Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121619\

Quantitation Report (QT/LSC Reviewed)

Data File : VU036237.D
Acq On : 16 Dec 2019 16:30
Operator : JC/MD
Sample : K6273-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Dec 17 03:17:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 17 01:19:57 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.29 | 114 | 223742 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.45 | 117 | 251207 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152 | 79920 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.61 | 65 | 86895 | 4.41 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 88.20% | | | |
| 7) Chloroethane-d5 | 1.93 | 69 | 85928 | 4.87 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 97.40% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.59 | 63 | 93673 | 3.30 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 66.00% | | | |
| 20) 2-Butanone-d5 | 4.68 | 46 | 216703 | 58.71 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 117.42% | | | |
| 24) Chloroform-d | 5.11 | 84 | 157357 | 4.97 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 99.40% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.75 | 65 | 89258 | 5.37 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 107.40% | | | |
| 32) Benzene-d6 | 5.77 | 84 | 286356 | 4.54 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 90.80% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.73 | 67 | 95193 | 4.79 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 95.80% | | | |
| 41) Toluene-d8 | 7.93 | 98 | 236815 | 3.99 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 79.80% | | | |
| 43) trans-1,3-Dichloropropene- | 8.21 | 79 | 37690 | 4.60 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 92.00% | | | |
| 46) 2-Hexanone-d5 | 8.69 | 63 | 165232 | 52.79 | ug/L | 0.01 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 105.58% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.79 | 84 | 96517 | 5.31 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 106.20% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.22 | 152 | 79790 | 5.21 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 104.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.66 | 43 | 7575 | 2.355 | ug/L | 94 |
| 16) Methylene chloride | 3.08 | 84 | 15885 | 0.651 | ug/L | 97 |

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

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VHBLK01

Quant Time: Dec 17 03:17:51 2019
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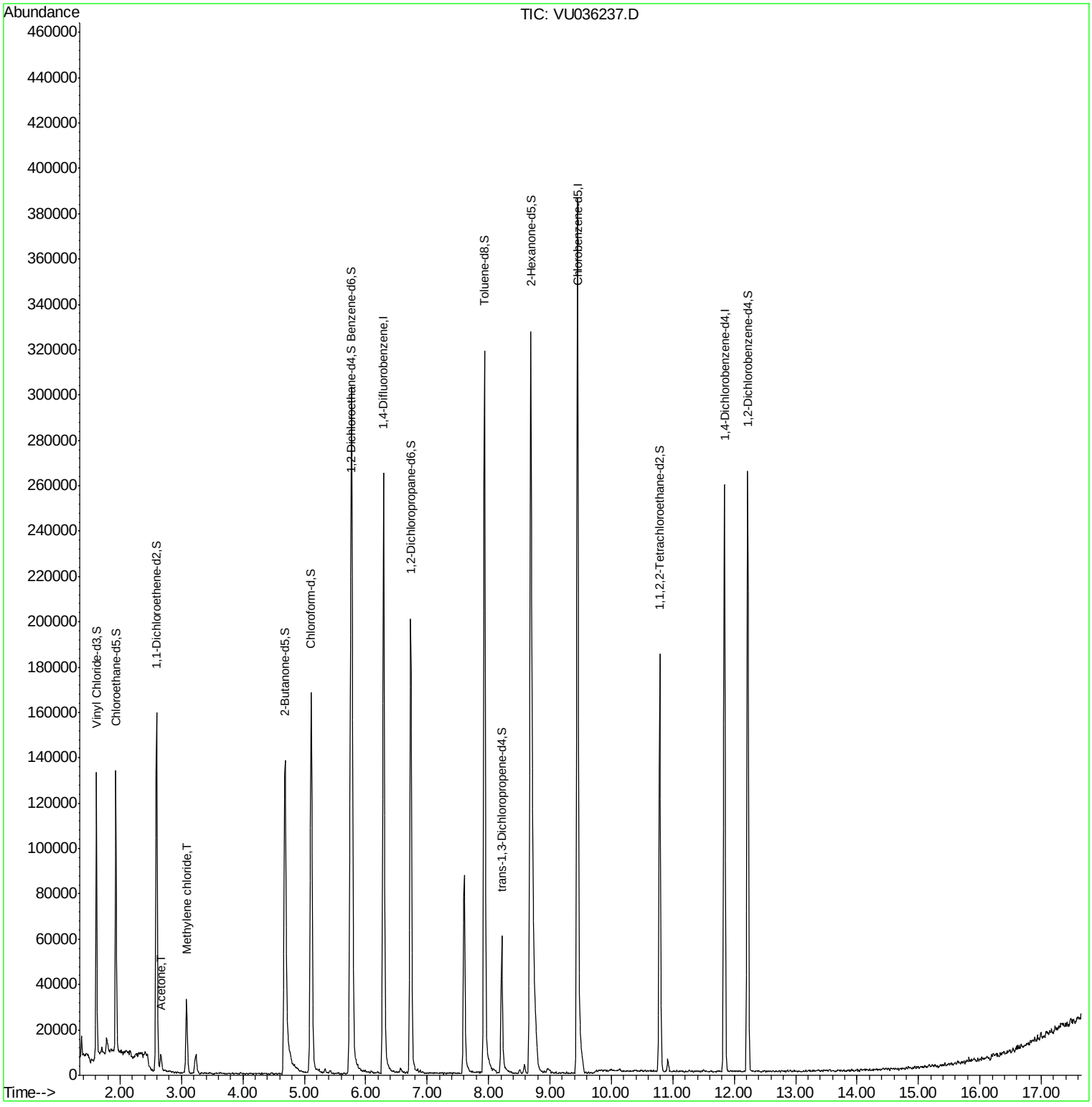
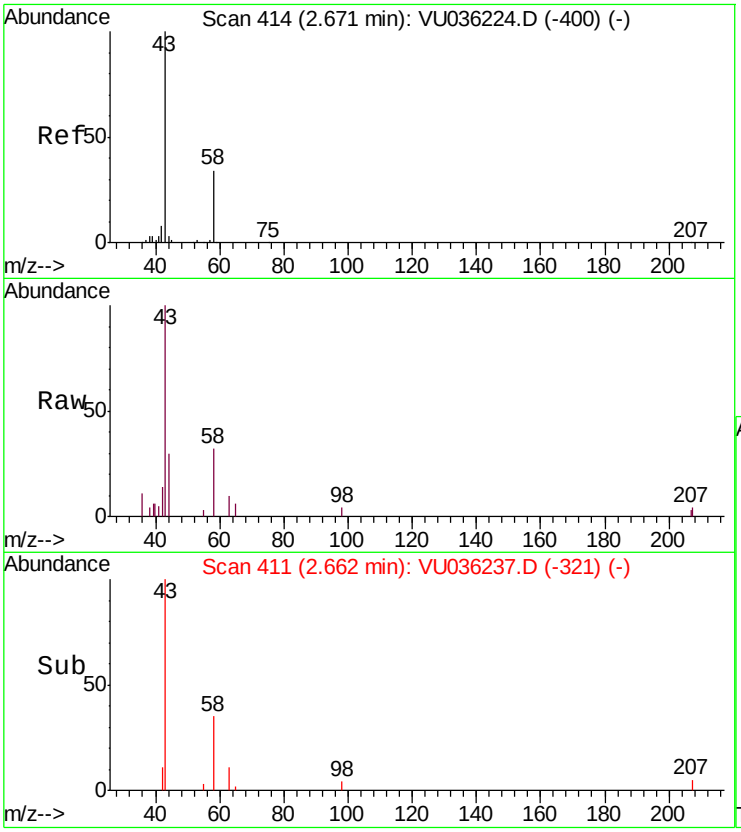
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 17 01:19:57 2019
Response via : Initial Calibration



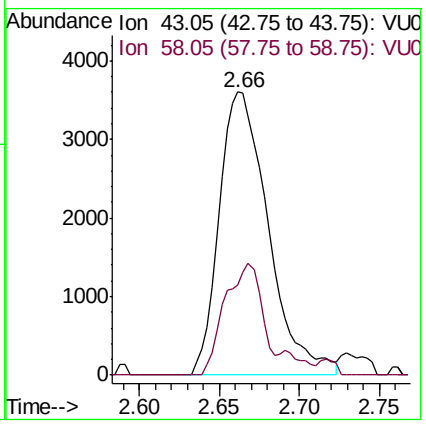


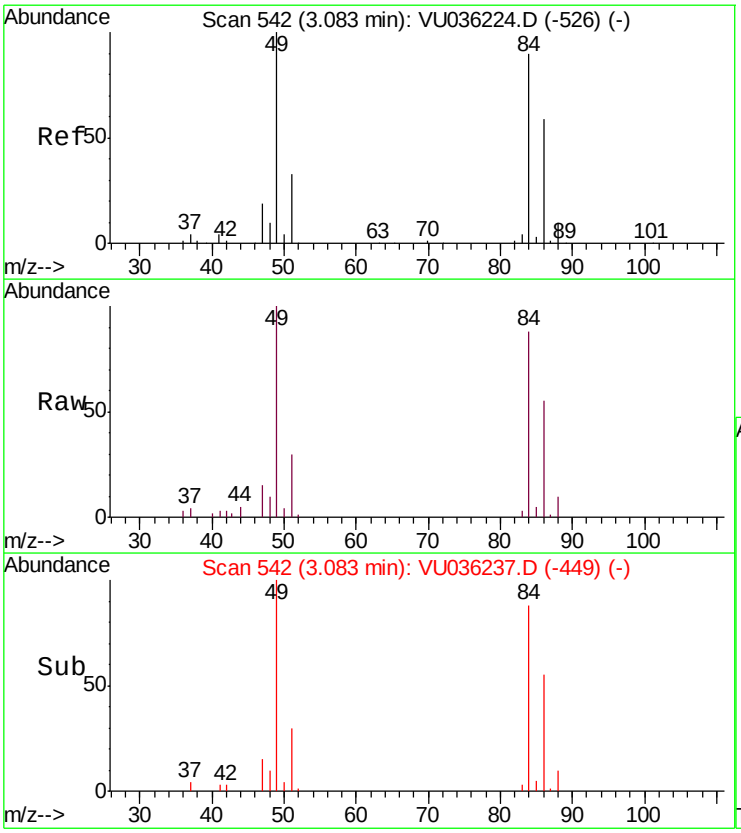

#13
Acetone
Concen: 2.355 ug/L
RT: 2.66 min Scan# 411
Delta R.T. -0.01 min
Lab File: VU036237.D
Acq: 16 Dec 2019 16:30

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

Tgt Ion: 43 Resp: 7575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.3 | 0.0 | 67.6 |




#16
Methylene chloride
Concen: 0.651 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036237.D
Acq: 16 Dec 2019 16:30

Tgt Ion: 84 Resp: 15885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 62.7 | 43.0 | 79.8 |
| 49 | 114.0 | 77.3 | 143.5 |