

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051820\  
 Data File : VV016101.D  
 Acq On : 18 May 2020 15:05  
 Operator : SY/MD  
 Sample : L2655-04  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0F22

Quant Time: May 19 05:33:32 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM051820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue May 19 04:04:01 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 344803   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 334739   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 157357   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 112704   | 45.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 90.66%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 102531   | 46.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 92.96%  |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 164252   | 34.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 69.86%  |
| 21) 2-Butanone-d5              | 3.93    | 46    | 151523   | 101.03   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 101.03% |
| 24) Chloroform-d               | 4.38    | 84    | 208531   | 43.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.62%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 156166   | 47.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.44%  |
| 32) Benzene-d6                 | 5.08    | 84    | 434590   | 47.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.70%  |
| 36) 1,2-Dichloropropane-d6     | 6.10    | 67    | 139562   | 48.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 96.12%  |
| 41) Toluene-d8                 | 7.34    | 98    | 404435   | 47.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 94.42%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 66002    | 45.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 90.64%  |
| 47) 2-Hexanone-d5              | 8.12    | 63    | 96089    | 101.64   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 101.64% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 169978   | 46.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 93.04%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 151991   | 48.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 97.68%  |

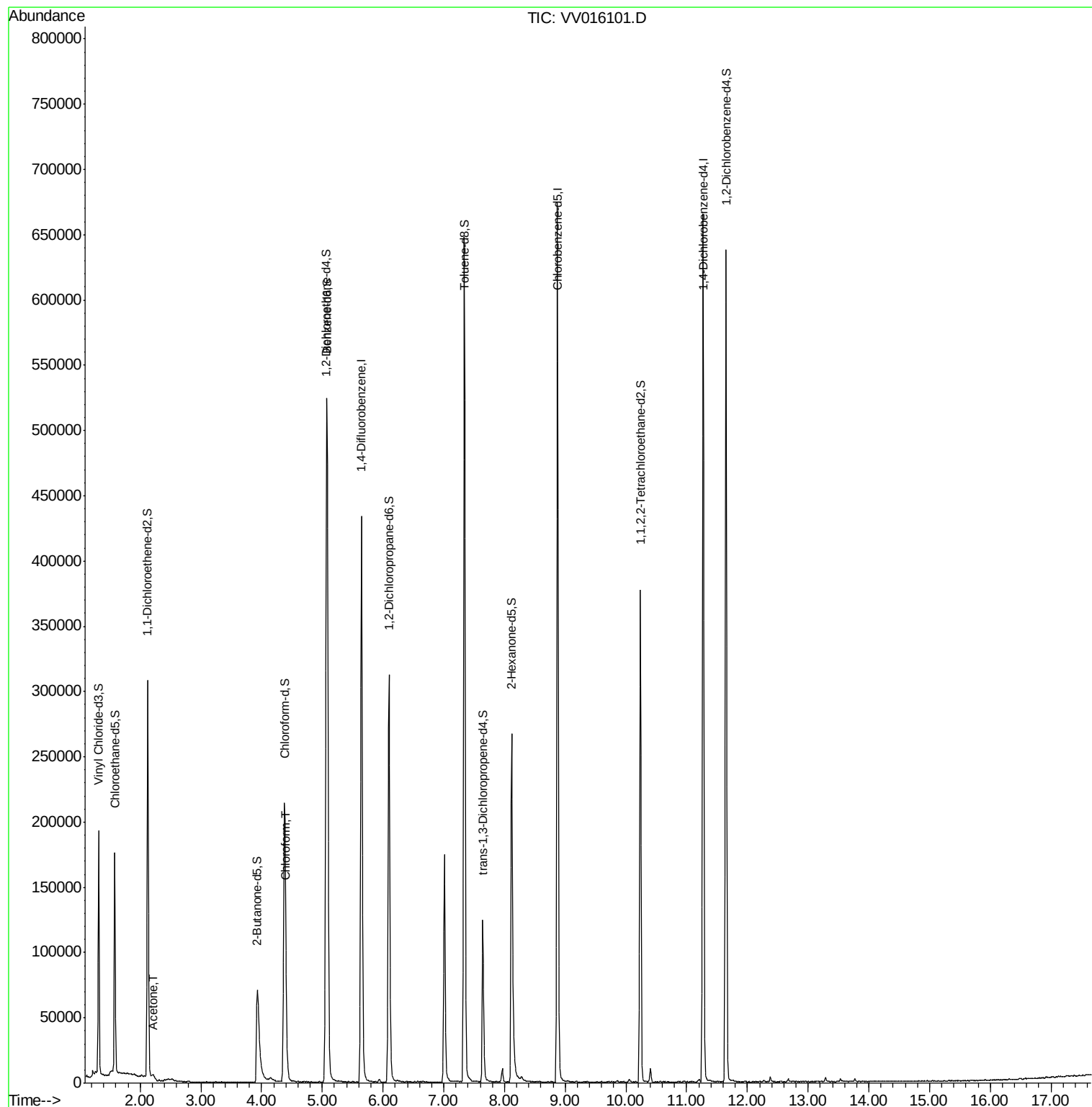
| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 2.22 | 43 | 7181  | 4.918 ug/L | 85     |
| 25) Chloroform   | 4.41 | 83 | 15846 | 3.298 ug/L | 97     |

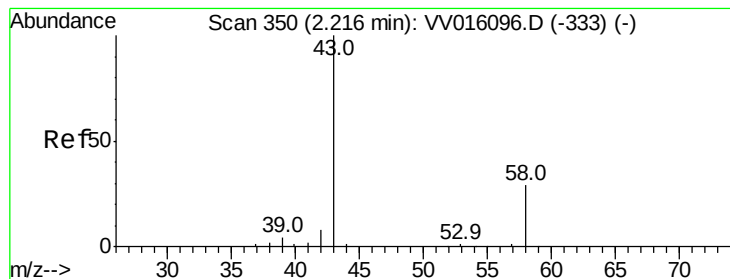
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM051820WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue May 19 04:04:01 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 4.918 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.00 min

Lab File: VV016101.D

Acq: 18 May 2020 15:05

Instrument :

MSVOA\_V

ClientSampleId :

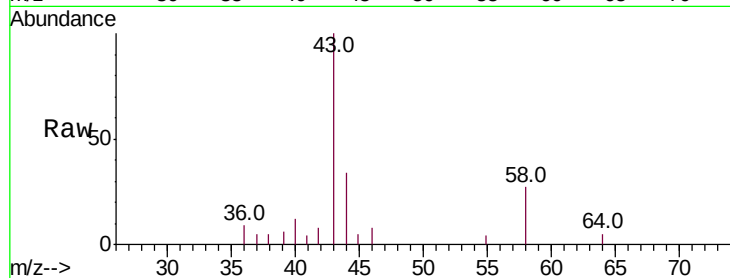
C0F22

Tot Ion: 43 Resp: 7181

Ion Ratio Lower Upper

43 100

58 21.1 0.0 57.8



Abundance Ion 43.00 (42.70 to 43.70): VV016101.D (-333) (-)

Ion 58.00 (57.70 to 58.70): VV016101.D (-333) (-)

2.22

3000

2000

1000

0

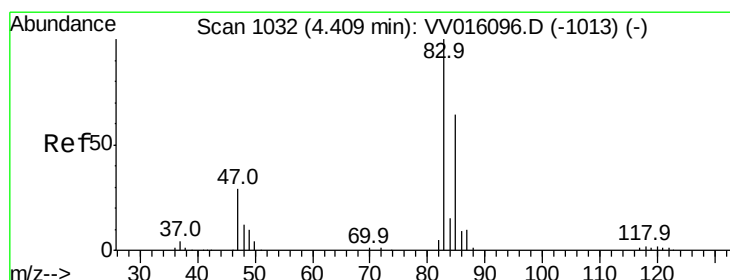
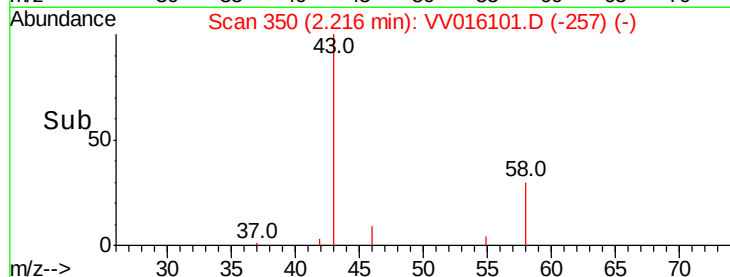
2.15

2.20

2.25

2.30

Time-->



#25

Chloroform

Concen: 3.298 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. -0.00 min

Lab File: VV016101.D

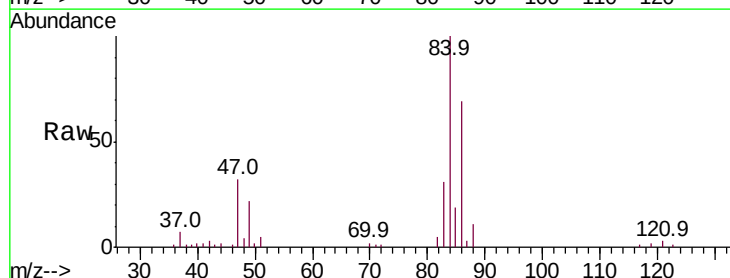
Acq: 18 May 2020 15:05

Tgt Ion: 83 Resp: 15846

Ion Ratio Lower Upper

83 100

85 61.8 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VV016101.D (-939) (-)

Ion 85.00 (84.70 to 85.70): VV016101.D (-939) (-)

4.41

6000

4000

2000

0

4.30

4.35

4.40

4.45

4.50

Time-->

