Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041019\
Data File : VU030981.D
Acq On : 10 Apr 2019 01:56
Operator : JC/SP
Sample : K2290-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BEZH8

Quant Time: Apr 10 04:36:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 10 04:30:45 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.88 | 114 | 213888 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.09 | 117 | 218404 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152 | 85143 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.40 | 65 | 65992 | 4.04 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 80.80% | | | |
| 7) Chloroethane-d5 | 1.68 | 69 | 63037 | 4.78 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 95.60% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.27 | 63 | 103875 | 3.10 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 62.00% | | | |
| 20) 2-Butanone-d5 | 4.18 | 46 | 266908 | 63.37 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 126.74% | | | |
| 24) Chloroform-d | 4.64 | 84 | 116263 | 4.19 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 83.80% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.31 | 65 | 79234 | 5.39 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 107.80% | | | |
| 32) Benzene-d6 | 5.34 | 84 | 243153 | 4.19 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 83.80% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.33 | 67 | 87768 | 4.55 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 91.00% | | | |
| 41) Toluene-d8 | 7.56 | 98 | 182939 | 3.56 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 71.20% | | | |
| 43) trans-1,3-Dichloropropene- | 7.85 | 79 | 28345 | 3.96 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 79.20% | | | |
| 46) 2-Hexanone-d5 | 8.31 | 63 | 146676 | 47.09 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 94.18% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43 | 84 | 79098 | 5.73 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 114.60% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.86 | 152 | 69741 | 4.90 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 98.00% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.32 | 43 | 3540 | 1.087 | ug/L | 71 |
| 25) Chloroform | 4.67 | 83 | 23382 | 0.736 | ug/L | 94 |
| 35) Methylcyclohexane | 6.33 | 83 | 20960 | 0.710 | ug/L # | 14 |
| 37) 1,2-Dichloropropane | 6.33 | 63 | 9646 | 0.474 | ug/L # | 93 |
| 42) Toluene | 7.64 | 91 | 7759 | 0.105 | ug/L | 98 |
| 48) 2-Hexanone | 8.37 | 43 | 17835 | 2.029 | ug/L # | 78 |
| 59) 1,2,3-Trichloropropane | 11.48 | 75 | 10090 | 0.888 | ug/L | 99 |

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

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Sample : K2290-10
Misc : 25.0mL/MSVOA_U/WATER
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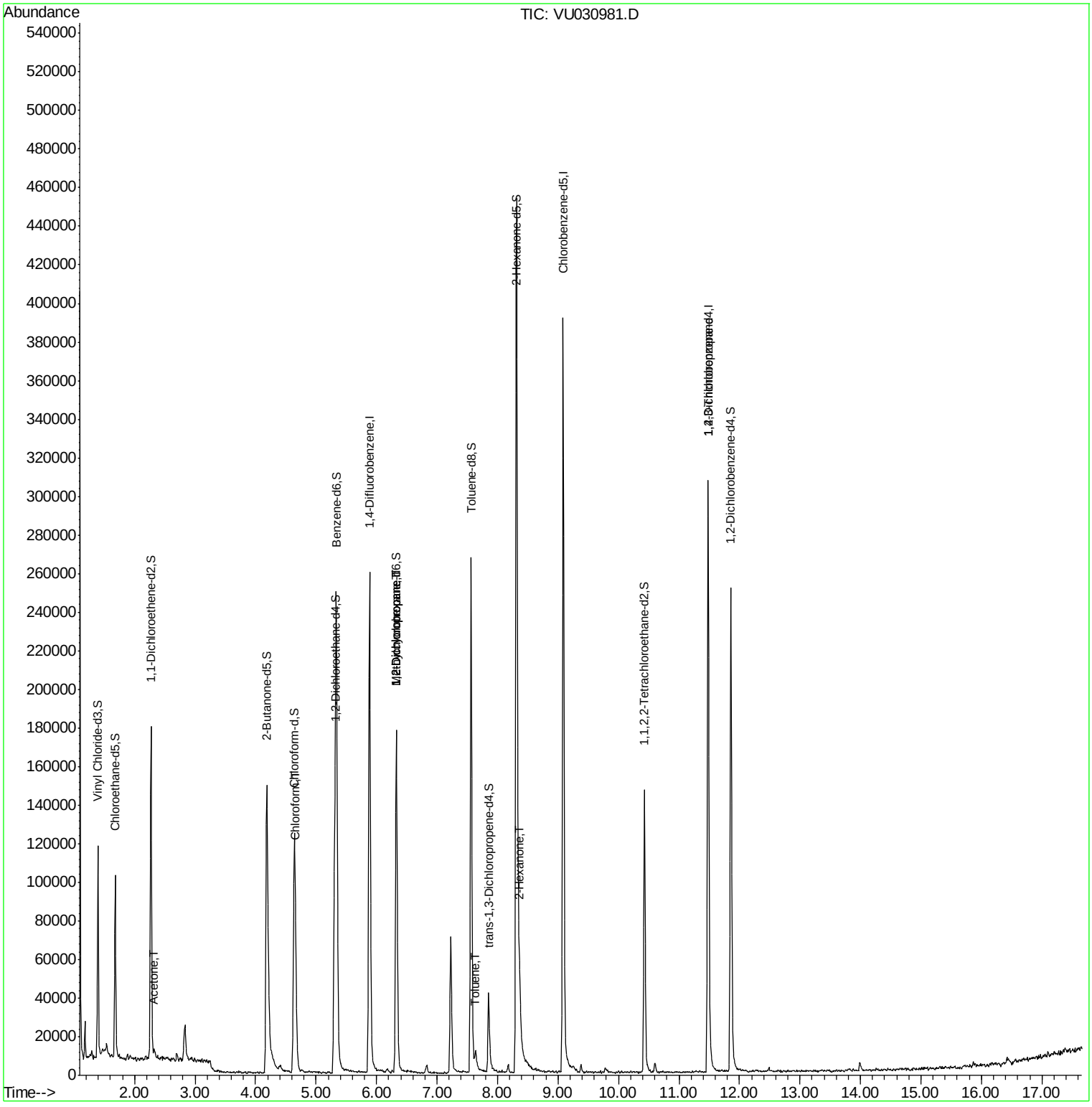
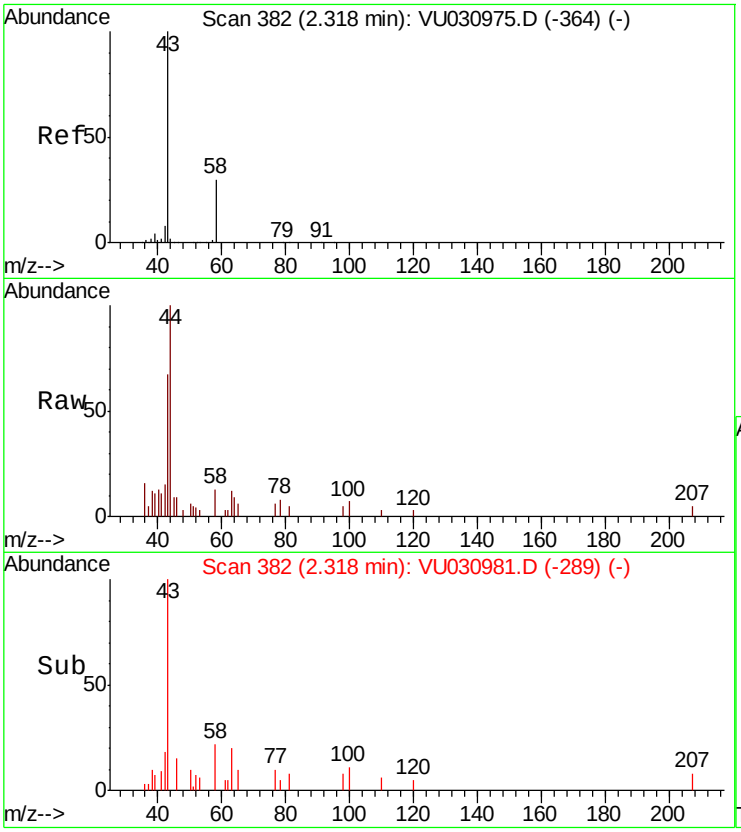
**Instrument :** MSVOA_U
**ClientSampleId :** BEZH8

Quant Time: Apr 10 04:36:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 10 04:30:45 2019
Response via : Initial Calibration



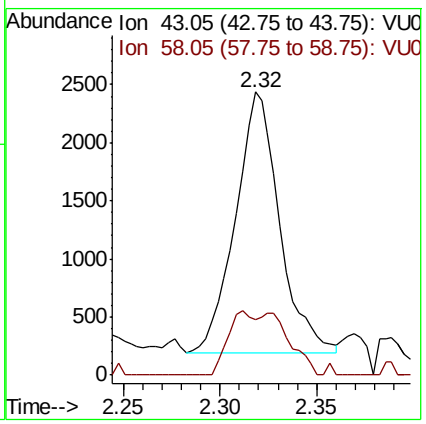


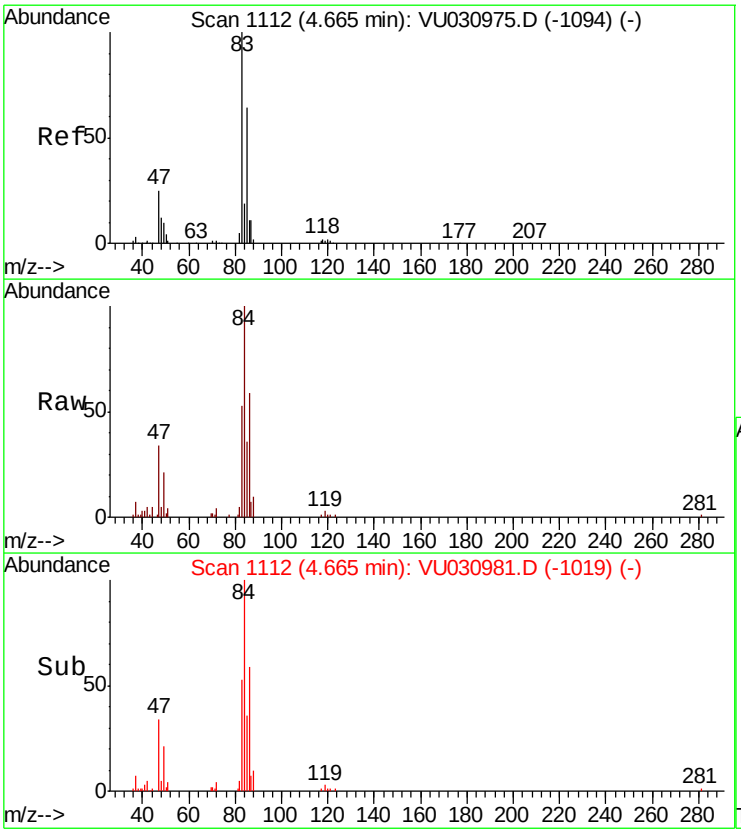

#13
Acetone
Concen: 1.087 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.00 min
Lab File: VU030981.D
Acq: 10 Apr 2019 01:56

**Instrument :**
MSVOA_U
**ClientSampleId :**
BEZH8

Tgt Ion: 43 Resp: 3540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 15.2 | 0.0 | 62.8 |

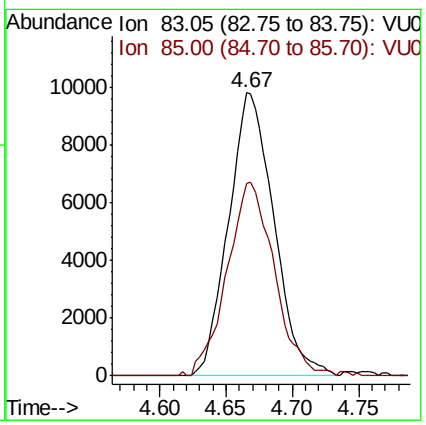


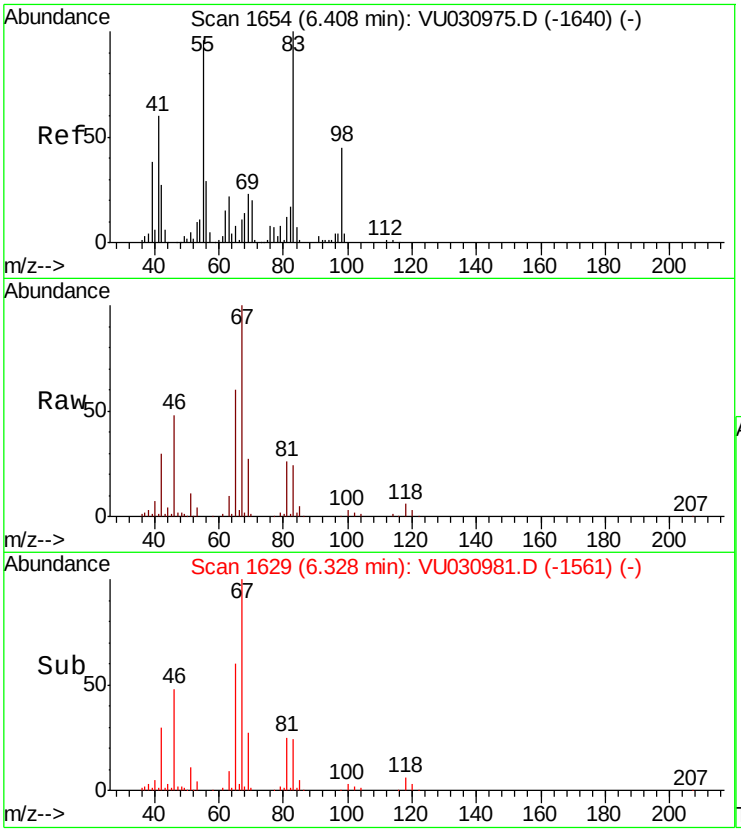




#25
Chloroform
Concen: 0.736 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VU030981.D
Acq: 10 Apr 2019 01:56

Tgt Ion: 83 Resp: 23382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 68.0 | 44.2 | 82.2 |



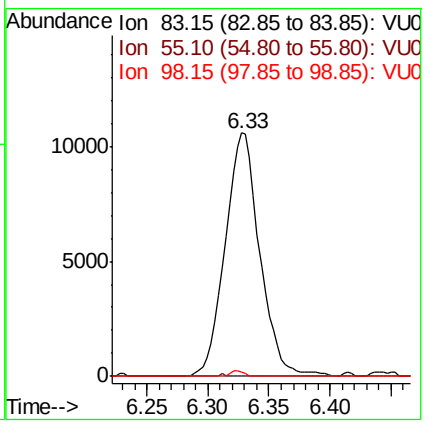


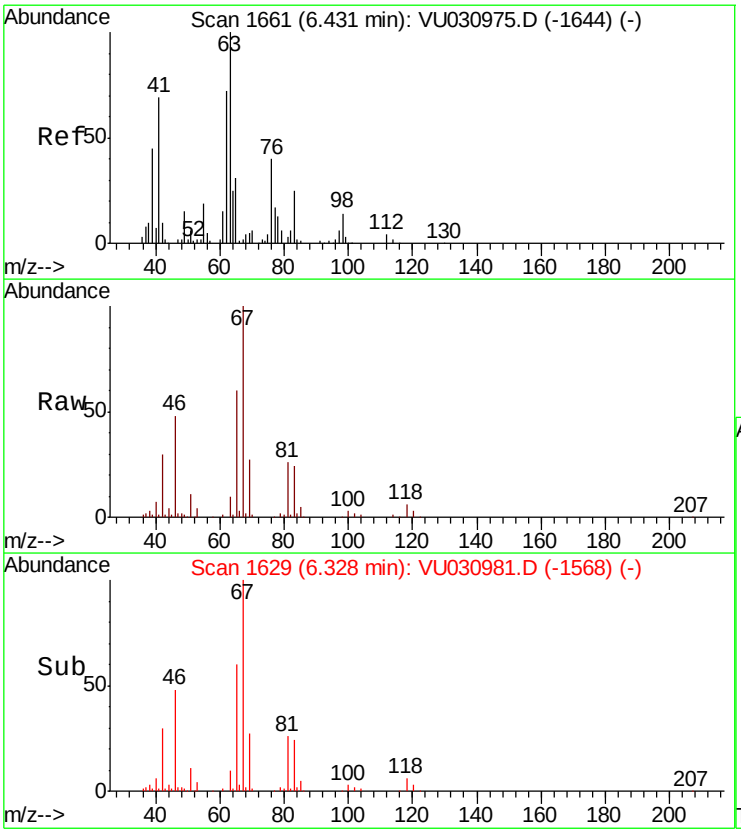

#35
Methylcyclohexane
Concen: 0.710 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU030981.D
Acq: 10 Apr 2019 01:56

**Instrument :**
MSVOA_U
**ClientSampleId :**
BEZH8

Tgt Ion: 83 Resp: 20960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.1 | 72.6 | 108.8# |
| 98 | 0.8 | 35.0 | 52.6# |

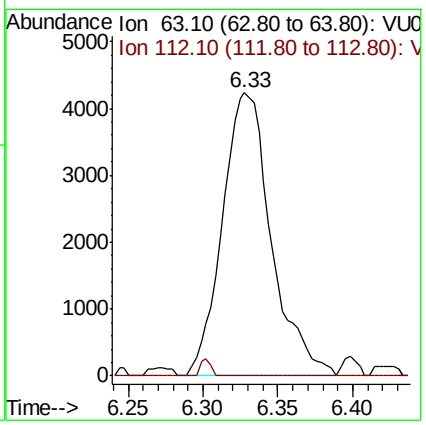


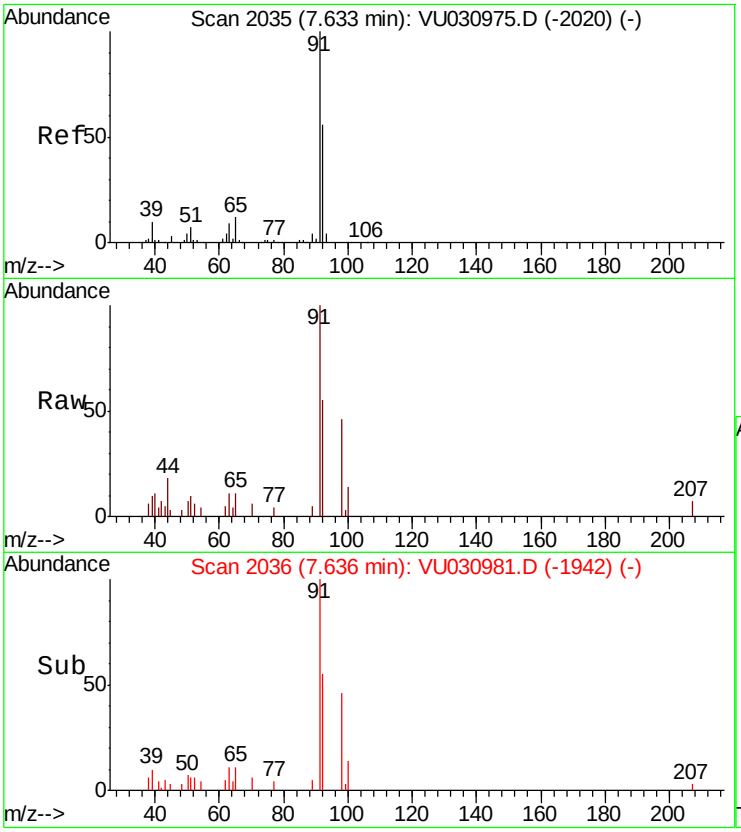




#37
1,2-Dichloropropane
Concen: 0.474 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU030981.D
Acq: 10 Apr 2019 01:56

Tgt Ion: 63 Resp: 9646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 1.2 | 2.8 | 4.2# |



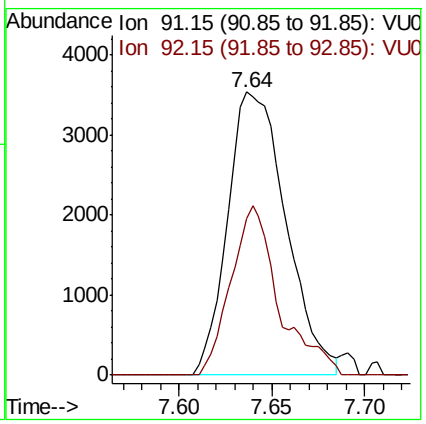


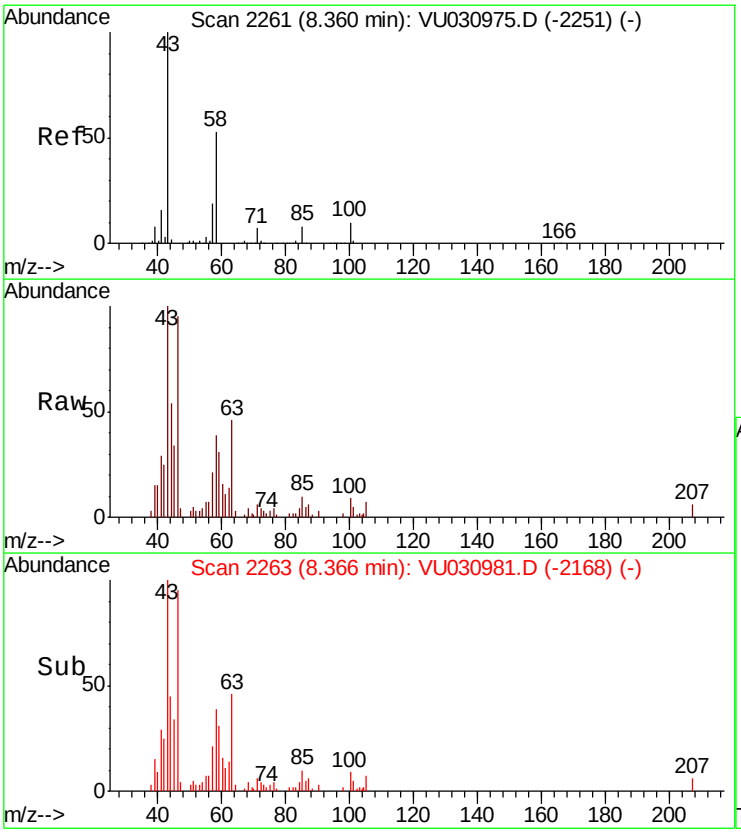

#42
Toluene
Concen: 0.105 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VU030981.D
Acq: 10 Apr 2019 01:56

**Instrument :**
MSVOA_U
**ClientSampleId :**
BEZH8

Tgt Ion: 91 Resp: 7759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 55.5 | 39.9 | 74.1 |

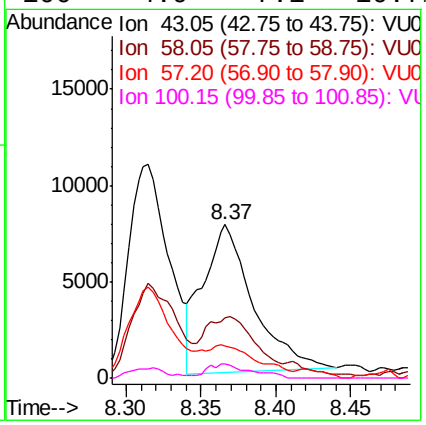


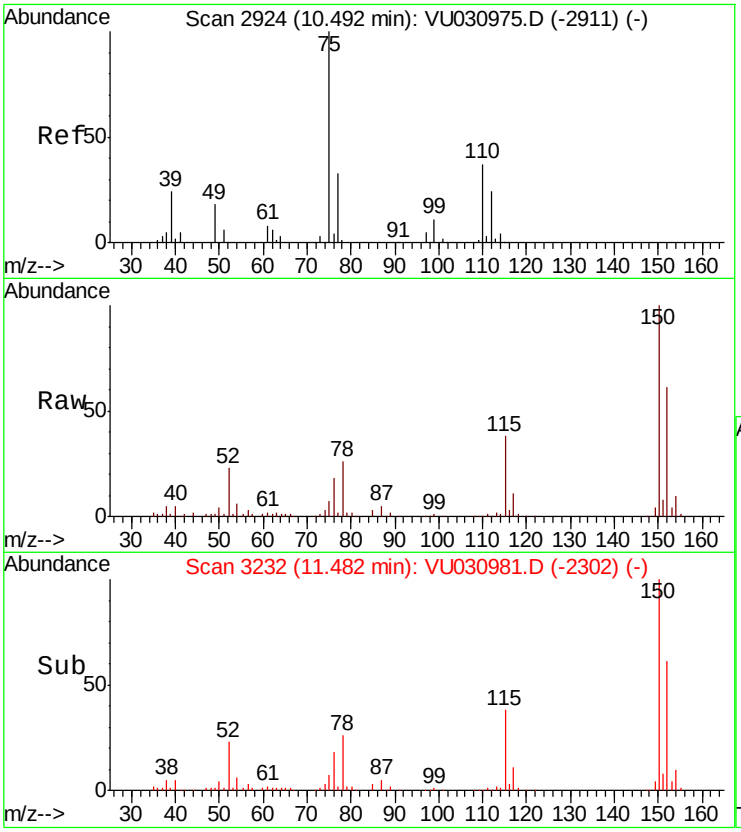




#48
2-Hexanone
Concen: 2.029 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030981.D
Acq: 10 Apr 2019 01:56

Tgt Ion: 43 Resp: 17835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 32.5 | 42.5 | 63.7# |
| 57 | 20.8 | 13.9 | 20.9 |
| 100 | 4.9 | 7.1 | 10.7# |






#59
1,2,3-Trichloropropane
Concen: 0.888 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030981.D
Acq: 10 Apr 2019 01:56

**Instrument :**
MSVOA_U
**ClientSampleId :**
BEZH8

Tgt Ion: 75 Resp: 10090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.2 | 25.6 | 38.4 |