

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121119\  
 Data File : VW014306.D  
 Acq On : 11 Dec 2019 16:21  
 Operator : SY/VA  
 Sample : K6236-07  
 Misc : 4.80G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Dec 12 05:00:08 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM120519S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Dec 12 04:57:07 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 1241529  | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 1123867  | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.55 | 152  | 463279   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 439081   | 23.36    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 93.44%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 337575   | 24.15    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 96.60%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 611500   | 18.41    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 73.64%  |
| 20) 2-Butanone-d5              | 7.07   | 46    | 174782   | 35.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 71.36%  |
| 24) Chloroform-d               | 7.65   | 84    | 776662   | 24.57    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 98.28%  |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 389235   | 23.49    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 93.96%  |
| 29) Benzene-d6                 | 8.27   | 84    | 1658725  | 25.18    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 100.72% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 497458   | 24.55    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 98.20%  |
| 37) Toluene-d8                 | 10.32  | 98    | 1478863  | 24.83    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 99.32%  |
| 38) trans-1,3-Dichloropropene- | 10.57  | 79    | 182951   | 21.52    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 86.08%  |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 134450   | 33.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 66.74%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 326719   | 19.78    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 79.12%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 456407   | 25.78    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 103.12% |

## Target Compounds

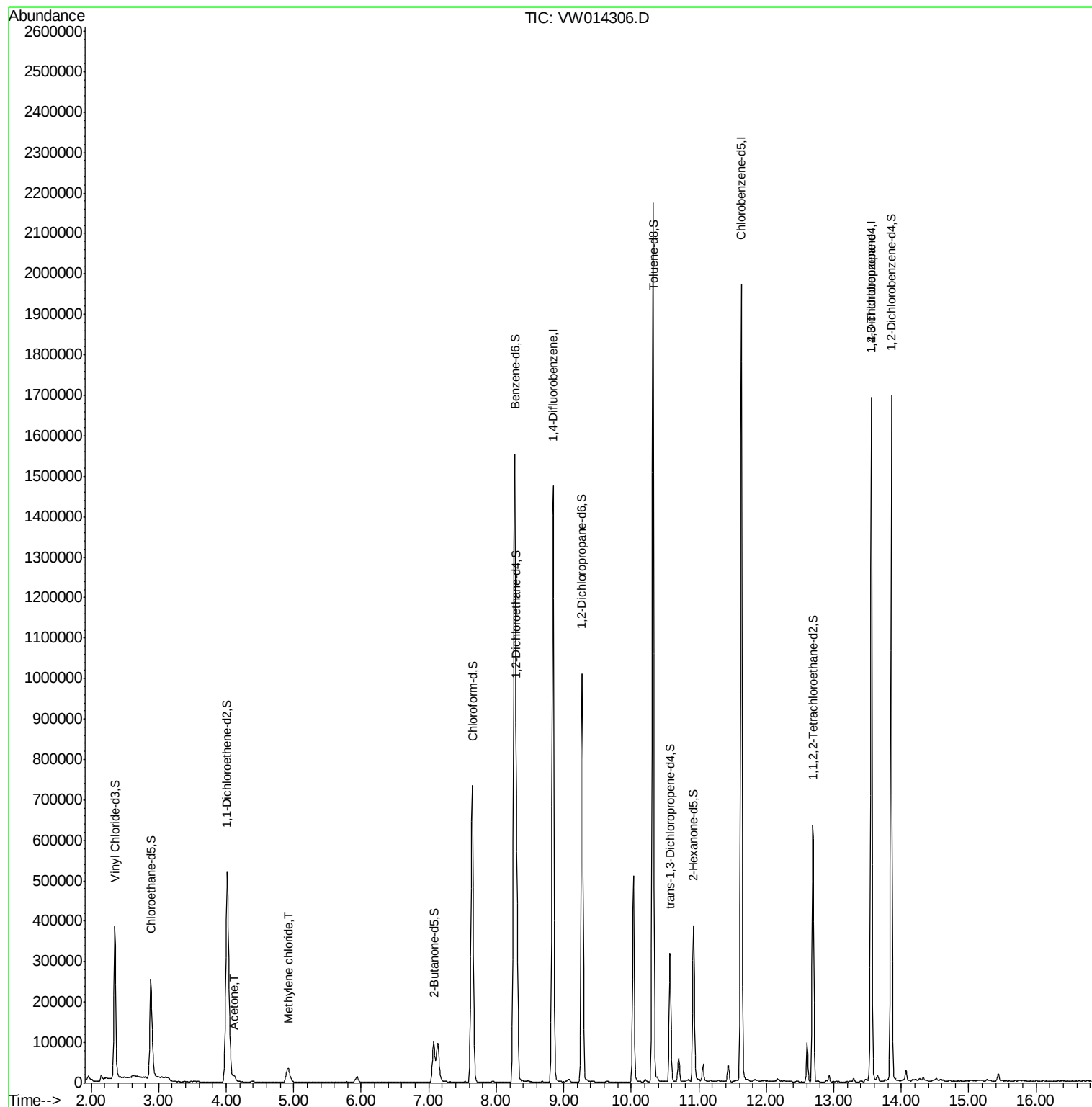
|                            |       |    |       |            | Ovalue |
|----------------------------|-------|----|-------|------------|--------|
| 13) Acetone                | 4.12  | 43 | 22262 | 4.713 ug/L | 93     |
| 16) Methylene chloride     | 4.92  | 84 | 31792 | 1.670 ug/L | 94     |
| 59) 1,2,3-Trichloropropane | 13.55 | 75 | 53582 | 4.241 ug/L | 97     |

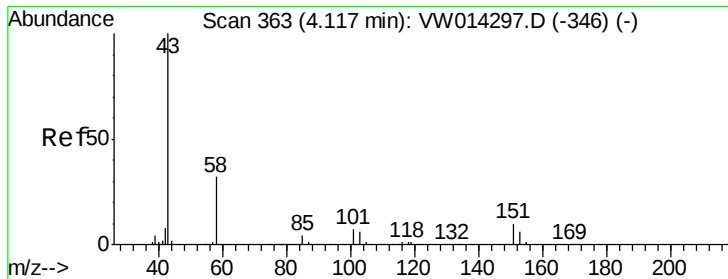
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 12 04:57:07 2019  
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#13

Acetone

Concen: 4.713 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW014306.D

Acq: 11 Dec 2019 16:21

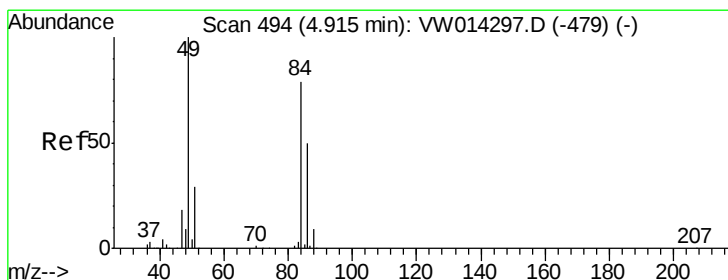
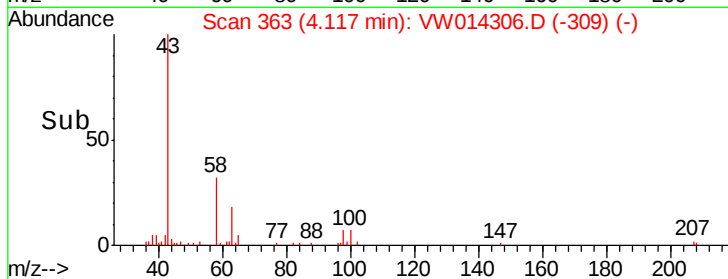
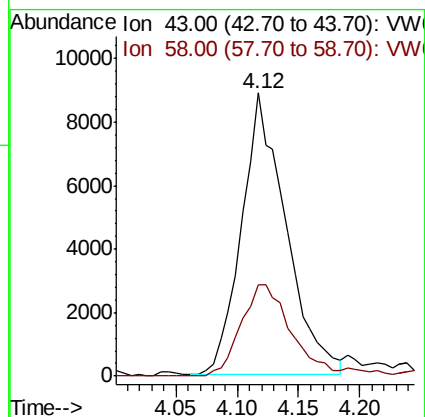
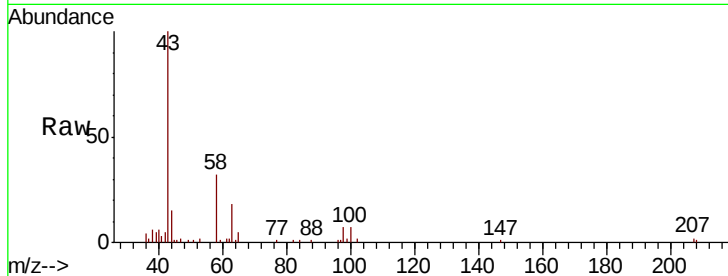
Instrument :  
MSVOA\_W  
ClientSampleId :

Tot Ion: 43 Resp: 22262

Ion Ratio Lower Upper

43 100

58 36.4 0.0 65.4



#16

Methylene chloride

Concen: 1.670 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW014306.D

Acq: 11 Dec 2019 16:21

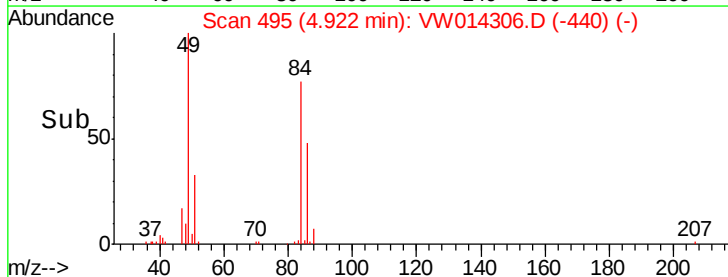
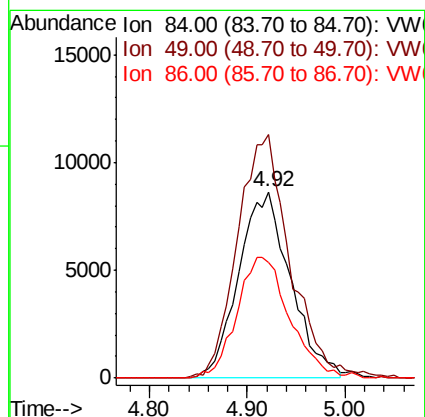
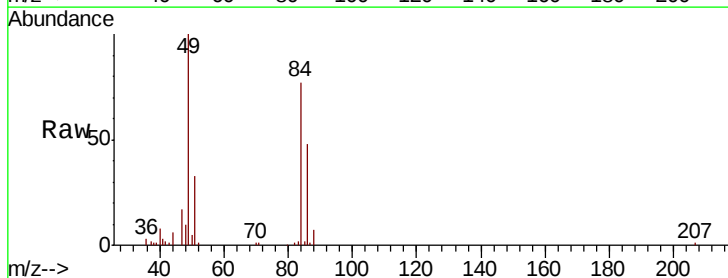
Tgt Ion: 84 Resp: 31792

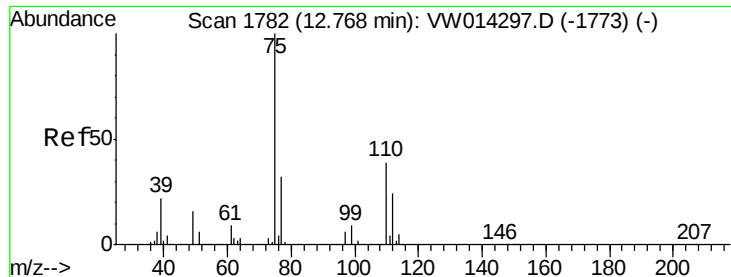
Ion Ratio Lower Upper

84 100

49 130.6 84.2 156.4

86 62.2 43.7 81.1





#59

1,2,3-Trichloropropane

Concen: 4.241 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014306.D

Acq: 11 Dec 2019 16:21

Instrument :

MSVOA\_W

ClientSampleId :

Tot Ion: 75 Resp: 53582

Ion Ratio Lower Upper

75 100

77 34.1 25.9 38.9

