

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101519\  
 Data File : VV013167.D  
 Acq On : 15 Oct 2019 15:31  
 Operator : SY/MD  
 Sample : K5354-15  
 Misc : 5.00ML/MSVOA V/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Oct 15 18:16:26 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM101119WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Oct 15 18:13:27 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 762217   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 709825   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 268469   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |          |
|--------------------------------|---------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 270275   | 56.10    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 112.20%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 226412   | 57.33    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 114.66%  |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 357502   | 39.34    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 78.68%   |
| 21) 2-Butanone-d5              | 3.97    | 46    | 365454   | 100.88   | ug/L | 0.05     |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 100.88%  |
| 24) Chloroform-d               | 4.40    | 84    | 494959   | 53.36    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 106.72%  |
| 26) 1,2-Dichloroethane-d4      | 5.08    | 65    | 321509   | 56.23    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 112.46%  |
| 32) Benzene-d6                 | 5.10    | 84    | 1073035  | 56.66    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 113.32%  |
| 36) 1,2-Dichloropropane-d6     | 6.12    | 67    | 333545   | 56.21    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 112.42%  |
| 41) Toluene-d8                 | 7.36    | 98    | 902724   | 53.27    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 106.54%  |
| 43) trans-1,3-Dichloropropene- | 7.66    | 79    | 131388   | 48.88    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 97.76%   |
| 47) 2-Hexanone-d5              | 8.14    | 63    | 200016   | 84.72    | ug/L | 0.01     |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 84.72%   |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26   | 84    | 349355   | 45.62    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 91.24%   |
| 64) 1,2-Dichlorobenzene-d4     | 11.67   | 152   | 322920   | 61.39    | ug/L | 0.00     |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 122.78%# |

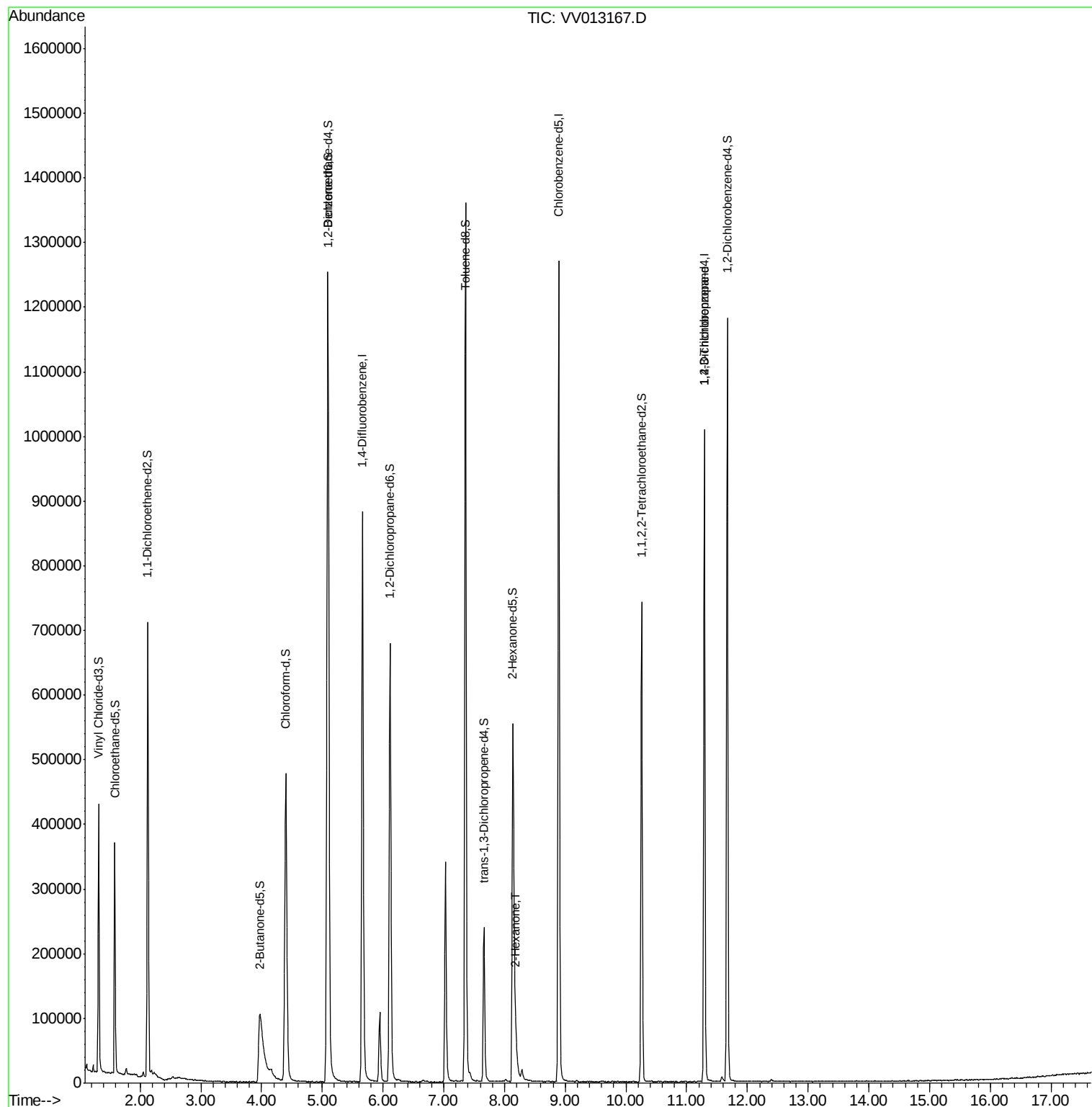
| Target Compounds           |       |    |       | Ovalue          |
|----------------------------|-------|----|-------|-----------------|
| 48) 2-Hexanone             | 8.19  | 43 | 38666 | 6.823 ug/L # 74 |
| 59) 1,2,3-Trichloropropane | 11.29 | 75 | 29065 | 4.265 ug/L 93   |

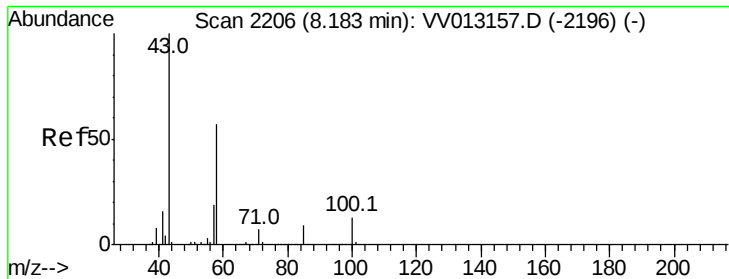
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Tue Oct 15 18:13:27 2019  
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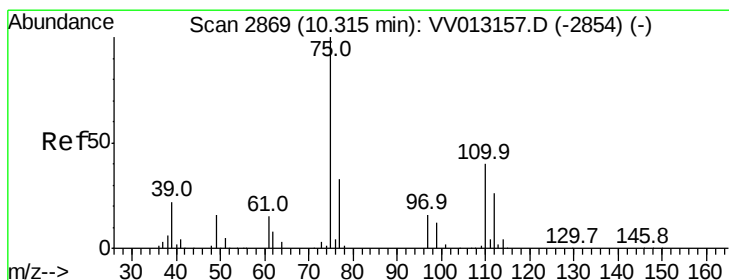
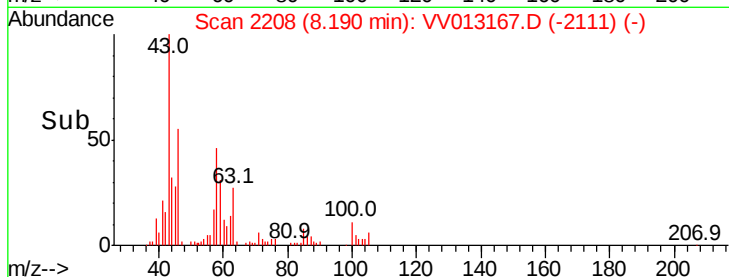
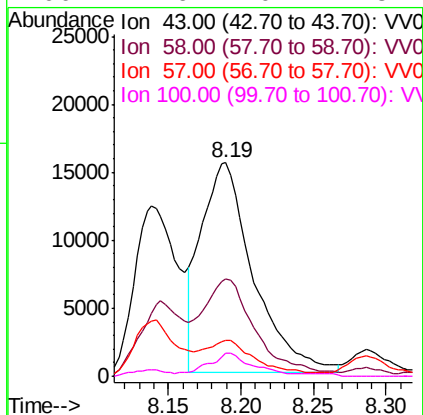
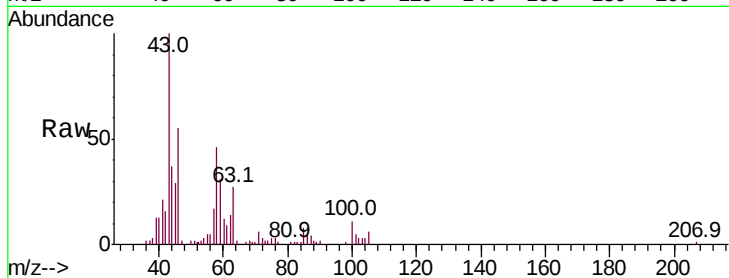




#48  
 2-Hexanone  
 Concen: 6.823 ug/L  
 RT: 8.19 min Scan# 2208  
 Delta R.T. 0.01 min  
 Lab File: VV013167.D  
 Acq: 15 Oct 2019 15:31

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Tot Ion: 43 Resp: 38666  
 Ion Ratio Lower Upper  
 43 100  
 58 39.3 44.9 67.3#  
 57 0.0 15.0 22.6#  
 100 7.6 10.2 15.2#



#59  
 1,2,3-Trichloropropane  
 Concen: 4.265 ug/L  
 RT: 11.29 min Scan# 3173  
 Delta R.T. 0.98 min  
 Lab File: VV013167.D  
 Acq: 15 Oct 2019 15:31

Tgt Ion: 75 Resp: 29065  
 Ion Ratio Lower Upper  
 75 100  
 77 35.8 25.7 38.5

