Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092719\

Quantitation Report (Not Reviewed)

Data File : VU034873.D
Acq On : 27 Sep 2019 16:46
Operator : JC/SP
Sample : K5044-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VHBLK01

Quant Time: Sep 28 00:32:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 28 00:27:34 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.86 | 114 | 75085 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.07 | 117 | 71540 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.46 | 152 | 31624 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.39 | 65 | 31352 | 5.25 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 105.00% | | | |
| 7) Chloroethane-d5 | 1.67 | 69 | 27533 | 5.68 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 113.60% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.26 | 63 | 44977 | 4.26 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 85.20% | | | |
| 20) 2-Butanone-d5 | 4.17 | 46 | 90592 | 61.68 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 123.36% | | | |
| 24) Chloroform-d | 4.62 | 84 | 44593 | 4.89 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 97.80% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.29 | 65 | 26460 | 5.10 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 102.00% | | | |
| 32) Benzene-d6 | 5.32 | 84 | 96761 | 5.08 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 101.60% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.31 | 67 | 33270 | 5.18 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 103.60% | | | |
| 41) Toluene-d8 | 7.54 | 98 | 90431 | 5.03 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 100.60% | | | |
| 43) trans-1,3-Dichloropropene- | 7.83 | 79 | 10885 | 4.19 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 83.80% | | | |
| 46) 2-Hexanone-d5 | 8.30 | 63 | 64303 | 55.59 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 111.18% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41 | 84 | 25961 | 5.20 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 104.00% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.84 | 152 | 29831 | 5.47 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 109.40% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.33 | 43 | 1883 | 1.659 | ug/L | 77 |
| 16) Methylene chloride | 2.68 | 84 | 2090 | 0.424 | ug/L | 87 |
| 25) Chloroform | 4.65 | 83 | 2243 | 0.213 | ug/L | 96 |
| 35) Methylcyclohexane | 6.31 | 83 | 6851 | 0.880 | ug/L # | 16 |
| 37) 1,2-Dichloropropane | 6.31 | 63 | 3547 | 0.594 | ug/L # | 92 |
| 59) 1,2,3-Trichloropropane | 11.46 | 75 | 4610 | 1.182 | ug/L | 91 |

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

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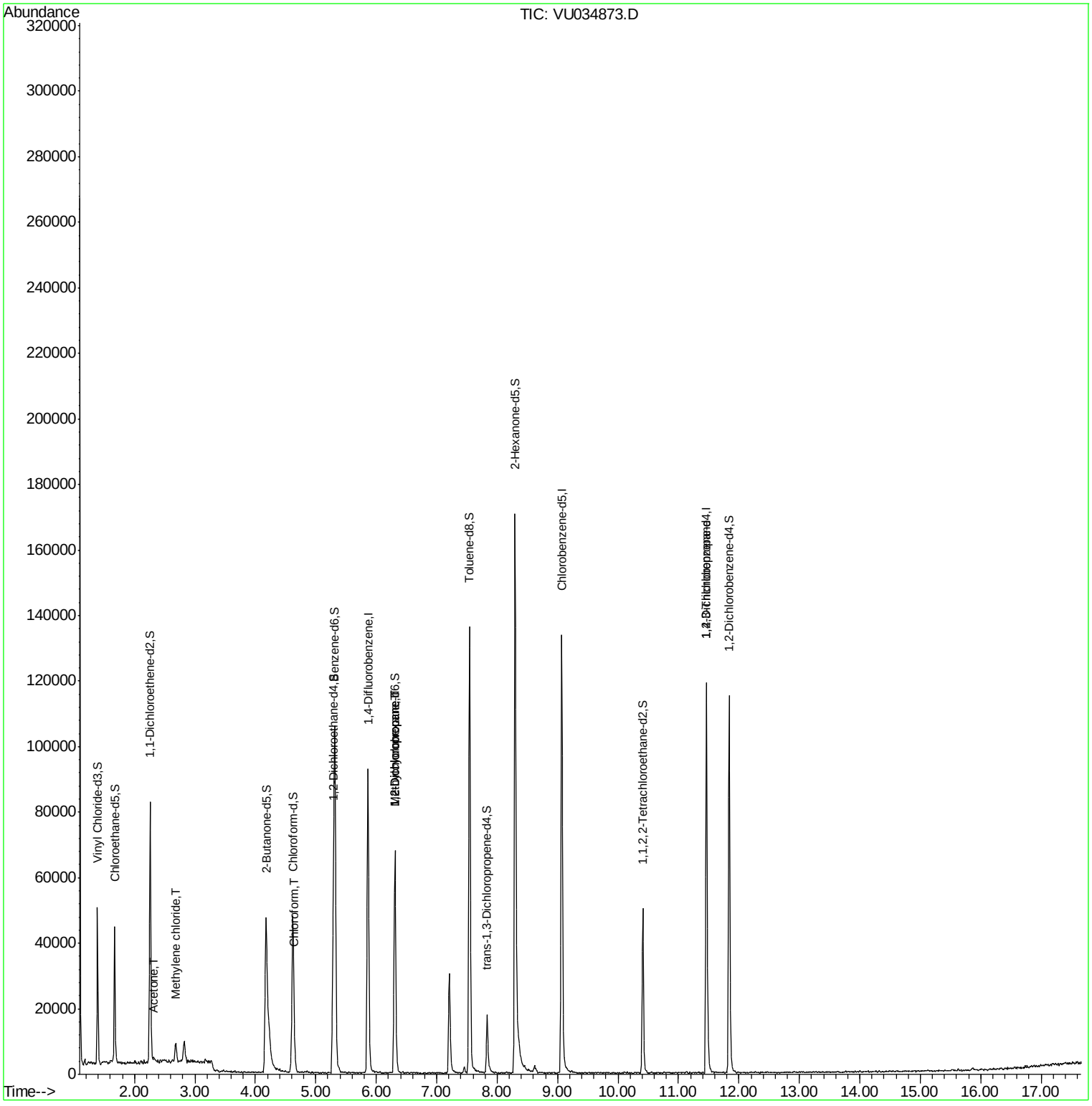
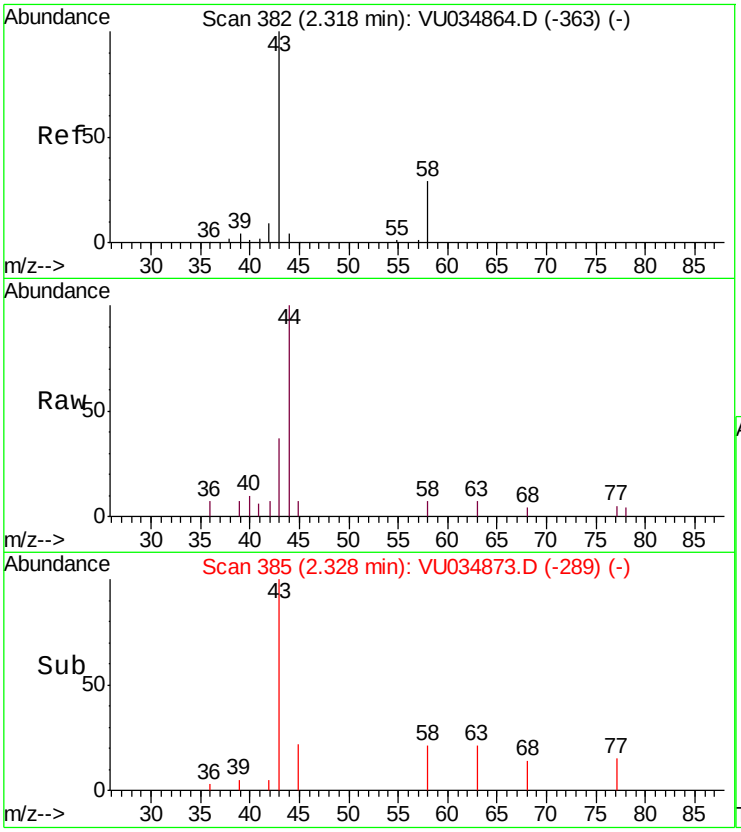
Operator : JC/SP
Sample : K5044-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VHBLK01

Quant Time: Sep 28 00:32:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 28 00:27:34 2019
Response via : Initial Calibration



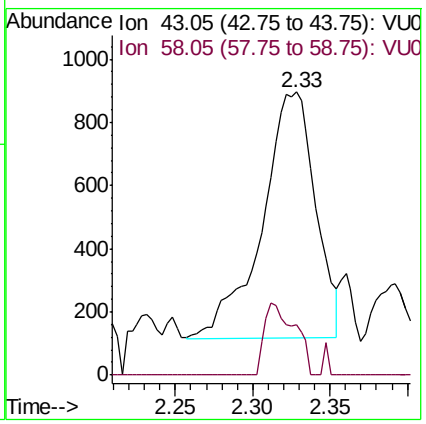


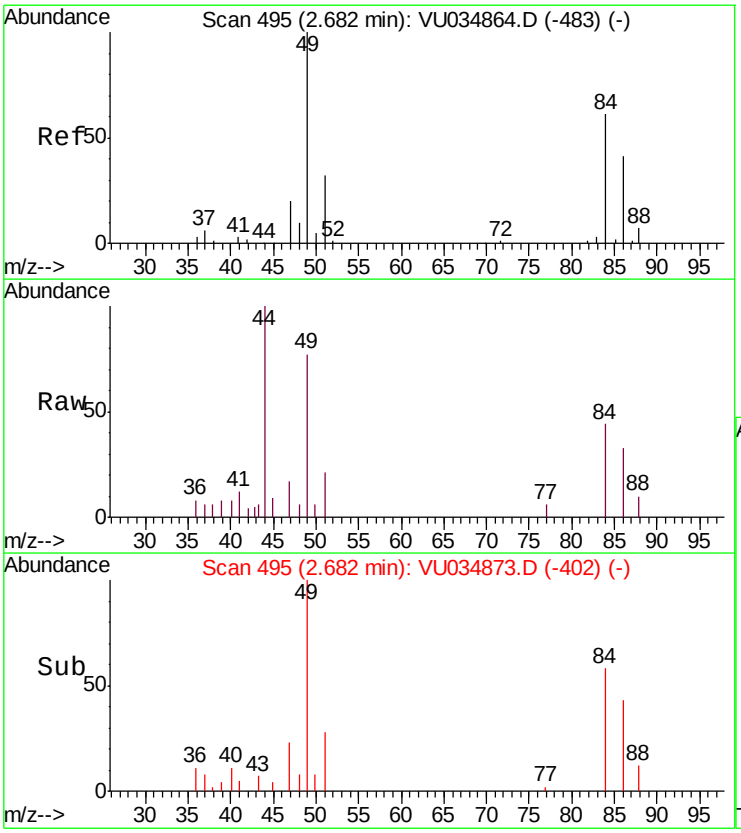

#13
Acetone
Concen: 1.659 ug/L
RT: 2.33 min Scan# 385
Delta R.T. 0.01 min
Lab File: VU034873.D
Acq: 27 Sep 2019 16:46

**Instrument :** MSVOA_U
**ClientSampleId :** VHBLK01

Tgt Ion: 43 Resp: 1883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 16.8 | 0.0 | 57.8 |

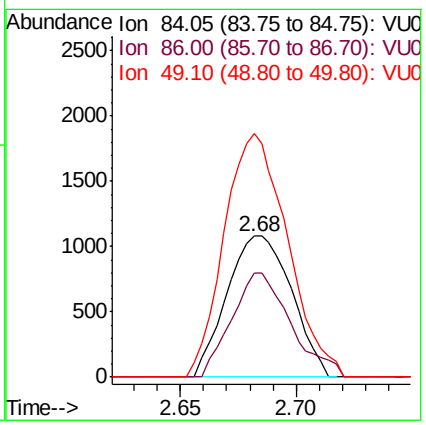


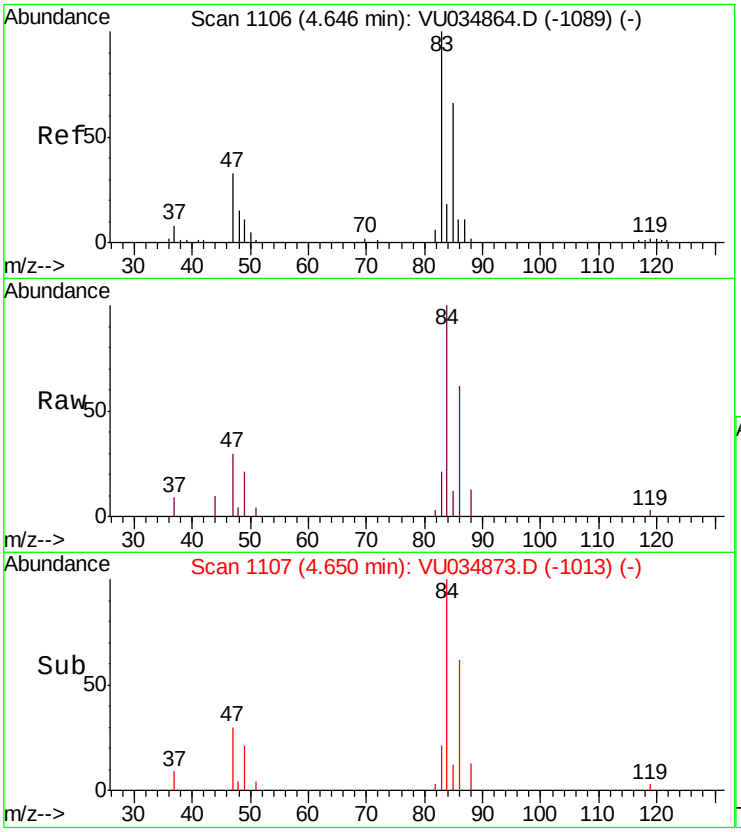




#16
Methylene chloride
Concen: 0.424 ug/L
RT: 2.68 min Scan# 495
Delta R.T. 0.00 min
Lab File: VU034873.D
Acq: 27 Sep 2019 16:46

Tgt Ion: 84 Resp: 2090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 74.2 | 43.0 | 80.0 |
| 49 | 172.8 | 110.9 | 205.9 |



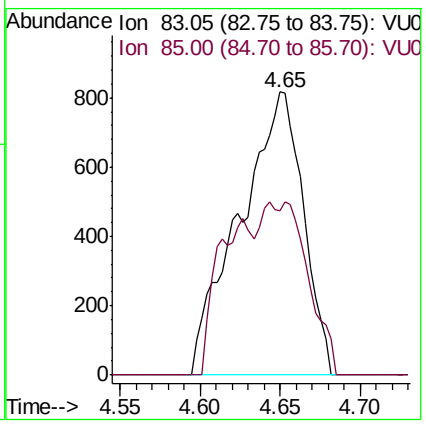


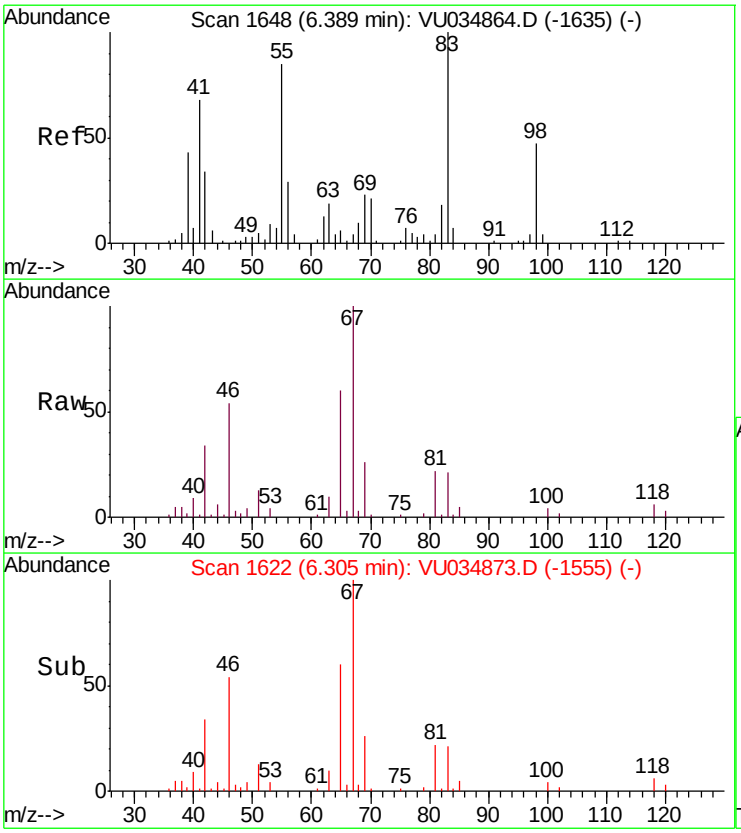

#25
Chloroform
Concen: 0.213 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU034873.D
Acq: 27 Sep 2019 16:46

**Instrument :**
MSVOA_U
**ClientSampleId :**
VHBLK01

Tgt Ion: 83 Resp: 2243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 58.1 | 42.8 | 79.4 |

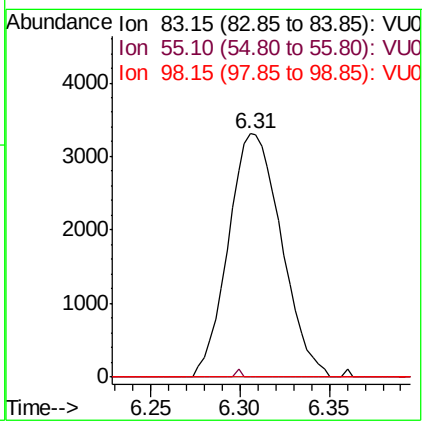


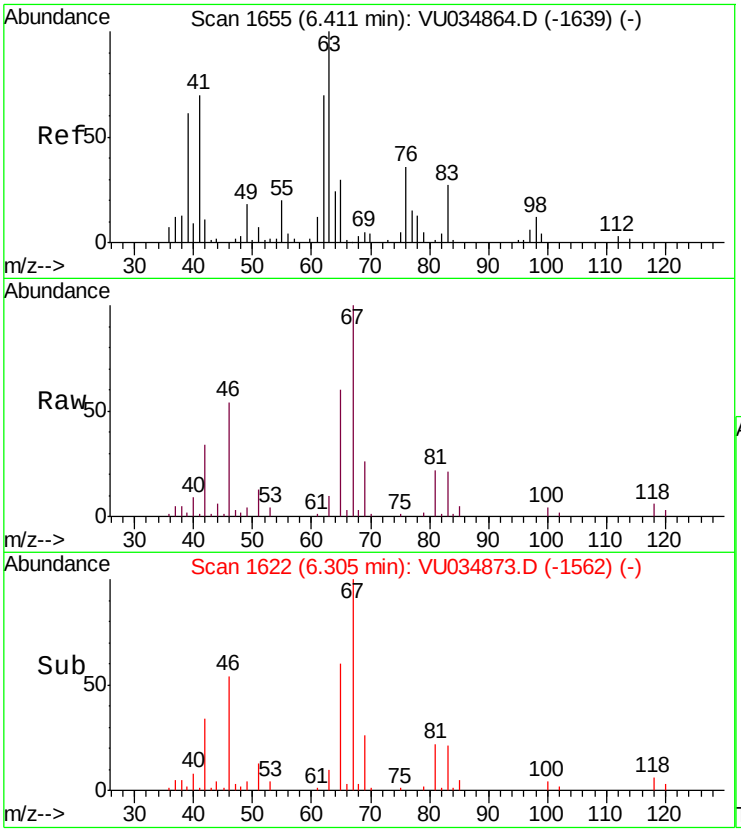




#35
Methylcyclohexane
Concen: 0.880 ug/L
RT: 6.31 min Scan# 1622
Delta R.T. -0.08 min
Lab File: VU034873.D
Acq: 27 Sep 2019 16:46

Tgt Ion: 83 Resp: 6851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.3 | 66.8 | 100.2# |
| 98 | 0.0 | 35.4 | 53.0# |



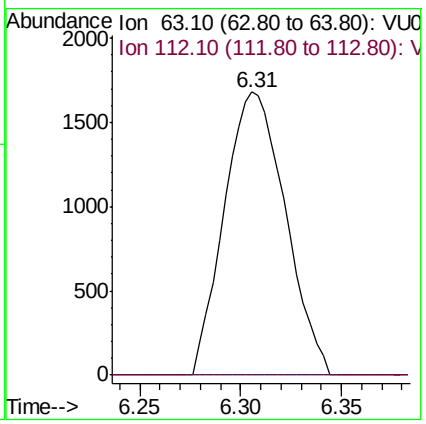


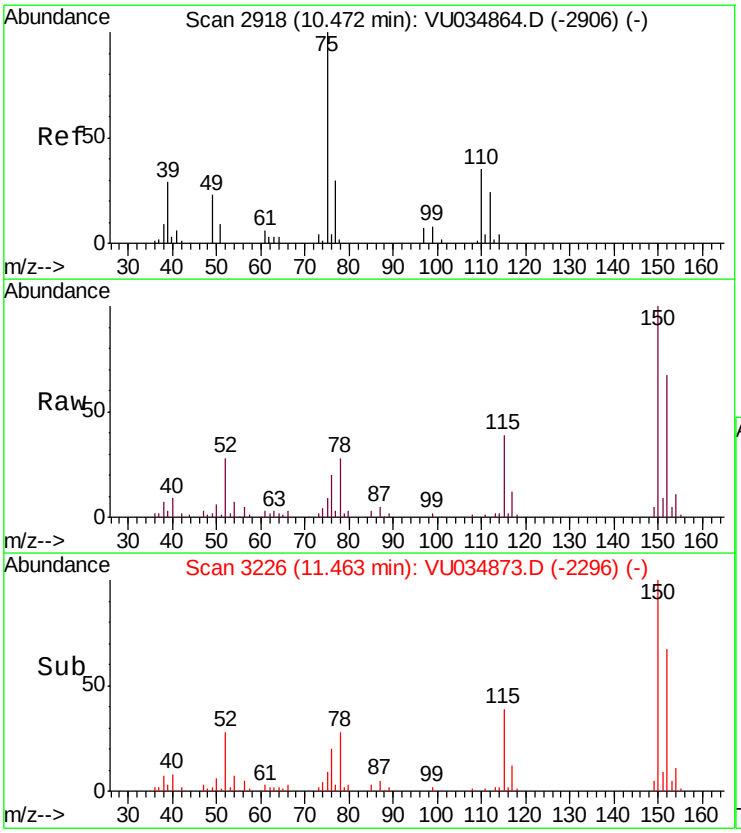

#37
1,2-Dichloropropane
Concen: 0.594 ug/L
RT: 6.31 min Scan# 1622
Delta R.T. -0.11 min
Lab File: VU034873.D
Acq: 27 Sep 2019 16:46

**Instrument :**
MSVOA_U
**ClientSampleId :**
VHBLK01

Tgt Ion: 63 Resp: 3547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 2.2 | 3.2# |




#59
1,2,3-Trichloropropane
Concen: 1.182 ug/L
RT: 11.46 min Scan# 3226
Delta R.T. 0.99 min
Lab File: VU034873.D
Acq: 27 Sep 2019 16:46

Tgt Ion: 75 Resp: 4610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 37.5 | 26.0 | 39.0 |