Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042920\
Data File : VV015787.D
Acq On : 29 Apr 2020 13:06
Operator : SY/MD
Sample : L2419-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** C0AF3

Quant Time: Apr 30 05:11:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 30 01:35:08 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.64 | 114 | 137448 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.87 | 117 | 133486 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152 | 62341 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.31 | 65 | 38410 | 5.35 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 107.00% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 34841 | 5.03 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 100.60% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.12 | 63 | 56853 | 3.62 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 72.40% | | | |
| 20) 2-Butanone-d5 | 3.91 | 46 | 89096 | 38.63 | ug/L | -0.04 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 77.26% | | | |
| 24) Chloroform-d | 4.38 | 84 | 69575 | 4.16 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 83.20% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.06 | 65 | 40876 | 4.36 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 87.20% | | | |
| 32) Benzene-d6 | 5.08 | 84 | 140637 | 4.41 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 88.20% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.10 | 67 | 43230 | 4.25 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 85.00% | | | |
| 41) Toluene-d8 | 7.34 | 98 | 125916 | 4.16 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 83.20% | | | |
| 43) trans-1,3-Dichloropropene- | 7.65 | 79 | 14265 | 3.62 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 72.40% | | | |
| 46) 2-Hexanone-d5 | 8.11 | 63 | 59561 | 31.02 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 62.04% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24 | 84 | 27371 | 3.61 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 72.20% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.65 | 152 | 45390 | 4.28 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 85.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.18 | 43 | 8548 | 5.337 | ug/L | 98 |
| 14) Carbon disulfide | 2.31 | 76 | 6469 | 0.286 | ug/L | 98 |
| 47) Tetrachloroethene | 8.00 | 164 | 927 | 0.122 | ug/L # | 79 |

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

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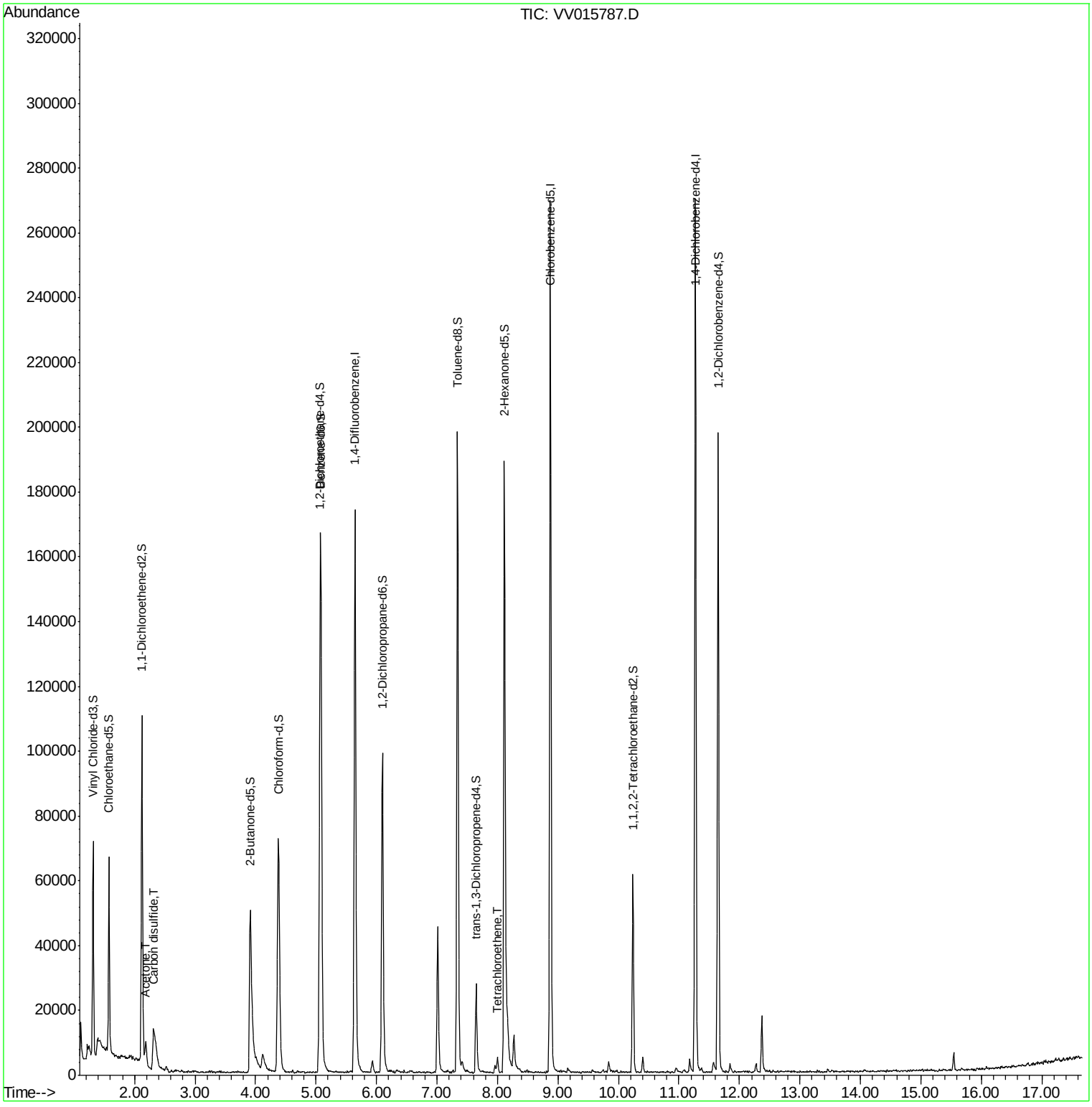
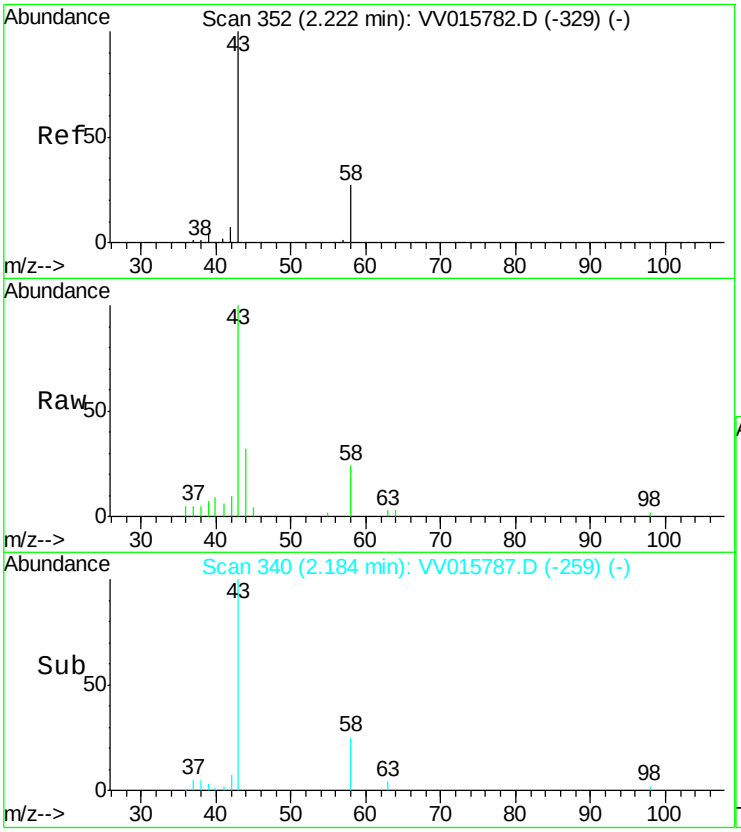


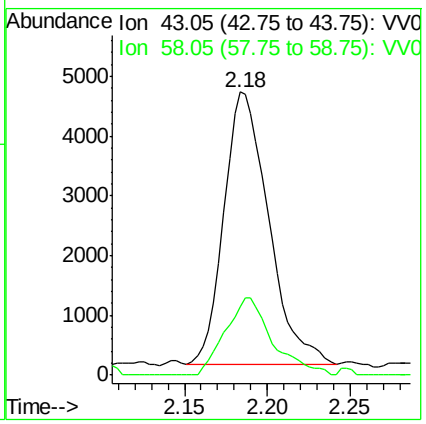


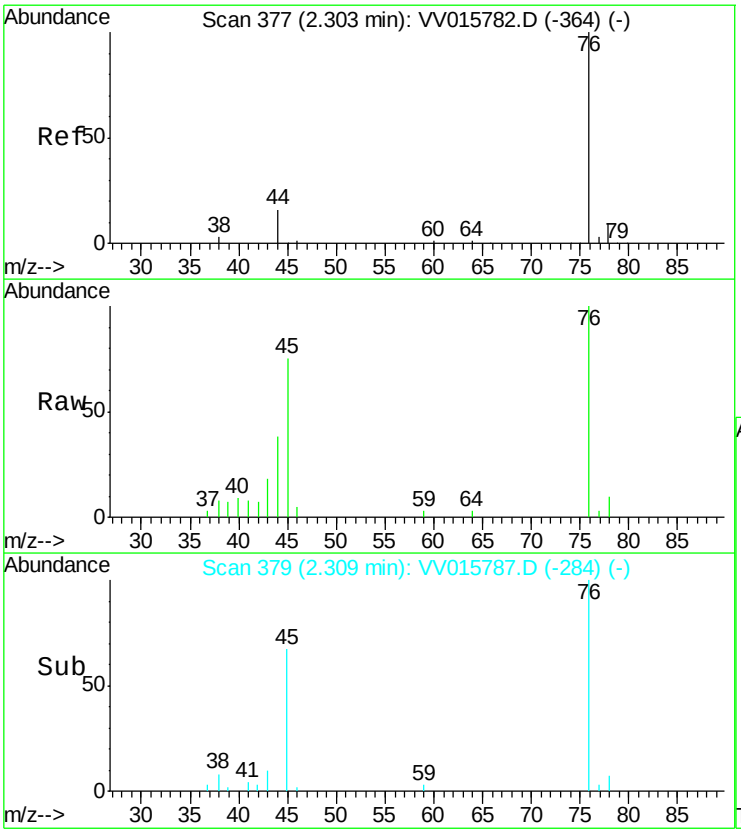

#13
Acetone
Concen: 5.337 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.04 min
Lab File: VV015787.D
Acq: 29 Apr 2020 13:06

**Instrument :** MSVOA_V
**ClientSampleId :** C0AF3

Tgt Ion: 43 Resp: 8548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.9 | 0.0 | 57.6 |

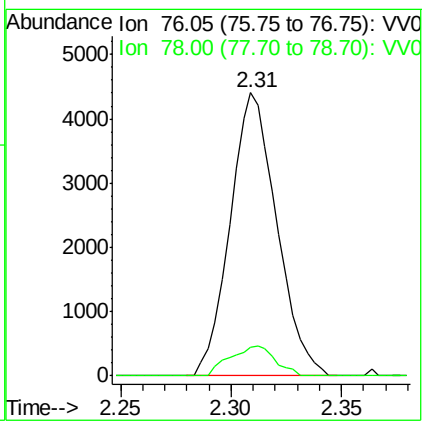


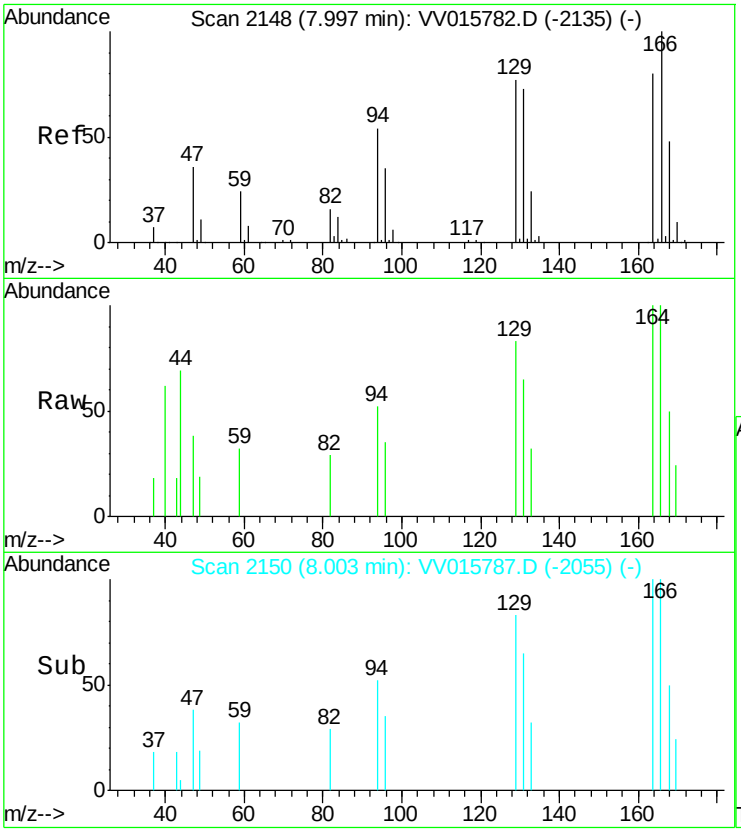




#14
Carbon disulfide
Concen: 0.286 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.01 min
Lab File: VV015787.D
Acq: 29 Apr 2020 13:06

Tgt Ion: 76 Resp: 6469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 10.0 | 7.4 | 11.0 |






#47
Tetrachloroethene
Concen: 0.122 ug/L
RT: 8.00 min Scan# 2150
Delta R.T. 0.01 min
Lab File: VV015787.D
Acq: 29 Apr 2020 13:06

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AF3

Tgt Ion:164 Resp: 927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 83.0 | 66.7 | 123.9 |
| 131 | 64.6 | 66.6 | 123.6# |
| 166 | 99.7 | 85.3 | 158.5 |