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

Quantitation Report (Not Reviewed)

Data File : VV012945.D
Acq On : 23 Sep 2019 19:12
Operator : SY/MD
Sample : K4958-14
Misc : 2.88G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** ESNZ4

Quant Time: Sep 24 07:43:03 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 | 602557 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.89 | 117 | 420444 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152 | 84974 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 249870 | 26.73 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 106.92% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 220745 | 29.20 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 116.80% | | | |
| 10) 1,1-Dichloroethene-d2 | 2.13 | 63 | 315498 | 20.29 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 81.16% | | | |
| 20) 2-Butanone-d5 | 3.94 | 46 | 124191 | 38.47 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 76.94% | | | |
| 24) Chloroform-d | 4.40 | 84 | 449797 | 27.17 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 108.68% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.08 | 65 | 249046 | 25.88 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 103.52% | | | |
| 29) Benzene-d6 | 5.10 | 84 | 901747 | 38.41 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 153.64%# | | | |
| 33) 1,2-Dichloropropane-d6 | 6.12 | 67 | 288596 | 39.22 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 156.88%# | | | |
| 37) Toluene-d8 | 7.36 | 98 | 684062 | 32.10 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 128.40% | | | |
| 38) trans-1,3-Dichloropropene- | 7.66 | 79 | 64348 | 20.65 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 82.60% | | | |
| 39) 2-Hexanone-d5 | 8.14 | 63 | 64895 | 43.83 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 87.66% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26 | 84 | 160975 | 23.03 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 92.12% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 11.67 | 152 | 94384 | 28.59 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 114.36% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.20 | 43 | 170824 | 49.788 | ug/L | 99 |
| 14) Carbon disulfide | 2.32 | 76 | 21483 | 0.987 | ug/L | 99 |
| 16) Methylene chloride | 2.53 | 84 | 66733 | 7.410 | ug/L | 95 |
| 21) 2-Butanone | 4.03 | 43 | 57247 | 14.337 | ug/L | 91 |
| 49) 2-Hexanone | 8.14 | 43 | 10522 | 2.792 | ug/L # | 73 |

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

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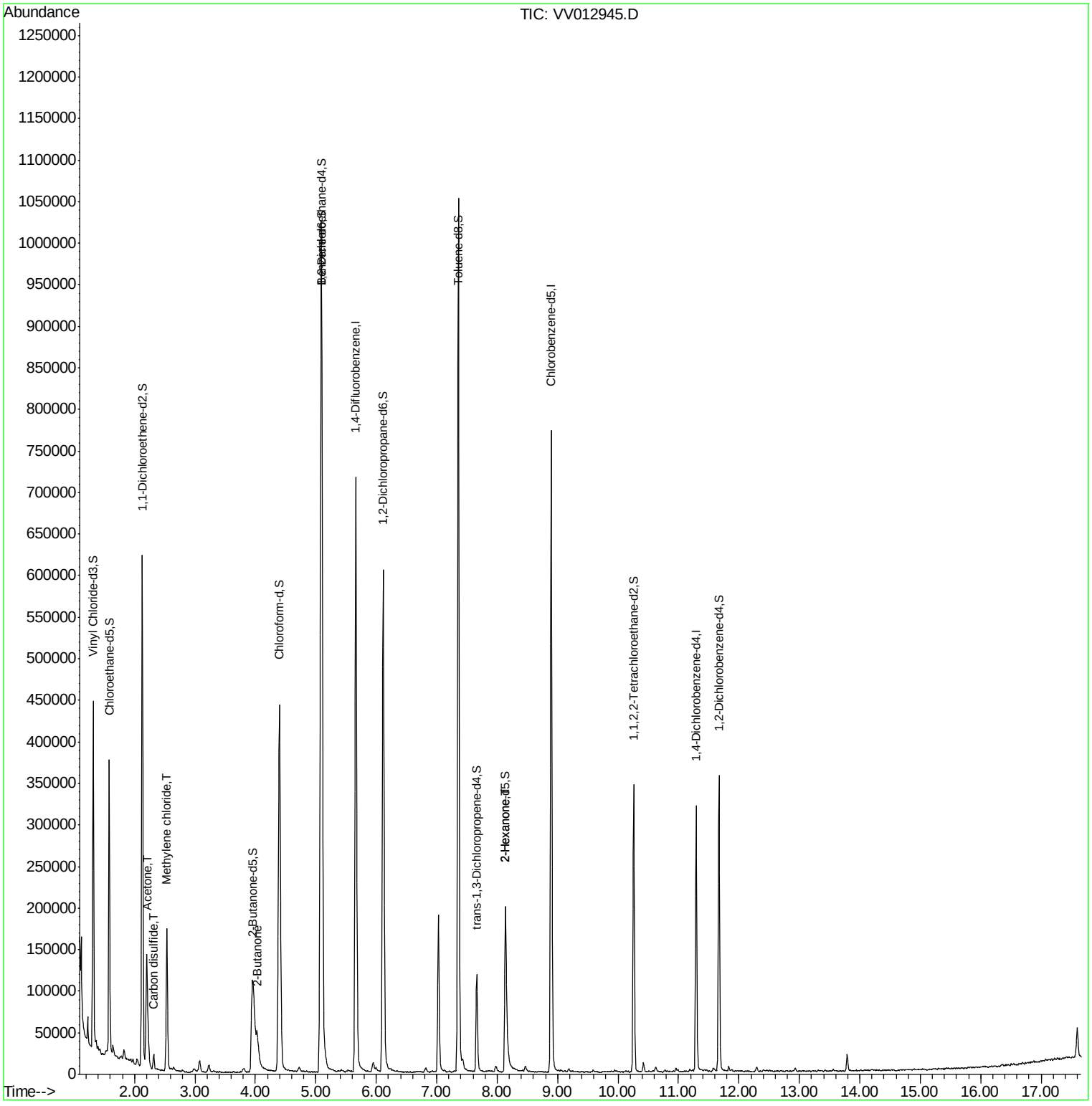
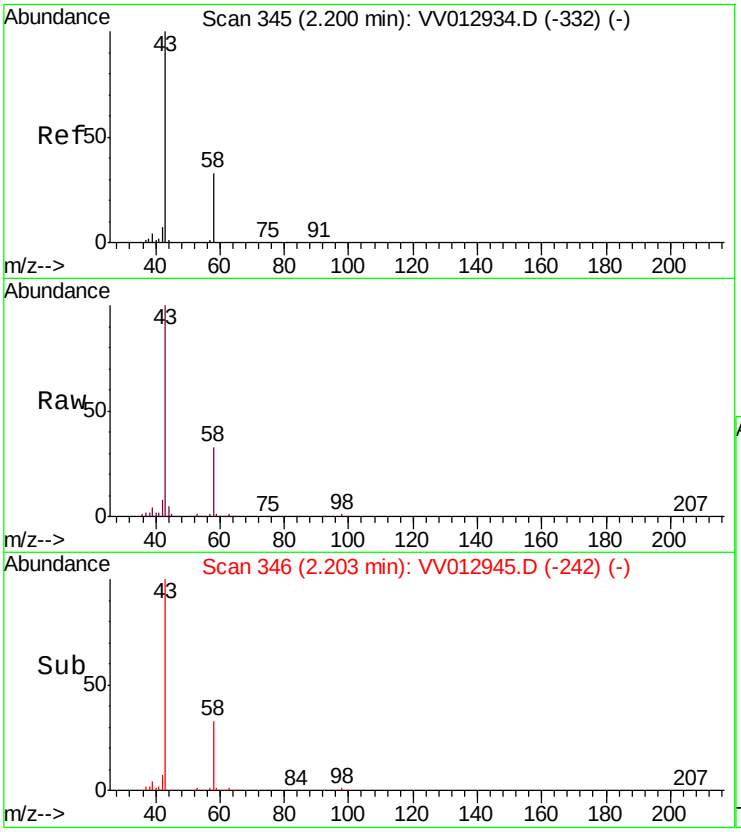
Operator : SY/MD
Sample : K4958-14
Misc : 2.88G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** ESNZ4

Quant Time: Sep 24 07:43:03 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



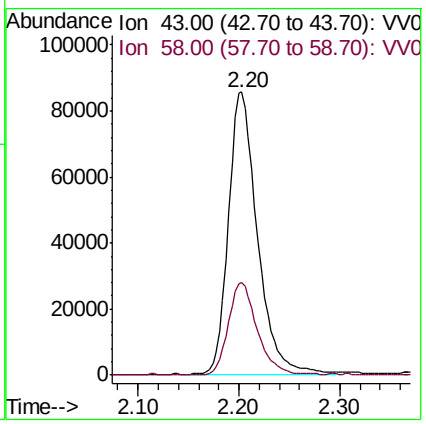


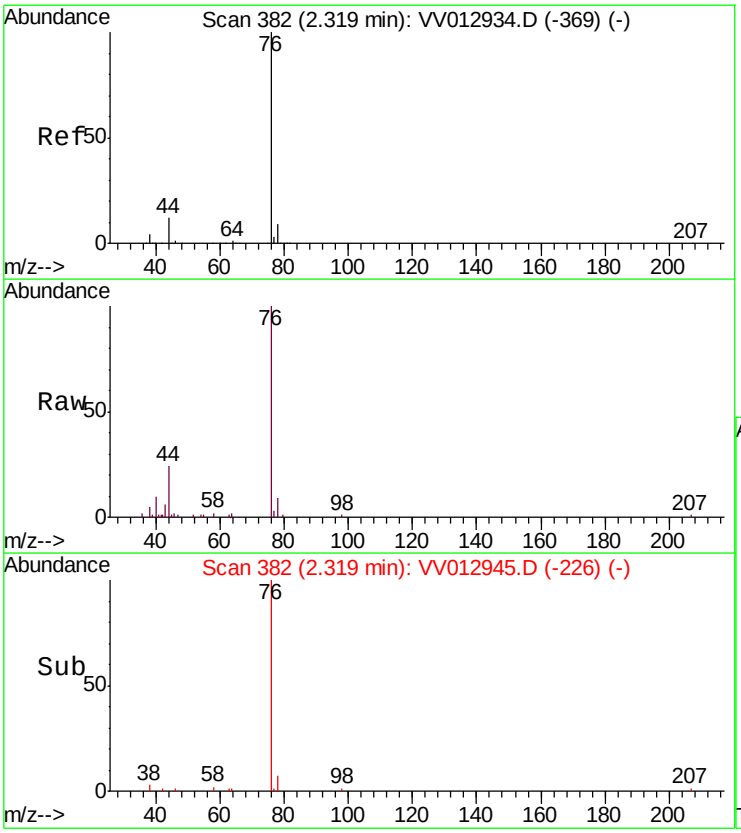

#13
Acetone
Concen: 49.788 ug/L
RT: 2.20 min Scan# 346
Delta R.T. 0.00 min
Lab File: VV012945.D
Acq: 23 Sep 2019 19:12

**Instrument :** MSVOA_V
**ClientSampleId :** ESNZ4

Tgt Ion: 43 Resp: 170824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 32.2 | 0.0 | 65.0 |

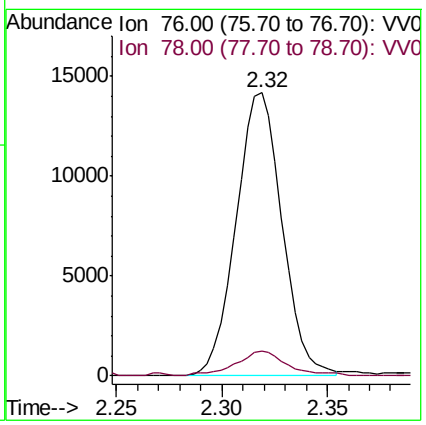


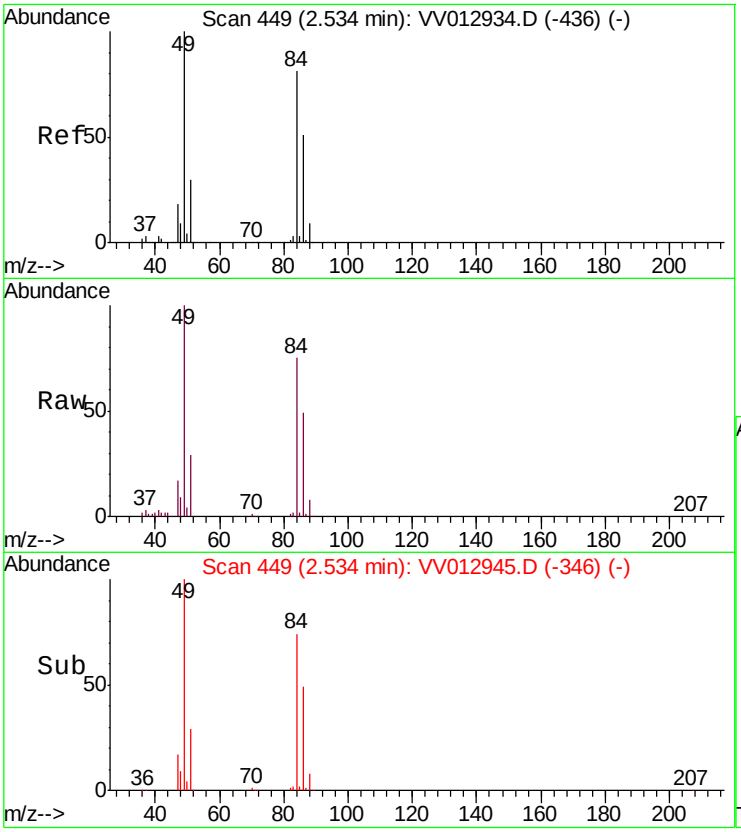




#14
Carbon disulfide
Concen: 0.987 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VV012945.D
Acq: 23 Sep 2019 19:12

Tgt Ion: 76 Resp: 21483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.9 | 7.3 | 10.9 |



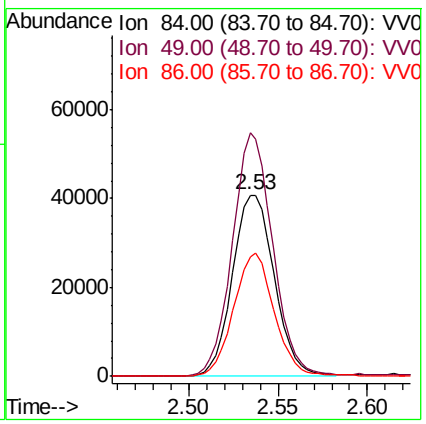


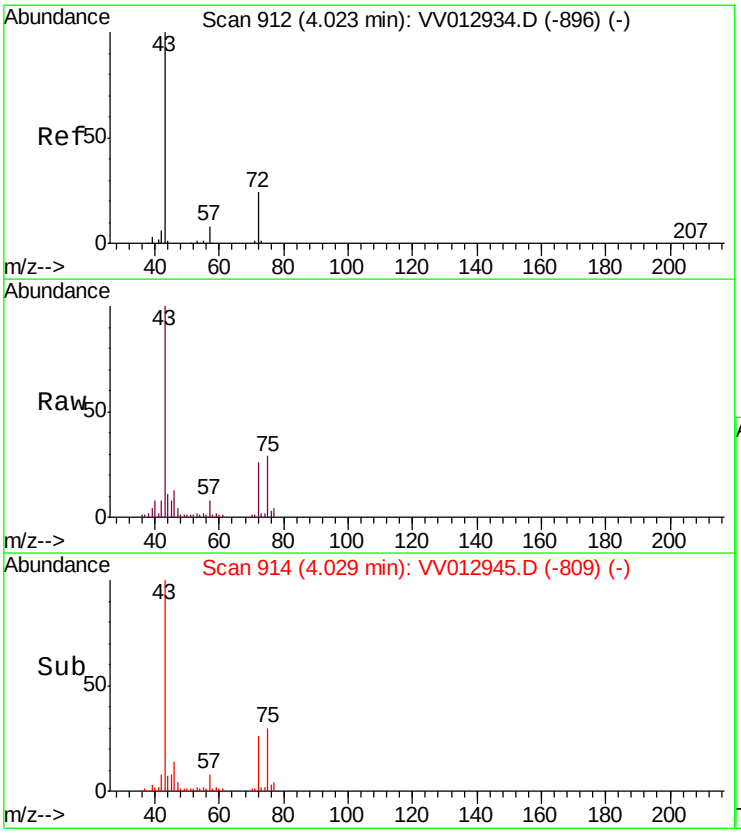

#16
Methylene chloride
Concen: 7.410 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV012945.D
Acq: 23 Sep 2019 19:12

**Instrument :**
MSVOA_V
**ClientSampleId :**
ESNZ4

Tgt Ion: 84 Resp: 66733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 134.1 | 88.3 | 164.1 |
| 86 | 66.1 | 44.9 | 83.3 |

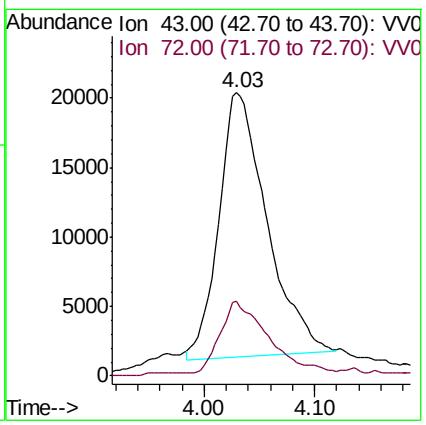


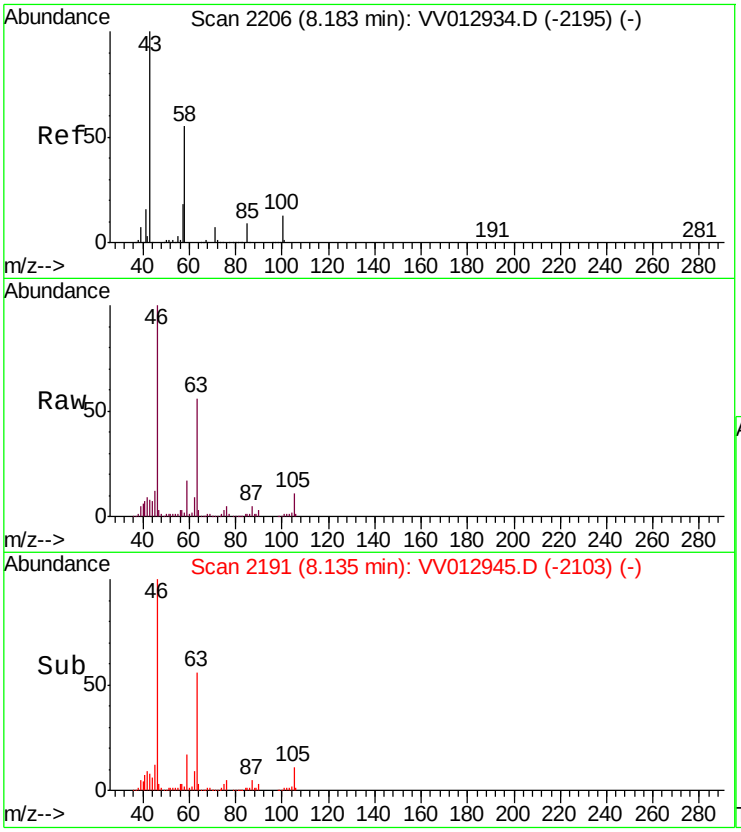




#21
2-Butanone
Concen: 14.337 ug/L
RT: 4.03 min Scan# 914
Delta R.T. 0.01 min
Lab File: VV012945.D
Acq: 23 Sep 2019 19:12

Tgt Ion: 43 Resp: 57247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 28.3 | 11.9 | 35.9 |






#49
2-Hexanone
Concen: 2.792 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV012945.D
Acq: 23 Sep 2019 19:12

**Instrument :**
MSVOA_V
**ClientSampleId :**
ESNZ4

Tgt Ion: 43 Resp: 10522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 40.4 | 46.5 | 69.7# |
| 57 | 36.5 | 15.5 | 23.3# |
| 100 | 2.7 | 9.7 | 14.5# |