Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092519\
Data File : VV012985.D
Acq On : 25 Sep 2019 19:06
Operator : SY/MD
Sample : K4988-10
Misc : 5.08G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** ESNZ7

Quant Time: Sep 26 03:52:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 01:10:53 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.66 | 114 | 617285 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.89 | 117 | 571230 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152 | 205022 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 209547 | 21.88 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 87.52% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 188993 | 24.41 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 97.64% | | | |
| 10) 1,1-Dichloroethene-d2 | 2.13 | 63 | 277568 | 17.43 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 69.72% | | | |
| 20) 2-Butanone-d5 | 3.93 | 46 | 95149 | 28.77 | ug/L | -0.02 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 57.54% | | | |
| 24) Chloroform-d | 4.40 | 84 | 398775 | 23.52 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 94.08% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.08 | 65 | 243124 | 24.66 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 98.64% | | | |
| 29) Benzene-d6 | 5.10 | 84 | 797506 | 25.01 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 100.04% | | | |
| 33) 1,2-Dichloropropane-d6 | 6.12 | 67 | 269725 | 26.98 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 107.92% | | | |
| 37) Toluene-d8 | 7.36 | 98 | 646946 | 22.35 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 89.40% | | | |
| 38) trans-1,3-Dichloropropene- | 7.66 | 79 | 84426 | 19.94 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 79.76% | | | |
| 39) 2-Hexanone-d5 | 8.13 | 63 | 65724 | 32.67 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 65.34% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26 | 84 | 209266 | 22.04 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 88.16% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 11.67 | 152 | 197583 | 24.80 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 99.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.19 | 43 | 5470 | 1.556 | ug/L | 93 |
| 16) Methylene chloride | 2.54 | 84 | 28008 | 3.036 | ug/L | 96 |

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

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**ClientSampleId :** ESNZ7

Quant Time: Sep 26 03:52:18 2019
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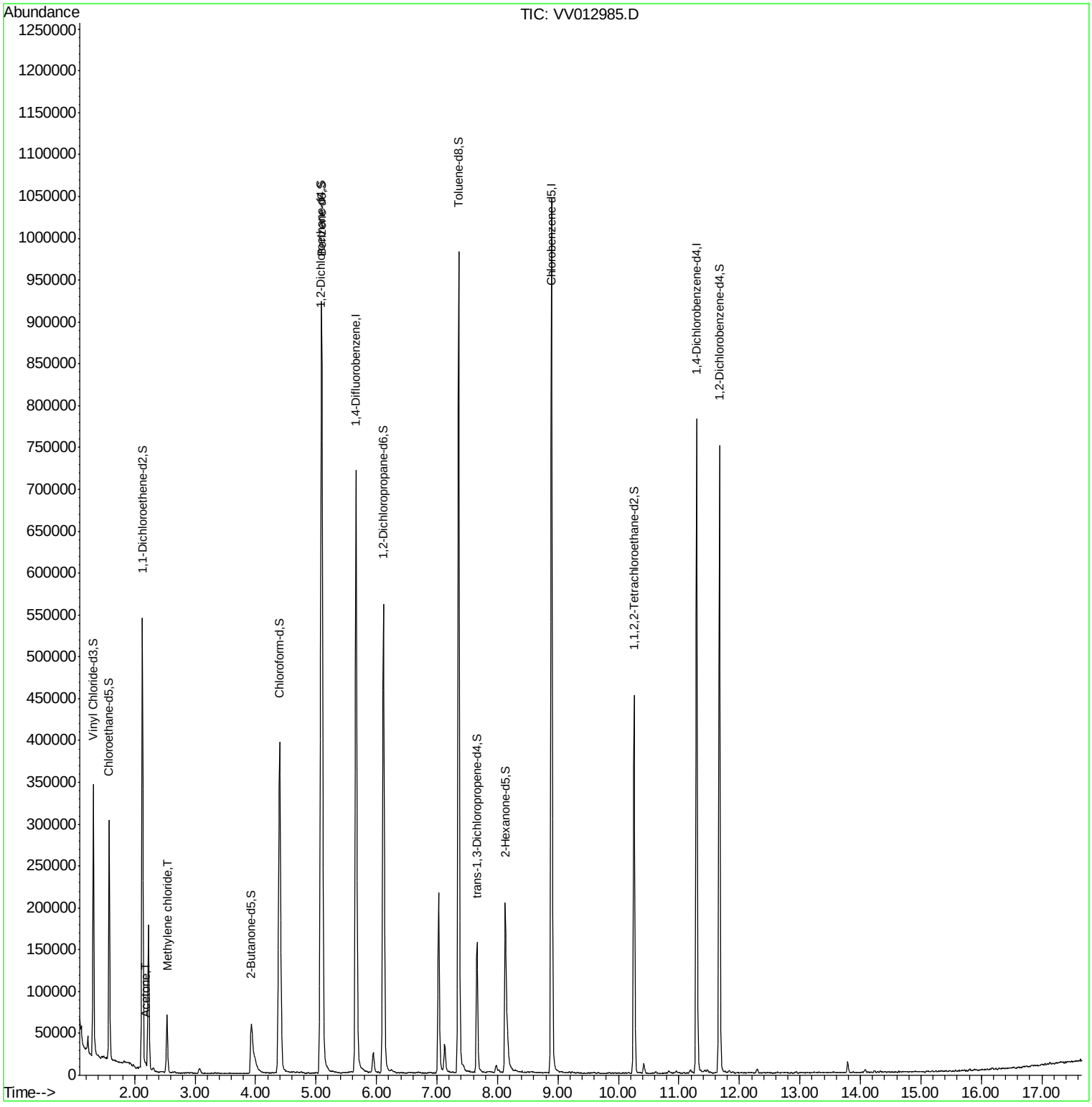
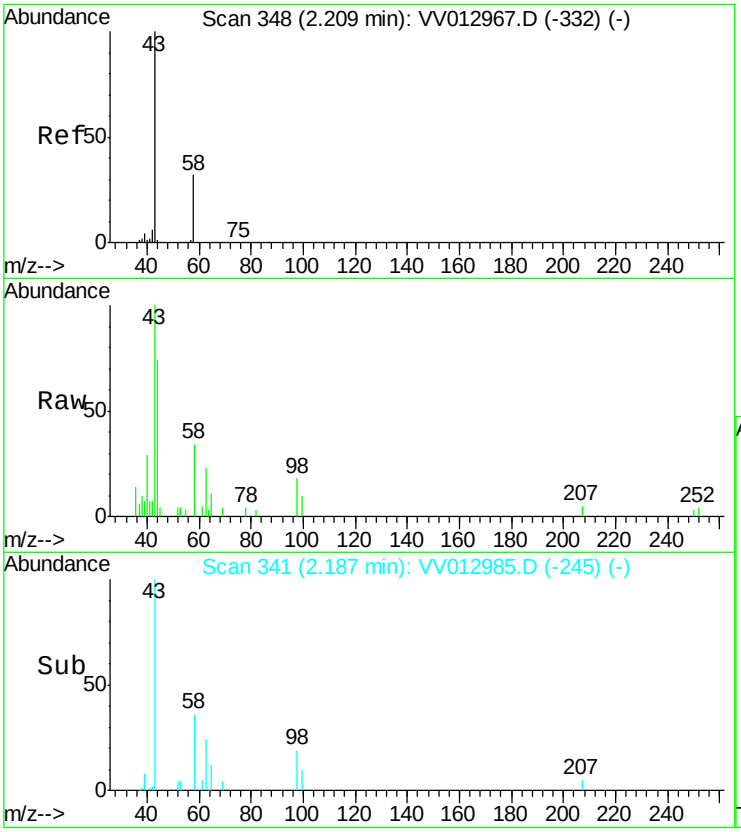
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 01:10:53 2019
Response via : Initial Calibration



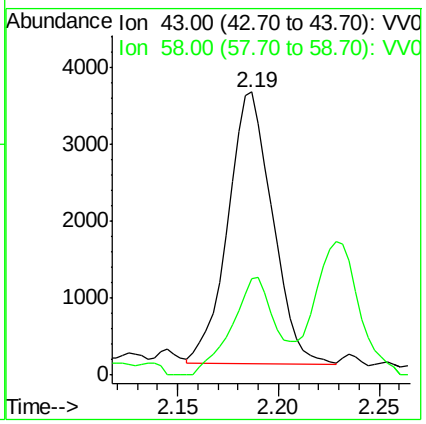


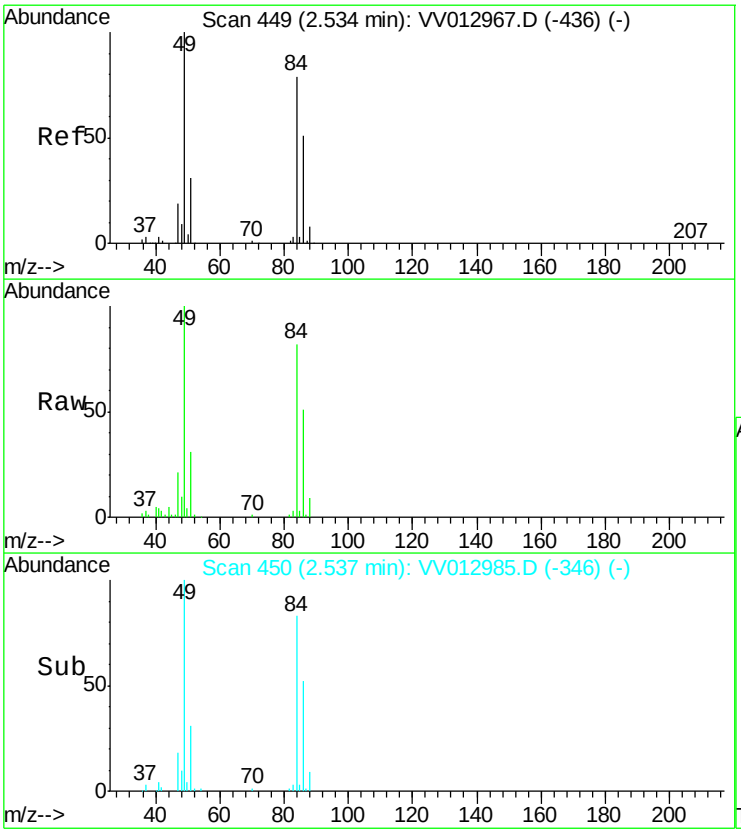

#13
Acetone
Concen: 1.556 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.02 min
Lab File: VV012985.D
Acq: 25 Sep 2019 19:06

**Instrument :** MSVOA_V
**ClientSampleId :** ESNZ7

Tgt Ion: 43 Resp: 5470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 36.3 | 0.0 | 65.0 |




#16
Methylene chloride
Concen: 3.036 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV012985.D
Acq: 25 Sep 2019 19:06

Tgt Ion: 84 Resp: 28008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 121.4 | 88.3 | 164.1 |
| 86 | 62.3 | 44.9 | 83.3 |