

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120519\  
 Data File : VV013924.D  
 Acq On : 05 Dec 2019 18:50  
 Operator : SY/MD  
 Sample : K6170-04  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0BS3

Quant Time: Dec 06 05:40:31 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM120219WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 06 04:06:40 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 586063   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 569716   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 198615   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 222562   | 65.66    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 131.32% |
| 7) Chloroethane-d5             | 1.56    | 69    | 190210   | 53.76    | ug/L | -0.02   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 107.52% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 294421   | 39.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 78.56%  |
| 21) 2-Butanone-d5              | 3.92    | 46    | 264622   | 110.92   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 110.92% |
| 24) Chloroform-d               | 4.39    | 84    | 374117   | 52.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 105.12% |
| 26) 1,2-Dichloroethane-d4      | 5.07    | 65    | 239681   | 53.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 106.28% |
| 32) Benzene-d6                 | 5.09    | 84    | 779003   | 52.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 105.54% |
| 36) 1,2-Dichloropropane-d6     | 6.11    | 67    | 238018   | 53.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 107.42% |
| 41) Toluene-d8                 | 7.35    | 98    | 627068   | 46.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.18%  |
| 43) trans-1,3-Dichloropropene- | 7.66    | 79    | 95868    | 44.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 88.92%  |
| 47) 2-Hexanone-d5              | 8.13    | 63    | 148429   | 89.70    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 89.70%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25   | 84    | 298623   | 46.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 93.08%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67   | 152   | 224645   | 57.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 115.18% |

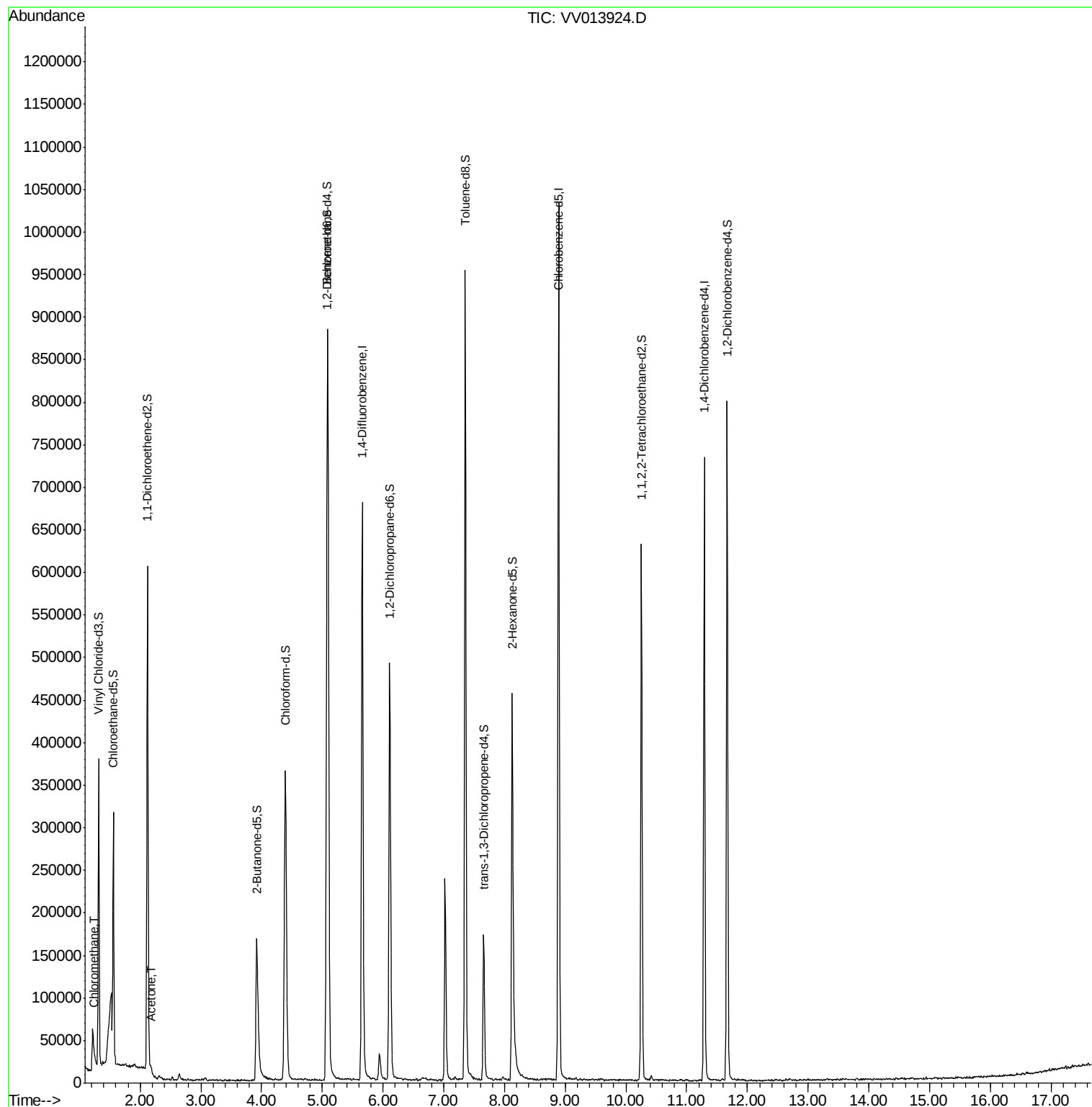
| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 3) Chloromethane | 1.25 | 50 | 4588 | 0.962 ug/L | 94     |
| 13) Acetone      | 2.18 | 43 | 5992 | 1.714 ug/L | 99     |

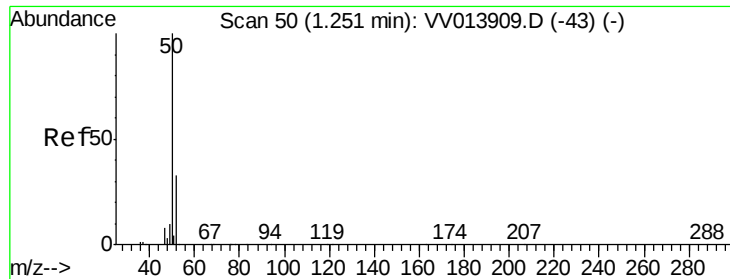
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0BS3

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM120219WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Dec 06 04:06:40 2019  
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.962 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV013924.D

Acq: 05 Dec 2019 18:50

Instrument :

MSVOA\_V

ClientSampleId :

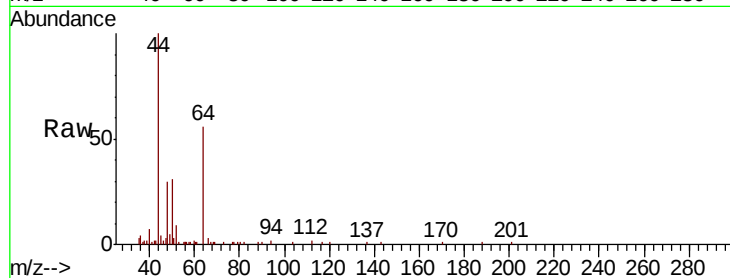
C0BS3

Tot Ion: 50 Resp: 4588

Ion Ratio Lower Upper

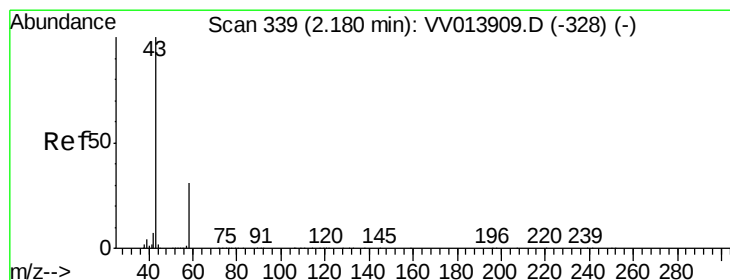
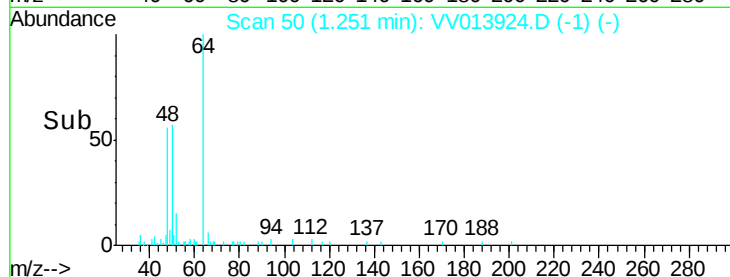
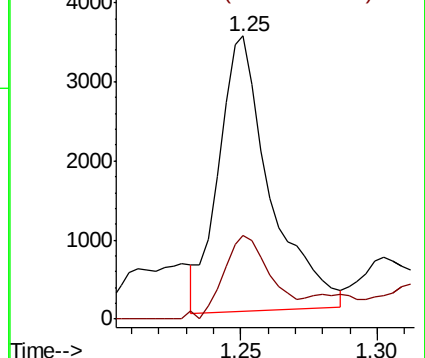
50 100

52 29.6 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0



#13

Acetone

Concen: 1.714 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

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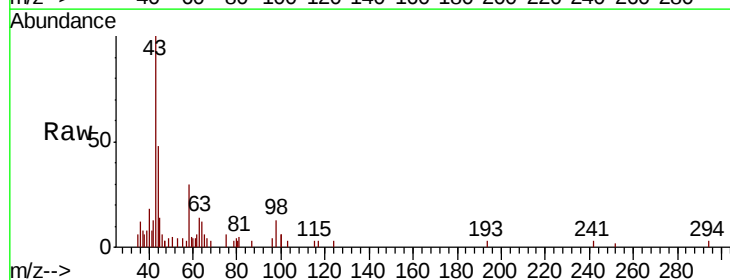
Acq: 05 Dec 2019 18:50

Tgt Ion: 43 Resp: 5992

Ion Ratio Lower Upper

43 100

58 29.8 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

