Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081318\
Data File : VV007008.D
Acq On : 13 Aug 2018 16:02
Operator : SY/MD
Sample : J4451-08
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 14 05:37:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 14 05:35:33 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.67 | 114 | 253202 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.90 | 117 | 243277 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 96627 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 65338 | 4.00 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 80.00% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 63350 | 4.57 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 91.40% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.13 | 63 | 90574 | 2.95 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 59.00%# | | | |
| 20) 2-Butanone-d5 | 3.98 | 46 | 248563 | 52.88 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 105.76% | | | |
| 24) Chloroform-d | 4.41 | 84 | 161103 | 4.86 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 97.20% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.09 | 65 | 83619 | 4.99 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 99.80% | | | |
| 32) Benzene-d6 | 5.10 | 84 | 293463 | 4.70 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 94.00% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.12 | 67 | 104637 | 4.90 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 98.00% | | | |
| 41) Toluene-d8 | 7.37 | 98 | 209584 | 3.94 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 78.80% | | | |
| 43) trans-1,3-Dichloropropene- | 7.67 | 79 | 31732 | 4.27 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 85.40% | | | |
| 46) 2-Hexanone-d5 | 8.15 | 63 | 116902 | 38.46 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 76.92% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27 | 84 | 80721 | 4.85 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 97.00% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.68 | 152 | 81346 | 4.84 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 96.80% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.22 | 43 | 2294 | 0.948 | ug/L | 92 |
| 21) 2-Butanone | 3.98 | 43 | 1617 | 0.308 | ug/L # | 59 |
| 35) Methylcyclohexane | 6.12 | 83 | 24797 | 0.764 | ug/L # | 15 |
| 37) 1,2-Dichloropropane | 6.12 | 63 | 11336 | 0.491 | ug/L # | 87 |
| 48) 2-Hexanone | 8.20 | 43 | 25082 | 2.854 | ug/L # | 91 |

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

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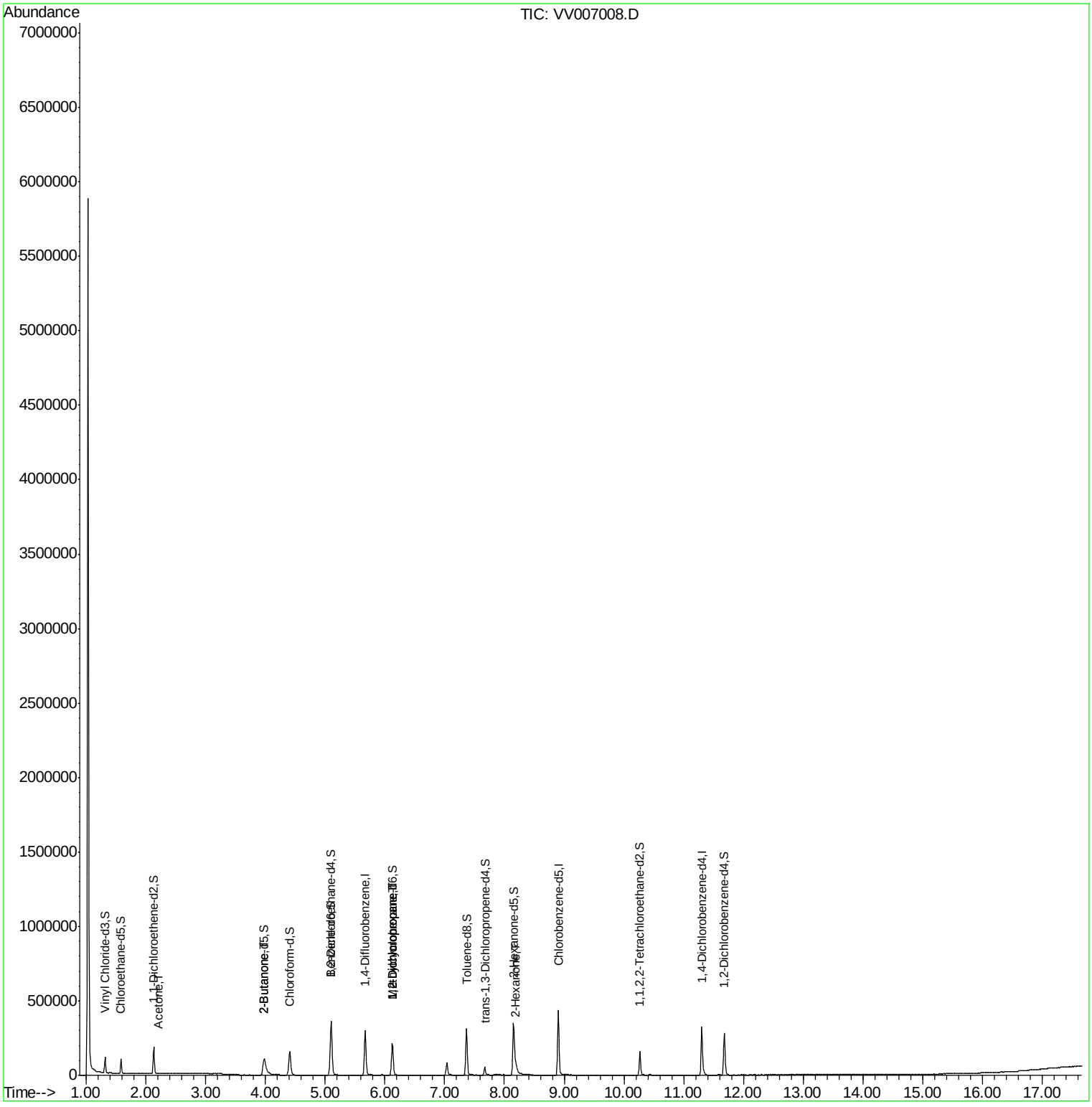
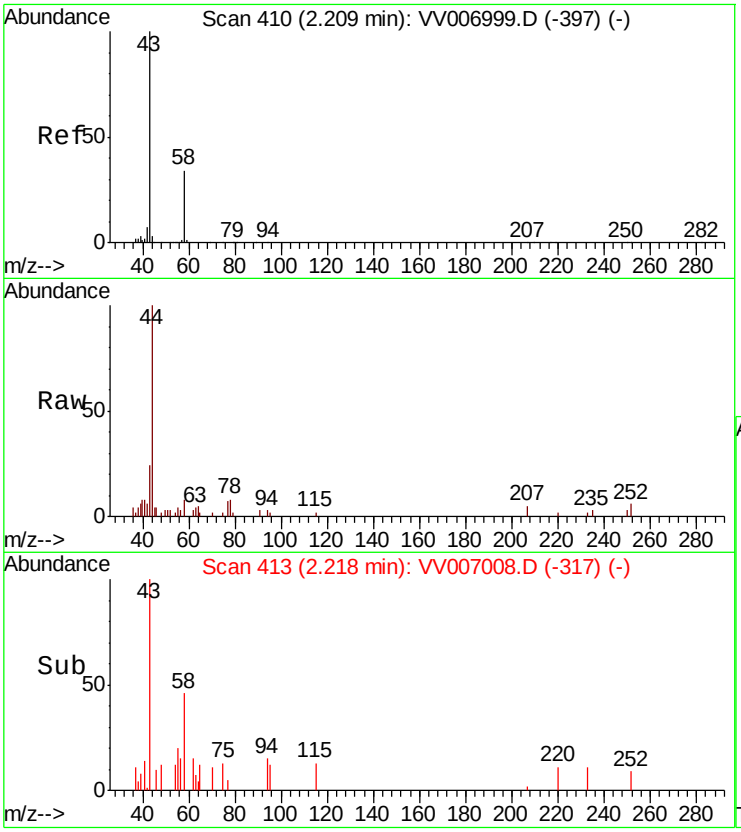
**Instrument :**
MSVOA_V
**ClientSampleId :**

Quant Time: Aug 14 05:37:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 14 05:35:33 2018
Response via : Initial Calibration



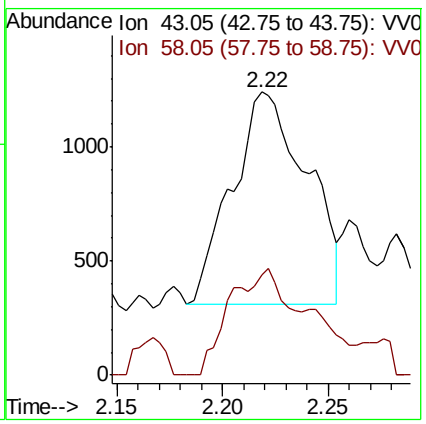


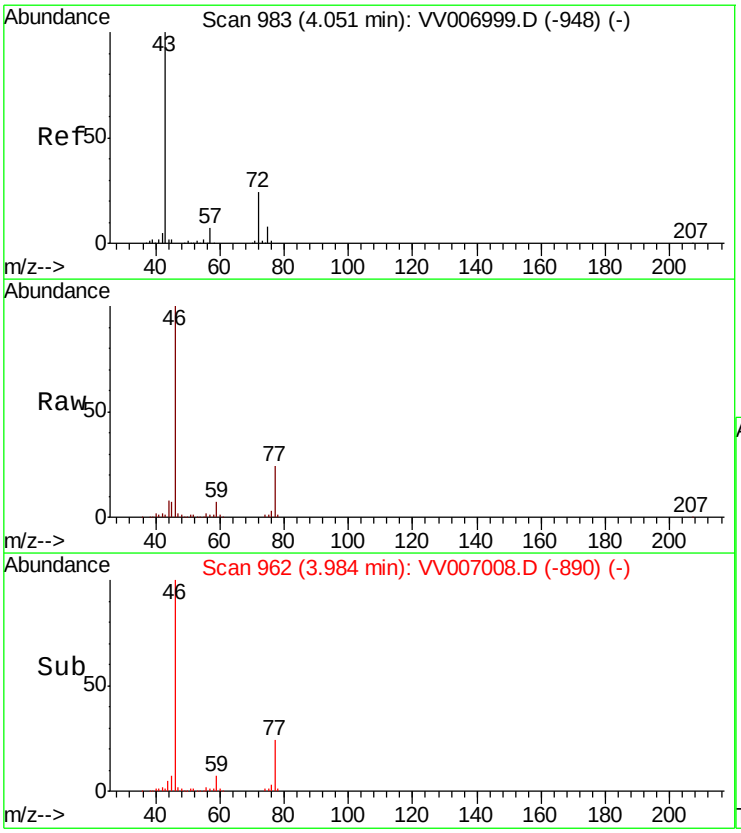

#13
Acetone
Concen: 0.948 ug/L
RT: 2.22 min Scan# 413
Delta R.T. 0.01 min
Lab File: VV007008.D
Acq: 13 Aug 2018 16:02

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

Tgt Ion: 43 Resp: 2294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 40.3 | 0.0 | 71.4 |

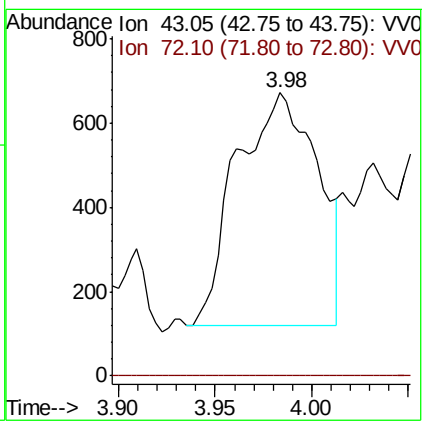


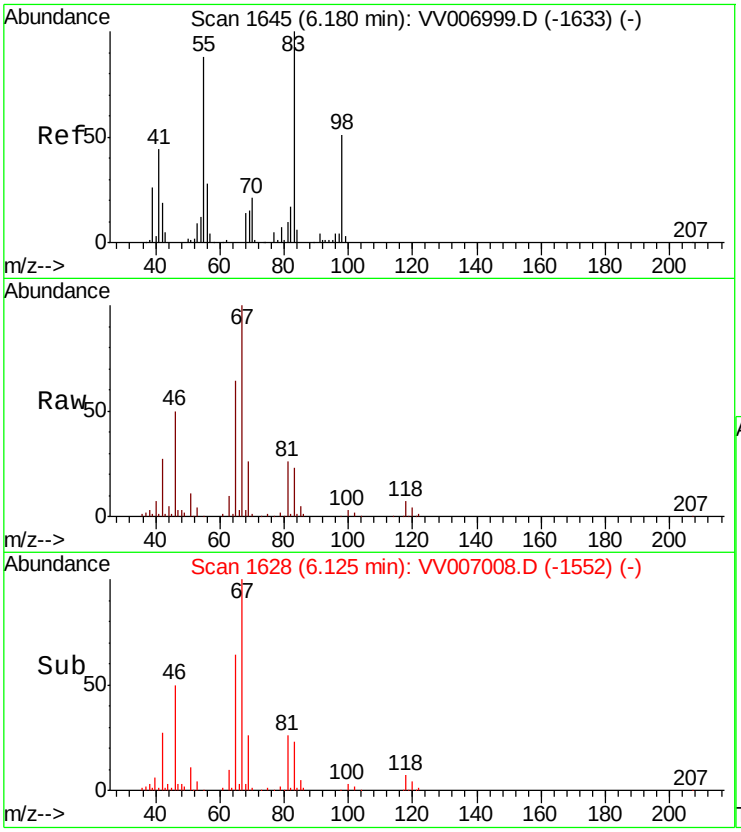




#21
2-Butanone
Concen: 0.308 ug/L
RT: 3.98 min Scan# 962
Delta R.T. -0.07 min
Lab File: VV007008.D
Acq: 13 Aug 2018 16:02

Tgt Ion: 43 Resp: 1617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 4.2 | 12.4 | 37.2# |



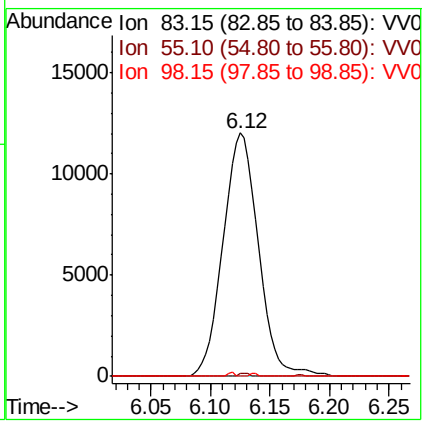


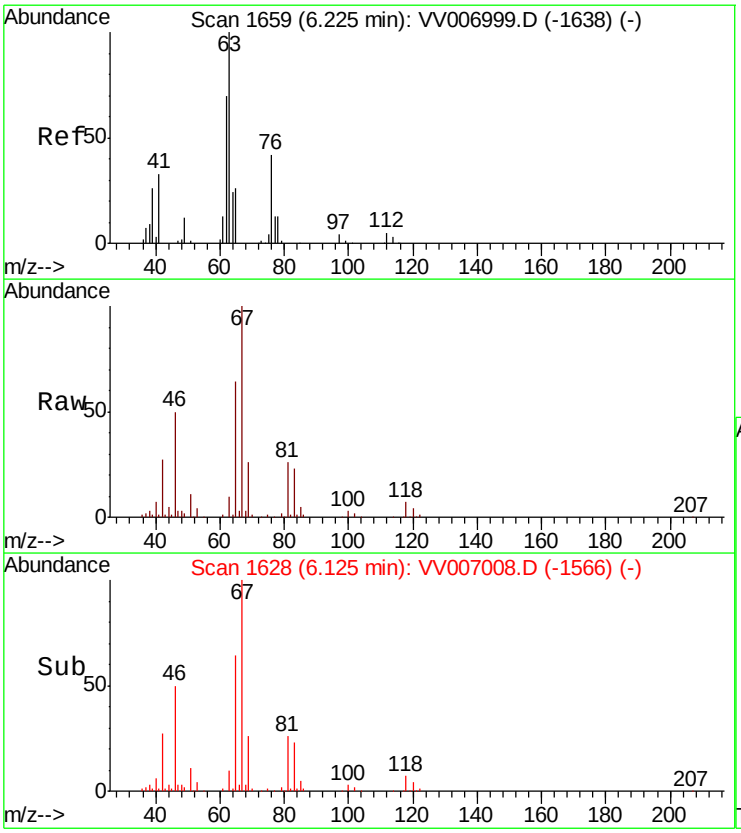

#35
Methylcyclohexane
Concen: 0.764 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV007008.D
Acq: 13 Aug 2018 16:02

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

Tgt Ion: 83 Resp: 24797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.3 | 68.1 | 102.1# |
| 98 | 0.2 | 37.9 | 56.9# |

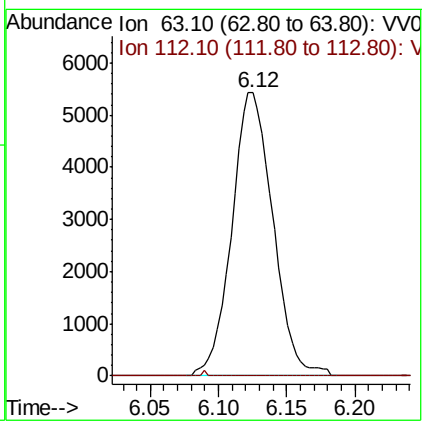


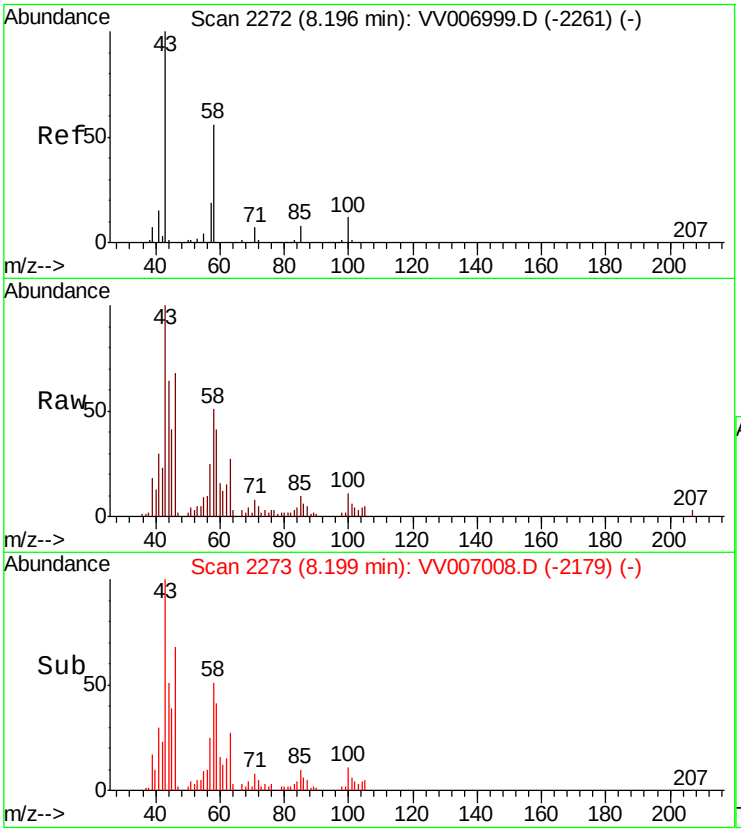




#37
1,2-Dichloropropane
Concen: 0.491 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV007008.D
Acq: 13 Aug 2018 16:02

Tgt Ion: 63 Resp: 11336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.2 | 3.5 | 5.3# |






#48
2-Hexanone
Concen: 2.854 ug/L
RT: 8.20 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VV007008.D
Acq: 13 Aug 2018 16:02

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

Tgt Ion: 43 Resp: 25082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 48.2 | 44.2 | 66.2 |
| 57 | 16.0 | 14.8 | 22.2 |
| 100 | 7.2 | 8.8 | 13.2# |