

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV053019\  
Quantitation Report (QT Reviewed)

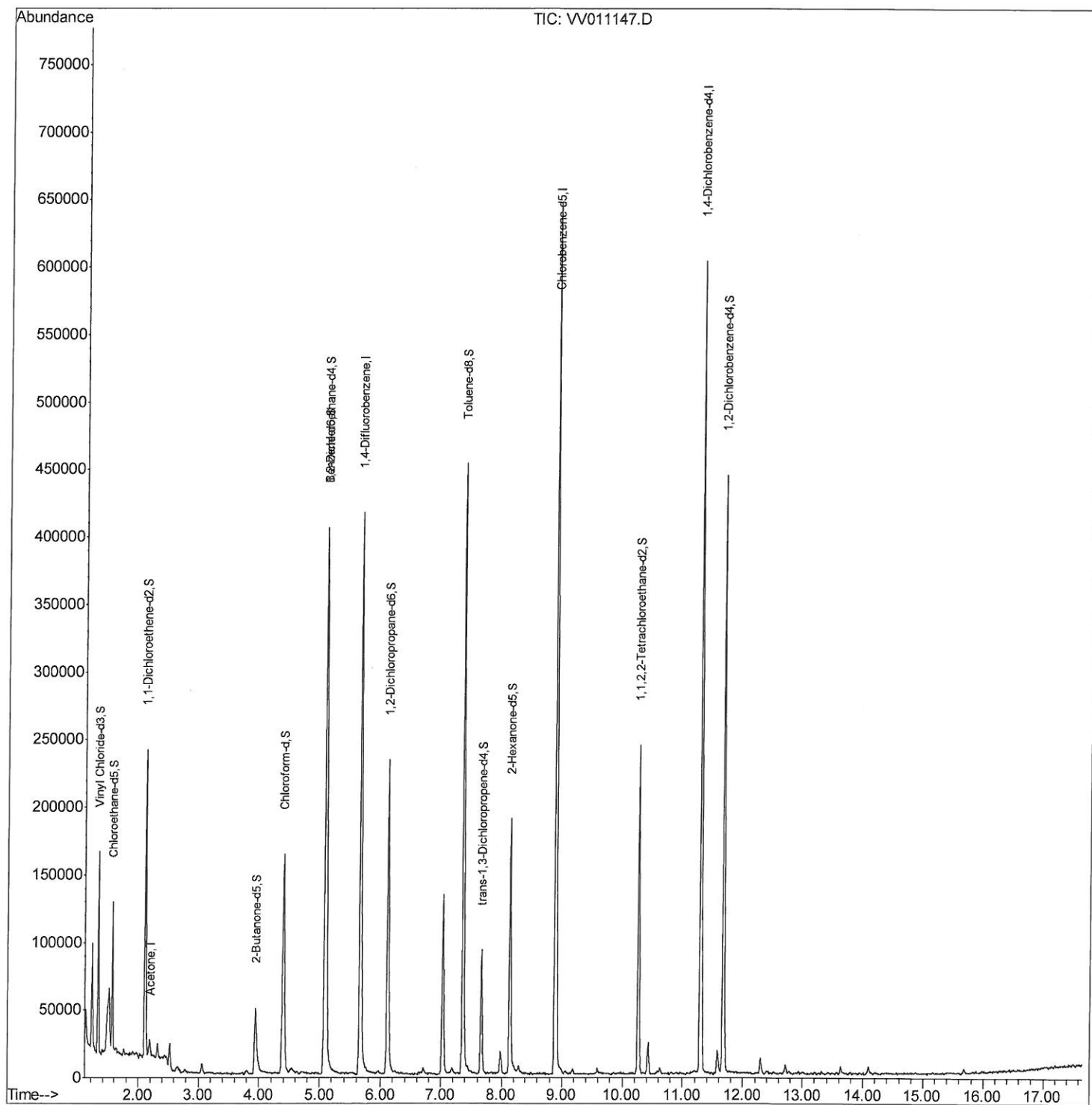
Data File : VV011147.D  
Acq On : 30 May 2019 20:32  
Operator : SY/MD  
Sample : K3083-13  
Misc : 0.14G/10ML/MSVOA\_V/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
A51J5

Manual Integrations  
APPROVED

MMDadoda  
6/1/2019 4:46:00 AM

Quant Time: May 31 02:39:31 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM053019S.M  
Quant Title : VOC Analysis  
QLast Update : Fri May 31 01:43:46 2019  
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV053019\  
Quantitation Report (Qedit)

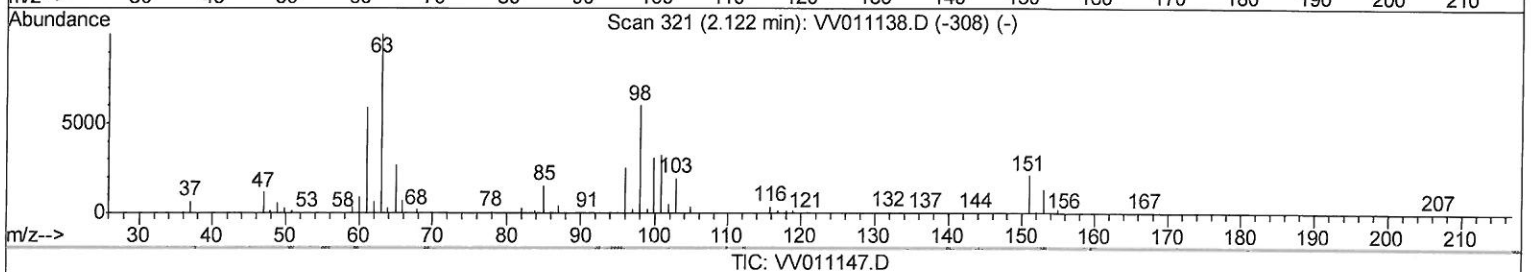
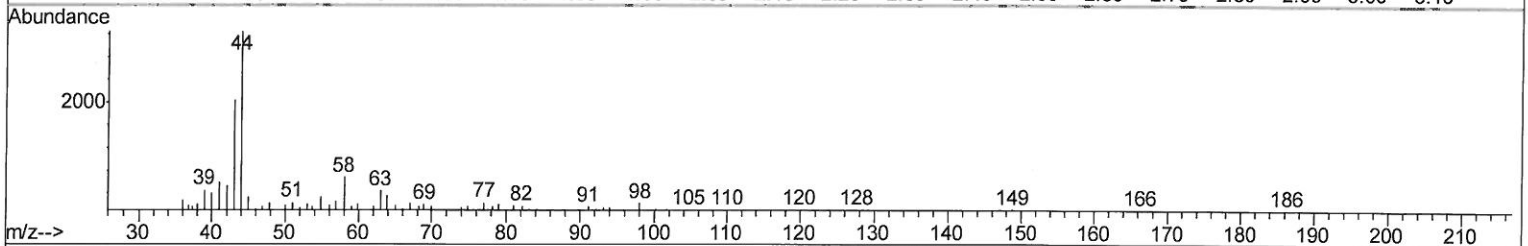
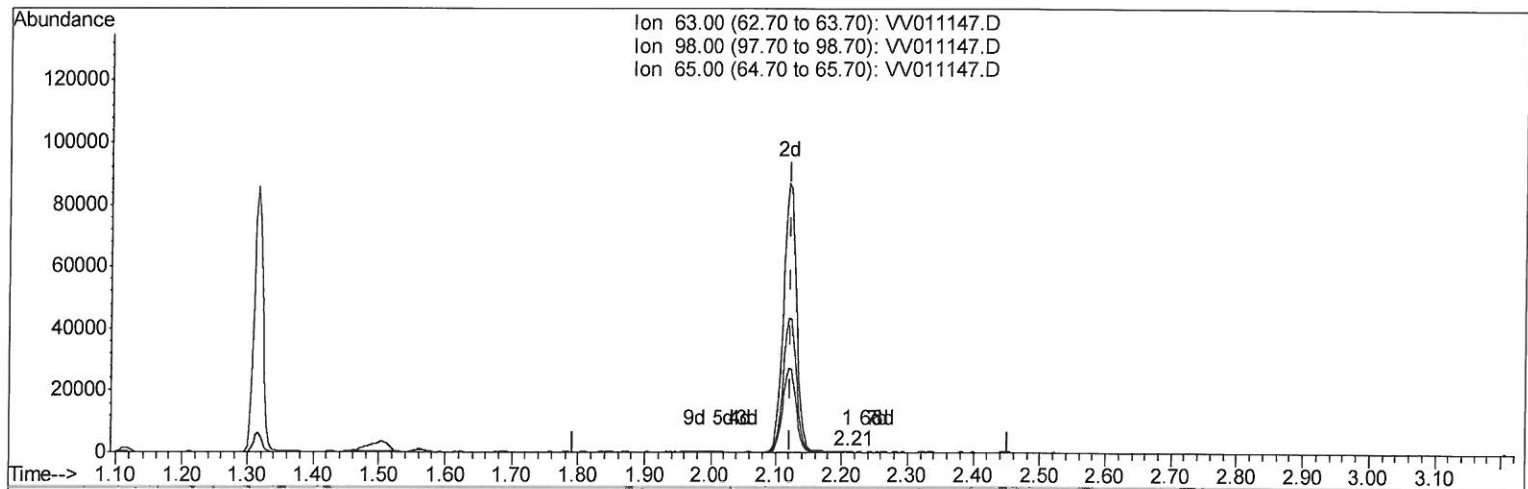
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(10) 1,1-Dichloroethene-d2 (S)

2.209min (+0.087) 0.02ug/L

response 156

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 63.00 | 100   | 100   |
| 98.00 | 64.20 | 60.90 |
| 65.00 | 23.10 | 26.28 |
| 0.00  | 0.00  | 0.00  |

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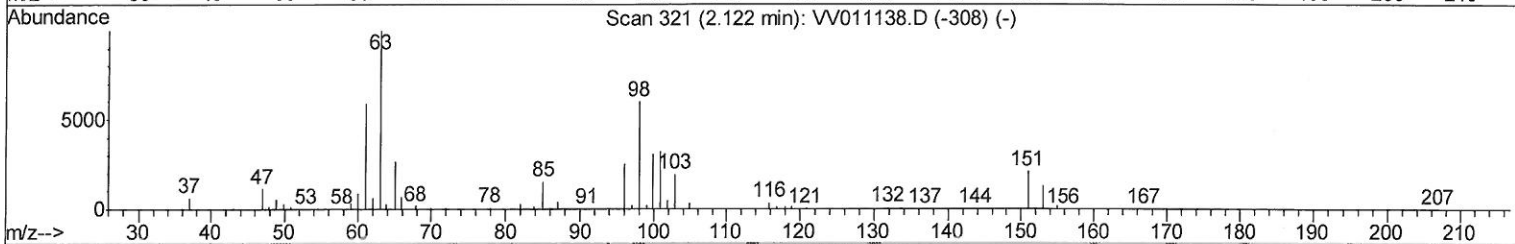
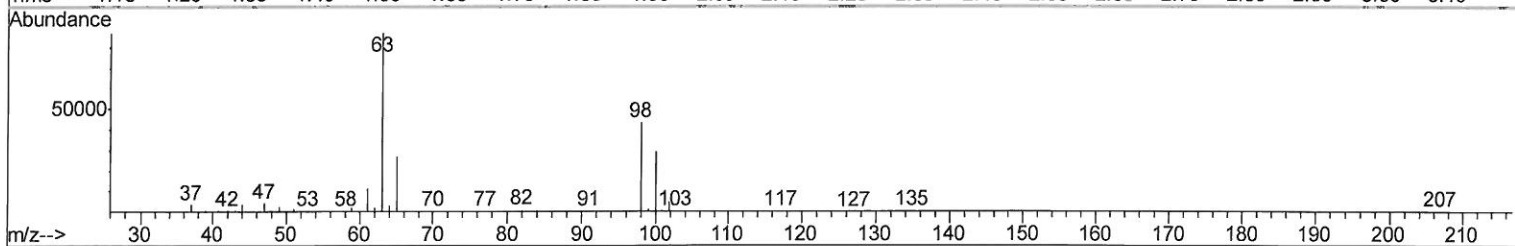
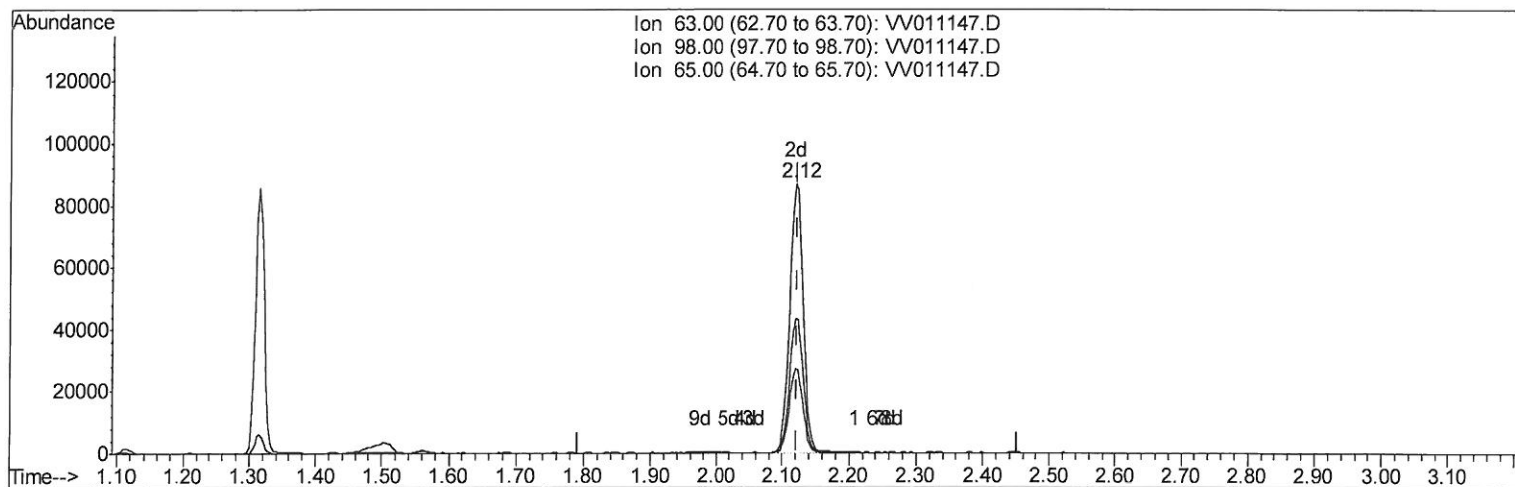
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TIC: VV011147.D

(10) 1,1-Dichloroethene-d2 (S)

2.119min (-0.003) 12.54ug/L m

response 121110

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 63.00 | 100   | 100   |
| 98.00 | 64.20 | 0.08# |
| 65.00 | 23.10 | 0.03# |
| 0.00  | 0.00  | 0.00  |

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Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 347871   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 330812   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 148669   | 25.00 | ug/L  | 0.00     |

System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 77374    | 16.44    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 65.76% |
| 7) Chloroethane-d5             | 1.56   | 69    | 62709    | 17.33    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 69.32% |
| 10) 1,1-Dichloroethene-d2      | 2.12   | 63    | 121110m  | 12.54    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 50.16% |
| 20) 2-Butanone-d5              | 3.94   | 46    | 76262    | 44.33    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 88.66% |
| 24) Chloroform-d               | 4.40   | 84    | 155978   | 18.34    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 73.36% |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 106071   | 19.14    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 76.56% |
| 29) Benzene-d6                 | 5.09   | 84    | 324244   | 18.05    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 72.20% |
| 33) 1,2-Dichloropropane-d6     | 6.12   | 67    | 106847   | 18.56    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 74.24% |
| 37) Toluene-d8                 | 7.36   | 98    | 291282   | 17.18    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 68.72% |
| 38) trans-1,3-Dichloropropene- | 7.66   | 79    | 46332    | 17.79    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 71.16% |
| 39) 2-Hexanone-d5              | 8.13   | 63    | 63805    | 48.77    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 97.54% |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 113008   | 21.78    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 87.12% |
| 61) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 107639   | 19.35    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 77.40% |

| Target Compounds |      |    |       |       | Qvalue  |
|------------------|------|----|-------|-------|---------|
| 13) Acetone      | 2.19 | 43 | 11790 | 5.891 | ug/L 97 |

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