Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092319\

Quantitation Report (Not Reviewed)

Data File : VV012941.D
Acq On : 23 Sep 2019 17:21
Operator : SY/MD
Sample : K4958-07
Misc : 5.43G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** ESNY3

Quant Time: Sep 24 07:42:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 07:38:53 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.66 | 114 | 626681 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.89 | 117 | 610159 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152 | 250820 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 204936 | 21.08 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 84.32% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 196972 | 25.06 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 100.24% | | | |
| 10) 1,1-Dichloroethene-d2 | 2.13 | 63 | 300905 | 18.61 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 74.44% | | | |
| 20) 2-Butanone-d5 | 3.95 | 46 | 120717 | 35.96 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 71.92% | | | |
| 24) Chloroform-d | 4.40 | 84 | 435870 | 25.32 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 101.28% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.08 | 65 | 261963 | 26.18 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 104.72% | | | |
| 29) Benzene-d6 | 5.10 | 84 | 891047 | 26.16 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 104.64% | | | |
| 33) 1,2-Dichloropropane-d6 | 6.12 | 67 | 293323 | 27.47 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 109.88% | | | |
| 37) Toluene-d8 | 7.36 | 98 | 761115 | 24.61 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 98.44% | | | |
| 38) trans-1,3-Dichloropropene- | 7.66 | 79 | 106136 | 23.47 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 93.88% | | | |
| 39) 2-Hexanone-d5 | 8.14 | 63 | 81956 | 38.14 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 76.28% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26 | 84 | 233694 | 23.04 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 92.16% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 11.67 | 152 | 265650 | 27.26 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 109.04% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.20 | 43 | 4234 | 1.187 | ug/L | 64 |
| 16) Methylene chloride | 2.54 | 84 | 13124 | 1.401 | ug/L | 96 |
| 49) 2-Hexanone | 8.17 | 43 | 18055 | 3.301 | ug/L # | 37 |

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

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Operator : SY/MD
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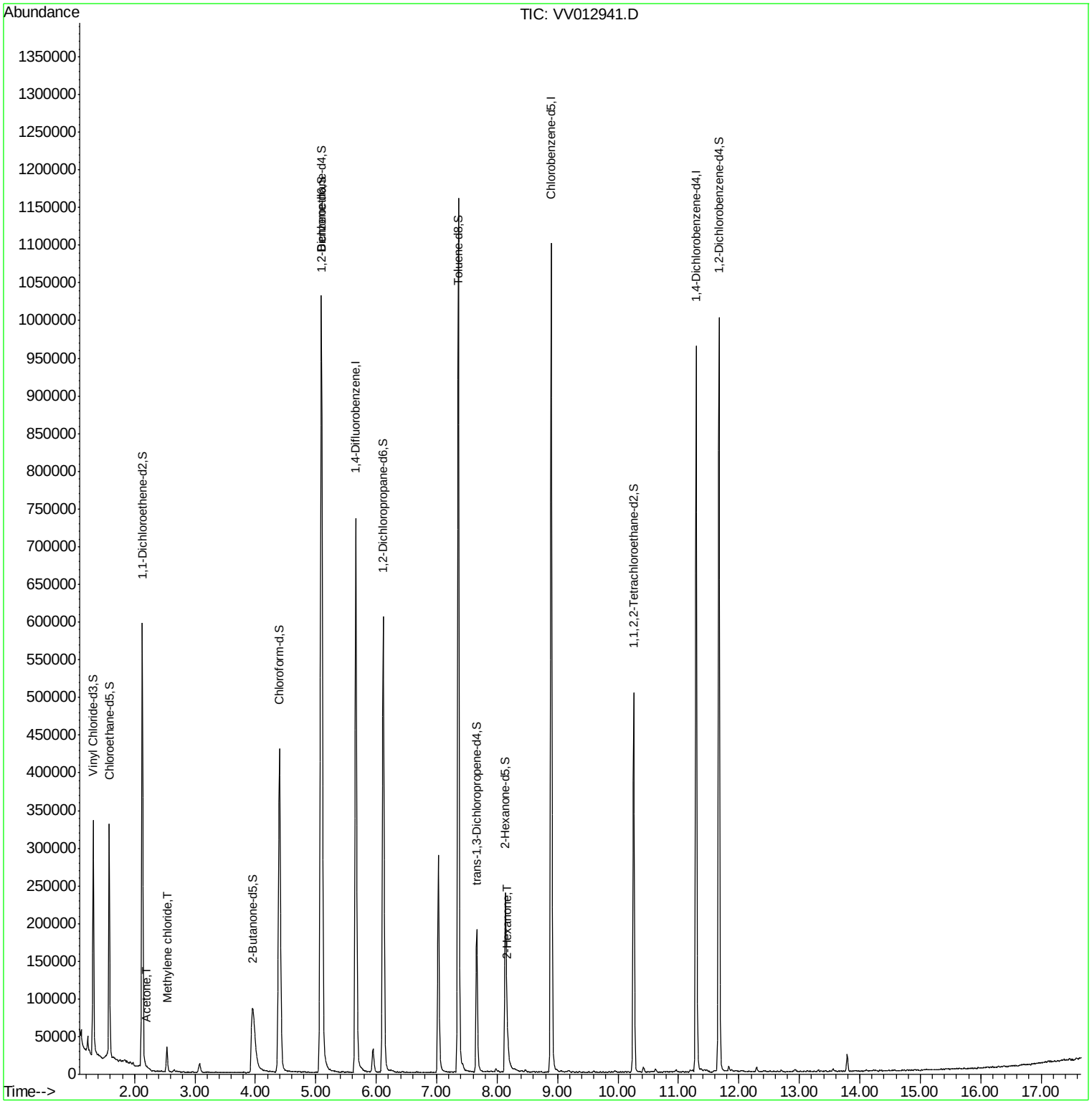
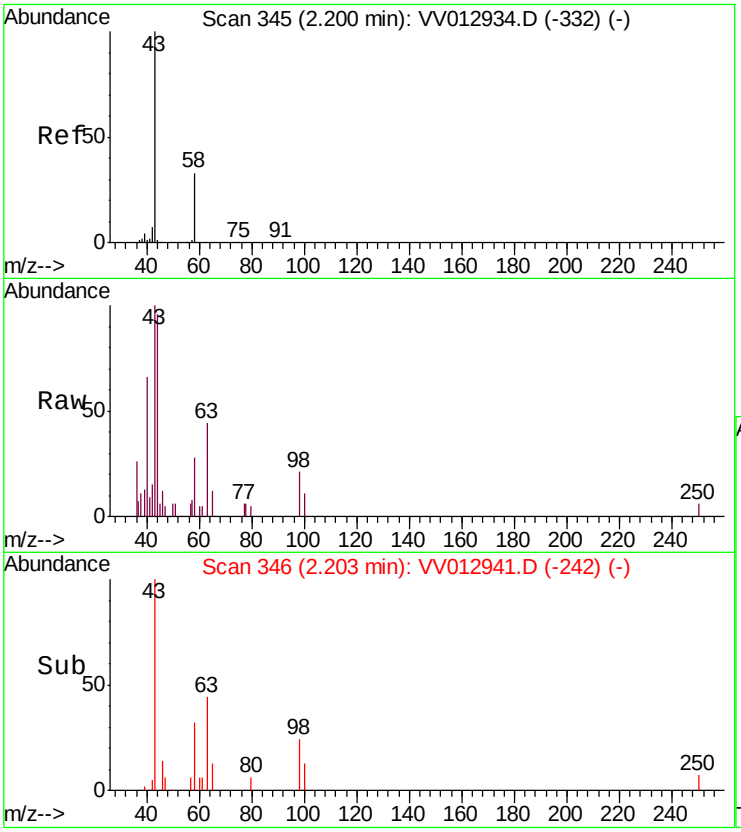
**Instrument :** MSVOA_V
**ClientSampleId :** ESNY3

Quant Time: Sep 24 07:42:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 07:38:53 2019
Response via : Initial Calibration



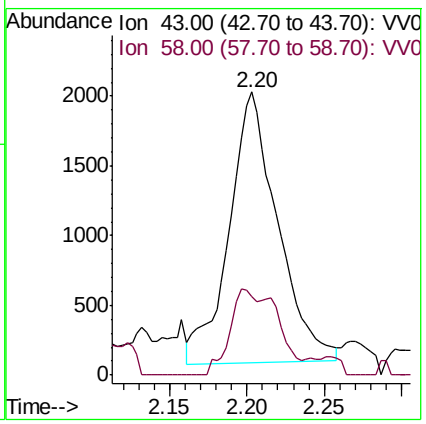


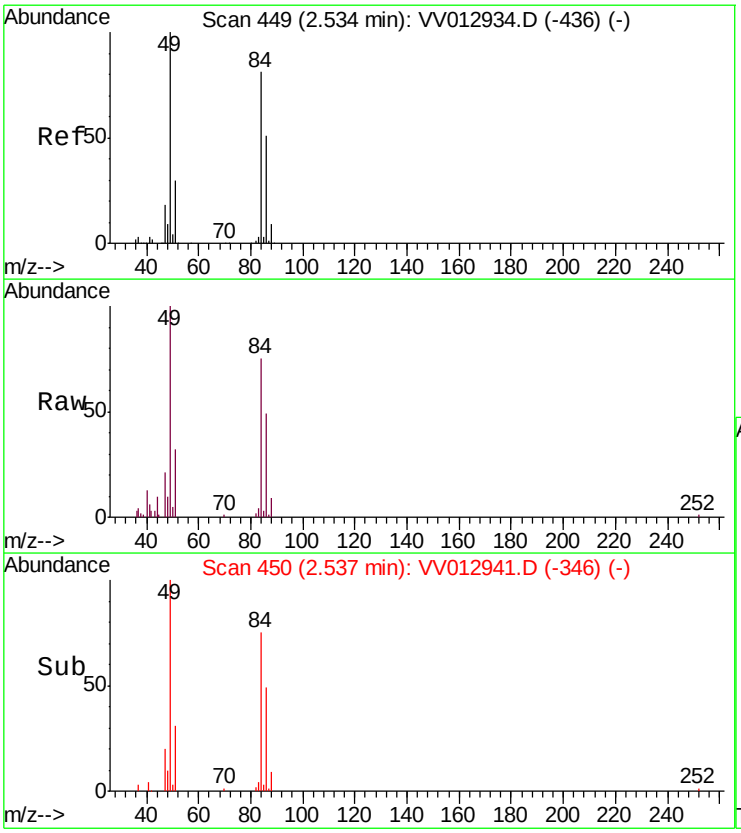

#13
Acetone
Concen: 1.187 ug/L
RT: 2.20 min Scan# 346
Delta R.T. 0.00 min
Lab File: VV012941.D
Acq: 23 Sep 2019 17:21

**Instrument :**
MSVOA_V
**ClientSampleId :**
ESNY3

Tgt Ion: 43 Resp: 4234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 12.2 | 0.0 | 65.0 |

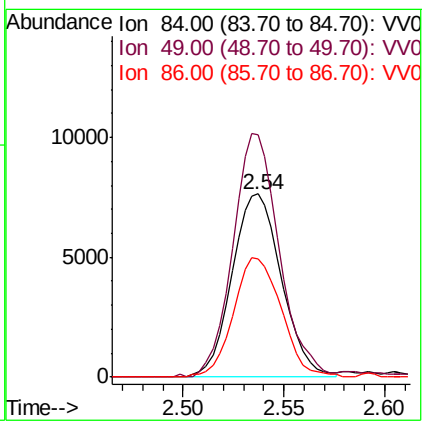


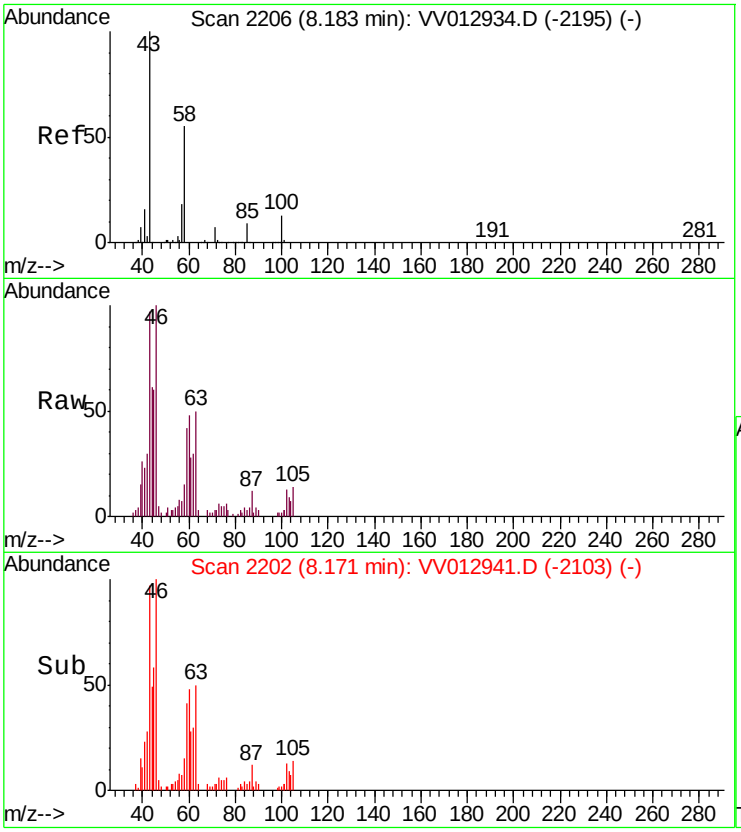




#16
Methylene chloride
Concen: 1.401 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV012941.D
Acq: 23 Sep 2019 17:21

Tgt Ion: 84 Resp: 13124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 132.5 | 88.3 | 164.1 |
| 86 | 64.6 | 44.9 | 83.3 |






#49
2-Hexanone
Concen: 3.301 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. -0.01 min
Lab File: VV012941.D
Acq: 23 Sep 2019 17:21

**Instrument :**
MSVOA_V
**ClientSampleId :**
ESNY3

Tgt Ion: 43 Resp: 18055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 46.5 | 69.7# |
| 57 | 1.6 | 15.5 | 23.3# |
| 100 | 1.8 | 9.7 | 14.5# |