Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052720\
Data File : VV016258.D
Acq On : 28 May 2020 03:48
Operator : SY/MD
Sample : L2766-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BE4Z4

Quant Time: May 28 08:37:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 28 06:30:54 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.64 | 114 | 93646 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.87 | 117 | 89935 | 5.00 | ug/L | 0.00 |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152 | 40684 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 25430 | 4.23 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 84.60% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 24297 | 4.60 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 92.00% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.13 | 63 | 38857 | 3.44 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 68.80% | | | |
| 20) 2-Butanone-d5 | 3.94 | 46 | 73577 | 49.32 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 98.64% | | | |
| 24) Chloroform-d | 4.38 | 84 | 55622 | 4.64 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 92.80% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.06 | 65 | 30489 | 4.81 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 96.20% | | | |
| 32) Benzene-d6 | 5.08 | 84 | 107406 | 4.82 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 96.40% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.10 | 67 | 33921 | 4.92 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 98.40% | | | |
| 41) Toluene-d8 | 7.34 | 98 | 98522 | 4.64 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 92.80% | | | |
| 45) trans-1,3-Dichloropropene- | 7.65 | 79 | 10519 | 4.09 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 81.80% | | | |
| 48) 2-Hexanone-d5 | 8.12 | 63 | 53412 | 45.33 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 90.66% | | | |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24 | 84 | 22896 | 4.49 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 89.80% | | | |
| 65) 1,2-Dichlorobenzene-d4 | 11.65 | 152 | 34322 | 5.05 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 101.00% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.21 | 43 | 3213 | 3.479 | ug/L | 66 |
| 33) Benzene | 5.14 | 78 | 2705 | 0.105 | ug/L | 100 |
| 42) Toluene | 7.41 | 91 | 6255 | 0.222 | ug/L | 96 |
| 55) m,p-xylene | 9.16 | 106 | 1473 | 0.125 | ug/L | 89 |

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

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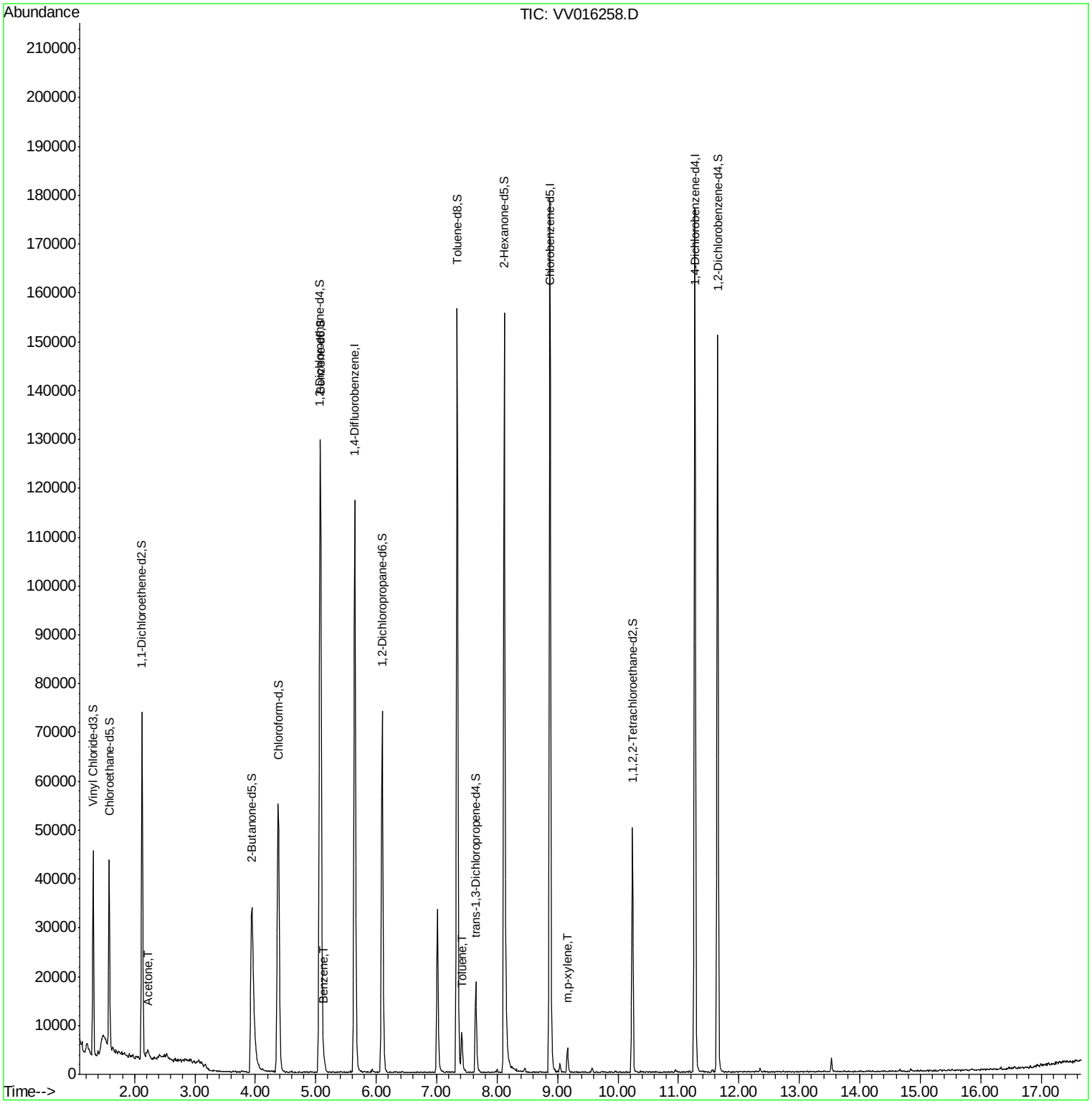
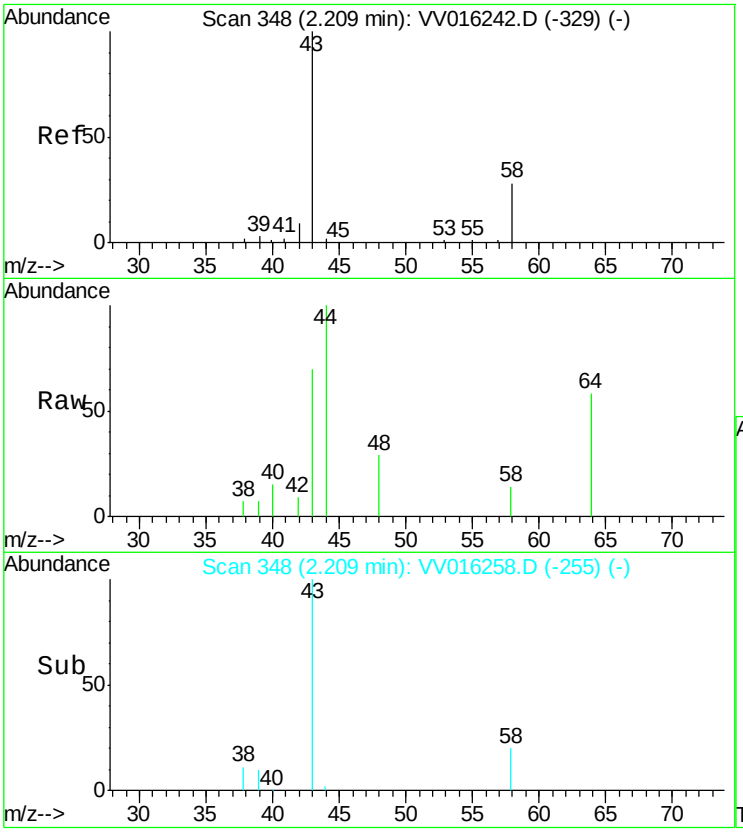


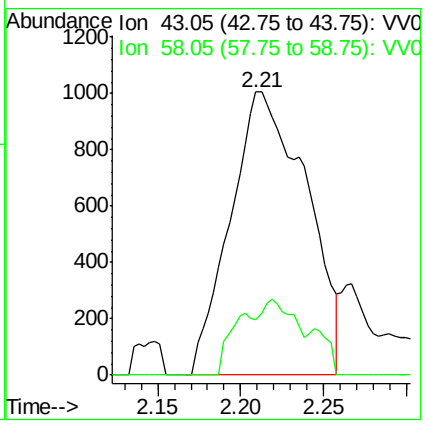


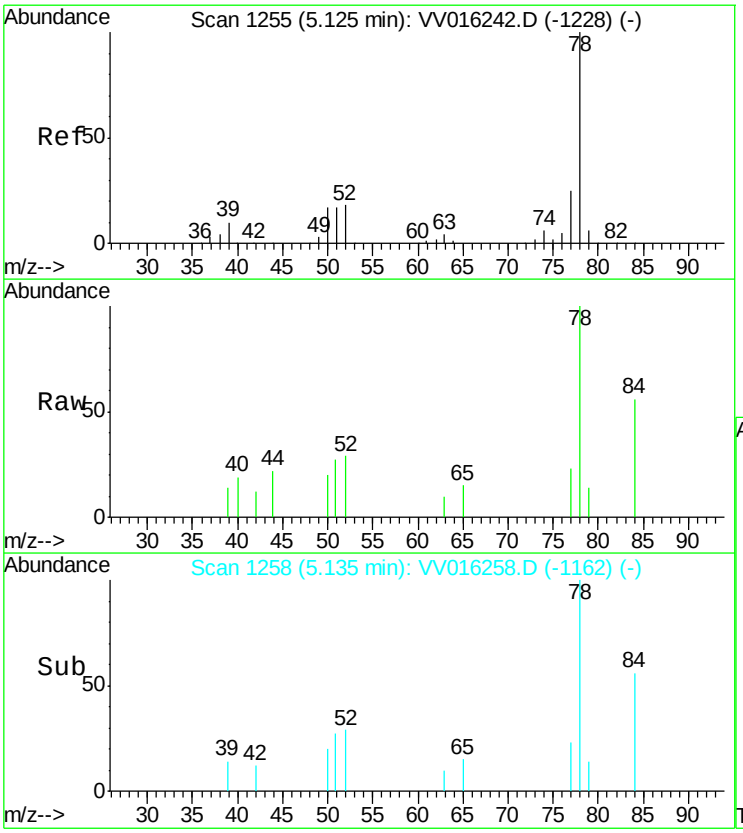

#13
Acetone
Concen: 3.479 ug/L
RT: 2.21 min Scan# 348
Delta R.T. 0.00 min
Lab File: VV016258.D
Acq: 28 May 2020 03:48

**Instrument :**
MSVOA_V
**ClientSampleId :**
BE4Z4

Tgt Ion: 43 Resp: 3213

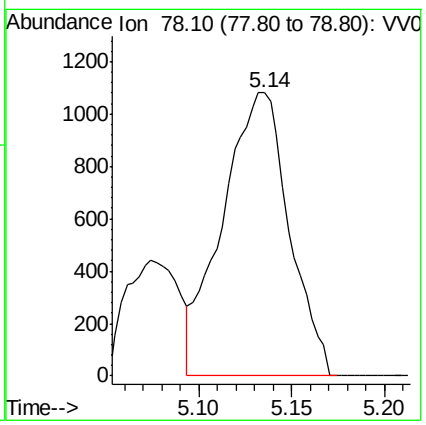
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 7.7 | 0.0 | 48.8 |

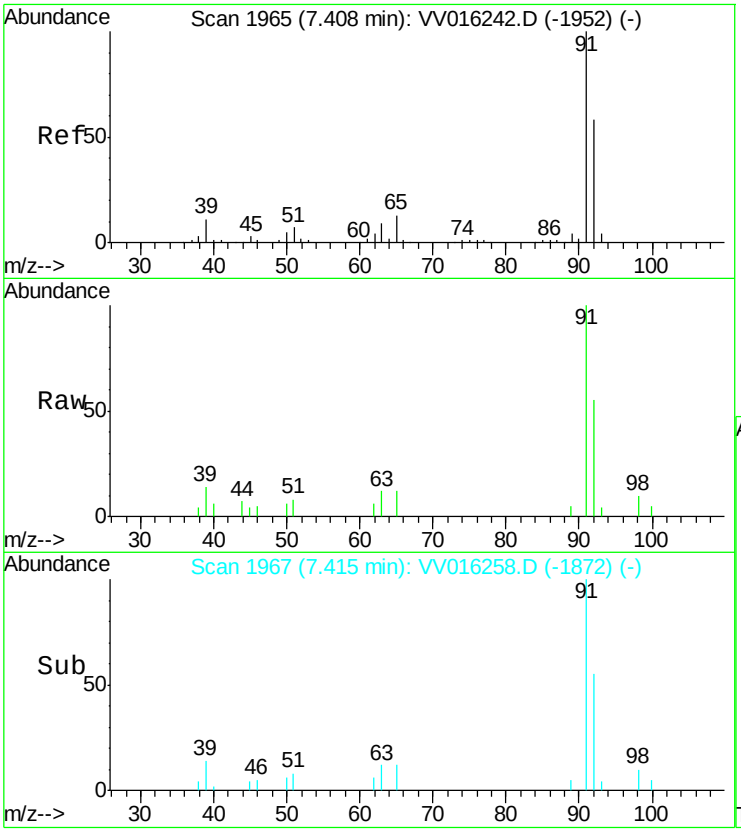



#33
Benzene
Concen: 0.105 ug/L
RT: 5.14 min Scan# 1258
Delta R.T. 0.01 min
Lab File: VV016258.D
Acq: 28 May 2020 03:48

Tgt Ion: 78 Resp: 2705



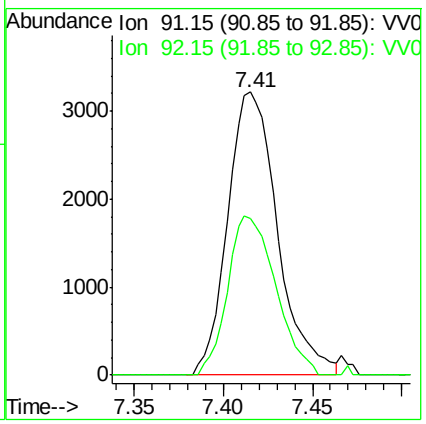


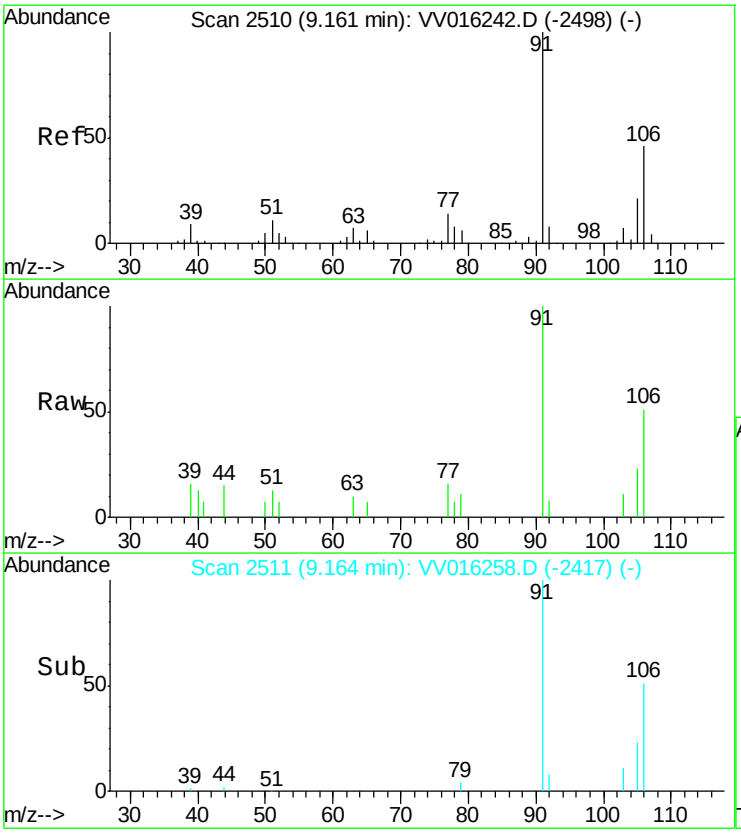

#42
Toluene
Concen: 0.222 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. 0.01 min
Lab File: VV016258.D
Acq: 28 May 2020 03:48

**Instrument :** MSVOA_V
**ClientSampleId :** BE4Z4

Tgt Ion: 91 Resp: 6255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 55.4 | 40.9 | 76.0 |




#55
m,p-xylene
Concen: 0.125 ug/L
RT: 9.16 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VV016258.D
Acq: 28 May 2020 03:48

Tgt Ion:106 Resp: 1473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 194.8 | 148.1 | 275.0 |