Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041619\
Data File : VV010337.D
Acq On : 16 Apr 2019 17:04
Operator : SY/MD
Sample : K2402-14
Misc : 5.09G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** GAHJ4

Quant Time: Apr 16 23:31:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 16 23:09:02 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.67 | 114 | 101385 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.90 | 117 | 102524 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 36734 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 15060 | 12.90 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 51.60% | | | |
| 7) Chloroethane-d5 | 1.59 | 69 | 17066 | 17.01 | ug/L | 0.03 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 68.04% | | | |
| 10) 1,1-Dichloroethene-d2 | 2.13 | 63 | 32880 | 11.07 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 44.28%# | | | |
| 20) 2-Butanone-d5 | 3.94 | 46 | 16079 | 54.44 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 108.88% | | | |
| 24) Chloroform-d | 4.41 | 84 | 44869 | 19.38 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 77.52% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.09 | 65 | 28782 | 21.83 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 87.32% | | | |
| 29) Benzene-d6 | 5.10 | 84 | 82944 | 16.78 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 67.12% | | | |
| 33) 1,2-Dichloropropane-d6 | 6.12 | 67 | 26913 | 18.30 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 73.20% | | | |
| 37) Toluene-d8 | 7.36 | 98 | 73145 | 15.17 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 60.68% | | | |
| 38) trans-1,3-Dichloropropene- | 7.67 | 79 | 10091 | 16.46 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 65.84% | | | |
| 39) 2-Hexanone-d5 | 8.14 | 63 | 7109 | 27.99 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 55.98% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26 | 84 | 29980 | 22.72 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 90.88% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 11.68 | 152 | 25286 | 18.64 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 74.56%# | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.19 | 43 | 2420 | 7.669 | ug/L | 84 |
| 16) Methylene chloride | 2.54 | 84 | 6016 | 3.030 | ug/L | 98 |

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

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ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
GAHJ4

Quant Time: Apr 16 23:31:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 16 23:09:02 2019
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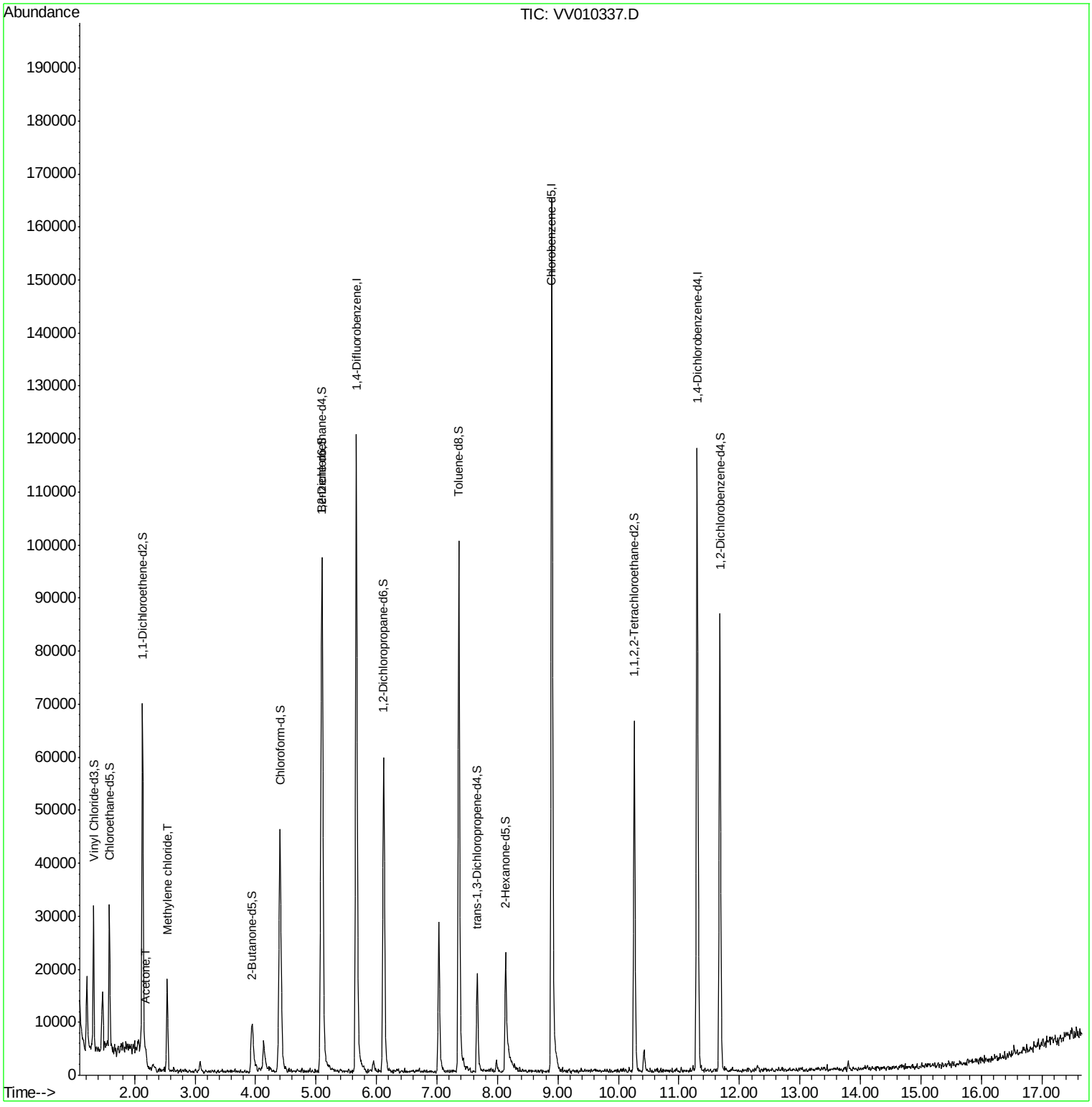
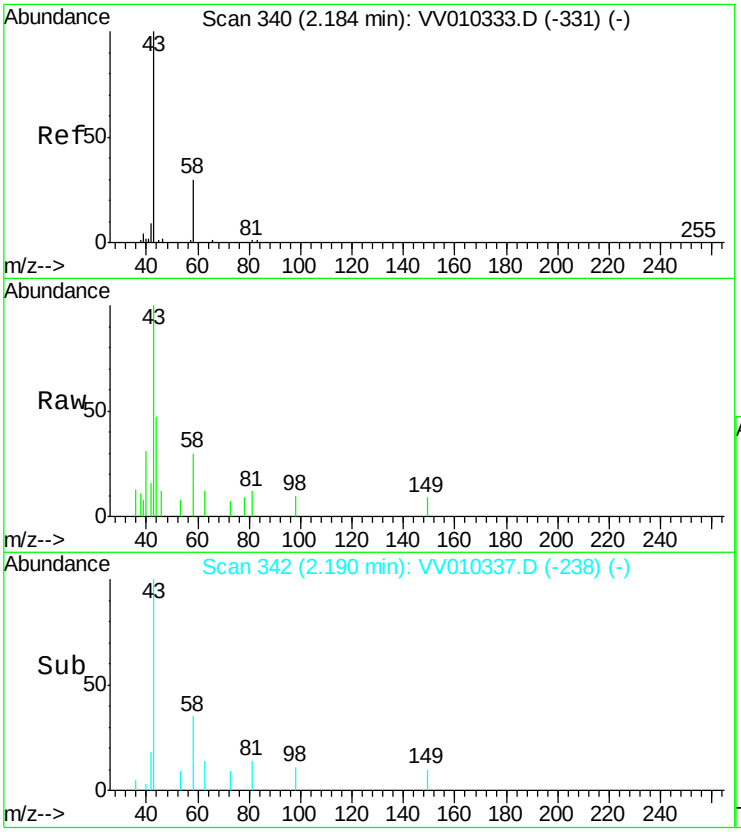


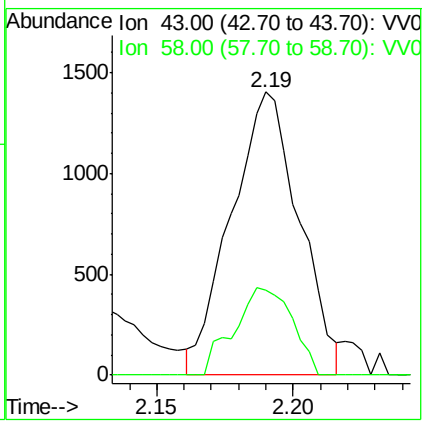


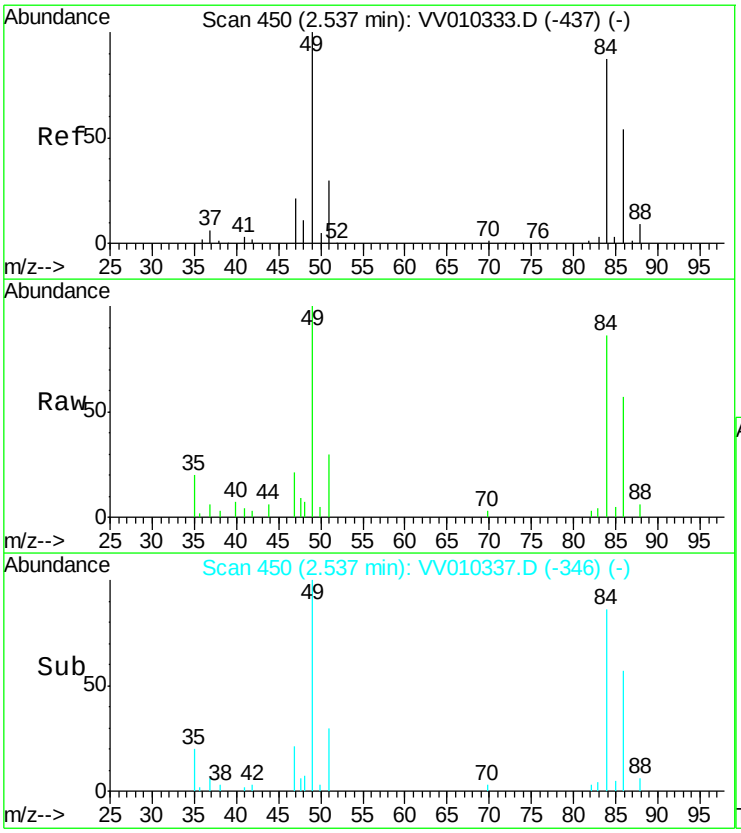

#13
Acetone
Concen: 7.669 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV010337.D
Acq: 16 Apr 2019 17:04

**Instrument :**
MSVOA_V
**ClientSampleId :**
GAHJ4

Tgt Ion: 43 Resp: 2420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 22.1 | 0.0 | 61.6 |




#16
Methylene chloride
Concen: 3.030 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV010337.D
Acq: 16 Apr 2019 17:04

Tgt Ion: 84 Resp: 6016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 116.2 | 79.9 | 148.5 |
| 86 | 66.2 | 44.5 | 82.7 |