Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050919\
Data File : VV010772.D
Acq On : 09 May 2019 17:35
Operator : SY/MD
Sample : K2693-12
Misc : 4.46G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BFH62

Quant Time: May 10 06:47:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 05:43:08 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.66 | 114 | 86163 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.89 | 117 | 76159 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 23471 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 26781 | 20.01 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 80.04% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 25328 | 22.99 | ug/L | 0.01 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 91.96% | | | |
| 10) 1,1-Dichloroethene-d2 | 2.13 | 63 | 43511 | 14.99 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 59.96% | | | |
| 20) 2-Butanone-d5 | 3.93 | 46 | 13142 | 32.72 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 65.44% | | | |
| 24) Chloroform-d | 4.40 | 84 | 50745 | 21.60 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 86.40% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.08 | 65 | 31623 | 21.56 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 86.24% | | | |
| 29) Benzene-d6 | 5.10 | 84 | 97393 | 24.30 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 97.20% | | | |
| 33) 1,2-Dichloropropane-d6 | 6.11 | 67 | 32892 | 25.75 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 103.00% | | | |
| 37) Toluene-d8 | 7.36 | 98 | 81417 | 21.21 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 84.84% | | | |
| 38) trans-1,3-Dichloropropene- | 7.66 | 79 | 10670 | 18.32 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 73.28% | | | |
| 39) 2-Hexanone-d5 | 8.13 | 63 | 9737 | 36.43 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 72.86% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26 | 84 | 21744 | 18.11 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 72.44% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 11.67 | 152 | 18956 | 20.85 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 83.40% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.18 | 43 | 3235 | 5.202 | ug/L | 93 |
| 16) Methylene chloride | 2.53 | 84 | 2150 | 1.614 | ug/L | 89 |

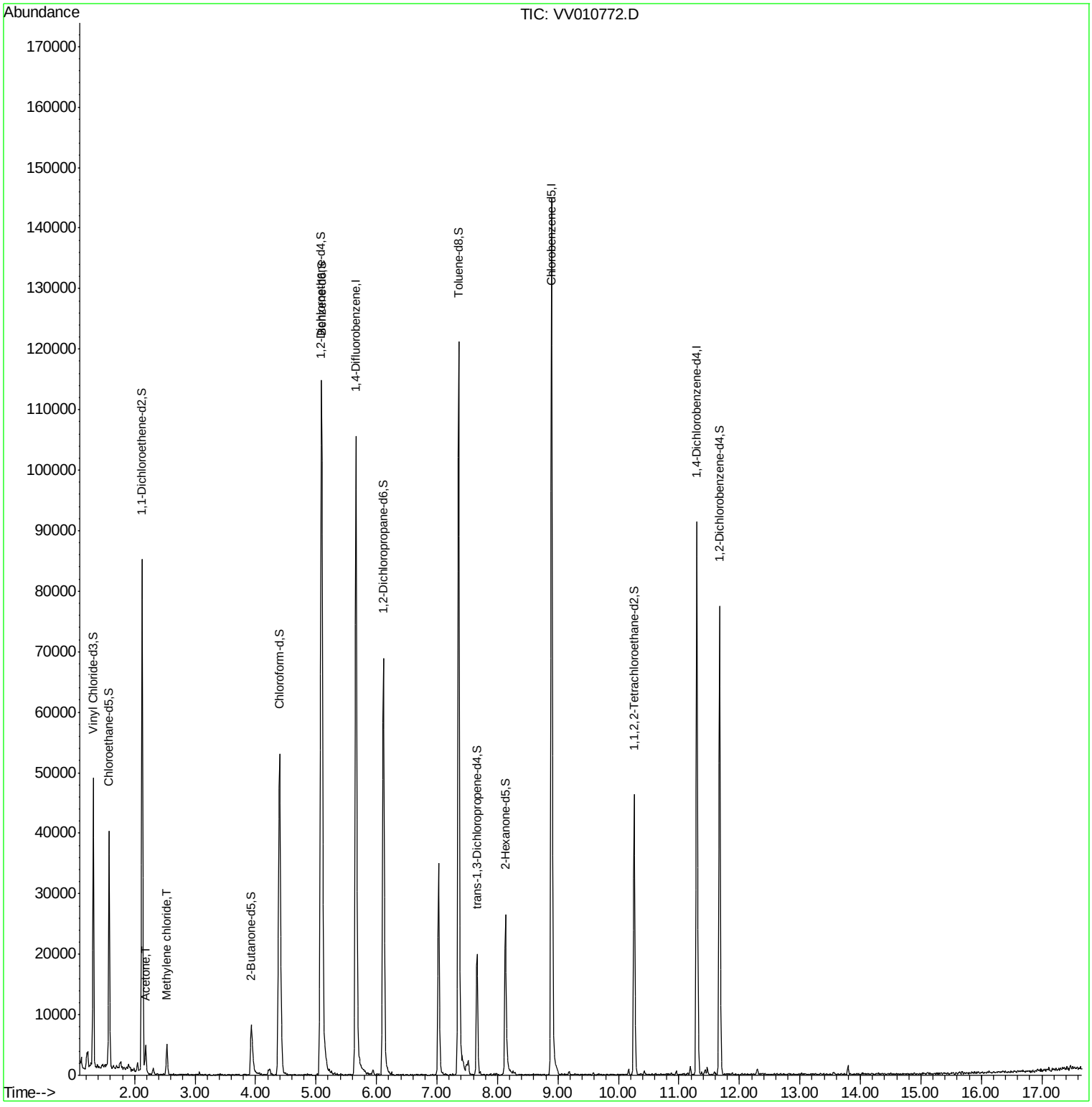
(#) = qualifier out of range (m) = manual integration (+) = signals summed

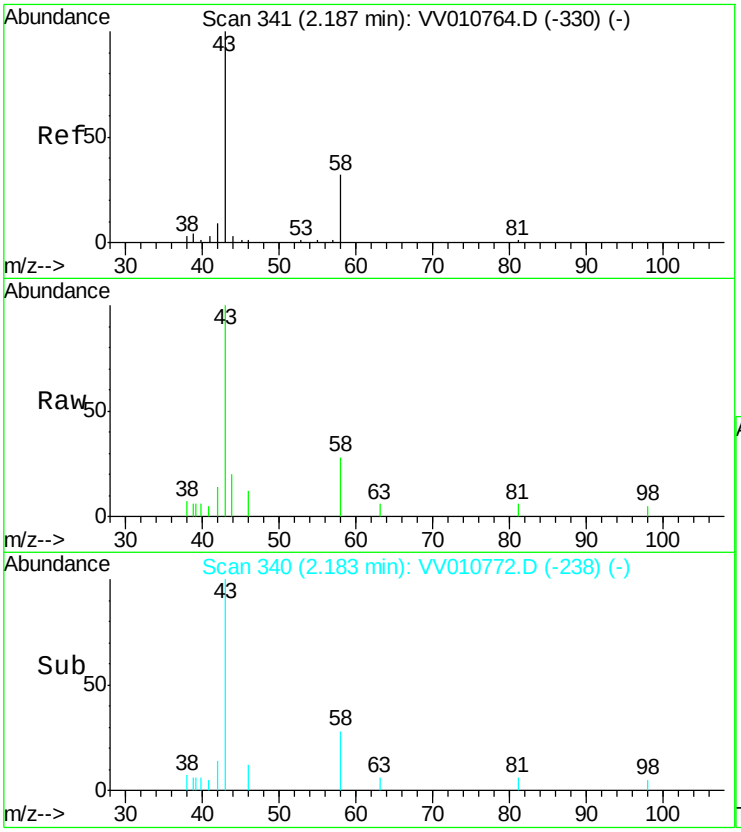
Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050919\
Data File : VV010772.D
Acq On : 09 May 2019 17:35
Operator : SY/MD
Sample : K2693-12
Misc : 4.46G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BFH62

Quant Time: May 10 06:47:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 05:43:08 2019
Response via : Initial Calibration



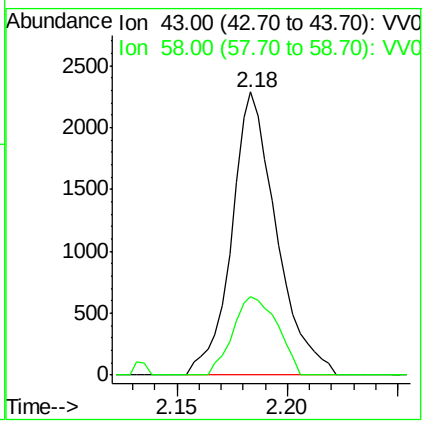


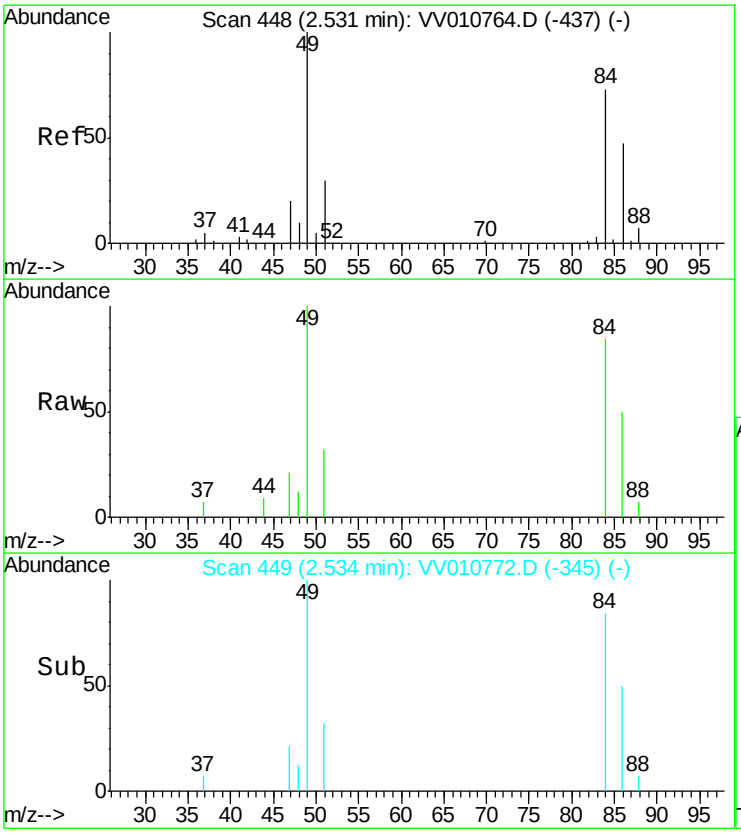

#13
Acetone
Concen: 5.202 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.00 min
Lab File: VV010772.D
Acq: 09 May 2019 17:35

**Instrument :**
MSVOA_V
**ClientSampleId :**
BFH62

Tgt Ion: 43 Resp: 3235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 27.7 | 0.0 | 63.4 |




#16
Methylene chloride
Concen: 1.614 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV010772.D
Acq: 09 May 2019 17:35

Tgt Ion: 84 Resp: 2150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 118.5 | 92.9 | 172.5 |
| 86 | 58.8 | 46.5 | 86.5 |