

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052020\  
 Data File : VV016135.D  
 Acq On : 20 May 2020 16:39  
 Operator : SY/MD  
 Sample : L2725-06  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F9B15

Manual Integrations  
 APPROVED

apatel  
 5/22/2020 11:27:19 AM

Quant Time: May 21 03:50:40 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR050720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu May 21 01:36:12 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.65  | 114  | 136507   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 139127   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 64962    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 31956    | 4.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 86.20%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 36118    | 5.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 103.00% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 57700    | 3.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 72.40%  |
| 20) 2-Butanone-d5              | 3.94   | 46    | 125592   | 59.45    | ug/L | -0.05   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 118.90% |
| 24) Chloroform-d               | 4.38   | 84    | 86639    | 5.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 107.00% |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 48451    | 5.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 104.40% |
| 32) Benzene-d6                 | 5.08   | 84    | 159899   | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 53105    | 5.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 105.20% |
| 41) Toluene-d8                 | 7.34   | 98    | 139892   | 4.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 89.40%  |
| 45) trans-1,3-Dichloropropene- | 7.65   | 79    | 17563    | 4.43     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 88.60%  |
| 48) 2-Hexanone-d5              | 8.12   | 63    | 96841    | 55.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 111.16% |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 39195    | 5.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 110.20% |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 54357    | 5.16     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 103.20% |

| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 2.24 | 43 | 4525m | 3.247 ug/L |        |
| 42) Toluene      | 7.41 | 91 | 4068  | 0.110 ug/L | 93     |

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

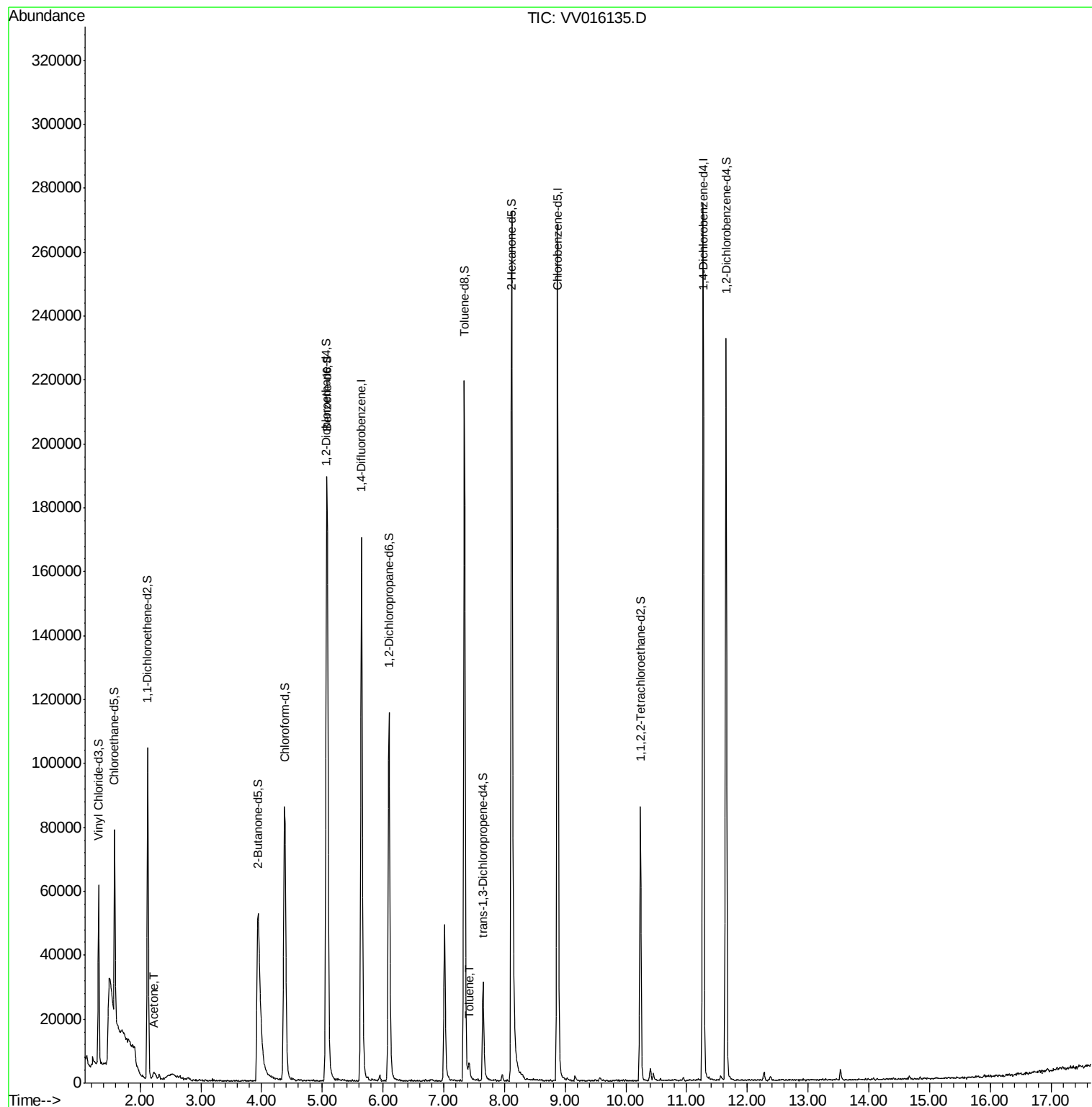
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052020\  
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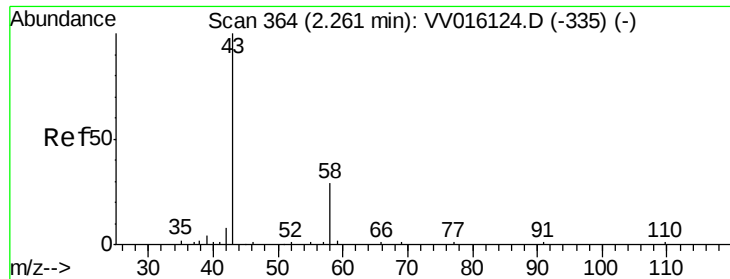
Instrument :  
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#13

Acetone

Concen: 3.247 ug/L m

RT: 2.24 min Scan# 358

Delta R.T. -0.02 min

Lab File: VV016135.D

Acq: 20 May 2020 16:39

Instrument :

MSVOA\_V

ClientSampled :

F9B15

Tot Ion: 43 Resp: 4525

Ion Ratio Lower Upper

43 100

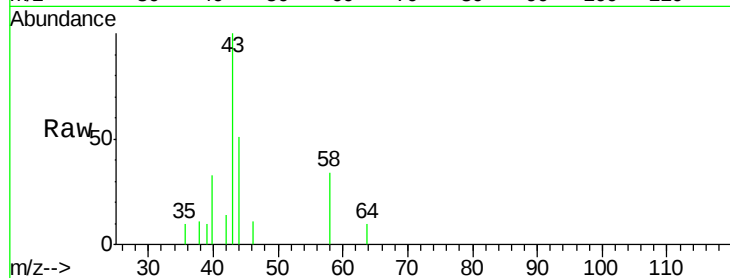
58 0.0 0.0 30.8

Manual Integrations

APPROVED

apatel

5/22/2020 11:27:19 AM



Abundance Ion 43.05 (42.75 to 43.75): VV016135.D (-271) (-)

Ion 58.05 (57.75 to 58.75): VV016135.D (-271) (-)

2.24

1200

1000

800

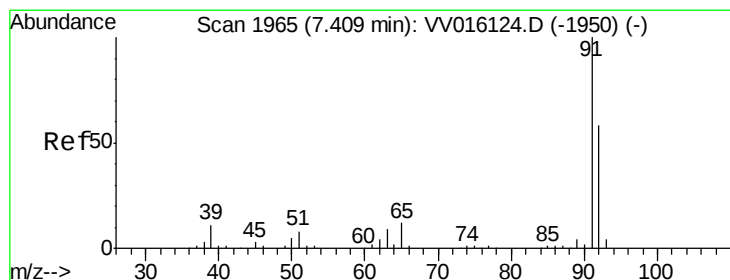
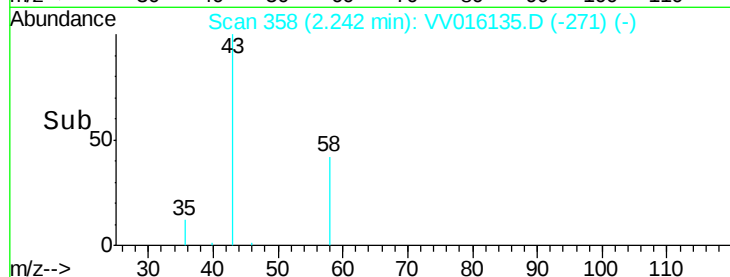
600

400

200

0

Time-->



#42

Toluene

Concen: 0.110 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV016135.D

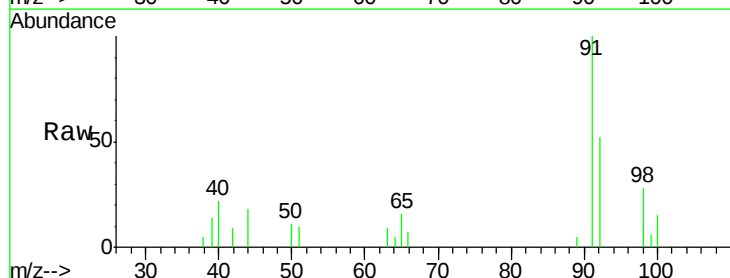
Acq: 20 May 2020 16:39

Tgt Ion: 91 Resp: 4068

Ion Ratio Lower Upper

91 100

92 52.5 40.1 74.5



Abundance Ion 91.15 (90.85 to 91.85): VV016135.D (-1872) (-)

Ion 92.15 (91.85 to 92.85): VV016135.D (-1872) (-)

7.41

2000

1500

1000

500

0

Time-->

