Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV073018\
Data File : VV006758.D
Acq On : 30 Jul 2018 13:03
Operator : SY/MD
Sample : J4190-06
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jul 30 17:00:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jul 30 16:58:50 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.67 | 114 | 248585 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.90 | 117 | 230084 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 94092 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 60403 | 4.67 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 93.40% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 50791 | 5.00 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 100.00% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.13 | 63 | 83819 | 3.30 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 66.00% | | | |
| 20) 2-Butanone-d5 | 3.96 | 46 | 178262 | 44.10 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 88.20% | | | |
| 24) Chloroform-d | 4.41 | 84 | 113523 | 4.68 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 93.60% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.09 | 65 | 58951 | 4.98 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 99.60% | | | |
| 32) Benzene-d6 | 5.10 | 84 | 237075 | 5.01 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 100.20% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.12 | 67 | 77725 | 4.86 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 97.20% | | | |
| 41) Toluene-d8 | 7.36 | 98 | 194765 | 4.71 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 94.20% | | | |
| 43) trans-1,3-Dichloropropene- | 7.67 | 79 | 24614 | 4.72 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 94.40% | | | |
| 46) 2-Hexanone-d5 | 8.14 | 63 | 136083 | 41.22 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 82.44% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27 | 84 | 56279 | 4.32 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 86.40% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.68 | 152 | 70518 | 5.03 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 100.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.20 | 43 | 20651 | 8.029 | ug/L | 100 |
| 15) Methyl Acetate | 2.34 | 43 | 12527 | 1.643 | ug/L # | 49 |
| 17) Methyl tert-butyl Ether | 2.81 | 73 | 13449 | 0.337 | ug/L | 98 |
| 21) 2-Butanone | 4.03 | 43 | 3935 | 0.913 | ug/L # | 61 |
| 25) Chloroform | 4.44 | 83 | 10947 | 0.359 | ug/L | 100 |
| 35) Methylcyclohexane | 6.12 | 83 | 18270 | 0.626 | ug/L # | 17 |
| 37) 1,2-Dichloropropane | 6.12 | 63 | 8189 | 0.461 | ug/L # | 88 |
| 48) 2-Hexanone | 8.20 | 43 | 1817 | 0.267 | ug/L # | 64 |

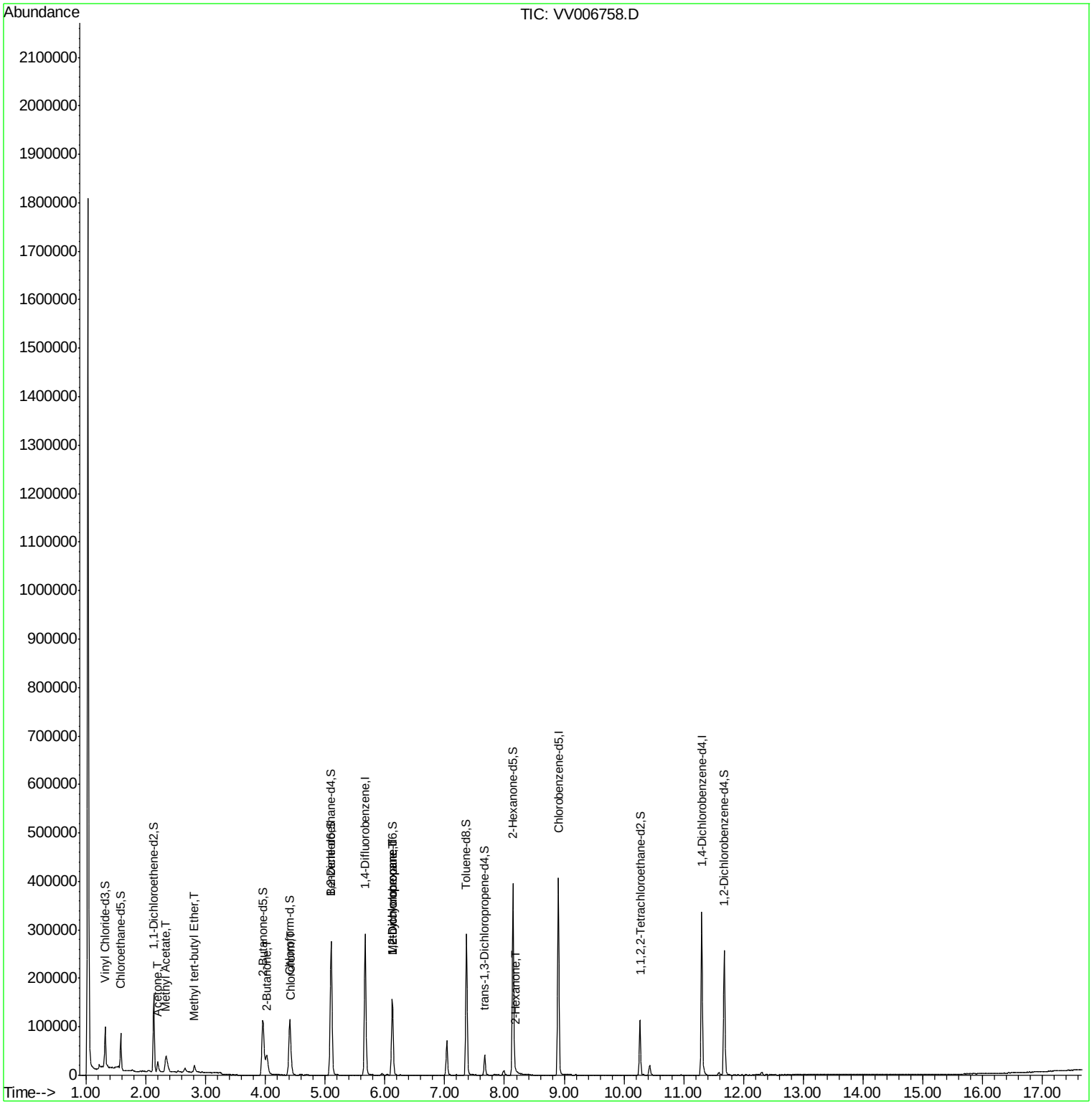
(#) = qualifier out of range (m) = manual integration (+) = signals summed

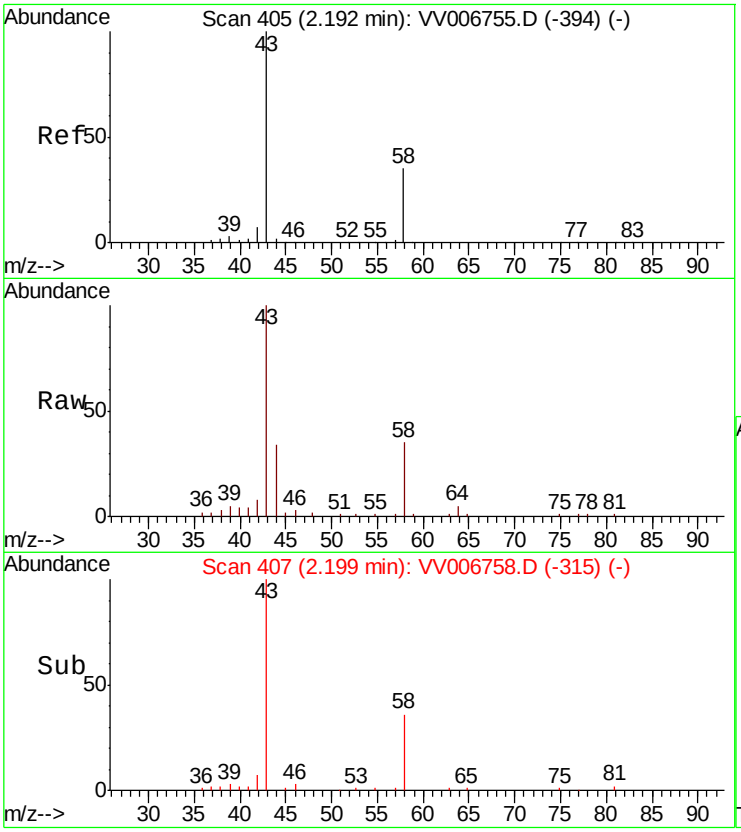
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV073018\
Data File : VV006758.D
Acq On : 30 Jul 2018 13:03
Operator : SY/MD
Sample : J4190-06
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jul 30 17:00:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jul 30 16:58:50 2018
Response via : Initial Calibration



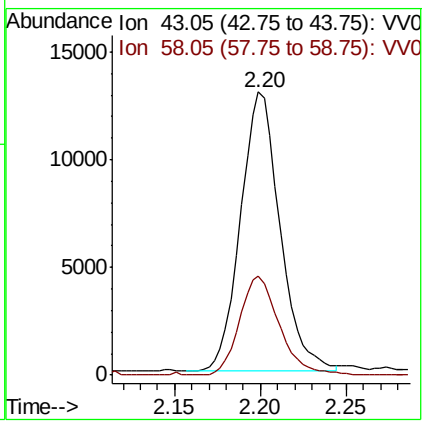


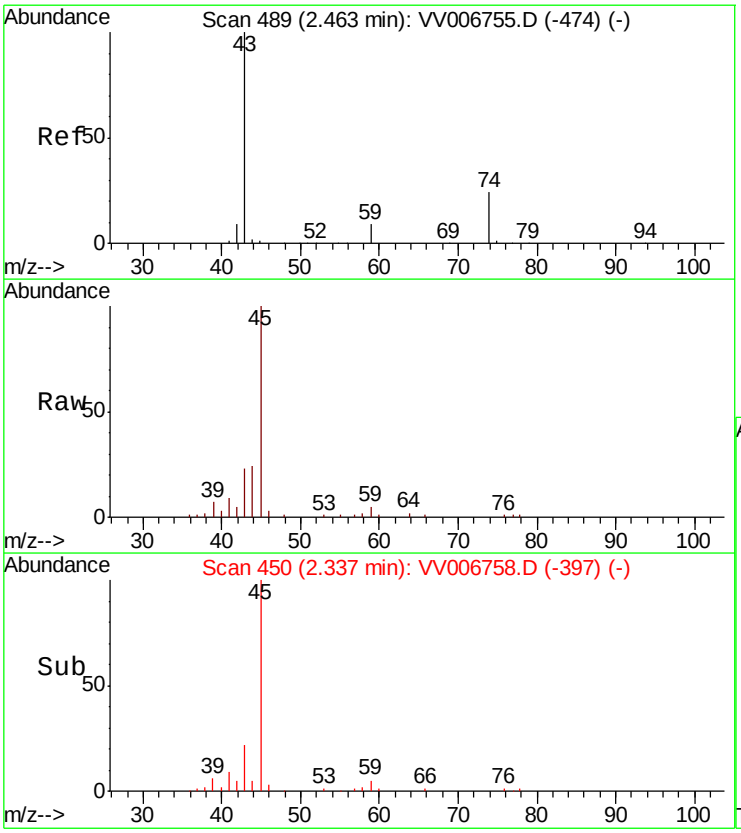

#13
Acetone
Concen: 8.029 ug/L
RT: 2.20 min Scan# 407
Delta R.T. -0.00 min
Lab File: VV006758.D
Acq: 30 Jul 2018 13:03

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

Tgt Ion: 43 Resp: 20651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 35.8 | 0.0 | 71.4 |

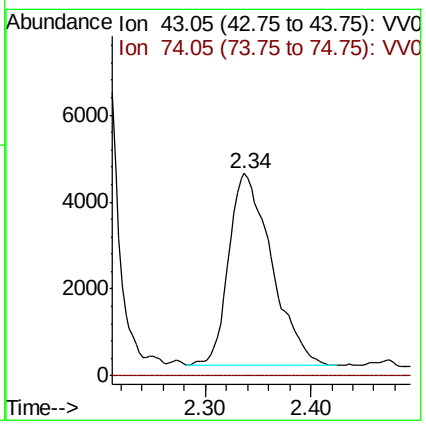


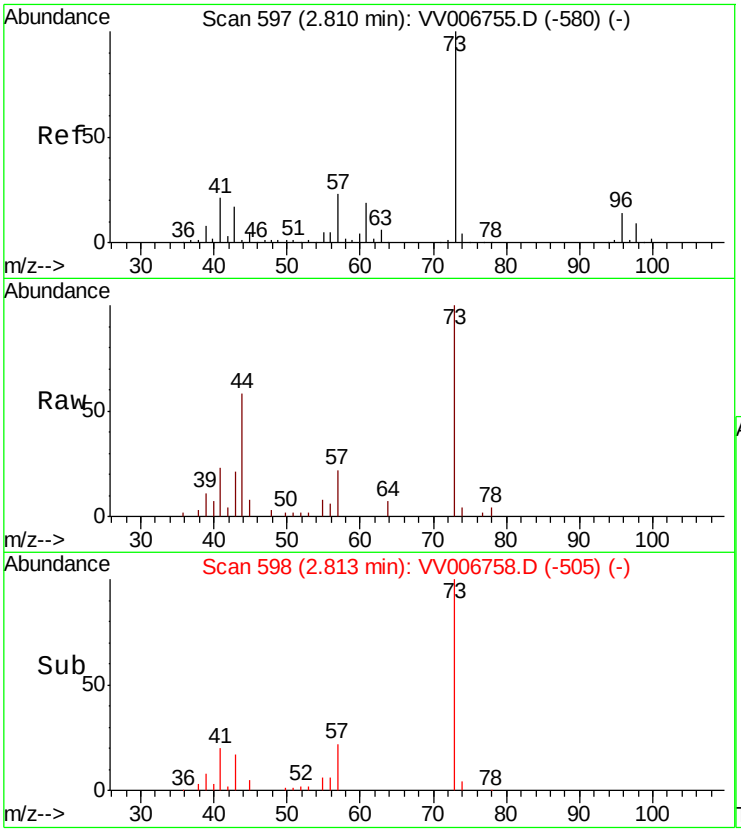




#15
Methyl Acetate
Concen: 1.643 ug/L
RT: 2.34 min Scan# 450
Delta R.T. -0.13 min
Lab File: VV006758.D
Acq: 30 Jul 2018 13:03

Tgt Ion: 43 Resp: 12527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 20.6 | 31.0# |



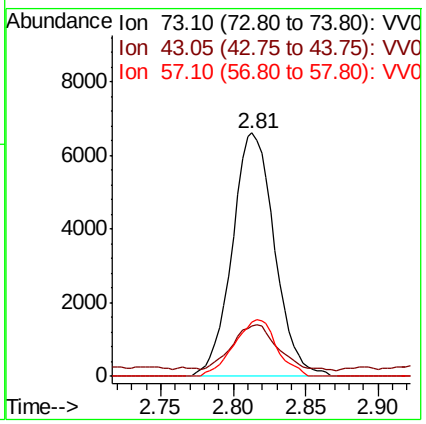


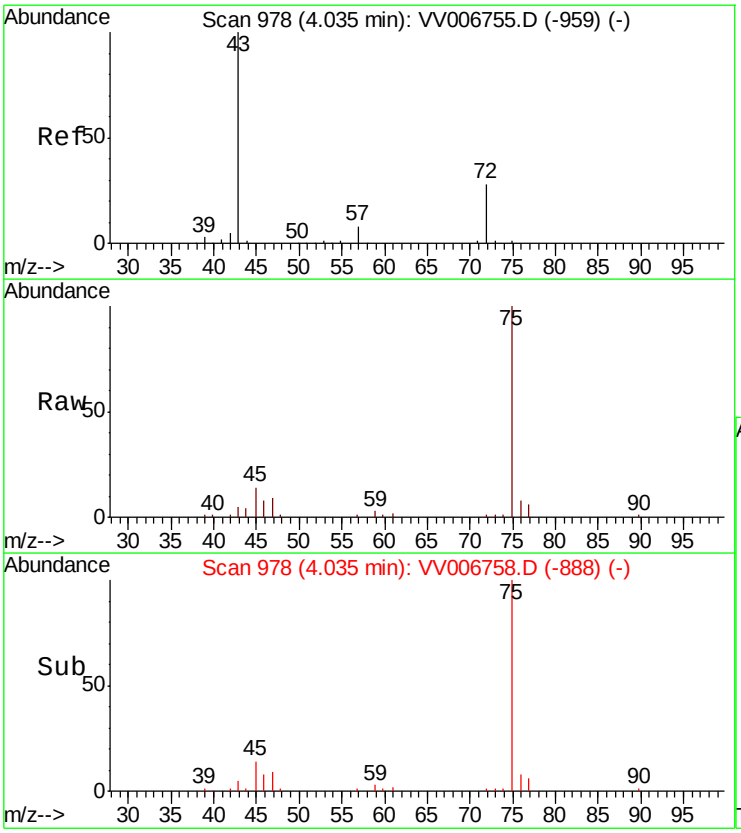

#17
Methyl tert-butyl Ether
Concen: 0.337 ug/L
RT: 2.81 min Scan# 598
Delta R.T. -0.00 min
Lab File: VV006758.D
Acq: 30 Jul 2018 13:03

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

Tgt Ion: 73 Resp: 13449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 18.4 | 14.2 | 21.4 |
| 57 | 23.6 | 18.2 | 27.2 |

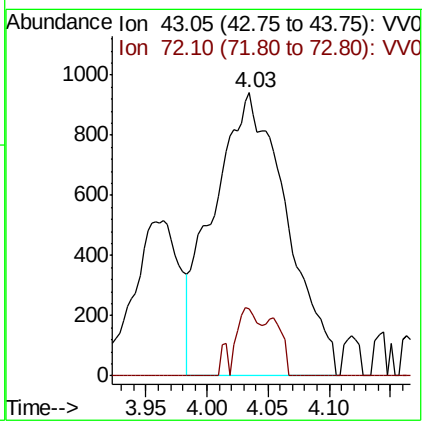


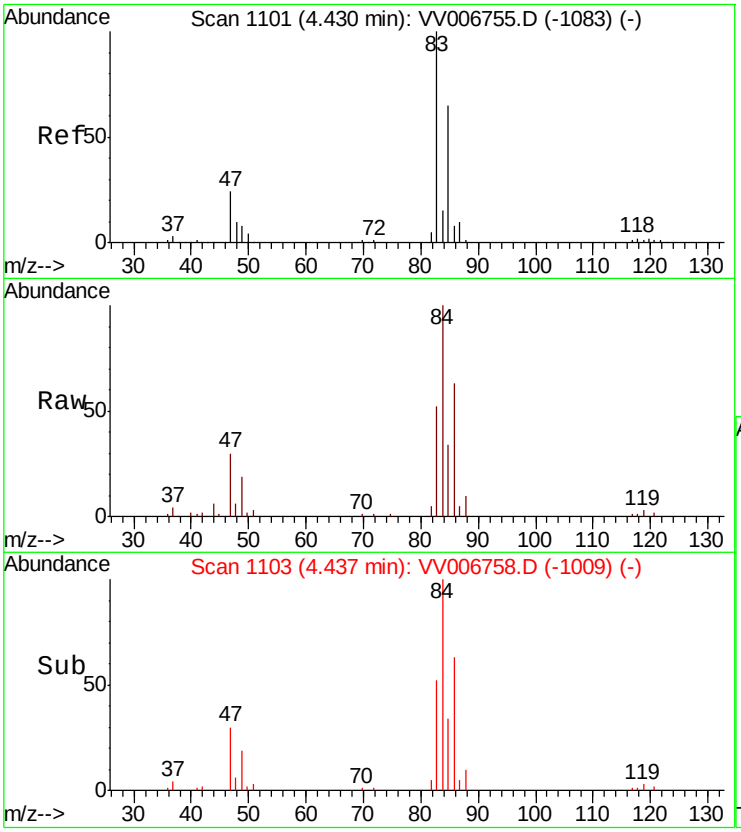




#21
2-Butanone
Concen: 0.913 ug/L
RT: 4.03 min Scan# 978
Delta R.T. -0.01 min
Lab File: VV006758.D
Acq: 30 Jul 2018 13:03

Tgt Ion: 43 Resp: 3935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 7.1 | 13.8 | 41.4# |



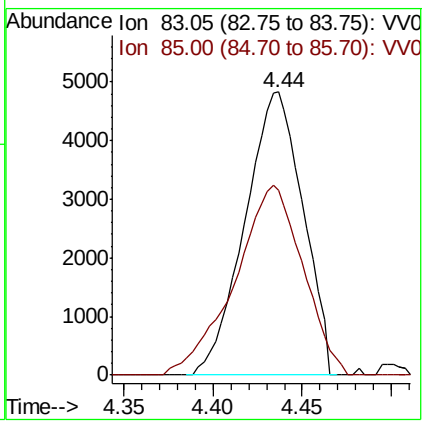


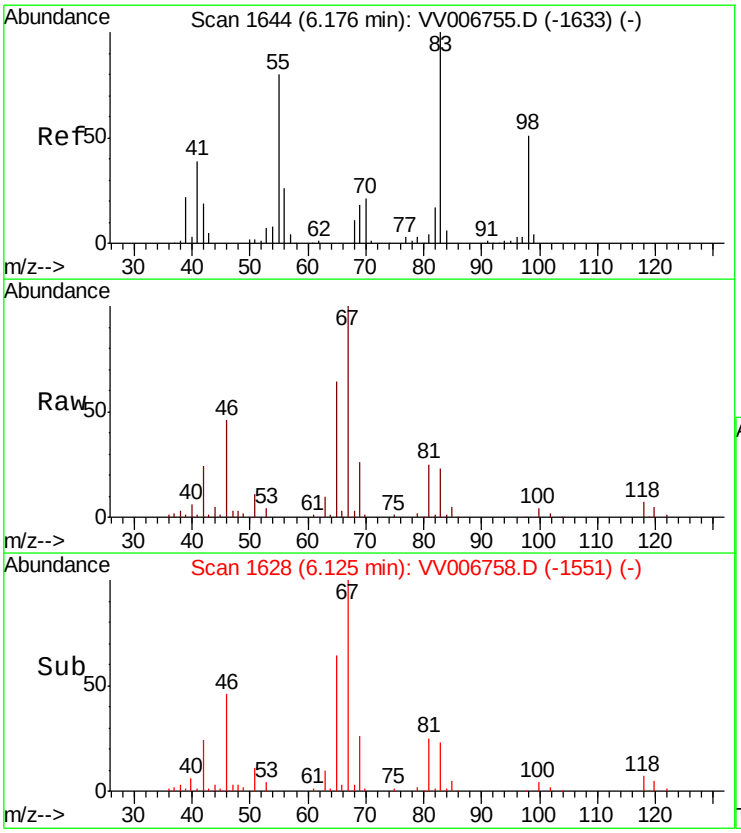

#25
Chloroform
Concen: 0.359 ug/L
RT: 4.44 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VV006758.D
Acq: 30 Jul 2018 13:03

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

Tgt Ion: 83 Resp: 10947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.5 | 46.1 | 85.5 |

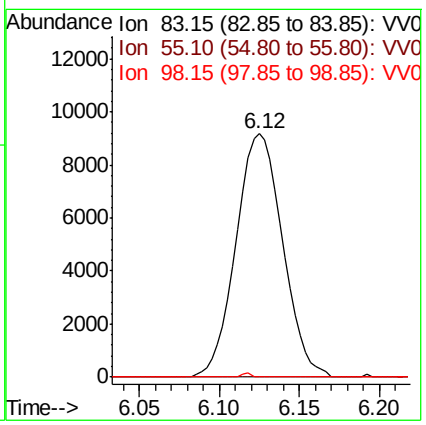


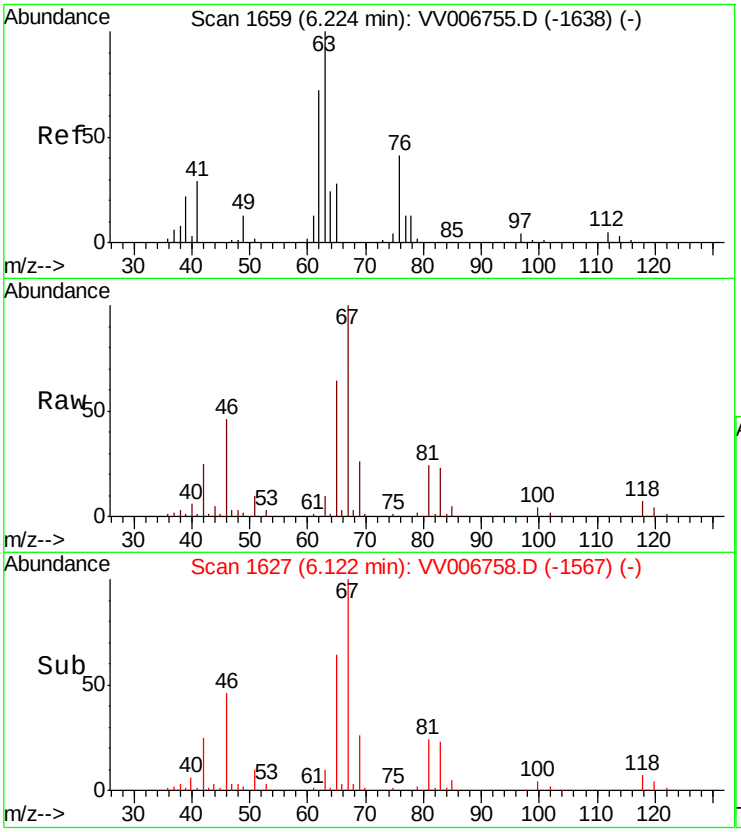




#35
Methylcyclohexane
Concen: 0.626 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006758.D
Acq: 30 Jul 2018 13:03

Tgt Ion: 83 Resp: 18270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 61.9 | 92.9# |
| 98 | 0.3 | 39.7 | 59.5# |



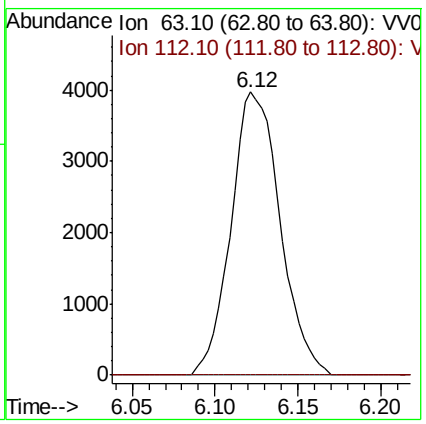


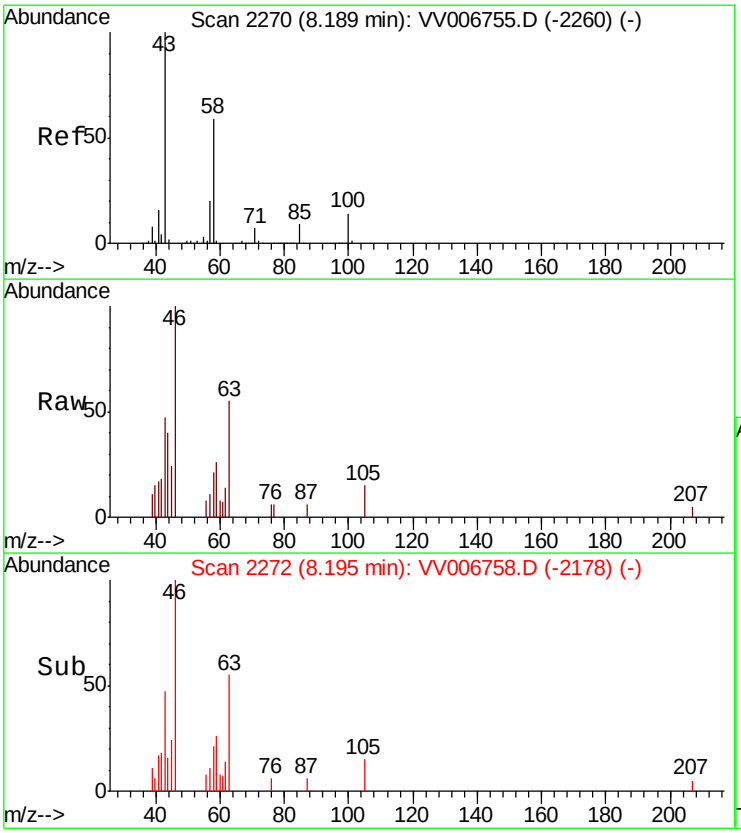

#37
1,2-Dichloropropane
Concen: 0.461 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.11 min
Lab File: VV006758.D
Acq: 30 Jul 2018 13:03

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

Tgt Ion: 63 Resp: 8189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.6 | 3.8 | 5.6# |




#48
2-Hexanone
Concen: 0.267 ug/L
RT: 8.20 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VV006758.D
Acq: 30 Jul 2018 13:03

Tgt Ion: 43 Resp: 1817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 23.5 | 47.2 | 70.8# |
| 57 | 16.6 | 16.1 | 24.1 |
| 100 | 2.5 | 11.1 | 16.7# |