Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052919\

Quantitation Report (Not Reviewed)

Data File : VV011120.D
Acq On : 29 May 2019 23:17
Operator : SY/MD
Sample : KK3017-10
Misc : 4.22G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** A51E3

Quant Time: May 30 04:52:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
QLast Update : Thu May 30 04:49:33 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.66 | 114 | 287525 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.89 | 117 | 255030 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 93638 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 87720 | 22.25 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 89.00% | | | |
| 7) Chloroethane-d5 | 1.57 | 69 | 69863 | 24.83 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 99.32% | | | |
| 10) 1,1-Dichloroethene-d2 | 2.04 | 63 | 157 | 0.02 | ug/L | -0.08 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 0.08%# | | | |
| 20) 2-Butanone-d5 | 3.94 | 46 | 95772 | 70.49 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 140.98%# | | | |
| 24) Chloroform-d | 4.40 | 84 | 173581 | 24.89 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 99.56% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.08 | 65 | 118410 | 26.56 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 106.24% | | | |
| 29) Benzene-d6 | 5.10 | 84 | 360934 | 24.17 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 96.68% | | | |
| 33) 1,2-Dichloropropane-d6 | 6.12 | 67 | 117904 | 24.82 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 99.28% | | | |
| 37) Toluene-d8 | 7.36 | 98 | 311138 | 22.60 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 90.40% | | | |
| 38) trans-1,3-Dichloropropene- | 7.66 | 79 | 50702 | 22.91 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 91.64% | | | |
| 39) 2-Hexanone-d5 | 8.13 | 63 | 77658 | 75.03 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 150.06%# | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26 | 84 | 117714 | 28.82 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 115.28% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 11.67 | 152 | 84696 | 22.87 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 91.48% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 6) Bromomethane | 1.51 | 94 | 1417 | 0.770 | ug/L | 75 |
| 13) Acetone | 2.19 | 43 | 66534 | 43.227 | ug/L | 98 |
| 15) Methyl Acetate | 2.46 | 43 | 60967 | 27.443 | ug/L # | 100 |
| 21) 2-Butanone | 4.04 | 43 | 5327 | 2.810 | ug/L # | 70 |

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

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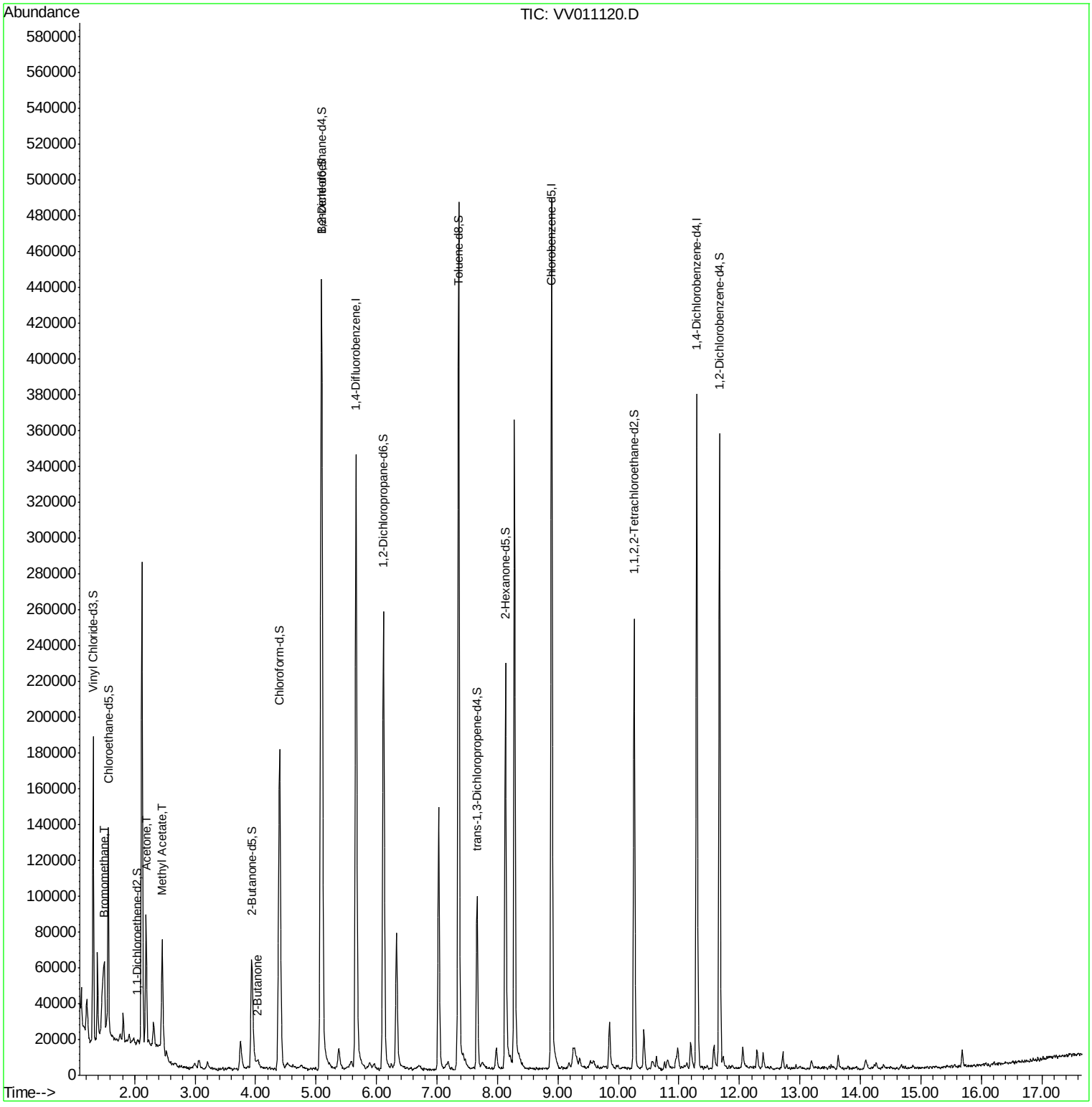
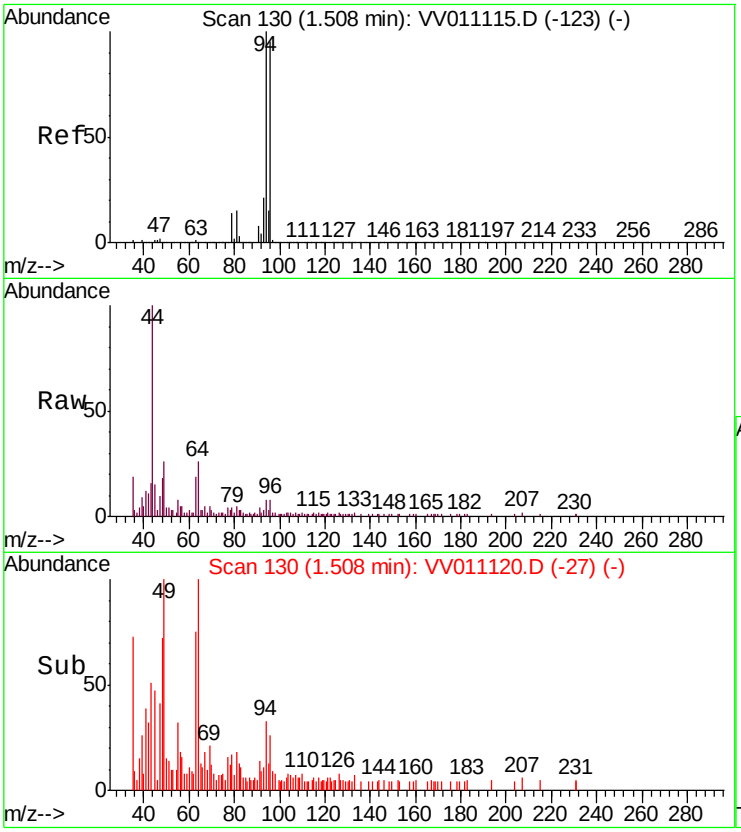
Sample : KK3017-10
Misc : 4.22G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** A51E3

Quant Time: May 30 04:52:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
QLast Update : Thu May 30 04:49:33 2019
Response via : Initial Calibration



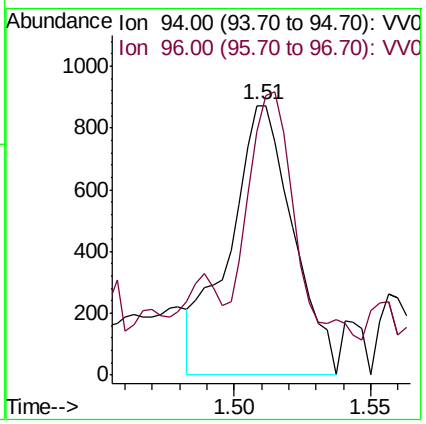


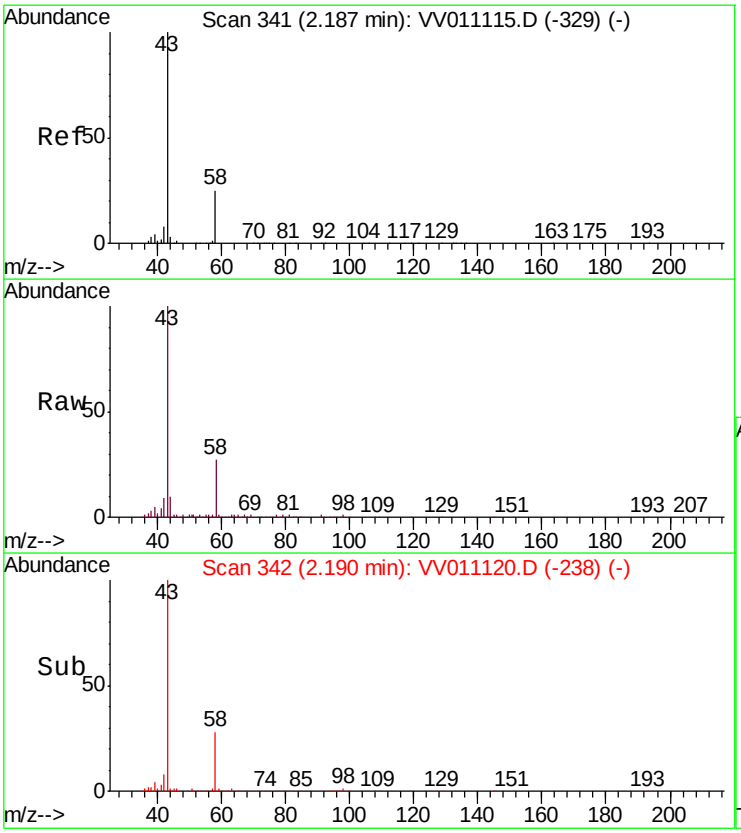

#6
Bromomethane
Concen: 0.770 ug/L
RT: 1.51 min Scan# 130
Delta R.T. 0.00 min
Lab File: VV011120.D
Acq: 29 May 2019 23:17

**Instrument :**
MSVOA_V
**ClientSampleId :**
A51E3

Tgt Ion: 94 Resp: 1417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 70.2 | 9.5 | 179.7 |

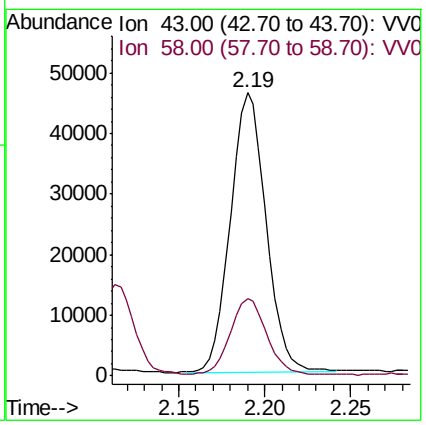


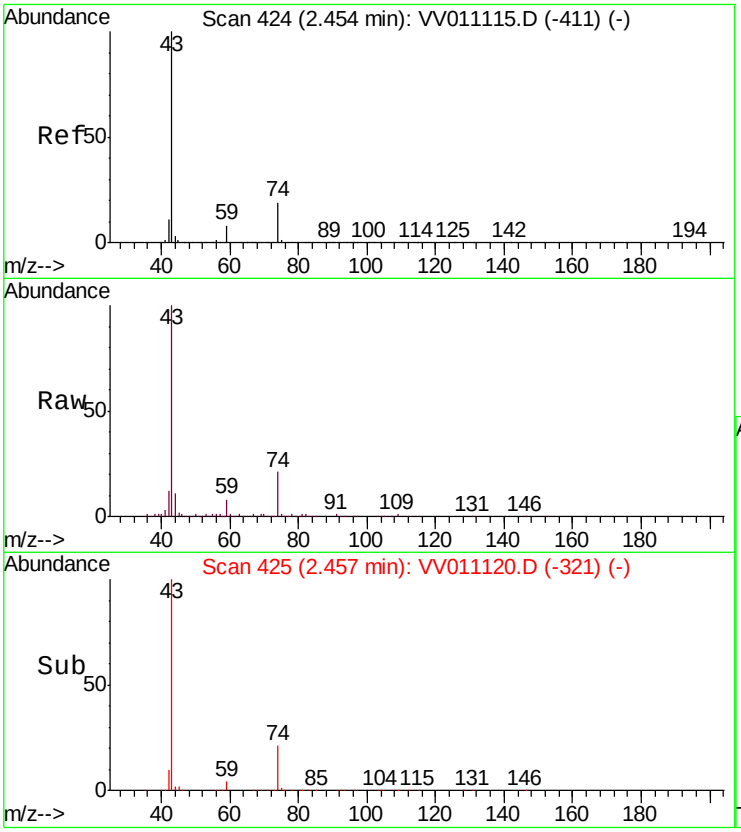




#13
Acetone
Concen: 43.227 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV011120.D
Acq: 29 May 2019 23:17

Tgt Ion: 43 Resp: 66534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.3 | 0.0 | 54.8 |



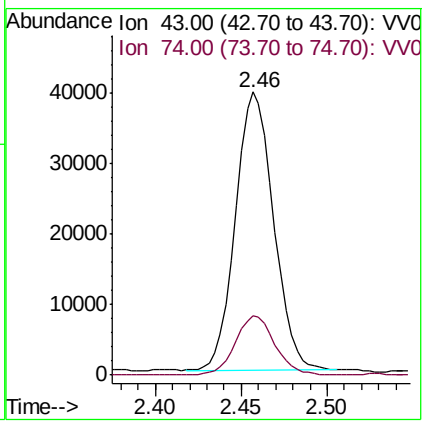


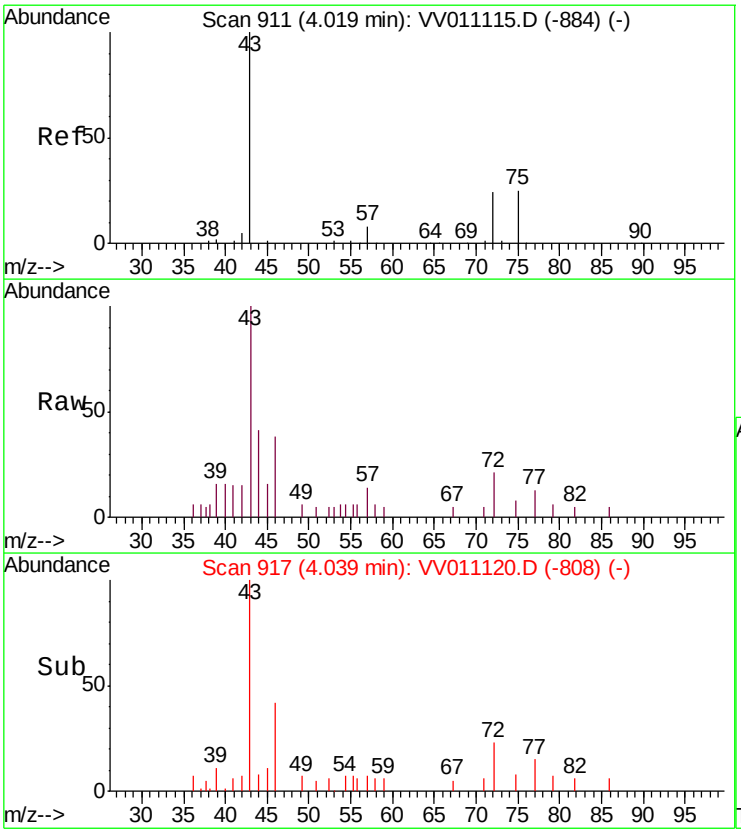

#15
Methyl Acetate
Concen: 27.443 ug/L
RT: 2.46 min Scan# 425
Delta R.T. 0.00 min
Lab File: VV011120.D
Acq: 29 May 2019 23:17

**Instrument :** MSVOA_V
**ClientSampleId :** A51E3

Tgt Ion: 43 Resp: 60967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 22.0 | 0.0 | 0.0# |




#21
2-Butanone
Concen: 2.810 ug/L
RT: 4.04 min Scan# 917
Delta R.T. 0.02 min
Lab File: VV011120.D
Acq: 29 May 2019 23:17

Tgt Ion: 43 Resp: 5327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 7.3 | 10.7 | 31.9# |