Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010703.D
Acq On : 07 May 2019 20:45
Operator : SY/MD
Sample : K2633-11
Misc : 5.06G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** GAJA3

Quant Time: May 08 04:03:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 03:02:12 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.66 | 114 | 62355 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.90 | 117 | 74126 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 35275 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.31 | 65 | 5788 | 5.97 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 23.88%# | | | |
| 7) Chloroethane-d5 | 1.57 | 69 | 9033 | 11.33 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 45.32% | | | |
| 10) 1,1-Dichloroethene-d2 | 2.12 | 63 | 11155 | 5.31 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 21.24%# | | | |
| 20) 2-Butanone-d5 | 3.94 | 46 | 18594 | 63.97 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 127.94% | | | |
| 24) Chloroform-d | 4.40 | 84 | 37572 | 22.10 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 88.40% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.08 | 65 | 29227 | 27.53 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 110.12% | | | |
| 29) Benzene-d6 | 5.10 | 84 | 62497 | 16.02 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 64.08% | | | |
| 33) 1,2-Dichloropropane-d6 | 6.12 | 67 | 26492 | 21.31 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 85.24% | | | |
| 37) Toluene-d8 | 7.36 | 98 | 57429 | 15.37 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 61.48% | | | |
| 38) trans-1,3-Dichloropropene- | 7.66 | 79 | 10007 | 17.66 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 70.64% | | | |
| 39) 2-Hexanone-d5 | 8.13 | 63 | 14040 | 53.97 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 107.94% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26 | 84 | 28399 | 24.31 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 97.24% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 11.67 | 152 | 28584 | 20.92 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 83.68% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.19 | 43 | 3512 | 7.804 | ug/L | 98 |
| 16) Methylene chloride | 2.53 | 84 | 1783 | 1.849 | ug/L | 91 |

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

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**ClientSampleId :** GAJA3

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Quant Title : VOC Analysis
QLast Update : Wed May 08 03:02:12 2019
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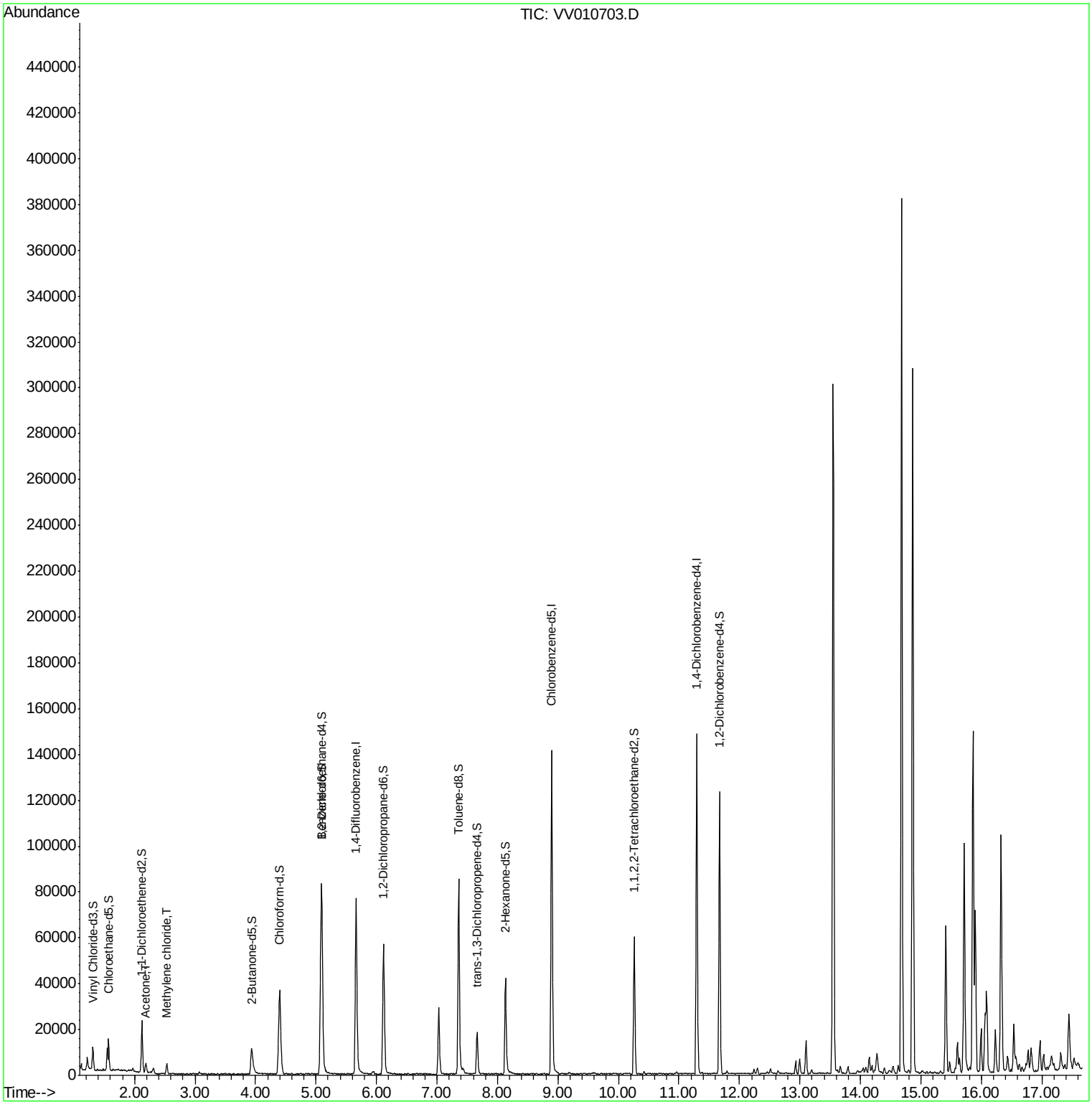
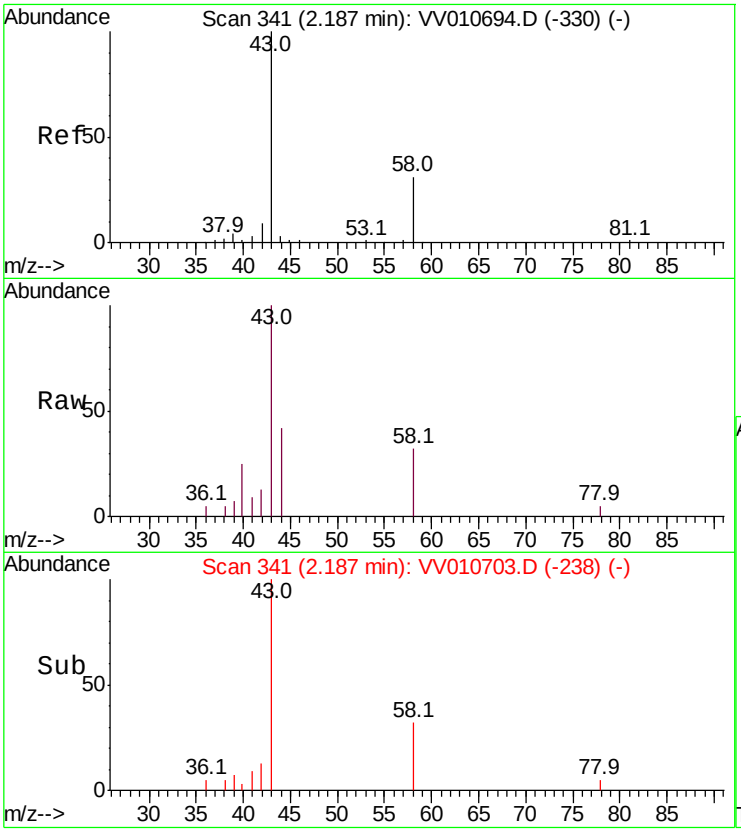


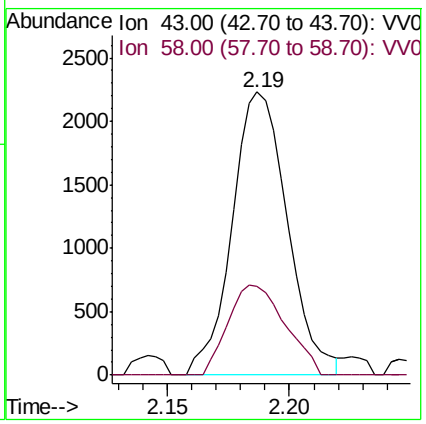


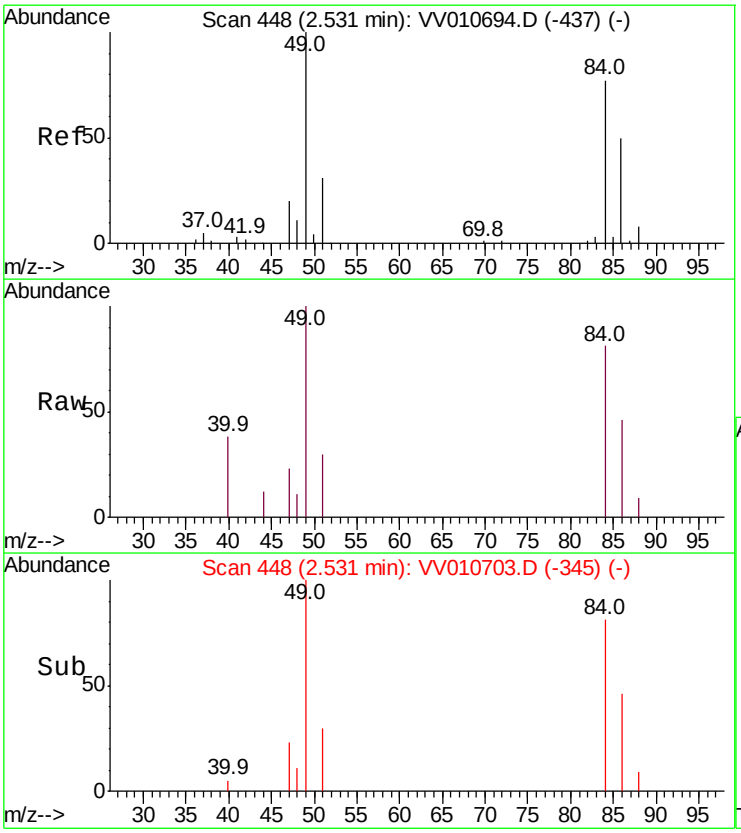

#13
Acetone
Concen: 7.804 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV010703.D
Acq: 07 May 2019 20:45

**Instrument :**
MSVOA_V
**ClientSampleId :**
GAJA3

Tgt Ion: 43 Resp: 3512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 32.9 | 0.0 | 63.4 |




#16
Methylene chloride
Concen: 1.849 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV010703.D
Acq: 07 May 2019 20:45

Tgt Ion: 84 Resp: 1783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 124.2 | 92.9 | 172.5 |
| 86 | 56.7 | 46.5 | 86.5 |