Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080418\
Data File : VV006881.D
Acq On : 04 Aug 2018 14:45
Operator : SY/MD
Sample : J4314-12
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 06 03:24:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 06 03:23:10 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.67 | 114 | 268651 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.90 | 117 | 253433 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 98576 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 99582 | 5.35 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 107.00% | | | |
| 7) Chloroethane-d5 | 1.59 | 69 | 92649 | 5.73 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 114.60% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.13 | 63 | 148049 | 4.29 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 85.80% | | | |
| 20) 2-Butanone-d5 | 3.95 | 46 | 240161 | 53.22 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 106.44% | | | |
| 24) Chloroform-d | 4.41 | 84 | 182666 | 5.61 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 112.20% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.09 | 65 | 93496 | 5.69 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 113.80% | | | |
| 32) Benzene-d6 | 5.10 | 84 | 345614 | 5.05 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 101.00% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.13 | 67 | 116802 | 5.17 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 103.40% | | | |
| 41) Toluene-d8 | 7.37 | 98 | 263160 | 4.31 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 86.20% | | | |
| 43) trans-1,3-Dichloropropene- | 7.67 | 79 | 37527 | 4.70 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 94.00% | | | |
| 46) 2-Hexanone-d5 | 8.14 | 63 | 136417 | 38.35 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 76.70% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27 | 84 | 89996 | 5.35 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 107.00% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.68 | 152 | 94087 | 5.14 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 102.80% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.20 | 43 | 9977 | 3.135 | ug/L | 93 |
| 15) Methyl Acetate | 2.31 | 43 | 17871 | 1.866 | ug/L # | 54 |
| 17) Methyl tert-butyl Ether | 2.81 | 73 | 17423 | 0.378 | ug/L | 97 |
| 21) 2-Butanone | 4.03 | 43 | 1262 | 0.259 | ug/L # | 72 |
| 35) Methylcyclohexane | 6.13 | 83 | 28049 | 0.891 | ug/L # | 19 |
| 37) 1,2-Dichloropropane | 6.13 | 63 | 12425 | 0.609 | ug/L # | 90 |
| 48) 2-Hexanone | 8.14 | 43 | 18457 | 2.407 | ug/L # | 84 |

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

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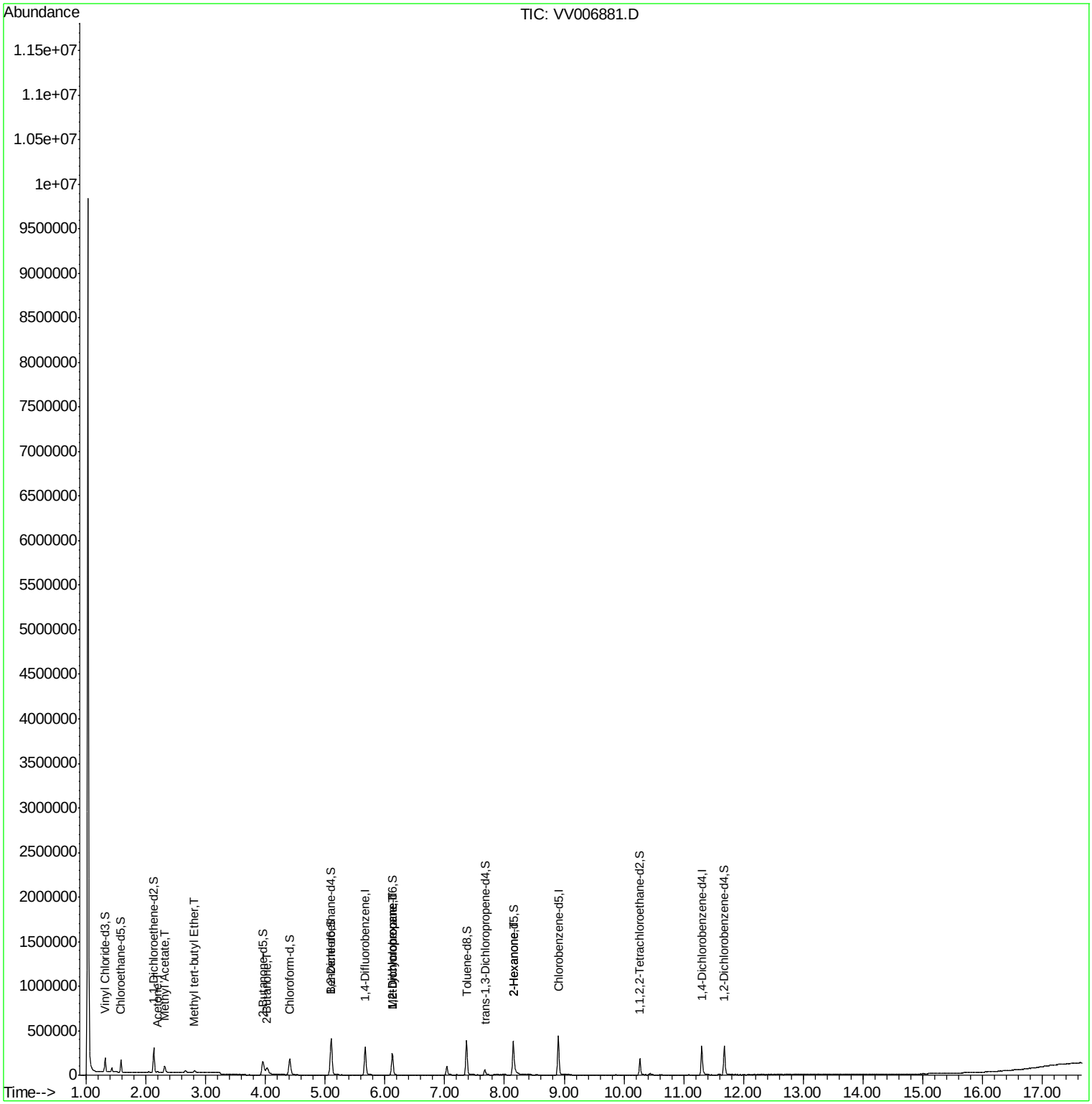
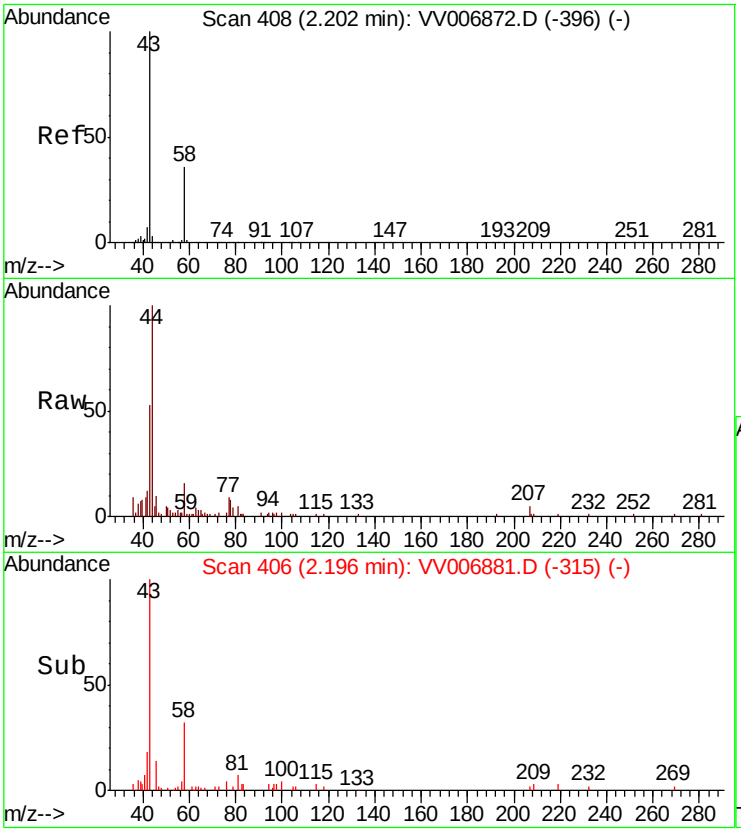
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 06 03:24:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 06 03:23:10 2018
Response via : Initial Calibration



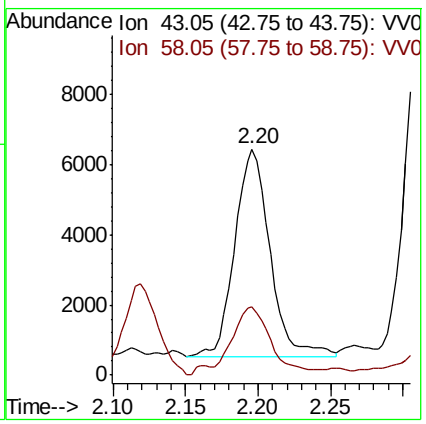


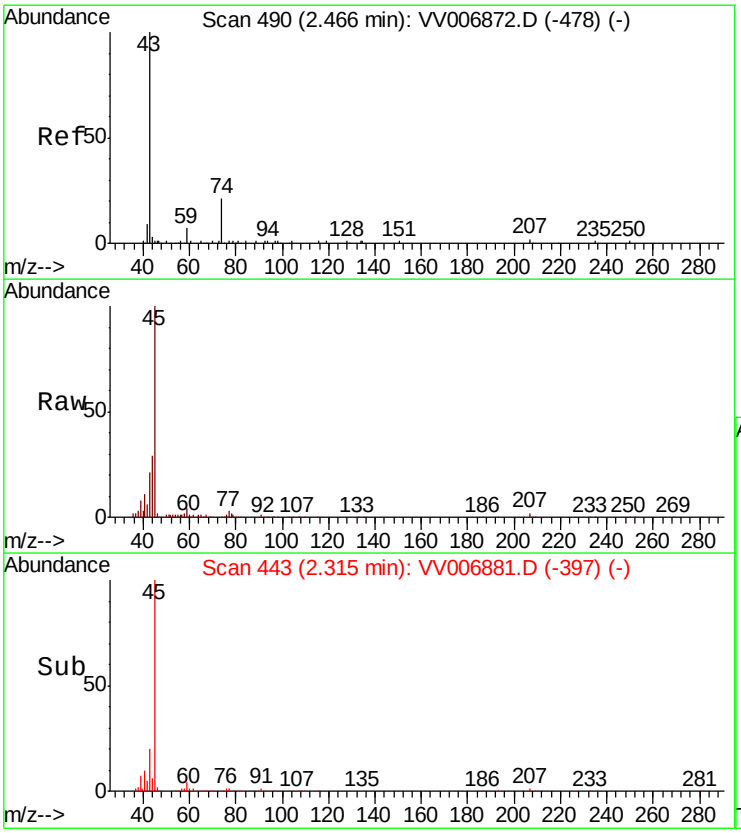

#13
Acetone
Concen: 3.135 ug/L
RT: 2.20 min Scan# 406
Delta R.T. -0.01 min
Lab File: VV006881.D
Acq: 04 Aug 2018 14:45

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

Tgt Ion: 43 Resp: 9977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.2 | 0.0 | 69.0 |

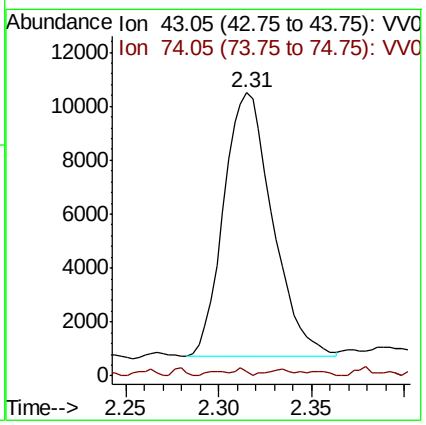


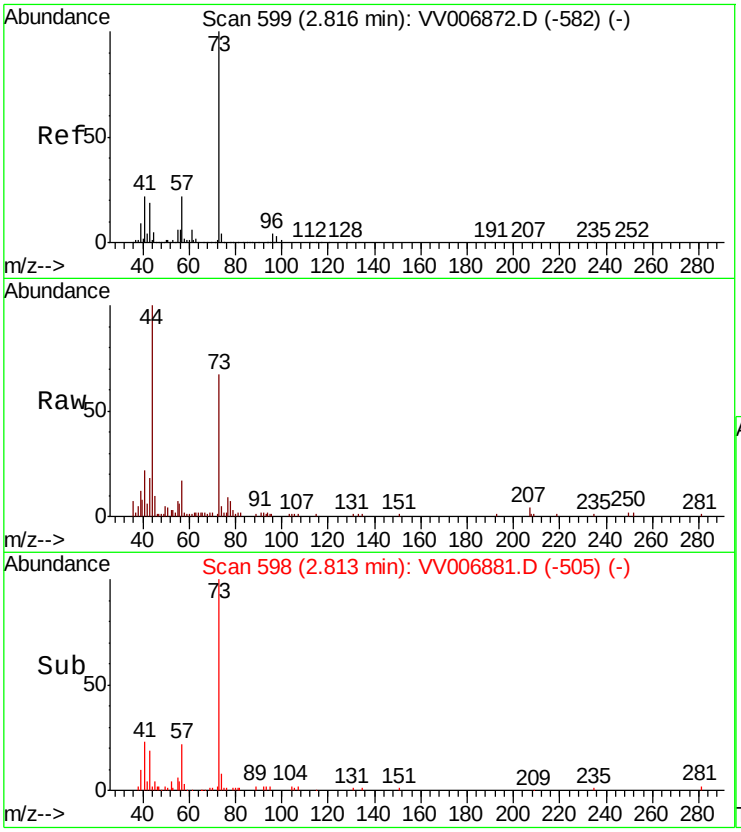




#15
Methyl Acetate
Concen: 1.866 ug/L
RT: 2.31 min Scan# 443
Delta R.T. -0.15 min
Lab File: VV006881.D
Acq: 04 Aug 2018 14:45

Tgt Ion: 43 Resp: 17871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.7 | 18.3 | 27.5# |



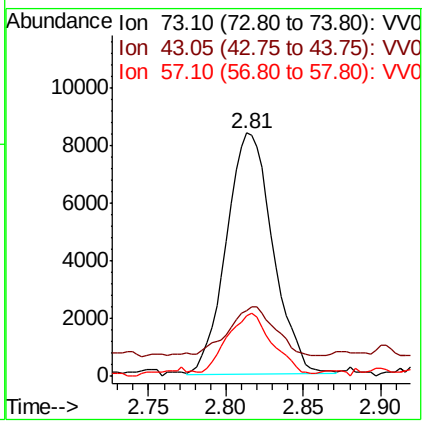


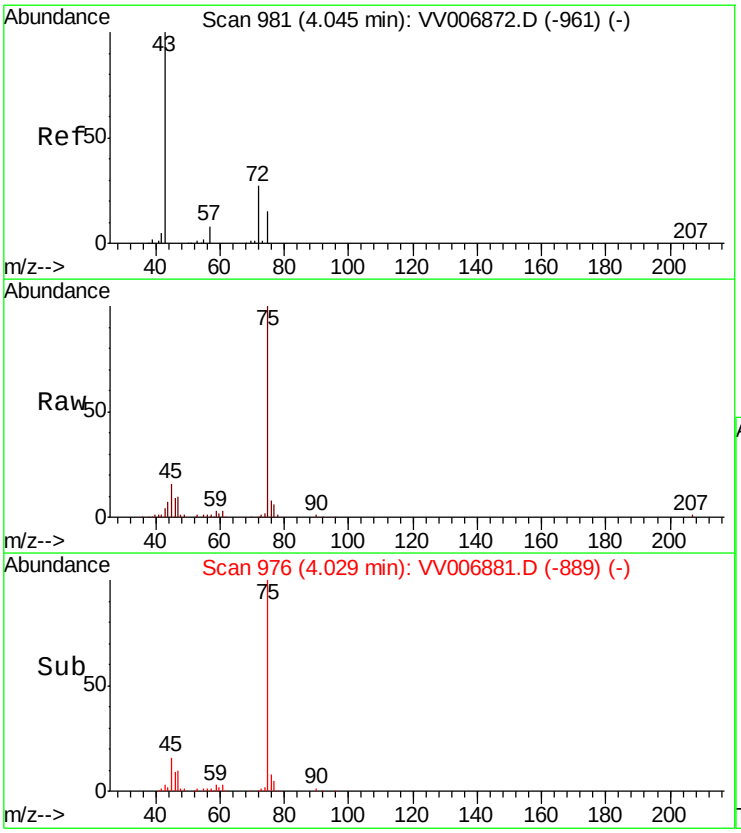

#17
Methyl tert-butyl Ether
Concen: 0.378 ug/L
RT: 2.81 min Scan# 598
Delta R.T. 0.00 min
Lab File: VV006881.D
Acq: 04 Aug 2018 14:45

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

Tgt Ion: 73 Resp: 17423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 20.5 | 14.6 | 22.0 |
| 57 | 23.4 | 18.0 | 27.0 |

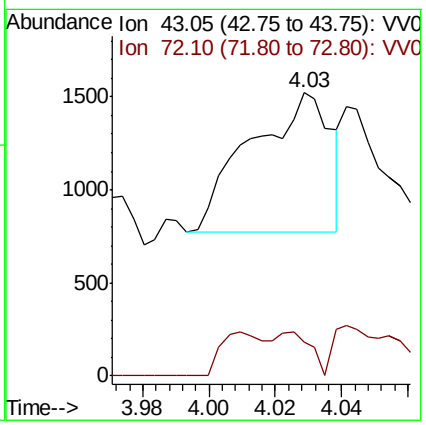


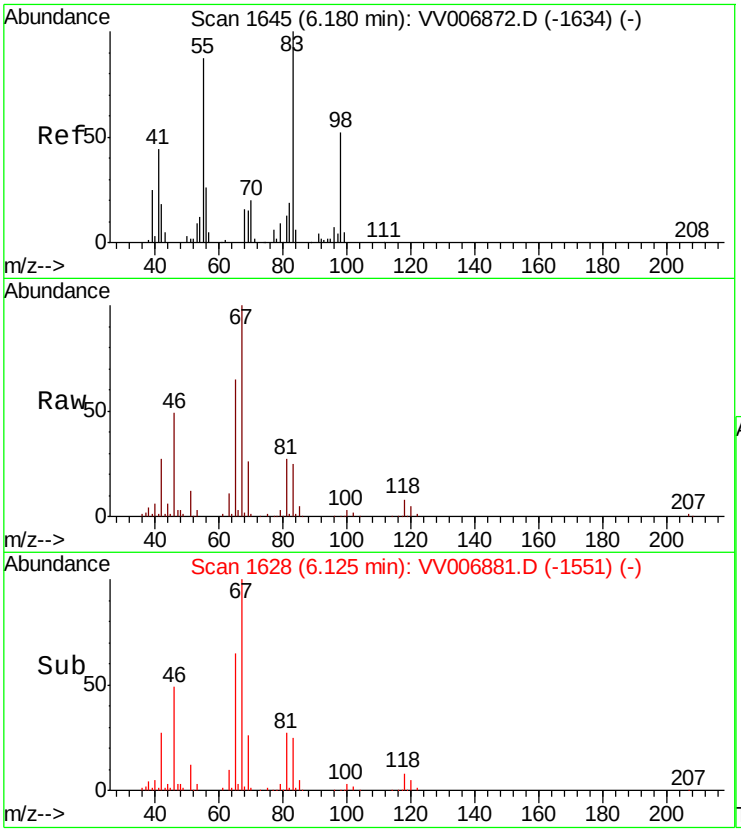




#21
2-Butanone
Concen: 0.259 ug/L
RT: 4.03 min Scan# 976
Delta R.T. -0.02 min
Lab File: VV006881.D
Acq: 04 Aug 2018 14:45

Tgt Ion: 43 Resp: 1262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 12.2 | 13.4 | 40.1# |



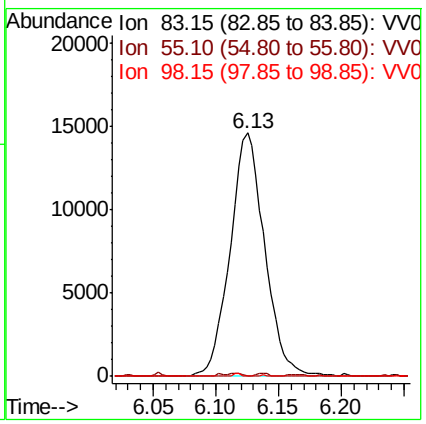


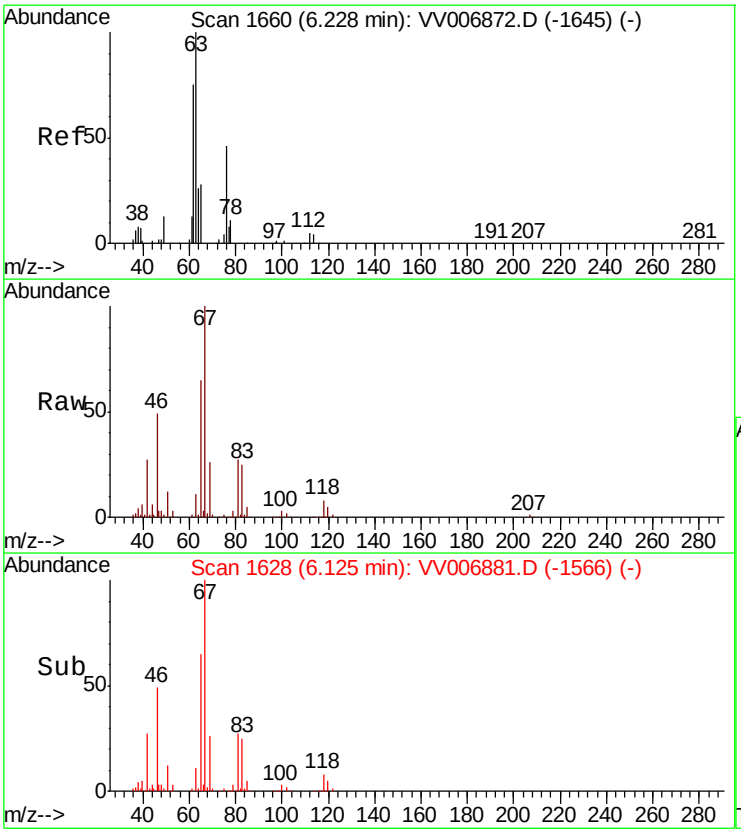

#35
Methylcyclohexane
Concen: 0.891 ug/L
RT: 6.13 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006881.D
Acq: 04 Aug 2018 14:45

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

Tgt Ion: 83 Resp: 28049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.7 | 61.8 | 92.6# |
| 98 | 0.2 | 37.2 | 55.8# |

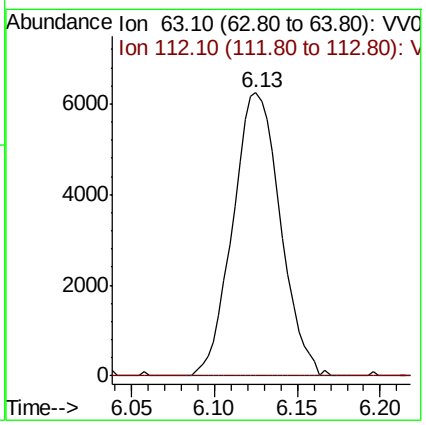


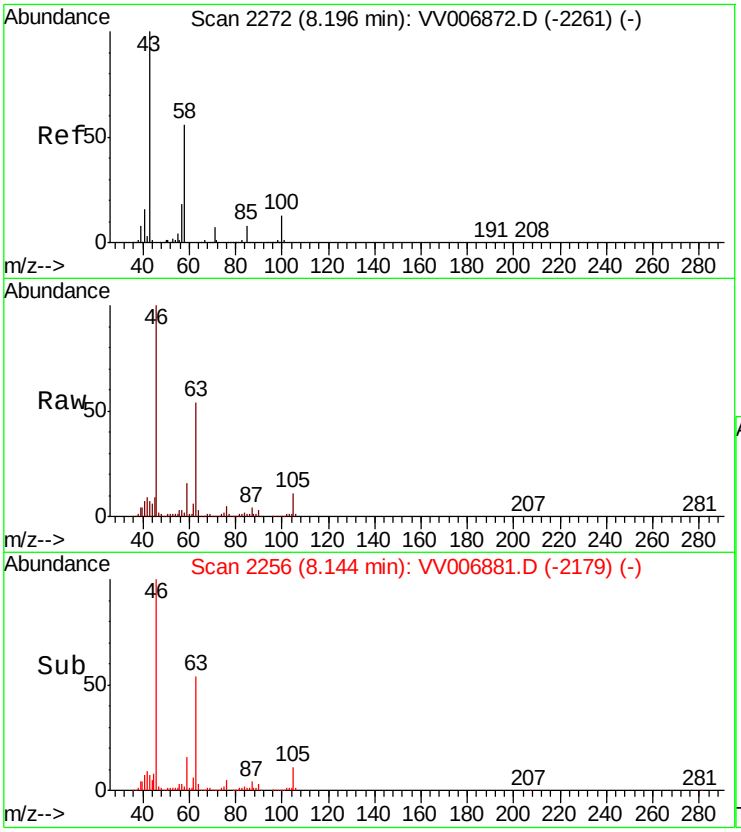




#37
1,2-Dichloropropane
Concen: 0.609 ug/L
RT: 6.13 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006881.D
Acq: 04 Aug 2018 14:45

Tgt Ion: 63 Resp: 12425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.5 | 3.0 | 4.6# |






#48
2-Hexanone
Concen: 2.407 ug/L
RT: 8.14 min Scan# 2256
Delta R.T. -0.05 min
Lab File: VV006881.D
Acq: 04 Aug 2018 14:45

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

Tgt Ion: 43 Resp: 18457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 56.5 | 45.4 | 68.0 |
| 57 | 45.5 | 15.4 | 23.2# |
| 100 | 4.4 | 10.6 | 16.0# |