Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101719\
Data File : VU035230.D
Acq On : 17 Oct 2019 23:01
Operator : JC/SP
Sample : K5318-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0CH4

Quant Time: Oct 18 05:29:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 18 03:45:16 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.29 | 114 | 360522 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.45 | 117 | 343805 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152 | 145346 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.61 | 65 | 111107 | 5.05 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 101.00% | | | |
| 7) Chloroethane-d5 | 1.93 | 69 | 98619 | 4.91 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 98.20% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.59 | 63 | 155589 | 3.83 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 76.60% | | | |
| 20) 2-Butanone-d5 | 4.71 | 46 | 298247 | 47.21 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 94.42% | | | |
| 24) Chloroform-d | 5.11 | 84 | 203452 | 5.07 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 101.40% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.75 | 65 | 115213 | 5.18 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 103.60% | | | |
| 32) Benzene-d6 | 5.77 | 84 | 420906 | 5.35 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 107.00% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.74 | 67 | 134298 | 5.38 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 107.60% | | | |
| 41) Toluene-d8 | 7.93 | 98 | 396809 | 5.28 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 105.60% | | | |
| 43) trans-1,3-Dichloropropene- | 8.22 | 79 | 58025 | 4.79 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 95.80% | | | |
| 46) 2-Hexanone-d5 | 8.69 | 63 | 254286 | 47.59 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 95.18% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.79 | 84 | 107618 | 4.84 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 96.80% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.22 | 152 | 136541 | 5.16 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 103.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.68 | 43 | 10302 | 2.344 | ug/L | 96 |
| 38) Bromodichloromethane | 7.14 | 83 | 3673 | 0.106 | ug/L | 98 |
| 47) Tetrachloroethene | 8.59 | 164 | 5173706 | 228.348 | ug/L | 99 |

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

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C0CH4

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Quant Title : TRACE VOA SOM01.0
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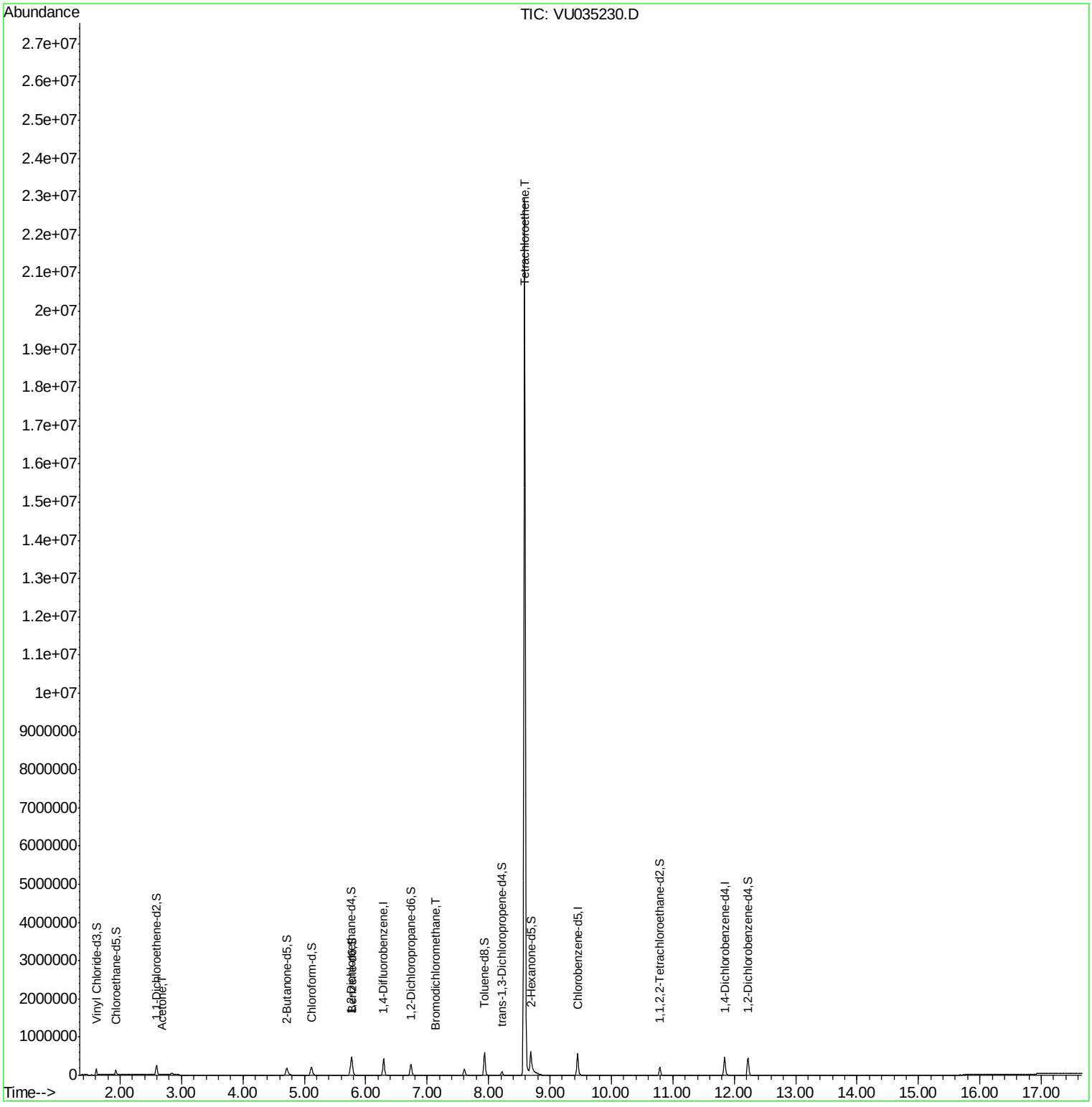
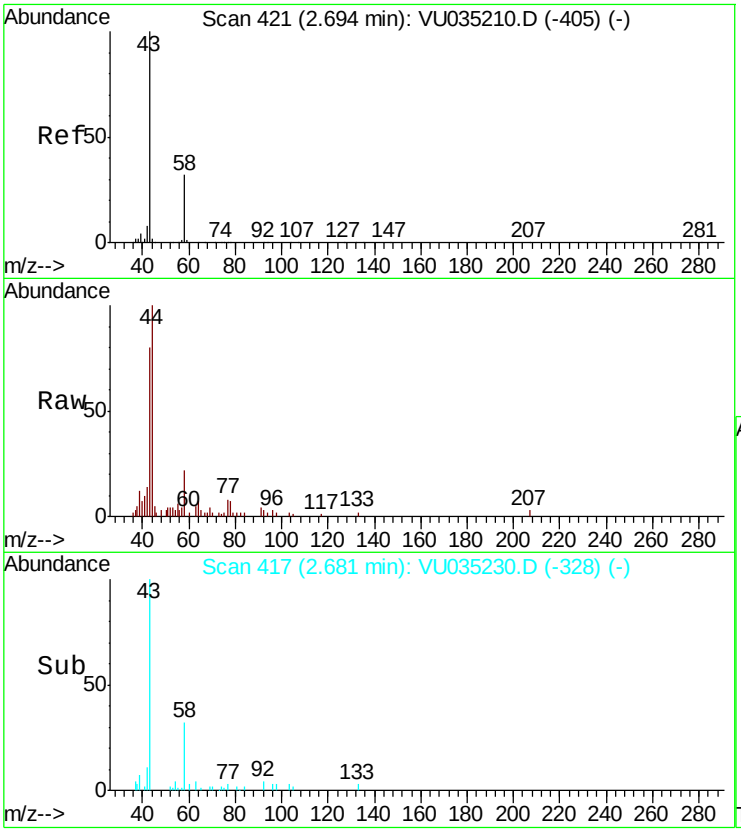


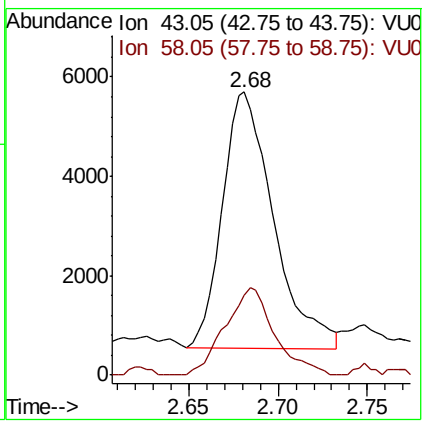


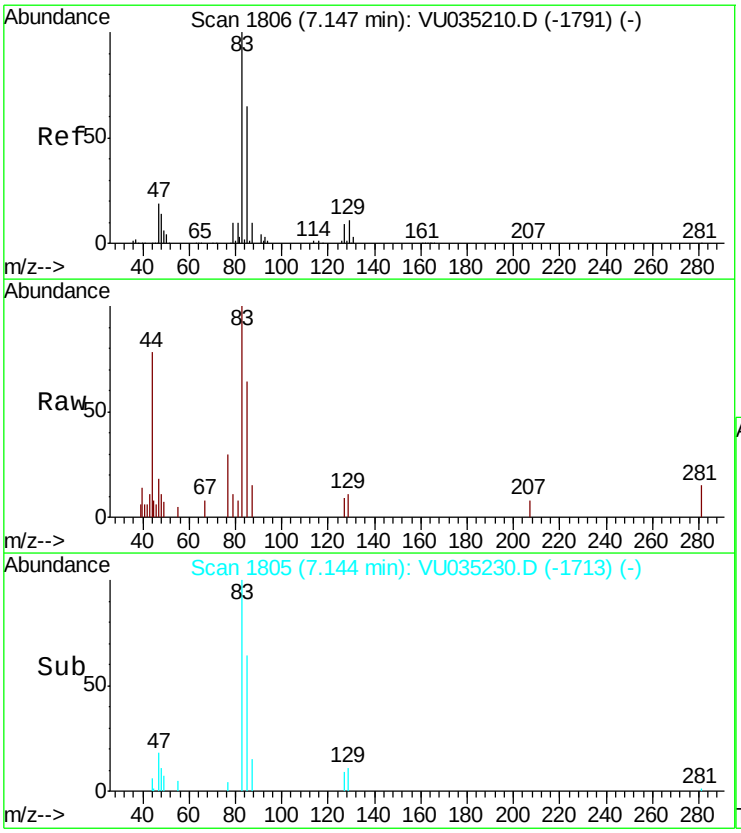

#13
Acetone
Concen: 2.344 ug/L
RT: 2.68 min Scan# 417
Delta R.T. -0.01 min
Lab File: VU035230.D
Acq: 17 Oct 2019 23:01

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0CH4

Tgt Ion: 43 Resp: 10302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.0 | 0.0 | 61.8 |

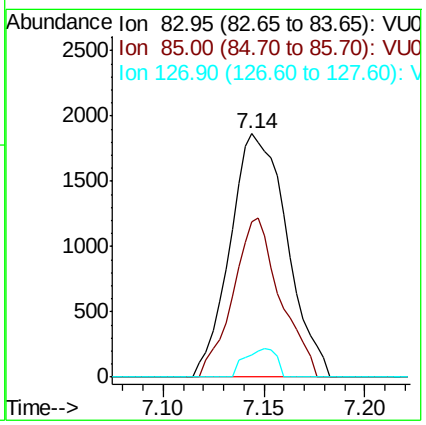


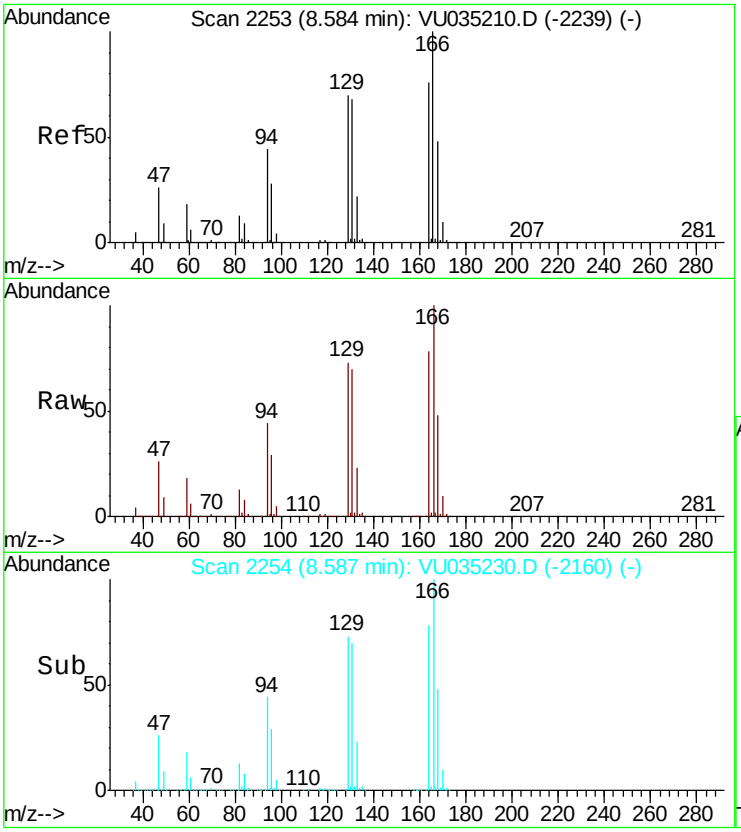




#38
Bromodichloromethane
Concen: 0.106 ug/L
RT: 7.14 min Scan# 1805
Delta R.T. -0.00 min
Lab File: VU035230.D
Acq: 17 Oct 2019 23:01

Tgt Ion: 83 Resp: 3673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.7 | 45.6 | 84.8 |
| 127 | 8.9 | 6.9 | 10.3 |

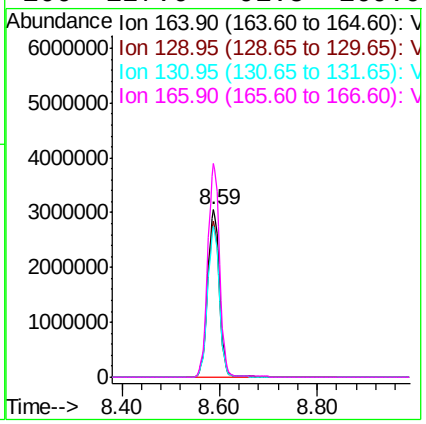





#47
Tetrachloroethene
Concen: 228.348 ug/L
RT: 8.59 min Scan# 2254
Delta R.T. 0.00 min
Lab File: VU035230.D
Acq: 17 Oct 2019 23:01

Tgt Ion:164 Resp: 5173706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 93.4 | 65.2 | 121.0 |
| 131 | 90.0 | 62.9 | 116.9 |
| 166 | 127.6 | 91.5 | 169.9 |




**Instrument :**
MSVOA_U
**ClientSampleId :**
C0CH4