

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101519\  
 Data File : VW013577.D  
 Acq On : 15 Oct 2019 11:49  
 Operator : SY/VA  
 Sample : K5262-08  
 Misc : 5.10G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Oct 15 13:48:42 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM101019S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Oct 15 13:46:18 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 442334   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 390782   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.55 | 152  | 190073   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 112312   | 22.19    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 88.76% |
| 7) Chloroethane-d5             | 2.89   | 69    | 82729    | 21.28    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 85.12% |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 175690   | 16.72    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 66.88% |
| 20) 2-Butanone-d5              | 7.07   | 46    | 74564    | 48.90    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 97.80% |
| 24) Chloroform-d               | 7.65   | 84    | 213324   | 22.20    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 88.80% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 113811   | 22.86    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 91.44% |
| 29) Benzene-d6                 | 8.27   | 84    | 481188   | 22.99    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 91.96% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 139636   | 22.48    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 89.92% |
| 37) Toluene-d8                 | 10.32  | 98    | 438411   | 22.06    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 88.24% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 60708    | 21.94    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 87.76% |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 56851    | 45.76    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 91.52% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 117241   | 23.55    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 94.20% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 158920   | 23.27    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 93.08% |

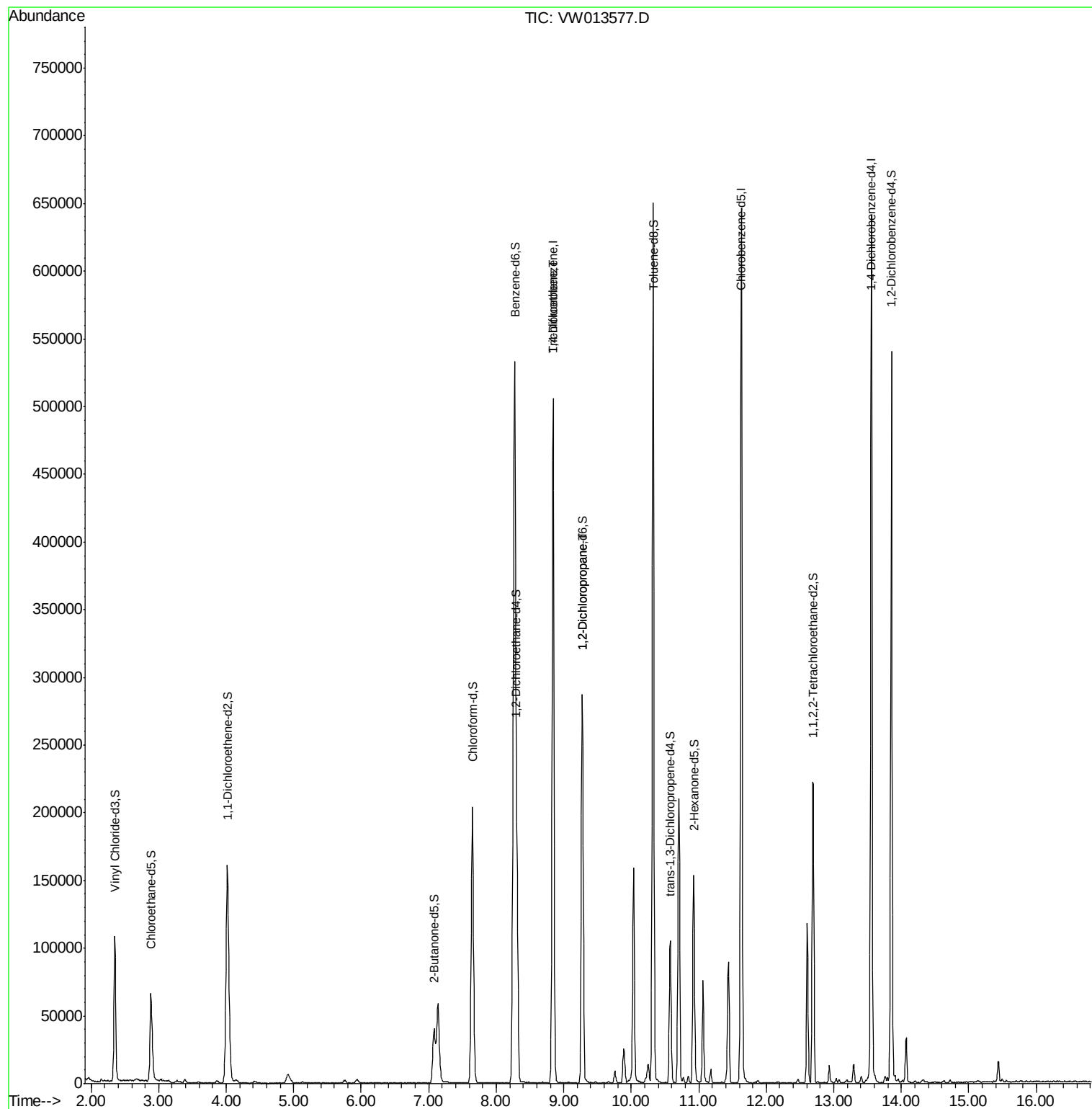
| Target Compounds        |      |    |       |              | Ovalue |
|-------------------------|------|----|-------|--------------|--------|
| 35) Trichloroethene     | 8.84 | 95 | 12883 | 2.092 ug/L # | 2      |
| 40) 1,2-Dichloropropane | 9.27 | 63 | 15154 | 2.665 ug/L # | 85     |

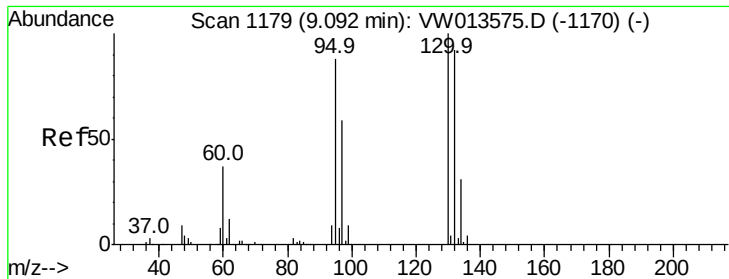
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 15 13:46:18 2019  
Response via : Initial Calibration





#35

Trichloroethene

Concen: 2.092 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW013577.D

Acq: 15 Oct 2019 11:49

Instrument :

MSVOA\_W

ClientSampleId :

Tot Ion: 95 Resp: 12883

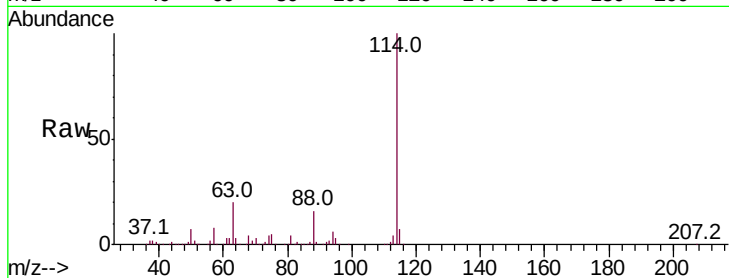
Ion Ratio Lower Upper

95 100

97 0.0 45.1 83.7#

132 0.0 73.6 136.8#

130 0.0 76.3 141.7#

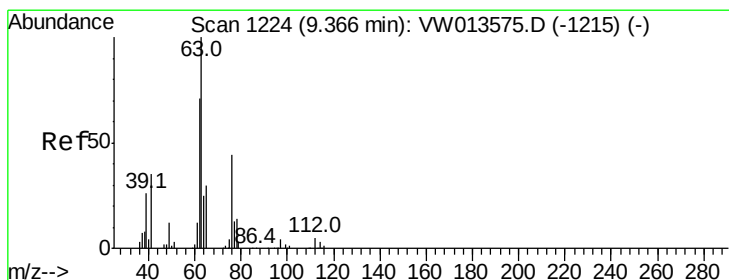
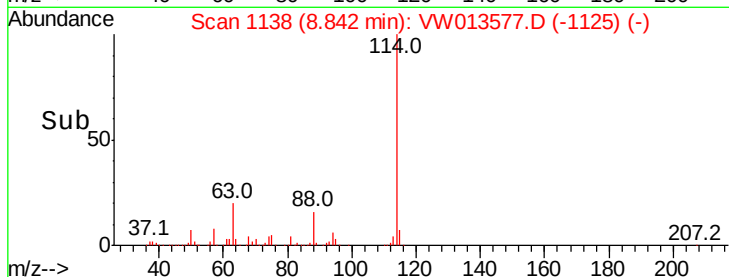
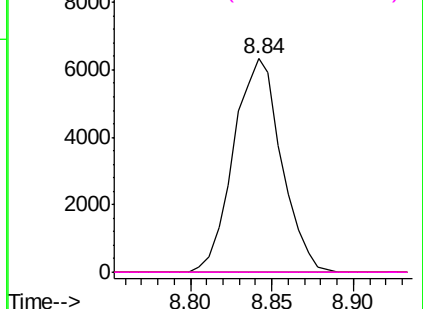


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 2.665 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW013577.D

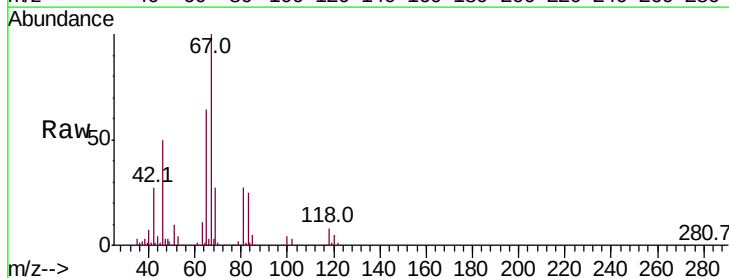
Acq: 15 Oct 2019 11:49

Tgt Ion: 63 Resp: 15154

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

