

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\  
 Data File : VV016728.D  
 Acq On : 09 Jun 2020 19:36  
 Operator : SY/MD  
 Sample : L2901-03DL 200X  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ETTR3DL

Manual Integrations  
 APPROVED

MMDadoda  
 6/10/2020 3:52:13 PM

Quant Time: Jun 10 04:34:37 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jun 10 03:42:58 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 366799   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 339220   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 171297   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 80883    | 31.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 62.50%  |
| 7) Chloroethane-d5             | 1.56    | 69    | 61269    | 39.45    | ug/L | -0.01   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 78.90%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 119082   | 27.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 54.80%# |
| 21) 2-Butanone-d5              | 3.89    | 46    | 181572   | 94.78    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 94.78%  |
| 24) Chloroform-d               | 4.37    | 84    | 217796   | 41.38    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 82.76%  |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 158395   | 44.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.50%  |
| 32) Benzene-d6                 | 5.07    | 84    | 416886   | 42.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 85.26%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 133933   | 43.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 87.88%  |
| 41) Toluene-d8                 | 7.34    | 98    | 373100   | 41.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 83.16%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 63139    | 39.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 79.54%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 121631   | 91.53    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 91.53%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 185039   | 45.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 91.72%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 165058   | 45.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 90.30%  |

| Target Compounds           |      |    |         |             | Ovalue |
|----------------------------|------|----|---------|-------------|--------|
| 5) Vinyl chloride          | 1.32 | 62 | 46932   | 17.946 ug/L | 93     |
| 20) cis-1,2-Dichloroethene | 3.94 | 96 | 118588m | 43.823 ug/L |        |

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

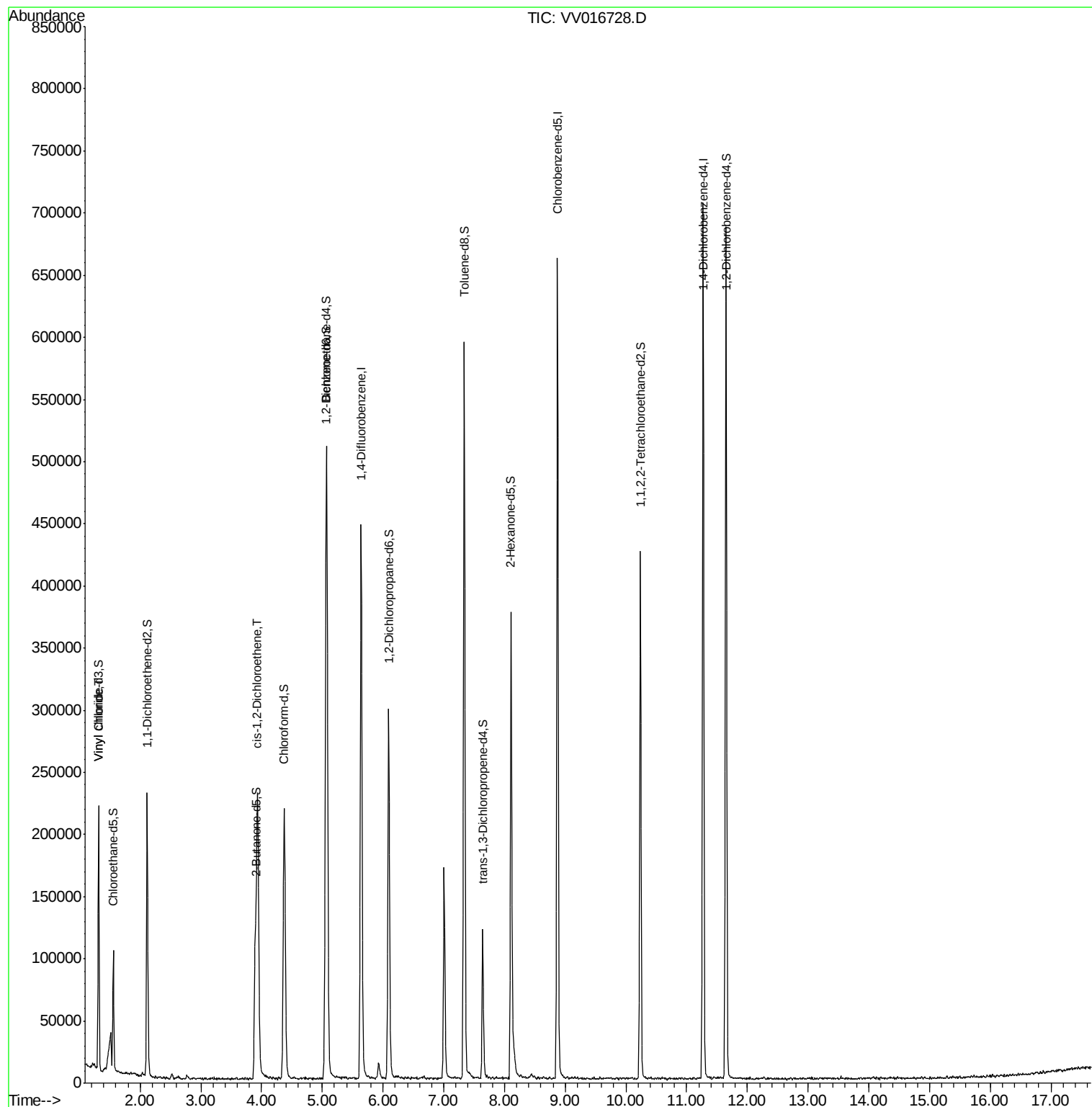
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV060920\  
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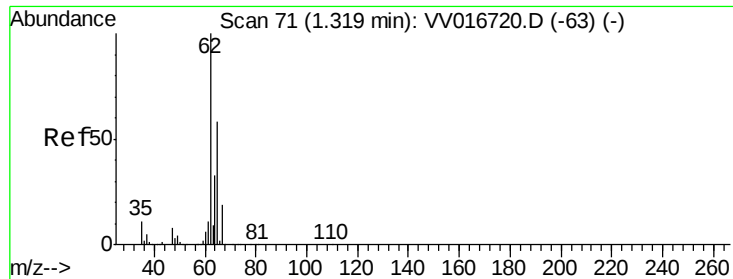
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QLast Update : Wed Jun 10 03:42:58 2020  
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 17.946 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016728.D

Acq: 09 Jun 2020 19:36

Instrument :

MSVOA\_V

ClientSampled :

ETTR3DL

Tot Ion: 62 Resp: 46932

Ion Ratio Lower Upper

62 100

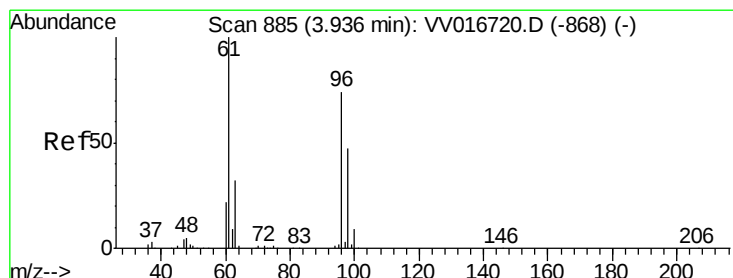
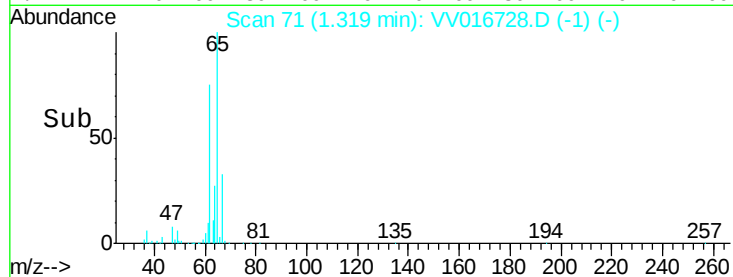
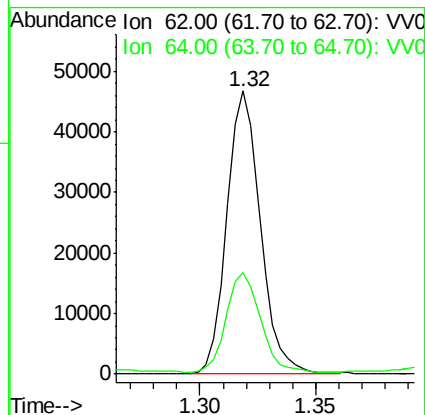
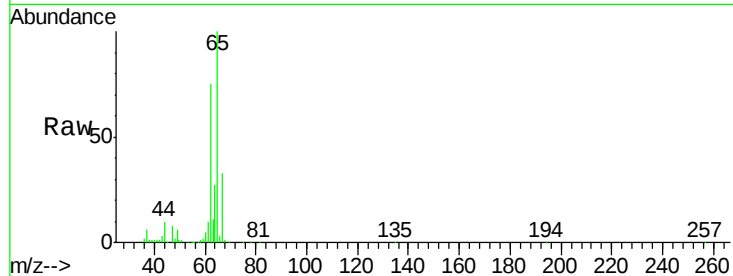
64 35.9 22.3 41.5

Manual Integrations

APPROVED

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#20

cis-1,2-Dichloroethene

Concen: 43.823 ug/L m

RT: 3.94 min Scan# 885

Delta R.T. -0.00 min

Lab File: VV016728.D

Acq: 09 Jun 2020 19:36

Tgt Ion: 96 Resp: 118588

Ion Ratio Lower Upper

96 100

61 130.7 93.4 173.4

68 0.2 0.0 0.0#

