

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121919\  
 Data File : VV014130.D  
 Acq On : 19 Dec 2019 15:24  
 Operator : SY/MD  
 Sample : K6286-02  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFDX8

Manual Integrations  
 APPROVED

apatel  
 12/20/2019 10:49:14 AM

Quant Time: Dec 20 07:37:31 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR112219WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Dec 20 07:12:45 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 358446   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 346468   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 155273   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 93028    | 4.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 83.80%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 91696    | 4.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 97.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 117518   | 3.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 63.00%  |
| 20) 2-Butanone-d5              | 3.92   | 46    | 274867   | 59.60    | ug/L | -0.03   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 119.20% |
| 24) Chloroform-d               | 4.40   | 84    | 208550   | 4.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 105604   | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.20%  |
| 32) Benzene-d6                 | 5.09   | 84    | 355171   | 3.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 79.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.11   | 67    | 126359   | 4.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 94.80%  |
| 41) Toluene-d8                 | 7.36   | 98    | 266192   | 3.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 63.40%# |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 39594    | 3.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 76.40%  |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 174364   | 45.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 91.18%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25  | 84    | 97683    | 5.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 105.80% |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 126108   | 4.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 92.00%  |

| Target Compounds |      |    |       | Ovalue        |
|------------------|------|----|-------|---------------|
| 13) Acetone      | 2.19 | 43 | 7745m | 2.401 ug/L    |
| 42) Toluene      | 7.43 | 91 | 18946 | 0.208 ug/L 92 |

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

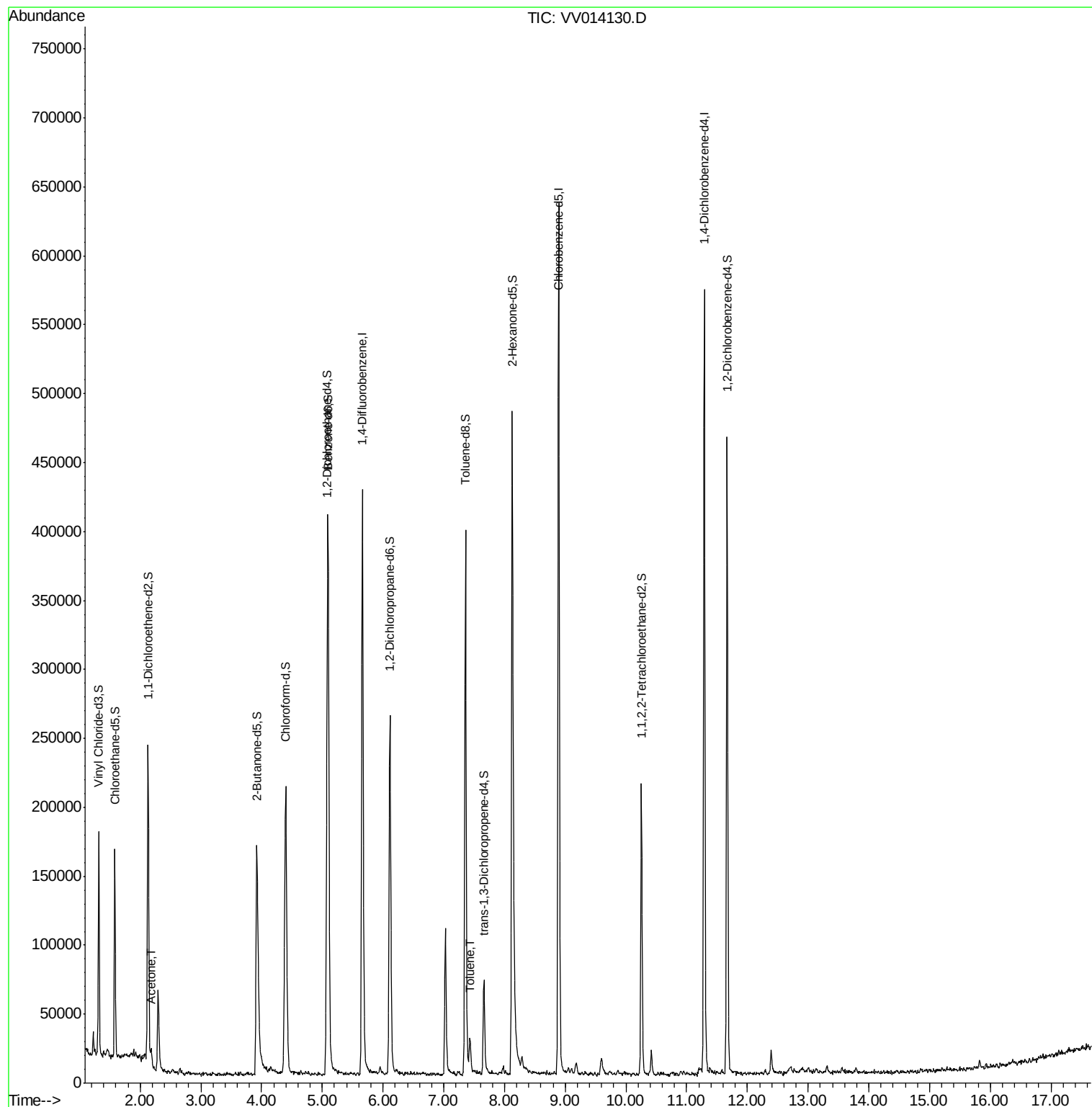
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV121919\  
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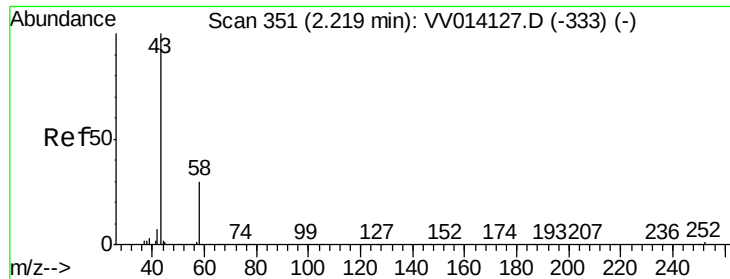
Instrument :  
MSVOA\_V  
ClientSampleId :  
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Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Dec 20 07:12:45 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 2.401 ug/L m

RT: 2.19 min Scan# 341

Delta R.T. -0.03 min

Lab File: VV014130.D

Acq: 19 Dec 2019 15:24

Instrument :

MSVOA\_V

ClientSampleId :

BFDX8

Tot Ion: 43 Resp: 7745

Ion Ratio Lower Upper

43 100

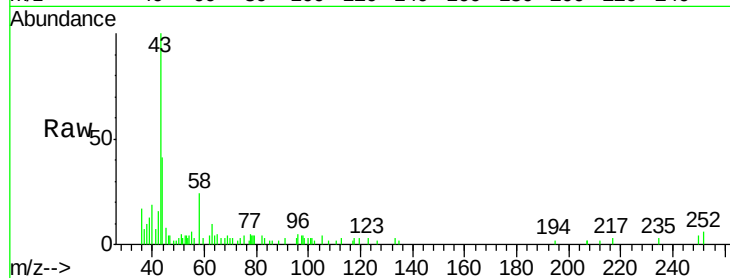
58 14.2 0.0 27.2

Manual Integrations

APPROVED

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12/20/2019 10:49:14 AM



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.19

5000

4000

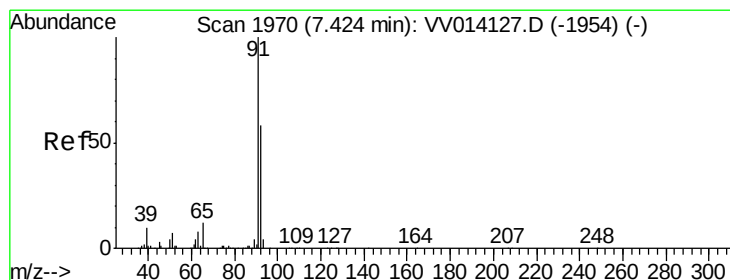
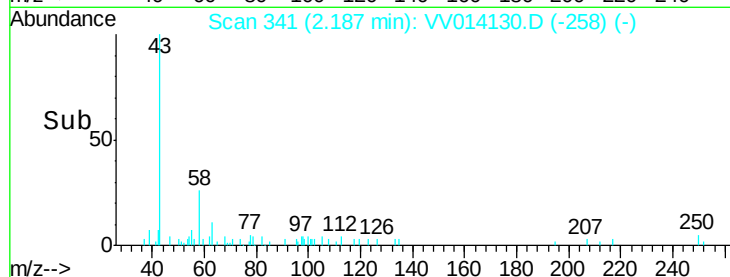
3000

2000

1000

0

Time-->



#42

Toluene

Concen: 0.208 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VV014130.D

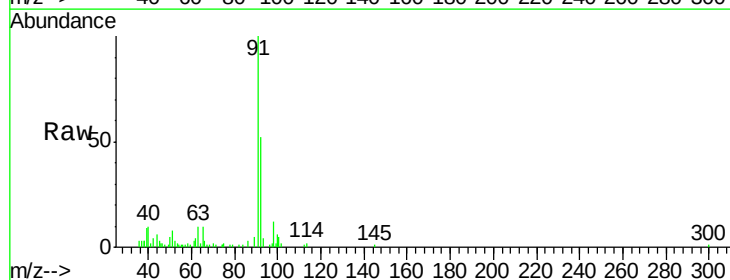
Acq: 19 Dec 2019 15:24

Tgt Ion: 91 Resp: 18946

Ion Ratio Lower Upper

91 100

92 52.4 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.43

10000

8000

6000

4000

2000

0

Time-->

