

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120919\  
 Data File : VV013965.D  
 Acq On : 09 Dec 2019 16:10  
 Operator : SY/MD  
 Sample : K6148-02  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DDBR9

Quant Time: Dec 10 06:16:09 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM120219WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Dec 10 04:29:32 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 632310   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 571437   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 237783   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 171489   | 46.89    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 93.78% |
| 7) Chloroethane-d5             | 1.56    | 69    | 181942   | 47.66    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 95.32% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 289282   | 35.77    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 71.54% |
| 21) 2-Butanone-d5              | 3.92    | 46    | 230700   | 89.63    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 89.63% |
| 24) Chloroform-d               | 4.39    | 84    | 347178   | 45.21    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.42% |
| 26) 1,2-Dichloroethane-d4      | 5.07    | 65    | 216744   | 44.54    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.08% |
| 32) Benzene-d6                 | 5.09    | 84    | 695074   | 46.94    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.88% |
| 36) 1,2-Dichloropropane-d6     | 6.11    | 67    | 211547   | 47.59    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 95.18% |
| 41) Toluene-d8                 | 7.35    | 98    | 581057   | 43.04    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 86.08% |
| 43) trans-1,3-Dichloropropene- | 7.66    | 79    | 90557    | 41.87    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 83.74% |
| 47) 2-Hexanone-d5              | 8.13    | 63    | 154555   | 93.12    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 93.12% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25   | 84    | 275452   | 42.80    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 85.60% |
| 64) 1,2-Dichlorobenzene-d4     | 11.67   | 152   | 230476   | 49.35    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.70% |

## Target Compounds

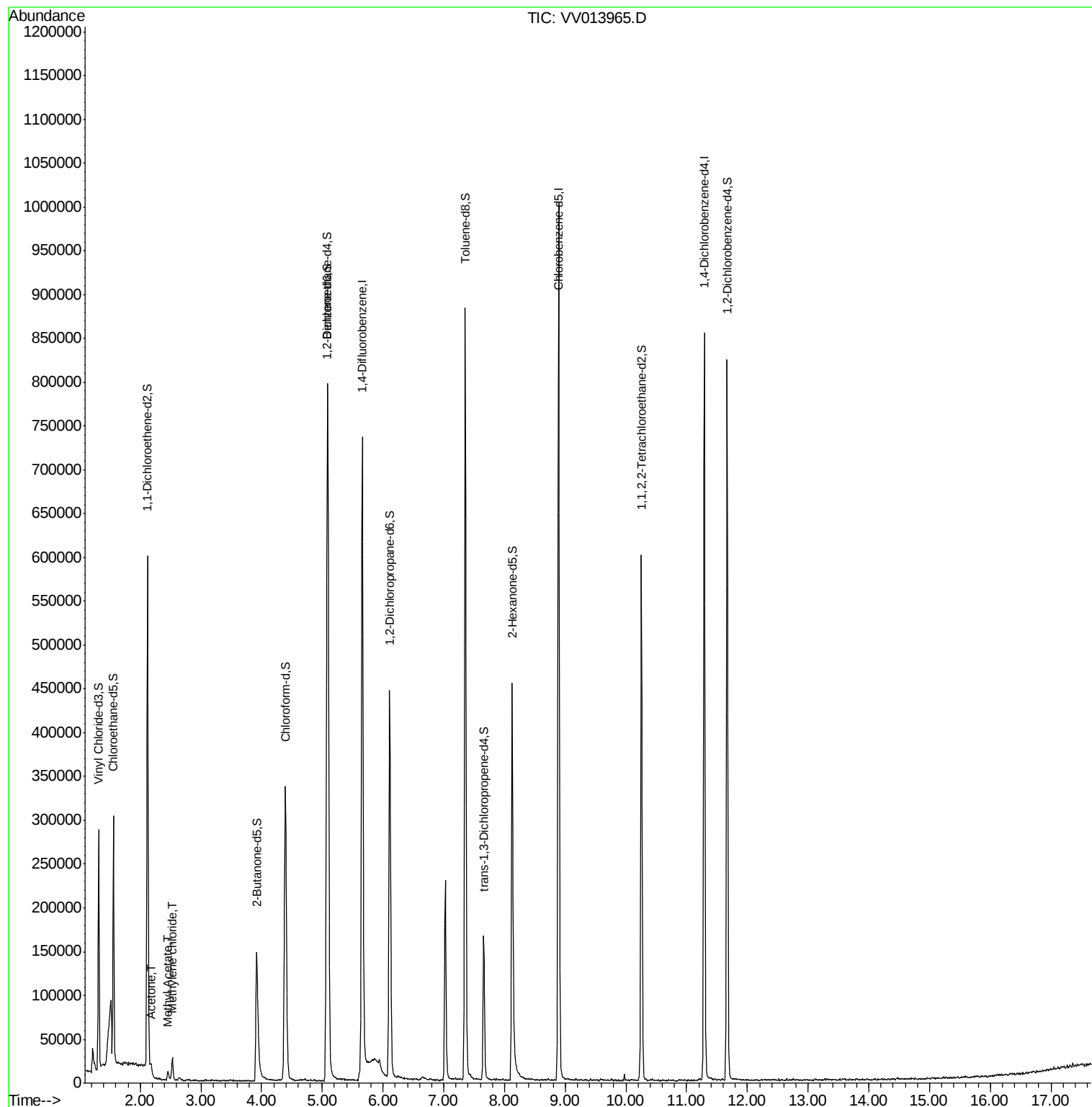
|                        |      |    |       |              | Ovalue |
|------------------------|------|----|-------|--------------|--------|
| 13) Acetone            | 2.18 | 43 | 6016  | 1.595 ug/L   | 97     |
| 15) Methyl Acetate     | 2.46 | 43 | 10967 | 2.359 ug/L # | 87     |
| 16) Methylene chloride | 2.53 | 84 | 10477 | 2.190 ug/L   | 89     |

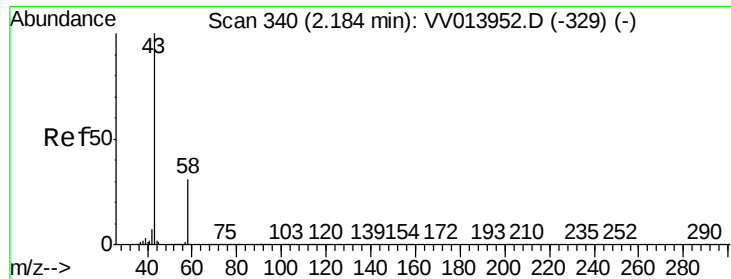
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 10 04:29:32 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 1.595 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV013965.D

Acq: 09 Dec 2019 16:10

Instrument :

MSVOA\_V

ClientSampleId :

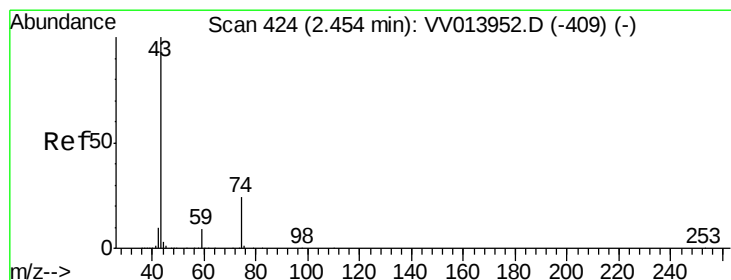
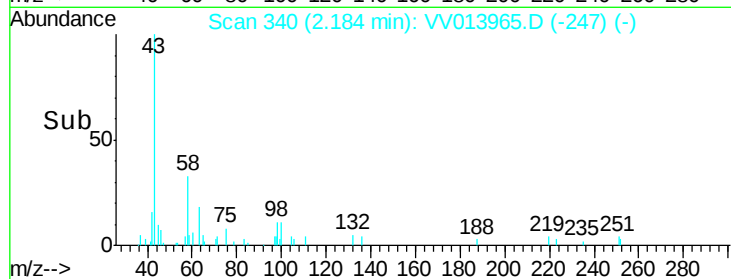
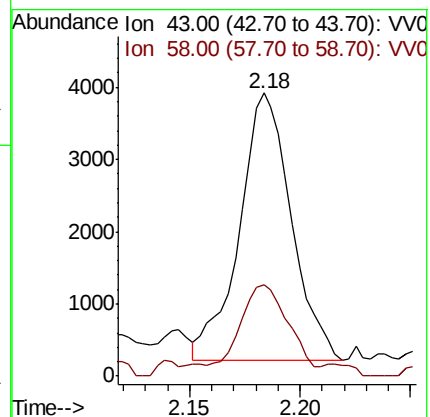
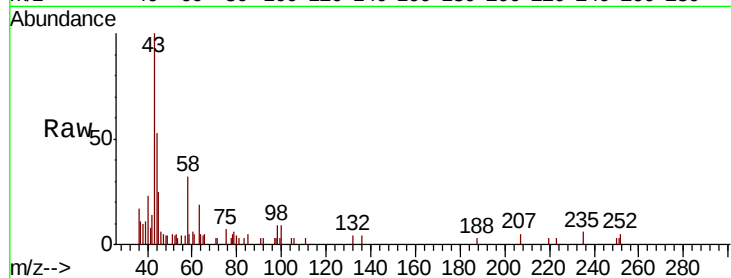
DBBR9

Tot Ion: 43 Resp: 6016

Ion Ratio Lower Upper

43 100

58 31.9 0.0 60.8



#15

Methyl Acetate

Concen: 2.359 ug/L

RT: 2.46 min Scan# 425

Delta R.T. 0.00 min

Lab File: VV013965.D

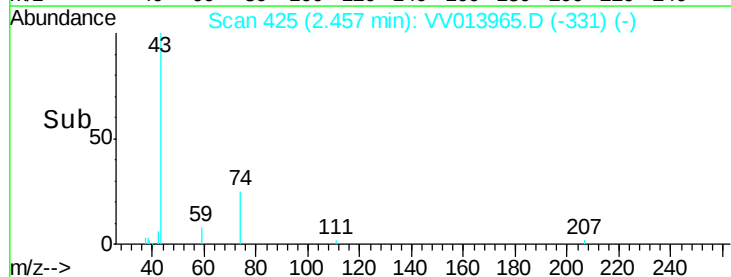
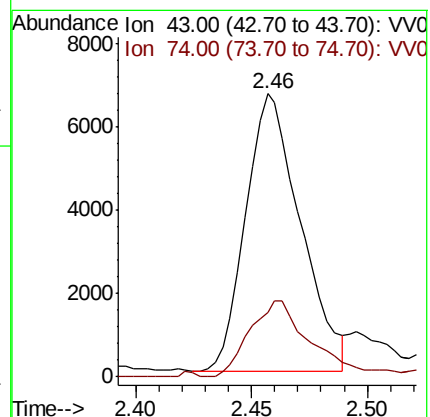
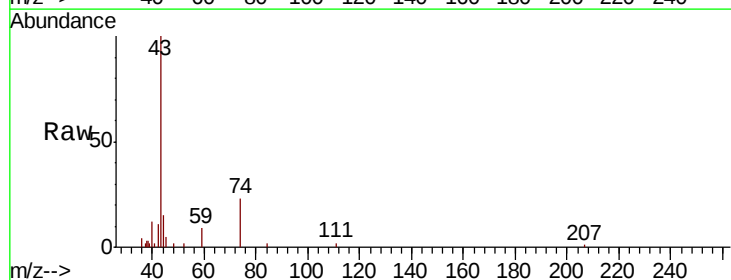
Acq: 09 Dec 2019 16:10

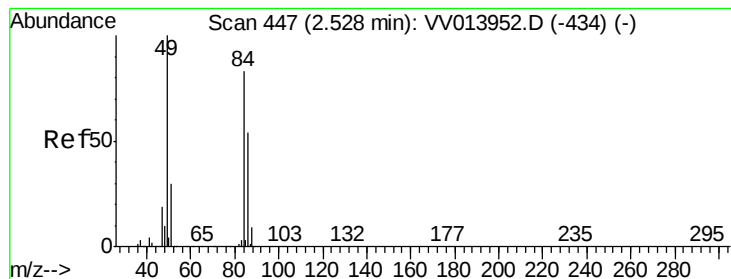
Tgt Ion: 43 Resp: 10967

Ion Ratio Lower Upper

43 100

74 30.4 19.3 28.9#





#16  
 Methylene chloride  
 Concen: 2.190 ug/L  
 RT: 2.53 min Scan# 447  
 Delta R.T. 0.00 min  
 Lab File: VV013965.D  
 Acq: 09 Dec 2019 16:10

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DBBR9

Tot Ion: 84 Resp: 10477  
 Ion Ratio Lower Upper  
 84 100  
 86 75.6 43.9 81.5  
 49 105.7 79.7 147.9

