Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072018\
Data File : VU025564.D
Acq On : 20 Jul 2018 23:55
Operator : MD/SY
Sample : J4097-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :**

Quant Time: Jul 21 02:55:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 21 02:53:20 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.89 | 114 | 315902 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.09 | 117 | 286523 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152 | 131668 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.40 | 65 | 77462 | 42.95 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 85.90% | | | |
| 7) Chloroethane-d5 | 1.68 | 69 | 66332 | 44.59 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 89.18% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.27 | 63 | 126690 | 33.74 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 67.48% | | | |
| 21) 2-Butanone-d5 | 4.18 | 46 | 139380 | 100.11 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 100.11% | | | |
| 24) Chloroform-d | 4.65 | 84 | 182283 | 45.38 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 90.76% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.31 | 65 | 126377 | 47.57 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 95.14% | | | |
| 32) Benzene-d6 | 5.35 | 84 | 356976 | 48.58 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 97.16% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.34 | 67 | 114911 | 48.53 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 97.06% | | | |
| 41) Toluene-d8 | 7.57 | 98 | 329598 | 46.77 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 93.54% | | | |
| 43) trans-1,3-Dichloropropene- | 7.85 | 79 | 52115 | 43.09 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 86.18% | | | |
| 47) 2-Hexanone-d5 | 8.31 | 63 | 104140 | 105.04 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 105.04% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.44 | 84 | 157319 | 47.51 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 95.02% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.86 | 152 | 132546 | 49.67 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 99.34% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.32 | 43 | 3403 | 2.082 | ug/L | 97 |
| 18) Methyl tert-butyl Ether | 3.00 | 73 | 32675 | 4.888 | ug/L | 97 |
| 19) 1,1-Dichloroethane | 3.45 | 63 | 43639 | 11.176 | ug/L | 98 |
| 35) Methylcyclohexane | 6.34 | 83 | 28010 | 7.953 | ug/L # | 19 |
| 37) 1,2-Dichloropropane | 6.33 | 63 | 12805 | 5.692 | ug/L # | 88 |
| 59) 1,2,3-Trichloropropane | 11.49 | 75 | 14389 | 5.445 | ug/L | 90 |

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

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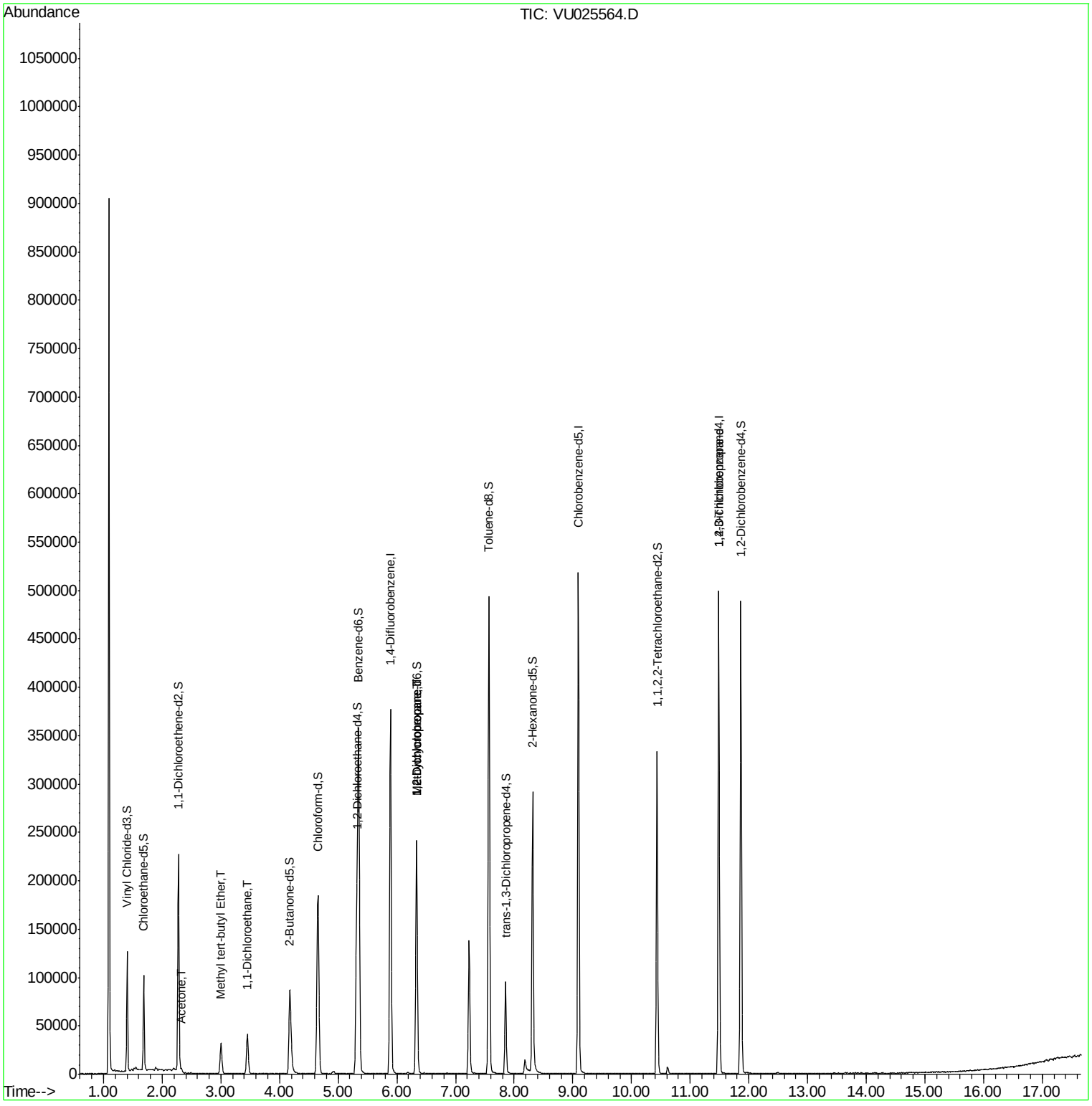
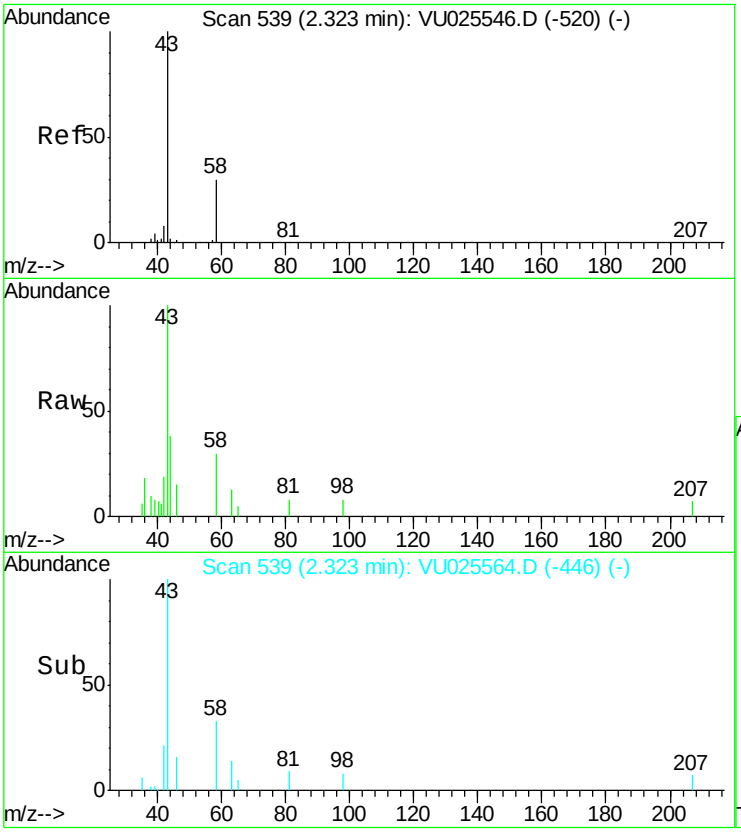
Operator : MD/SY
Sample : J4097-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**

Quant Time: Jul 21 02:55:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 21 02:53:20 2018
Response via : Initial Calibration



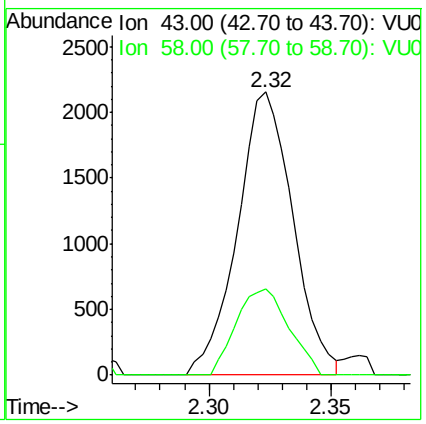


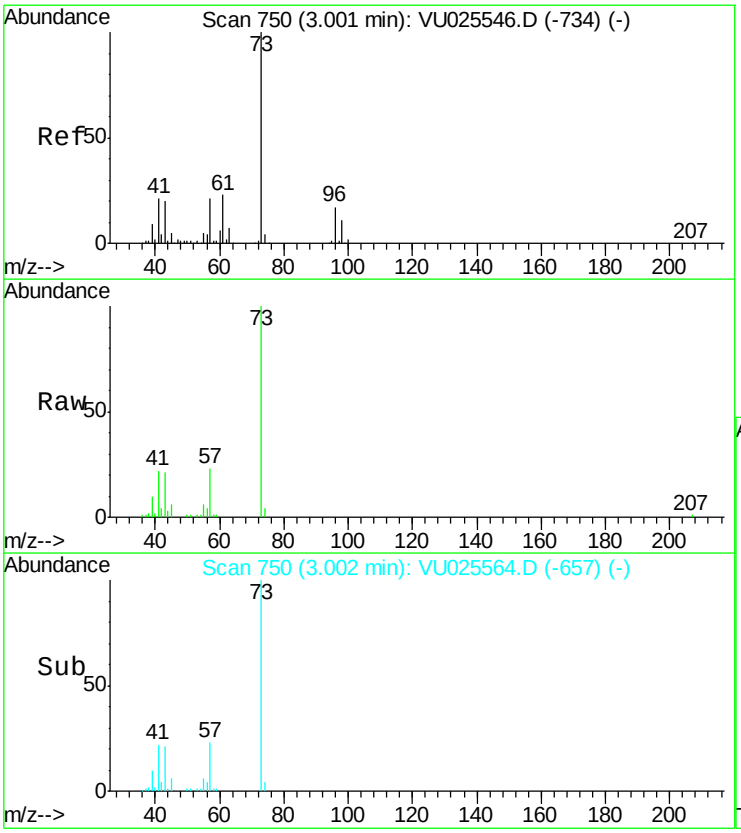

#13
Acetone
Concen: 2.082 ug/L
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU025564.D
Acq: 20 Jul 2018 23:55

**Instrument :**
MSVOA_U
**ClientSampleId :**

Tgt Ion: 43 Resp: 3403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.1 | 0.0 | 61.2 |

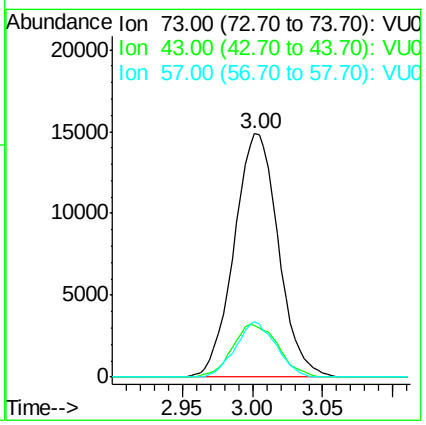


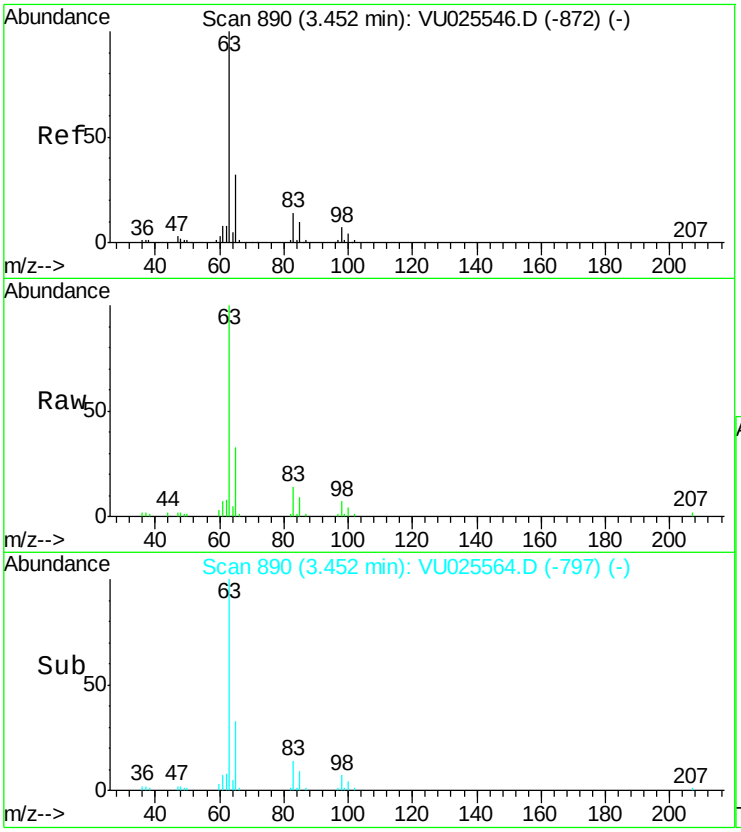




#18
Methyl tert-butyl Ether
Concen: 4.888 ug/L
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU025564.D
Acq: 20 Jul 2018 23:55

Tgt Ion: 73 Resp: 32675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 22.5 | 16.2 | 24.2 |
| 57 | 20.7 | 17.1 | 25.7 |



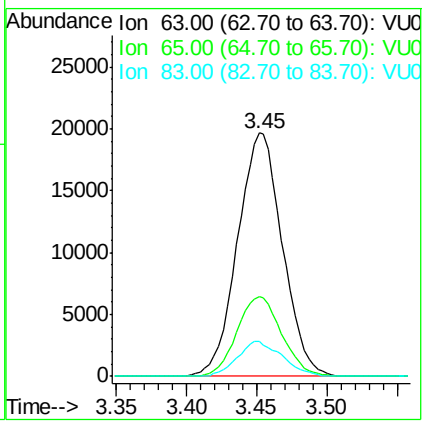


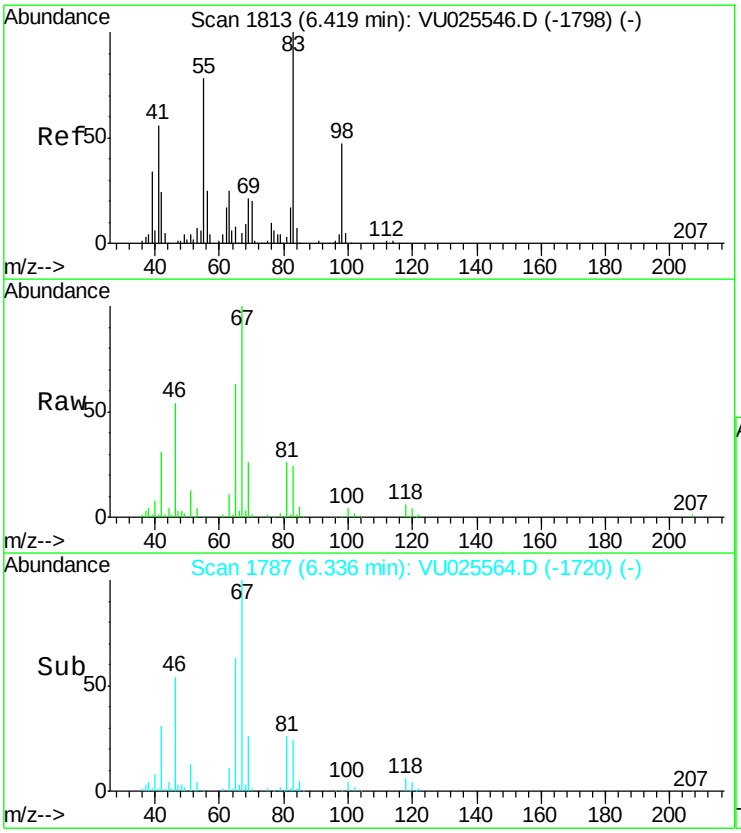

#19
1,1-Dichloroethane
Concen: 11.176 ug/L
RT: 3.45 min Scan# 890
Delta R.T. 0.00 min
Lab File: VU025564.D
Acq: 20 Jul 2018 23:55

**Instrument :**
MSVOA_U
**ClientSampleId :**

Tgt Ion: 63 Resp: 43639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 32.9 | 22.0 | 41.0 |
| 83 | 14.2 | 9.6 | 17.8 |

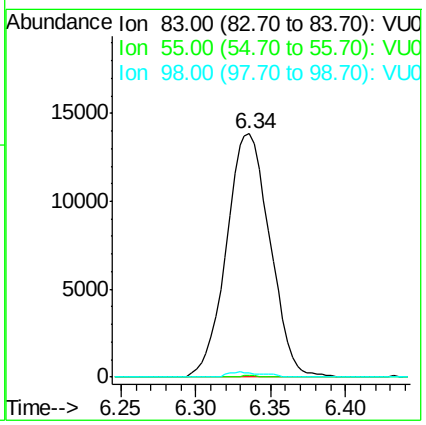


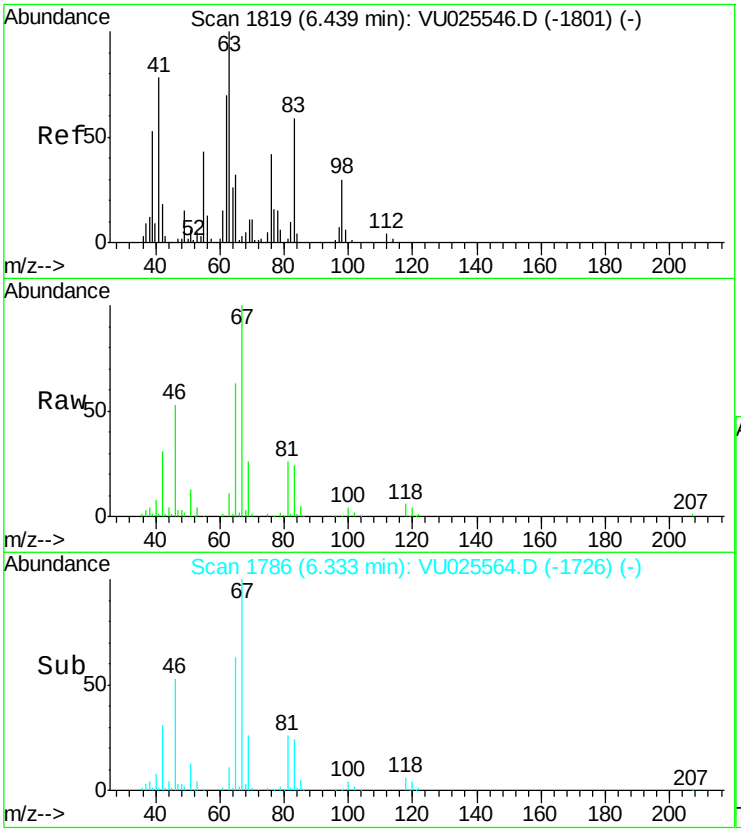




#35
Methylcyclohexane
Concen: 7.953 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.08 min
Lab File: VU025564.D
Acq: 20 Jul 2018 23:55

Tgt Ion: 83 Resp: 28010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.2 | 61.1 | 91.7# |
| 98 | 1.1 | 38.6 | 57.8# |



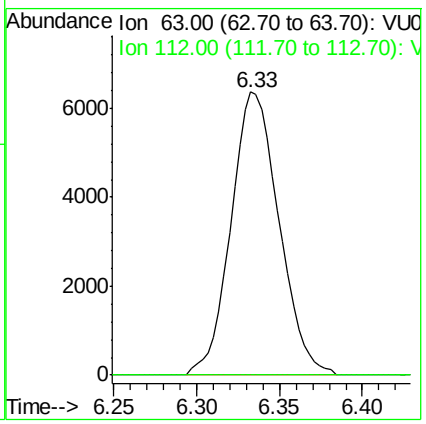


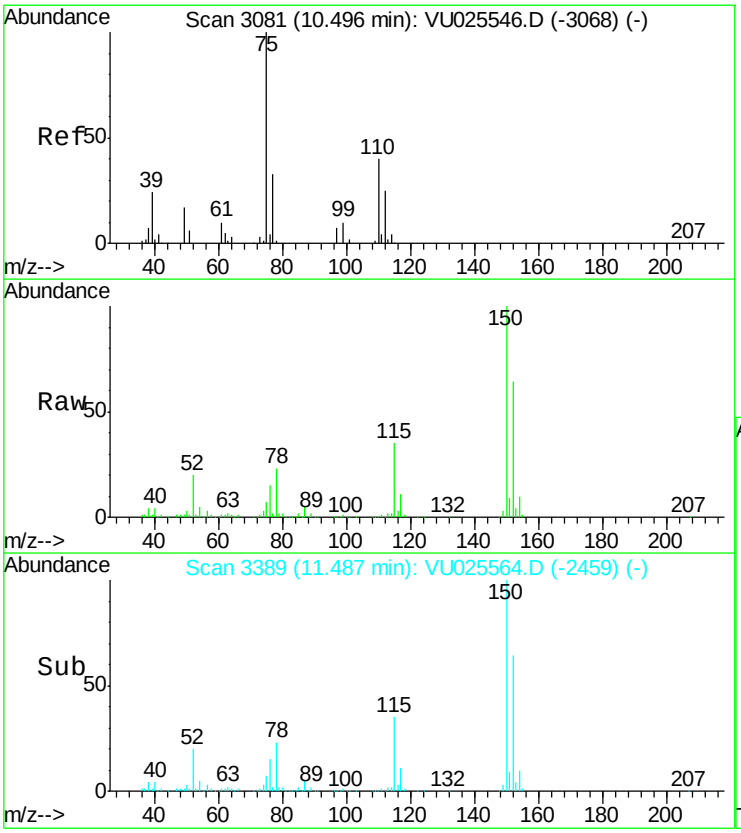

#37
1,2-Dichloropropane
Concen: 5.692 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.11 min
Lab File: VU025564.D
Acq: 20 Jul 2018 23:55

**Instrument :**
MSVOA_U
**ClientSampleId :**

Tgt Ion: 63 Resp: 12805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.3 | 4.9# |




#59
1,2,3-Trichloropropane
Concen: 5.445 ug/L
RT: 11.49 min Scan# 3389
Delta R.T. 0.99 min
Lab File: VU025564.D
Acq: 20 Jul 2018 23:55

Tgt Ion: 75 Resp: 14389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 37.9 | 25.8 | 38.8 |