Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071520\
Data File : VU039500.D
Acq On : 15 Jul 2020 15:34
Operator : SY/MD
Sample : L3292-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BFT89

Quant Time: Jul 16 07:44:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 16 04:09:55 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.27 | 114 | 90086 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.42 | 117 | 85466 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152 | 40563 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.61 | 65 | 20820 | 3.99 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 79.80% | | | |
| 7) Chloroethane-d5 | 1.93 | 69 | 26628 | 4.99 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 99.80% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.58 | 63 | 35661 | 3.47 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 69.40% | | | |
| 20) 2-Butanone-d5 | 4.65 | 46 | 104827 | 43.88 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 87.76% | | | |
| 24) Chloroform-d | 5.09 | 84 | 49551 | 4.46 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 89.20% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.72 | 65 | 31921 | 4.57 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 91.40% | | | |
| 32) Benzene-d6 | 5.74 | 84 | 98351 | 4.78 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 95.60% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.71 | 67 | 33277 | 4.60 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 92.00% | | | |
| 41) Toluene-d8 | 7.91 | 98 | 85978 | 4.82 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 96.40% | | | |
| 43) trans-1,3-Dichloropropene- | 8.19 | 79 | 13011 | 4.08 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 81.60% | | | |
| 46) 2-Hexanone-d5 | 8.64 | 63 | 75145 | 39.68 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 79.36% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76 | 84 | 31471 | 4.39 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 87.80% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.19 | 152 | 33175 | 4.58 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 91.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.53 | 50 | 919 | 0.139 | ug/L | 100 |
| 13) Acetone | 2.66 | 43 | 2749 | 2.132 | ug/L | 95 |
| 25) Chloroform | 5.11 | 83 | 3816 | 0.326 | ug/L | 86 |
| 47) Tetrachloroethene | 8.56 | 164 | 1031 | 0.224 | ug/L | 86 |

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

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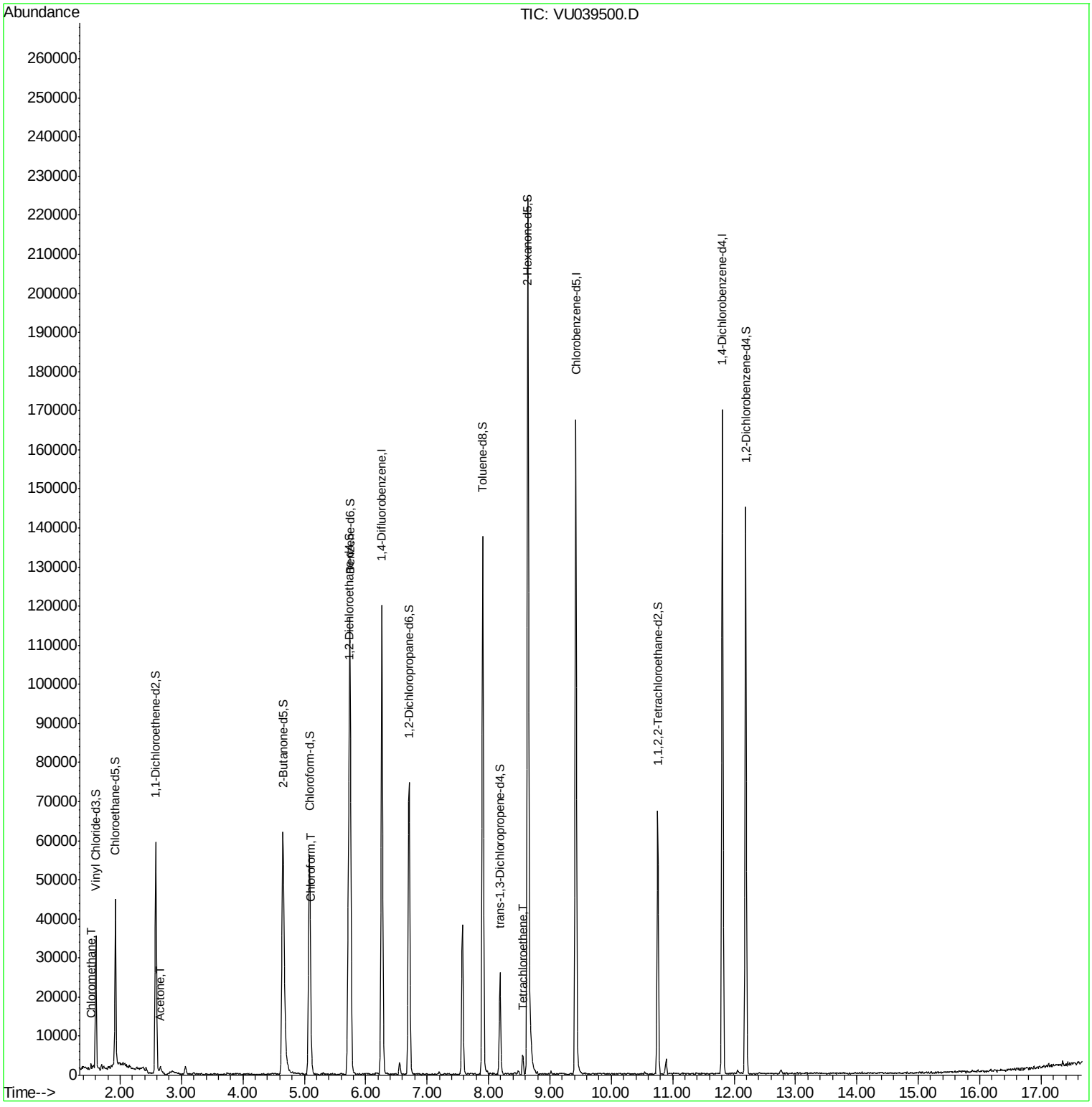
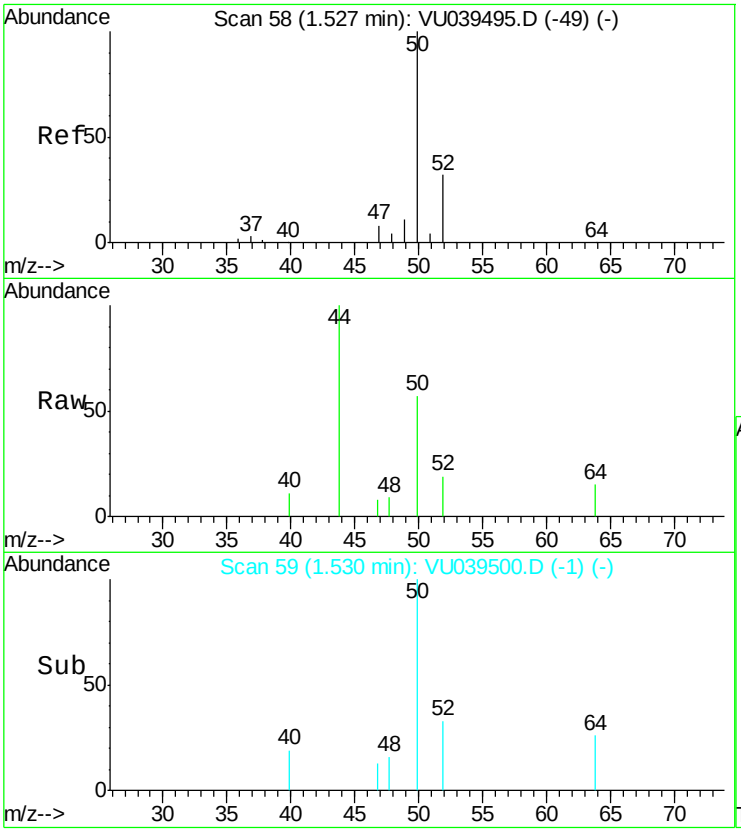


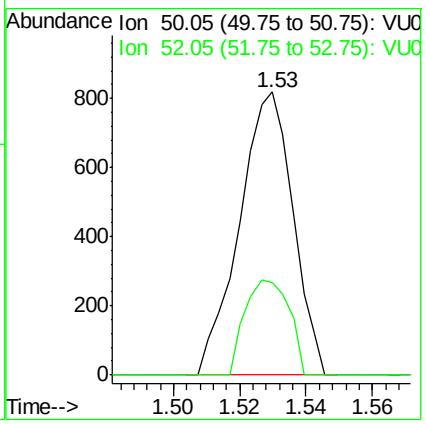


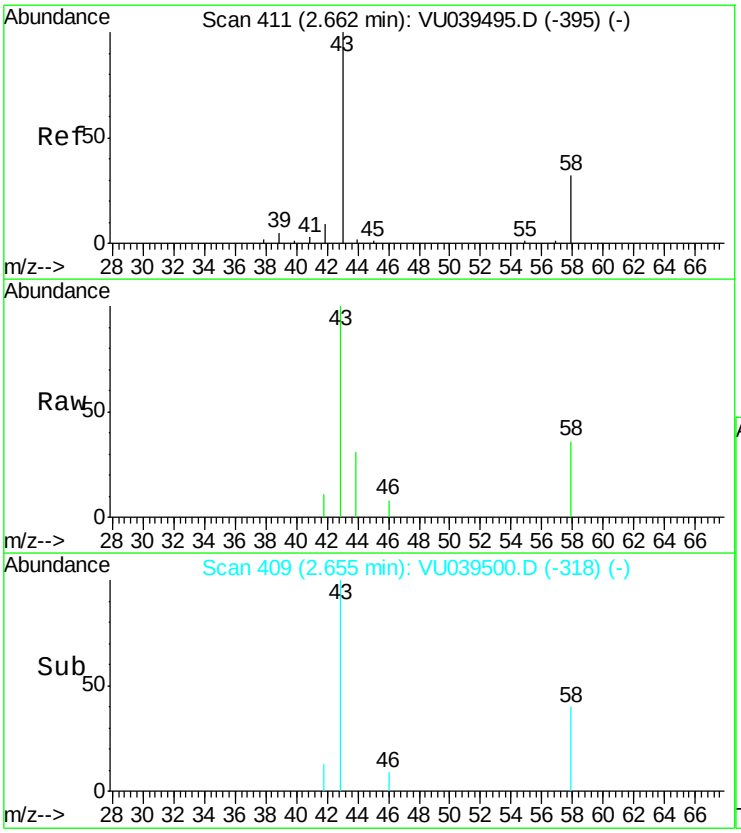

#3
Chloromethane
Concen: 0.139 ug/L
RT: 1.53 min Scan# 59
Delta R.T. 0.00 min
Lab File: VU039500.D
Acq: 15 Jul 2020 15:34

**Instrument :**
MSVOA_U
**ClientSampleId :**
BFT89

Tgt Ion: 50 Resp: 919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.8 | 23.0 | 42.8 |

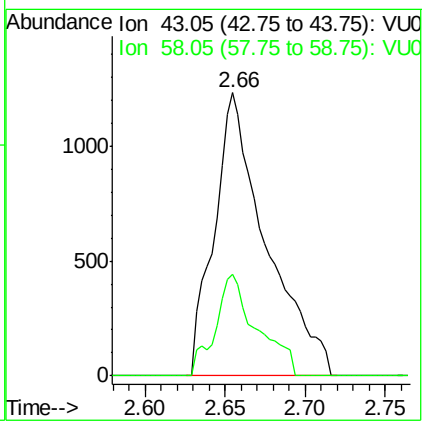


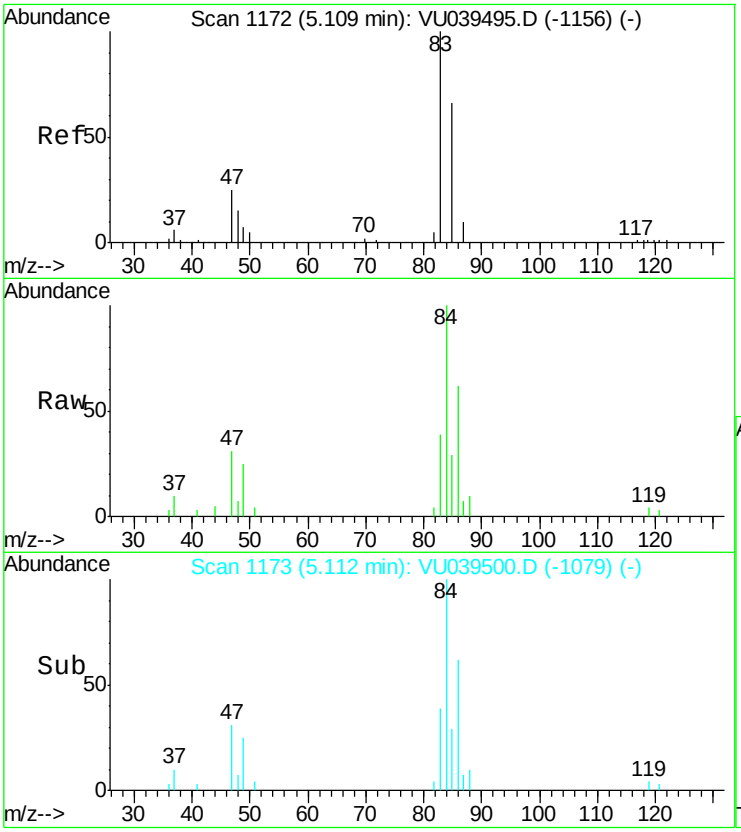




#13
Acetone
Concen: 2.132 ug/L
RT: 2.66 min Scan# 409
Delta R.T. -0.01 min
Lab File: VU039500.D
Acq: 15 Jul 2020 15:34

Tgt Ion: 43 Resp: 2749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.8 | 0.0 | 62.8 |



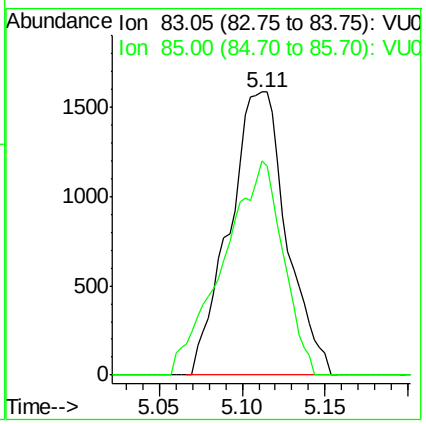


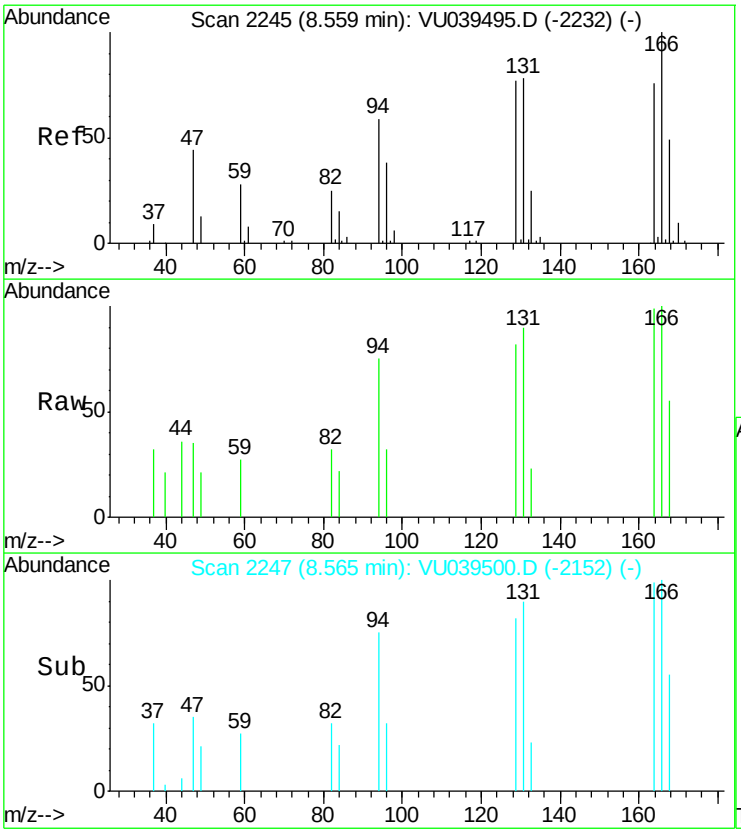

#25
Chloroform
Concen: 0.326 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU039500.D
Acq: 15 Jul 2020 15:34

**Instrument :** MSVOA_U
**ClientSampleId :** BFT89

Tgt Ion: 83 Resp: 3816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 75.5 | 44.9 | 83.5 |




#47
Tetrachloroethene
Concen: 0.224 ug/L
RT: 8.56 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VU039500.D
Acq: 15 Jul 2020 15:34

Tgt Ion:164 Resp: 1031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 82.6 | 68.6 | 127.4 |
| 131 | 91.0 | 66.4 | 123.4 |
| 166 | 100.9 | 85.9 | 159.5 |