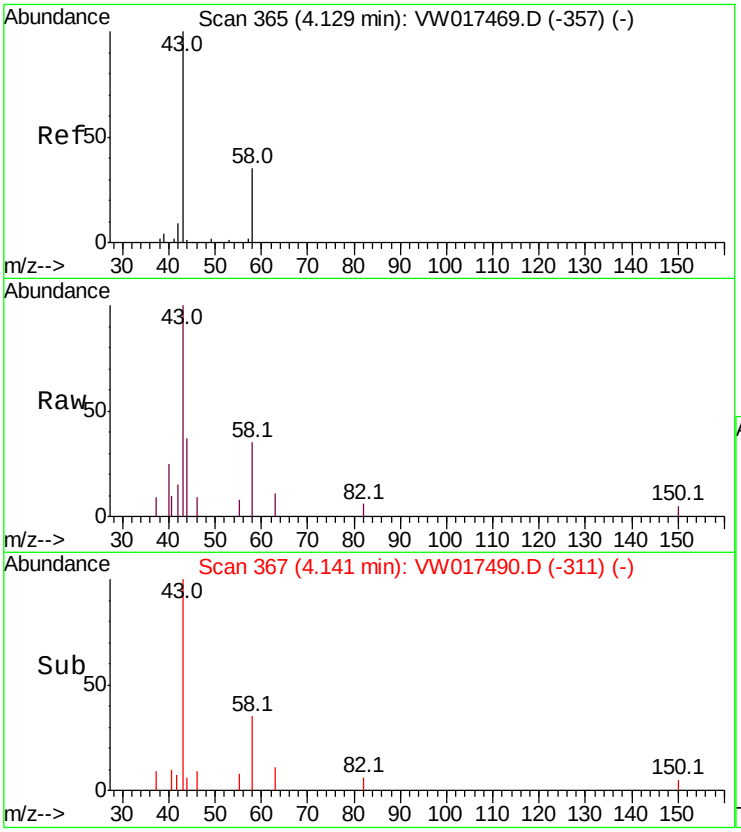


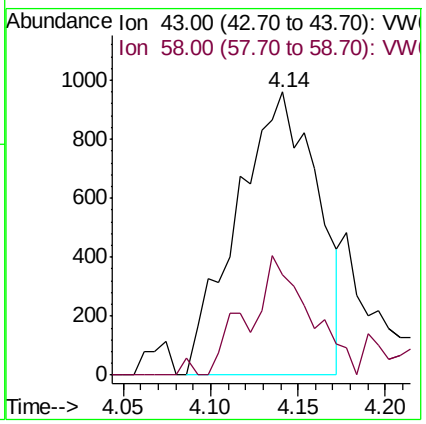


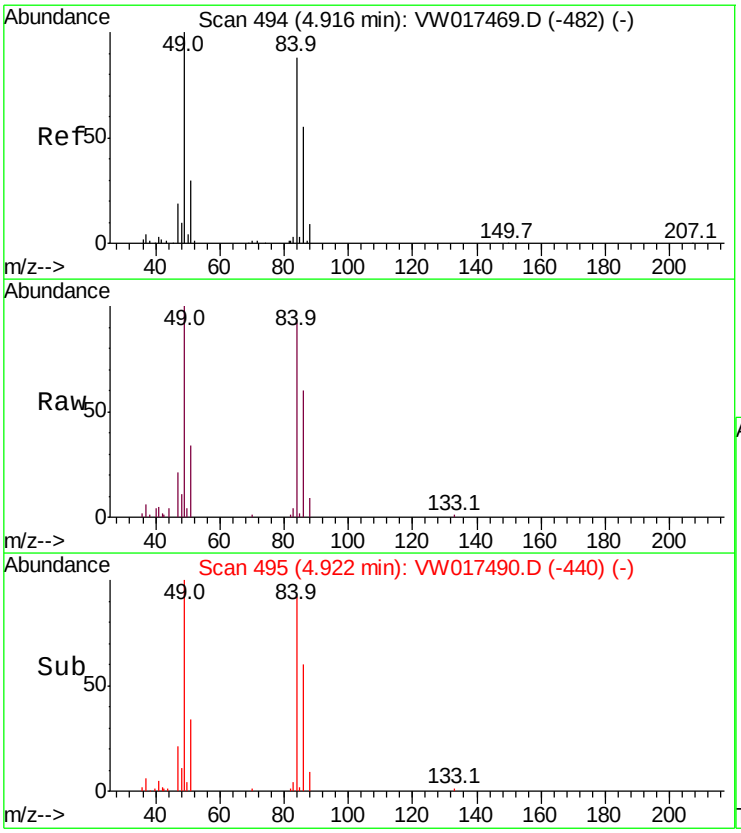

#13
Acetone
Concen: 1.762 ug/L
RT: 4.14 min Scan# 367
Delta R.T. 0.01 min
Lab File: VW017490.D
Acq: 24 Nov 2020 22:13

**Instrument :** MSVOA_W
**ClientSampleId :** C0BE5

Tgt Ion: 43 Resp: 3079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 24.3 | 0.0 | 68.4 |




#16
Methylene chloride
Concen: 2.857 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017490.D
Acq: 24 Nov 2020 22:13

Tgt Ion: 84 Resp: 28080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 108.9 | 81.2 | 150.8 |
| 86 | 65.0 | 44.5 | 82.7 |