Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032819\

Quantitation Report (Not Reviewed)

Data File : VV009986.D
Acq On : 29 Mar 2019 01:23
Operator : SY/MD
Sample : K2122-08
Misc : 5.70G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BF5C1

Quant Time: Mar 29 04:24:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 04:20:29 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.66 | 114 | 149953 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.89 | 117 | 146918 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 56849 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 59724 | 19.63 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 78.52% | | | |
| 7) Chloroethane-d5 | 1.56 | 69 | 78107 | 23.77 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 95.08% | | | |
| 10) 1,1-Dichloroethene-d2 | 2.12 | 63 | 134506 | 16.16 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 64.64% | | | |
| 20) 2-Butanone-d5 | 3.93 | 46 | 23365 | 41.21 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 82.42% | | | |
| 24) Chloroform-d | 4.40 | 84 | 103062 | 26.98 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 107.92% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.08 | 65 | 59989 | 26.09 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 104.36% | | | |
| 29) Benzene-d6 | 5.10 | 84 | 198792 | 25.77 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 103.08% | | | |
| 33) 1,2-Dichloropropane-d6 | 6.12 | 67 | 61331 | 27.17 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 108.68% | | | |
| 37) Toluene-d8 | 7.36 | 98 | 172073 | 23.56 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 94.24% | | | |
| 38) trans-1,3-Dichloropropene- | 7.66 | 79 | 17329 | 18.77 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 75.08% | | | |
| 39) 2-Hexanone-d5 | 8.14 | 63 | 15349 | 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 | 46384 | 20.75 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 83.00% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 11.67 | 152 | 57117 | 26.39 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 105.56% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.19 | 43 | 2060 | 2.399 | ug/L | 58 |
| 16) Methylene chloride | 2.53 | 84 | 14264 | 5.776 | ug/L | 96 |
| 59) 1,2,3-Trichloropropane | 11.30 | 75 | 9109 | 5.616 | ug/L | 94 |

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

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Operator : SY/MD
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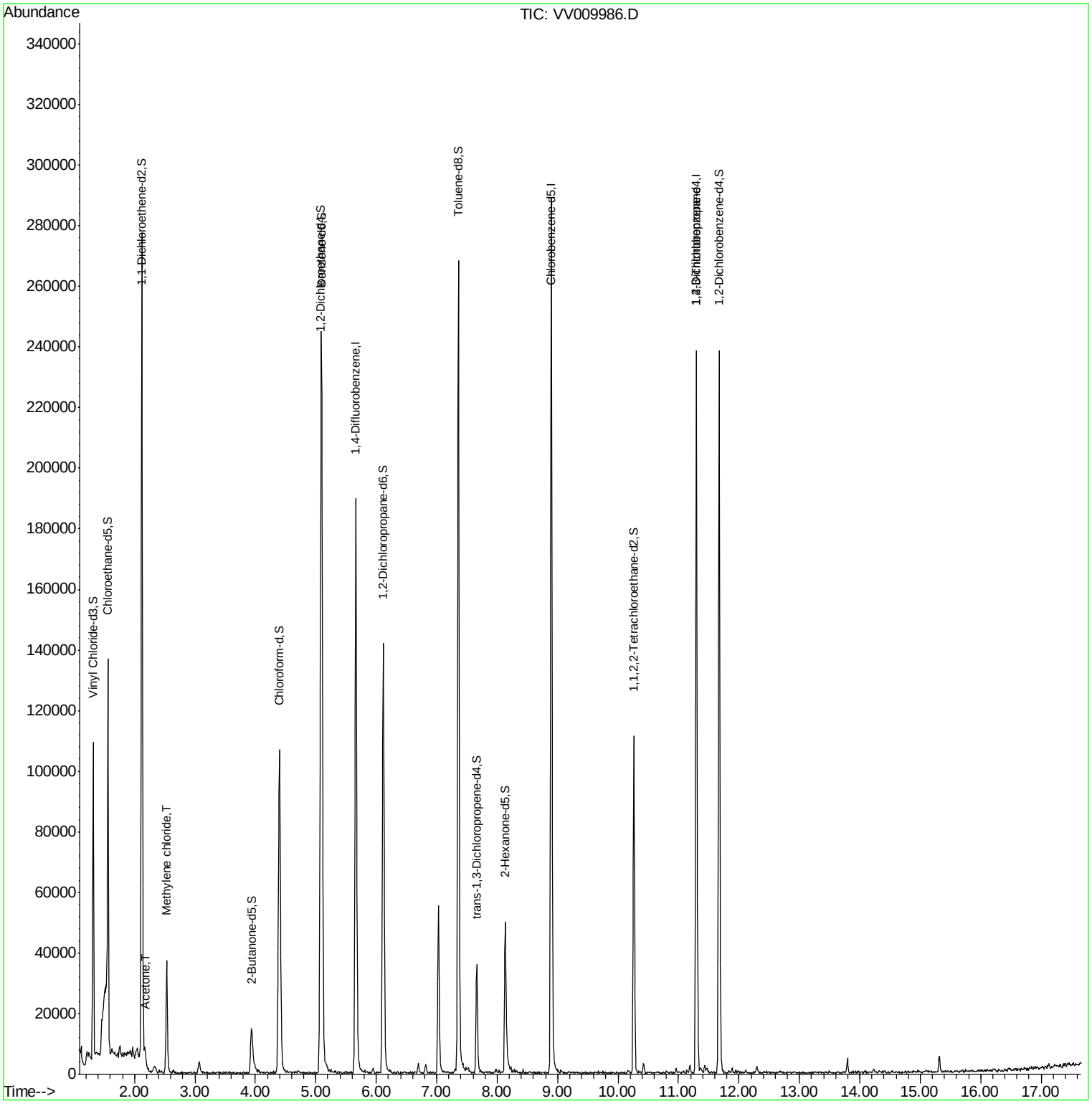
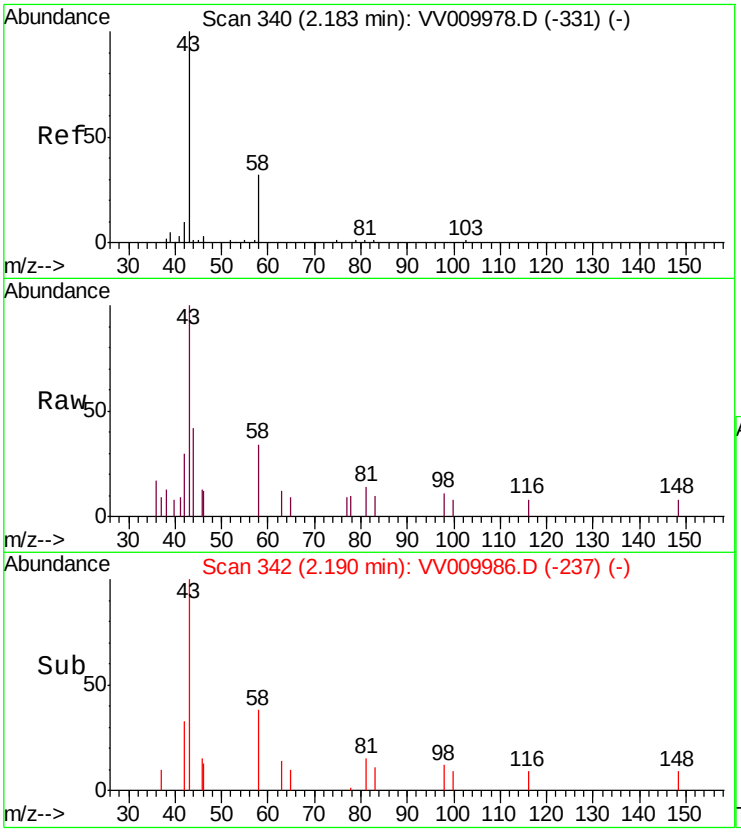
Misc : 5.70G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BF5C1

Quant Time: Mar 29 04:24:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 04:20:29 2019
Response via : Initial Calibration



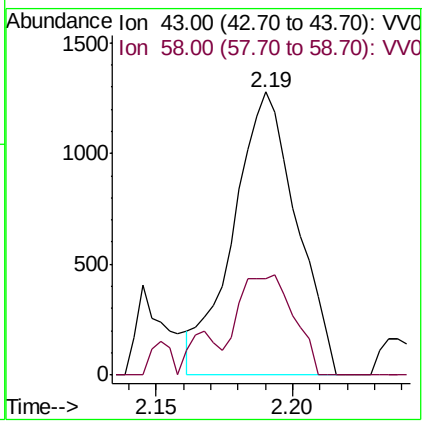


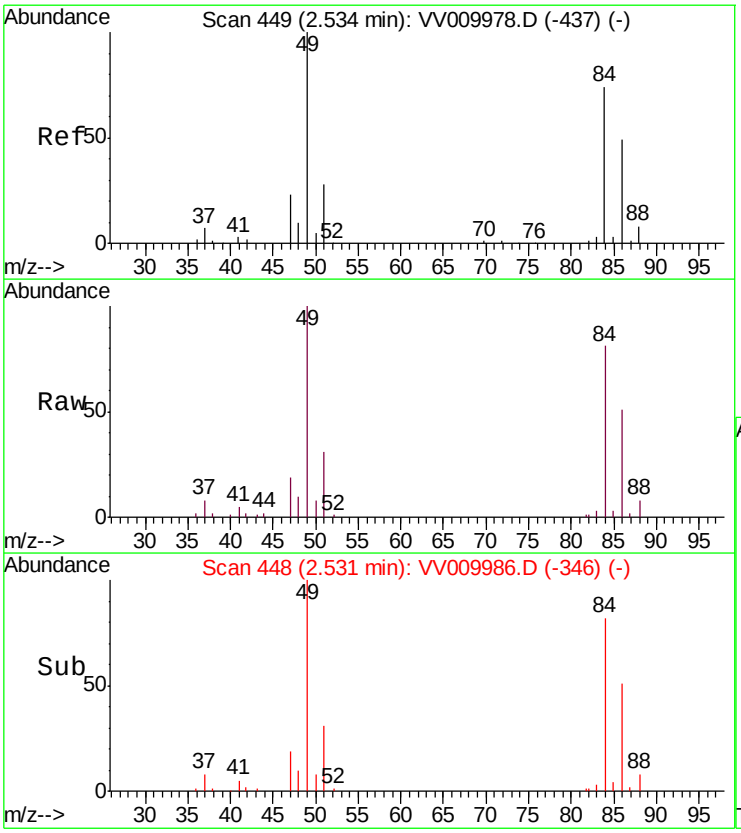

#13
Acetone
Concen: 2.399 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.01 min
Lab File: VV009986.D
Acq: 29 Mar 2019 01:23

**Instrument :**
MSVOA_V
**ClientSampleId :**
BF5C1

Tgt Ion: 43 Resp: 2060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 7.0 | 0.0 | 59.4 |

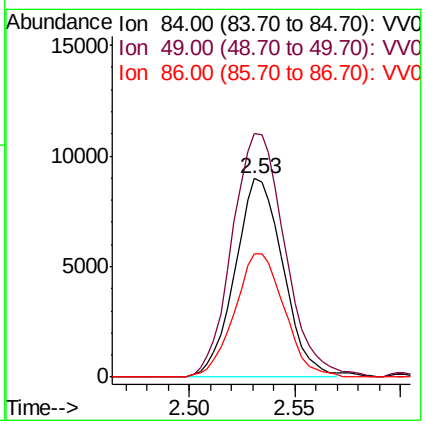


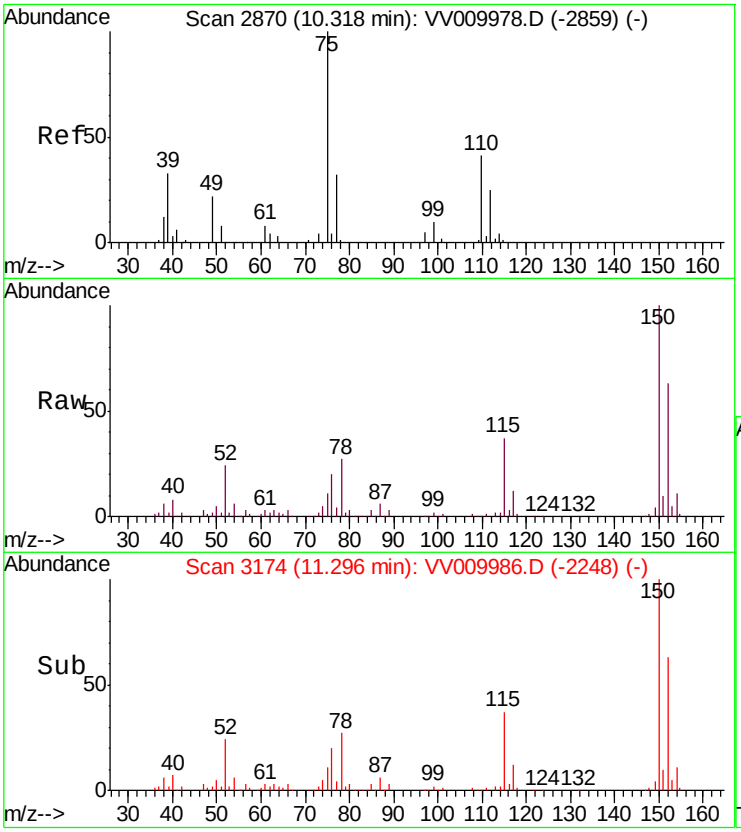




#16
Methylene chloride
Concen: 5.776 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV009986.D
Acq: 29 Mar 2019 01:23

Tgt Ion: 84 Resp: 14264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 122.7 | 90.4 | 167.8 |
| 86 | 62.4 | 44.0 | 81.6 |






#59
1,2,3-Trichloropropane
Concen: 5.616 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009986.D
Acq: 29 Mar 2019 01:23

**Instrument :**
MSVOA_V
**ClientSampleId :**
BF5C1

Tgt Ion: 75 Resp: 9109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 36.0 | 26.2 | 39.2 |