Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120919\

Quantitation Report (Not Reviewed)

Data File : VU036052.D
Acq On : 09 Dec 2019 17:14
Operator : JC/MD
Sample : K6168-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BFE43

Quant Time: Dec 10 01:51:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 10 01:47:47 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.29 | 114 | 189122 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.45 | 117 | 198122 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152 | 56101 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.61 | 65 | 87517 | 5.19 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 103.80% | | | |
| 7) Chloroethane-d5 | 1.93 | 69 | 103212 | 5.83 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 116.60% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.59 | 63 | 109983 | 3.57 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 71.40% | | | |
| 20) 2-Butanone-d5 | 4.69 | 46 | 210291 | 73.21 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 146.42%# | | | |
| 24) Chloroform-d | 5.11 | 84 | 157054 | 5.74 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 114.80% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.75 | 65 | 89146 | 6.29 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 125.80% | | | |
| 32) Benzene-d6 | 5.77 | 84 | 288700 | 5.76 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 115.20% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.73 | 67 | 93352 | 6.17 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 123.40% | | | |
| 41) Toluene-d8 | 7.93 | 98 | 217907 | 4.71 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 94.20% | | | |
| 43) trans-1,3-Dichloropropene- | 8.21 | 79 | 29425 | 4.67 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 93.40% | | | |
| 46) 2-Hexanone-d5 | 8.68 | 63 | 158192 | 69.36 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 138.72%# | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.79 | 84 | 90965 | 6.54 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 130.80%# | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.22 | 152 | 65659 | 6.08 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 121.60%# | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.66 | 43 | 9932 | 2.724 | ug/L | 95 |
| 16) Methylene chloride | 3.08 | 84 | 1547 | 0.081 | ug/L # | 80 |
| 25) Chloroform | 5.13 | 83 | 6025 | 0.214 | ug/L | 97 |
| 35) Methylcyclohexane | 6.73 | 83 | 23506 | 1.219 | ug/L # | 19 |
| 48) 2-Hexanone | 8.68 | 43 | 19158 | 3.764 | ug/L # | 71 |
| 59) 1,2,3-Trichloropropane | 11.84 | 75 | 5823 | 0.600 | ug/L | 94 |

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

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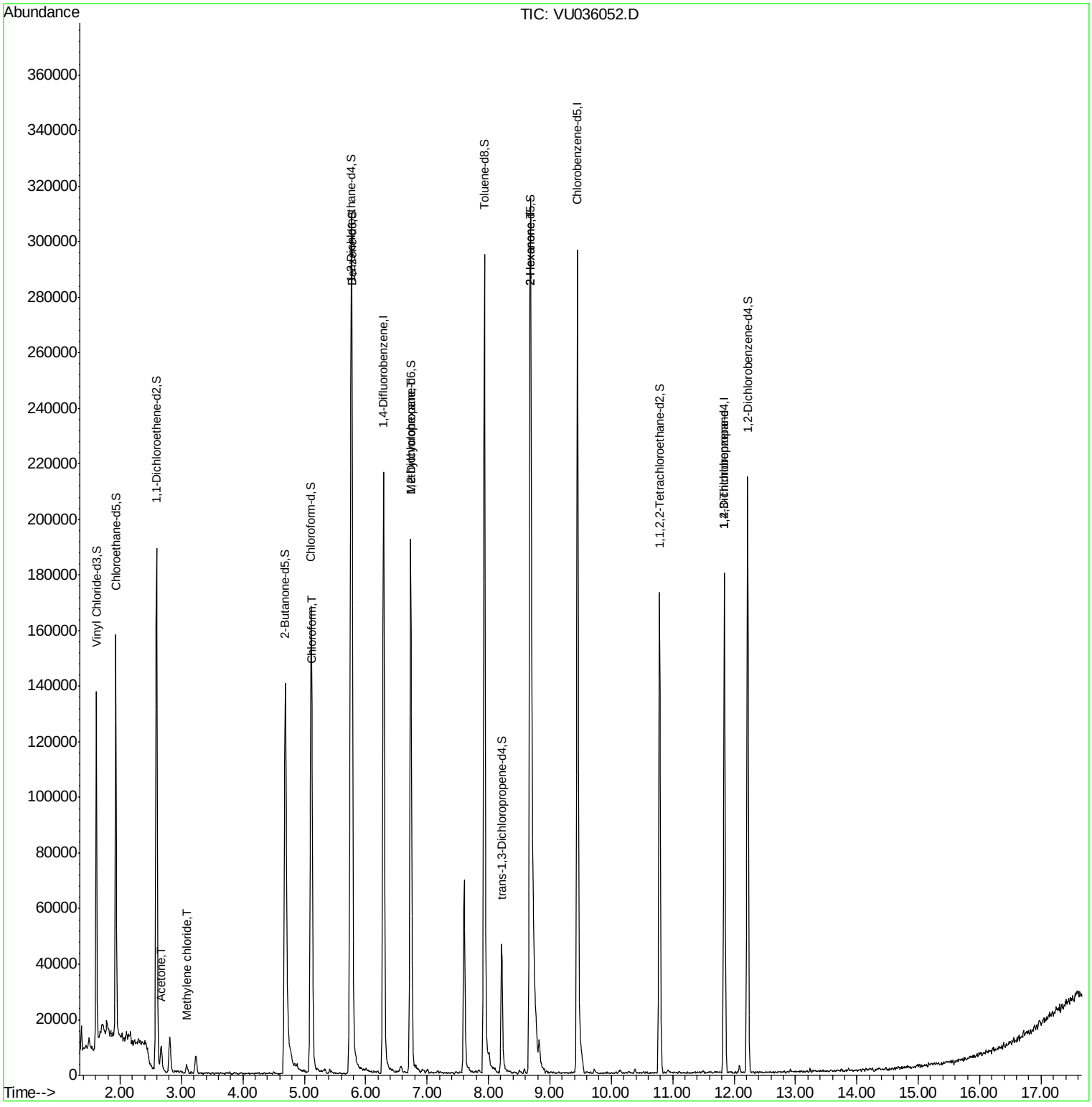
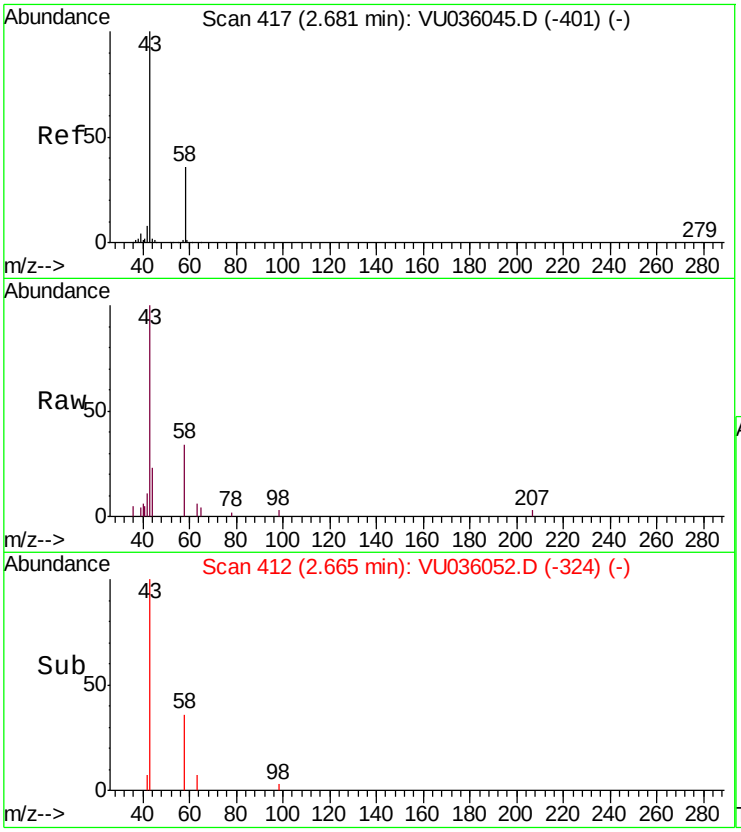
Quant Time: Dec 10 01:51:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 10 01:47:47 2019
Response via : Initial Calibration



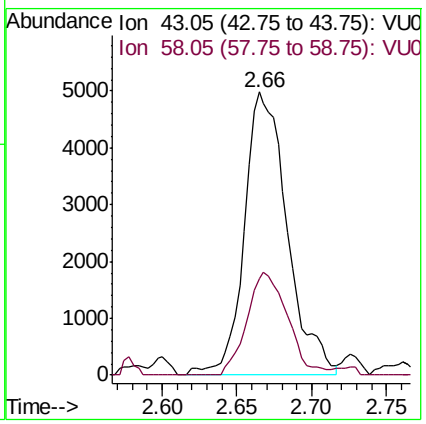


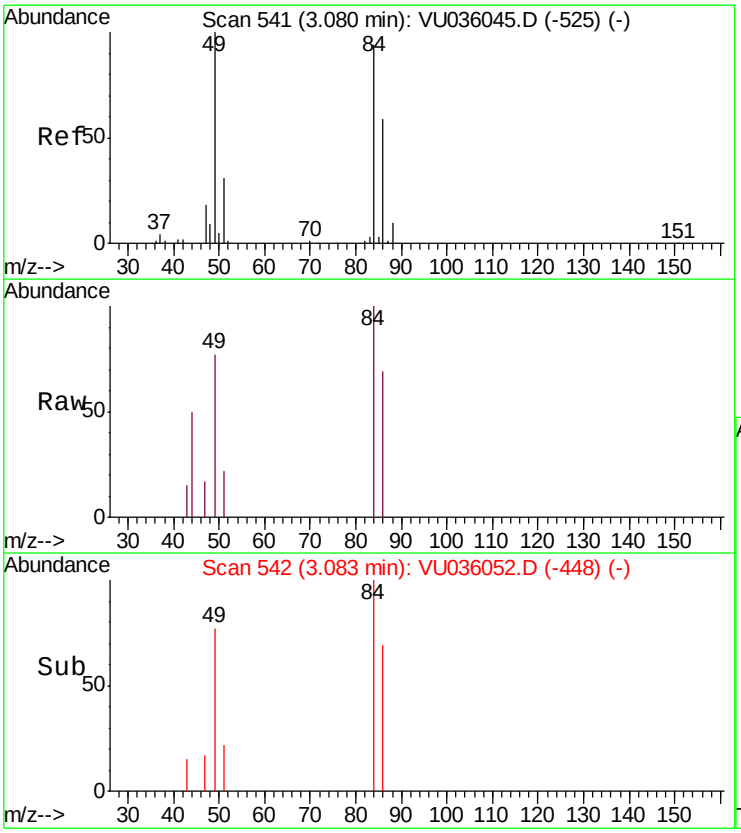

#13
Acetone
Concen: 2.724 ug/L
RT: 2.66 min Scan# 412
Delta R.T. -0.02 min
Lab File: VU036052.D
Acq: 09 Dec 2019 17:14

**Instrument :** MSVOA_U
**ClientSampleId :** BFE43

Tgt Ion: 43 Resp: 9932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 34.4 | 0.0 | 74.2 |

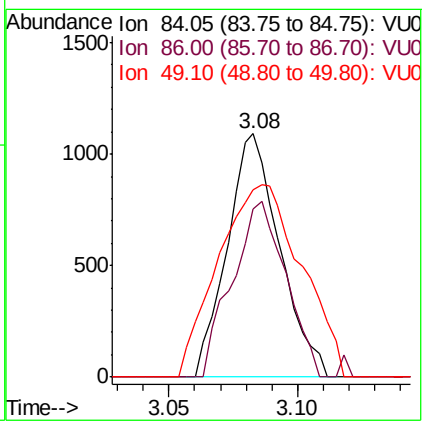


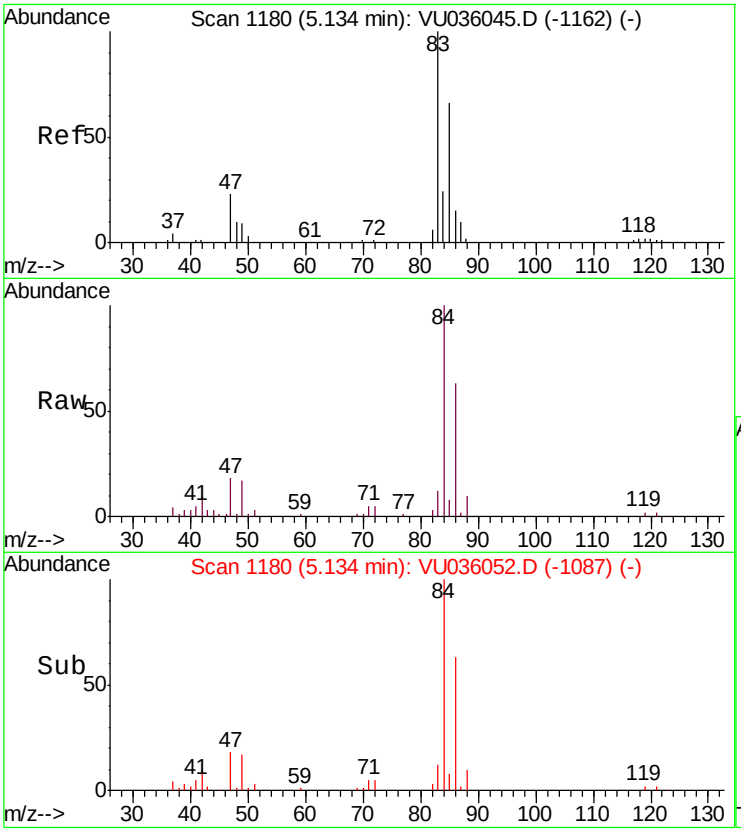




#16
Methylene chloride
Concen: 0.081 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036052.D
Acq: 09 Dec 2019 17:14

Tgt Ion: 84 Resp: 1547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 69.1 | 47.5 | 88.3 |
| 49 | 76.9 | 76.9 | 142.9# |



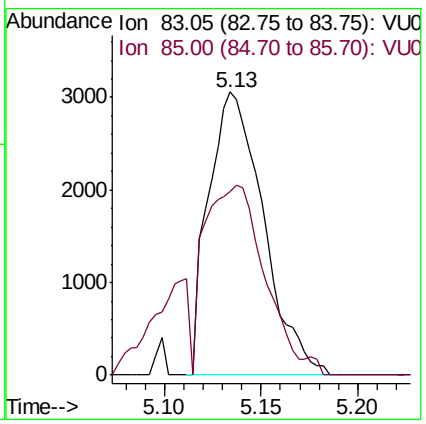


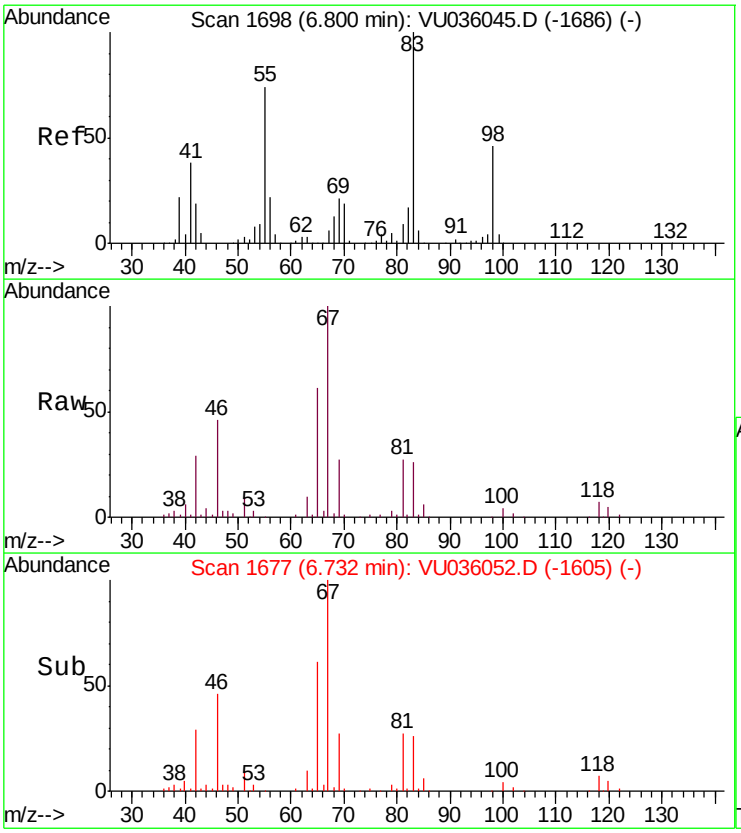

#25
Chloroform
Concen: 0.214 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VU036052.D
Acq: 09 Dec 2019 17:14

**Instrument :**
MSVOA_U
**ClientSampleId :**
BFE43

Tgt Ion: 83 Resp: 6025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.9 | 43.9 | 81.5 |

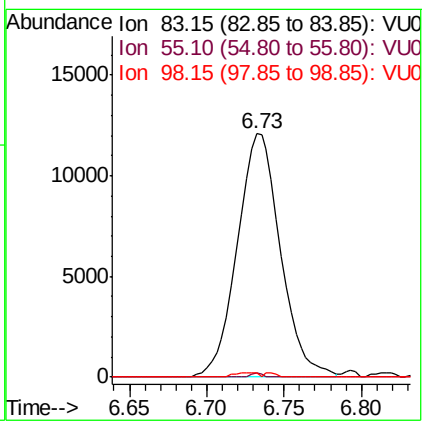


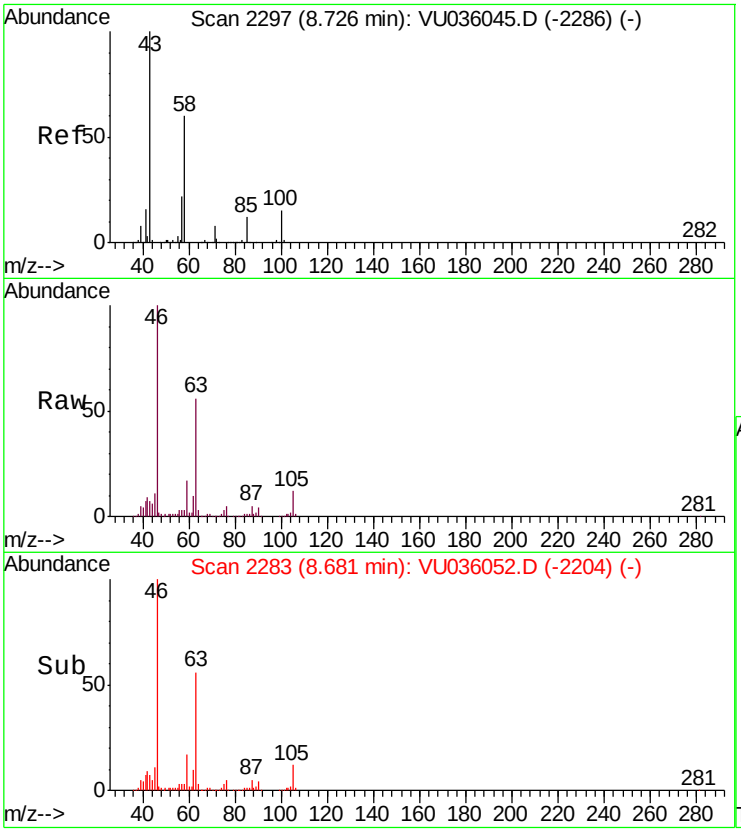




#35
Methylcyclohexane
Concen: 1.219 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036052.D
Acq: 09 Dec 2019 17:14

Tgt Ion: 83 Resp: 23506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.4 | 62.1 | 93.1# |
| 98 | 0.9 | 37.0 | 55.4# |



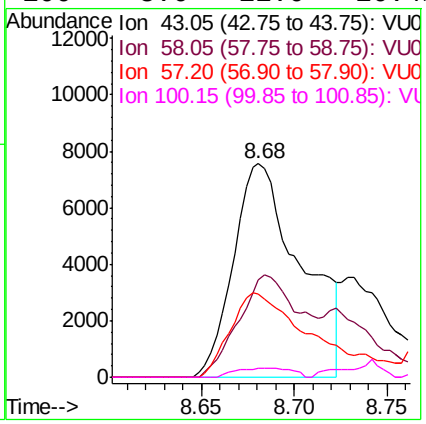


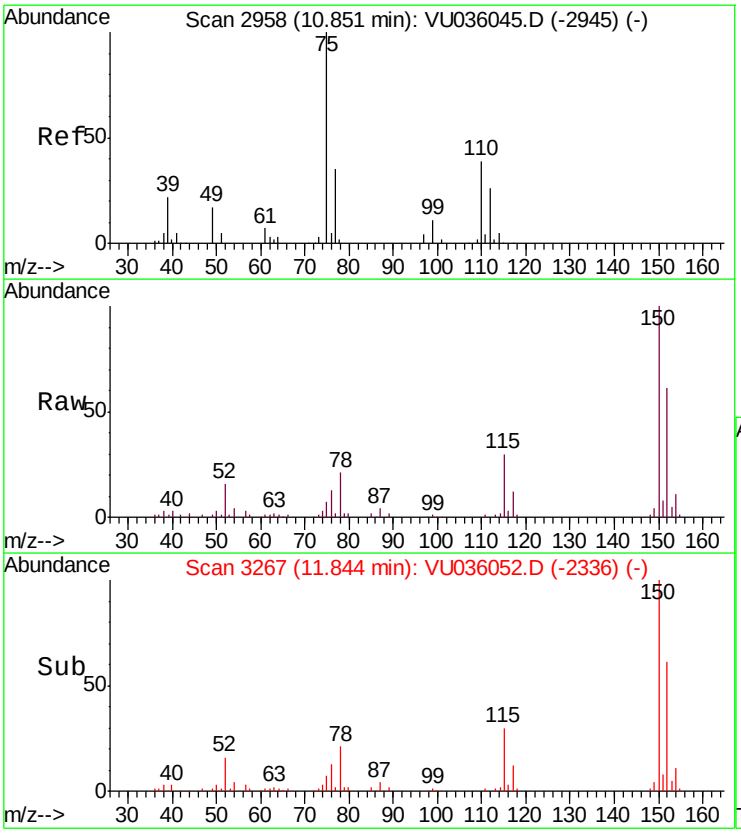

#48
2-Hexanone
Concen: 3.764 ug/L
RT: 8.68 min Scan# 2283
Delta R.T. -0.05 min
Lab File: VU036052.D
Acq: 09 Dec 2019 17:14

**Instrument :** MSVOA_U
**ClientSampleId :** BFE43

Tgt Ion: 43 Resp: 19158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 44.0 | 46.9 | 70.3# |
| 57 | 48.5 | 16.4 | 24.6# |
| 100 | 3.6 | 11.0 | 16.4# |




#59
1,2,3-Trichloropropane
Concen: 0.600 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU036052.D
Acq: 09 Dec 2019 17:14

Tgt Ion: 75 Resp: 5823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 37.0 | 26.7 | 40.1 |