

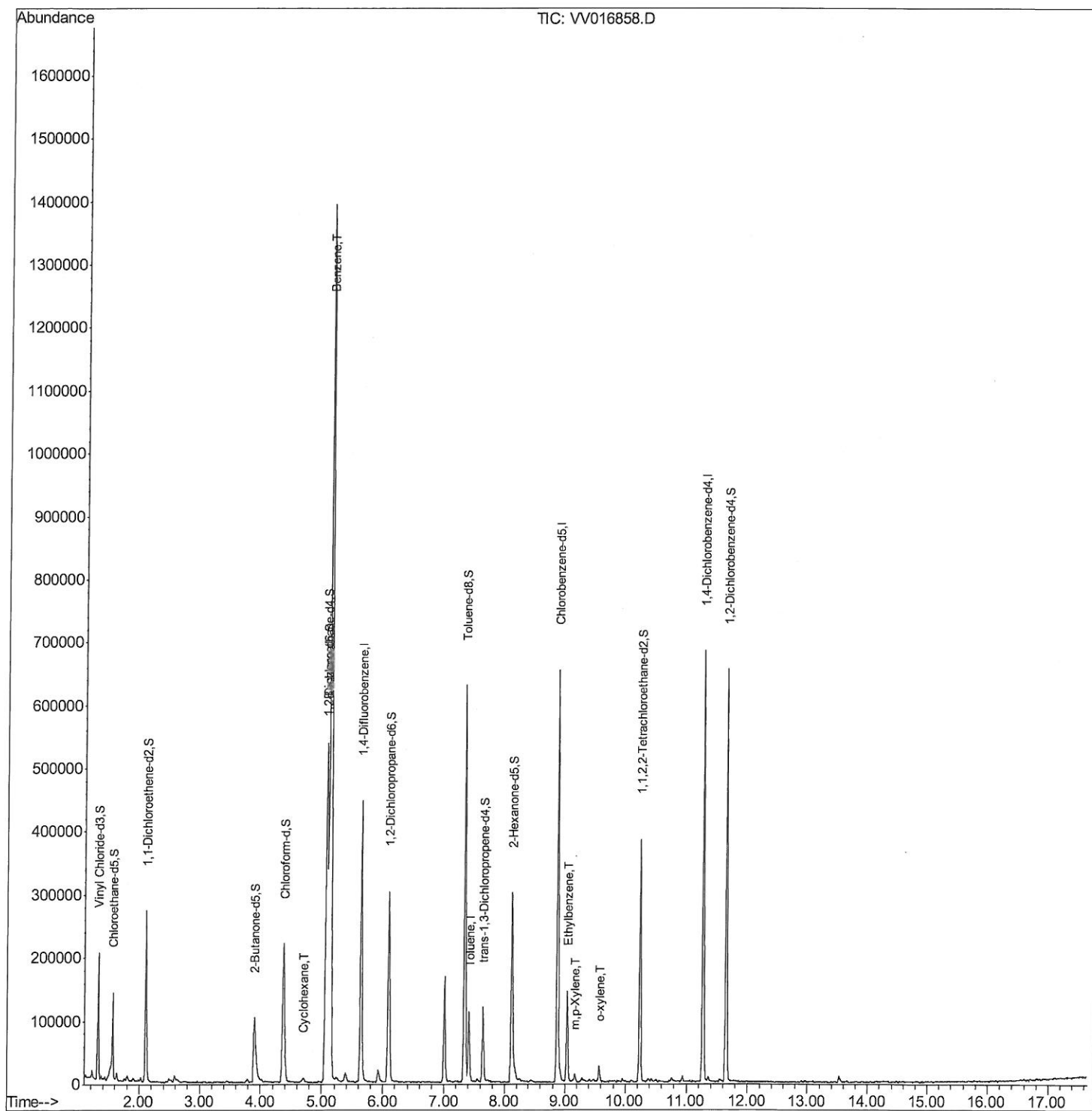
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061120\  
Data File : VV016858.D  
Acq On : 12 Jun 2020 03:56  
Operator : SY/MD  
Sample : L2915-17DL 250X  
Misc : 5.0mL/MSVOA V/WATER  
ALS Vial : 49 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
F9E50DL

Quant Time: Jun 12 07:58:10 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060820WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Jun 12 05:55:11 2020  
Response via : Initial Calibration

Manual Integrations  
APPROVED

MMDadoda  
6/12/2020 3:36:36 PM



# Quantitation Report (Qedit)

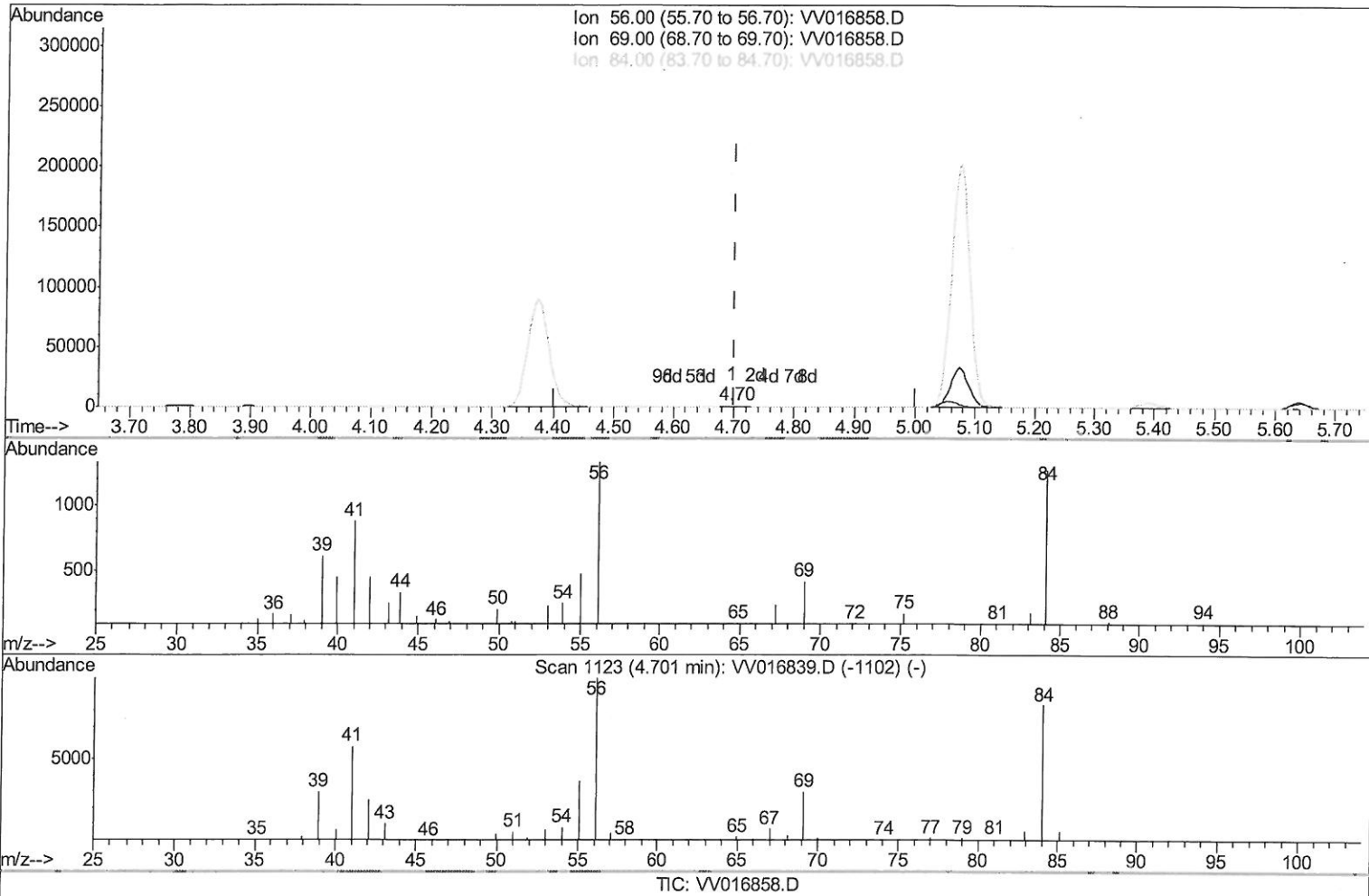
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(29) Cyclohexane (T)

4.698min (-0.003) 0.30ug/L

response 1232

| Ion   | Exp%  | Act%    |
|-------|-------|---------|
| 56.00 | 100   | 100     |
| 69.00 | 31.20 | 61.20#  |
| 84.00 | 86.90 | 140.50# |
| 0.00  | 0.00  | 0.00    |

# Quantitation Report (Qedit)

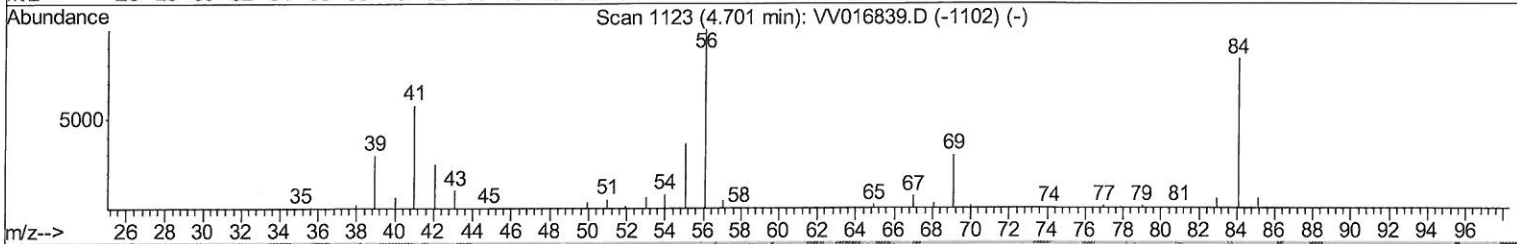
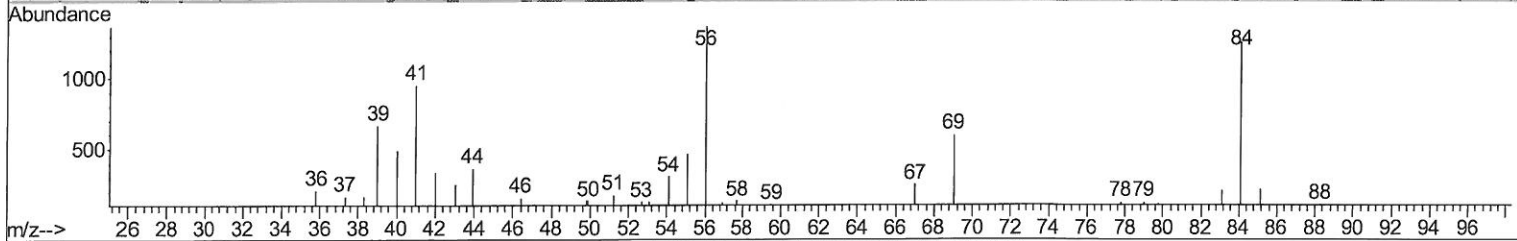
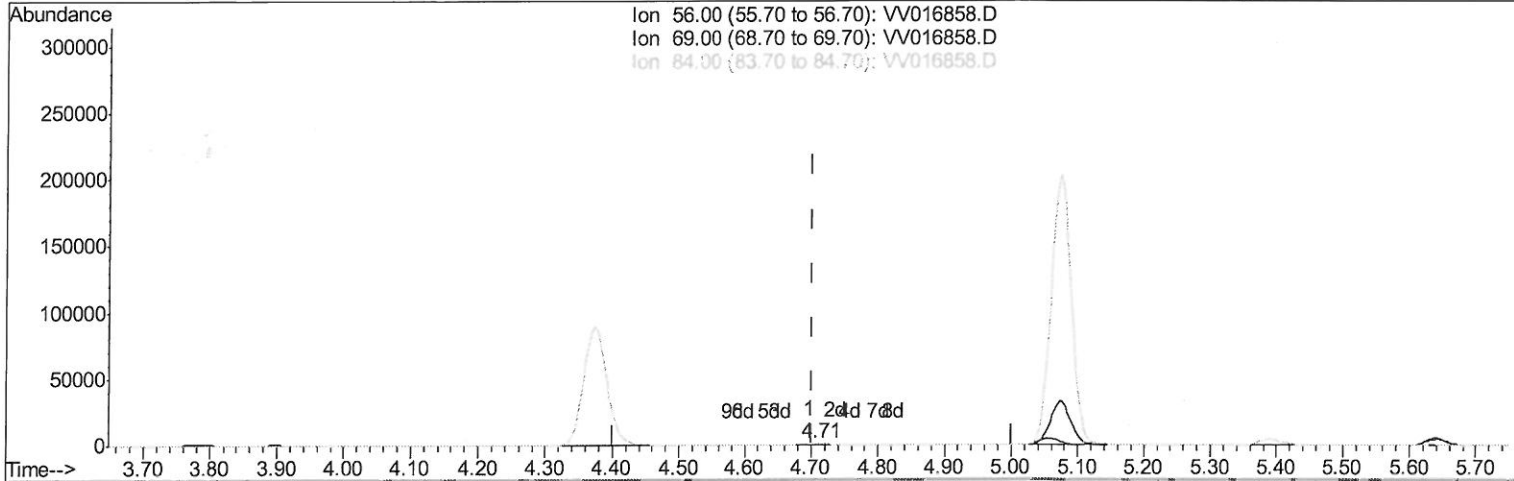
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 Data File : VV016858.D  
 Acq On : 12 Jun 2020 03:56  
 Operator : SY/MD  
 Sample : L2915-17DL 250X  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F9E50DL

Quant Time: Jun 12 07:57:00 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jun 12 05:55:11 2020  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

MMDadoda  
 6/12/2020 3:36:36 PM



TIC: VV016858.D

(29) Cyclohexane (T)

4.708min (+0.007) 0.81ug/L m

response 3357

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 56.00 | 100   | 100    |
| 69.00 | 31.20 | 22.46# |
| 84.00 | 86.90 | 51.56# |
| 0.00  | 0.00  | 0.00   |

*MD*  
 06/15/20

## Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061120\  
 Data File : VV016858.D  
 Acq On : 12 Jun 2020 03:56  
 Operator : SY/MD  
 Sample : L2915-17DL 250X  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F9E50DL

Quant Time: Jun 12 07:58:10 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jun 12 05:55:11 2020  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

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| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 357612   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 334990   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 161922   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |                |     |            |        |      |      |
|--------------------------------|----------------|-----|------------|--------|------|------|
| 4) Vinyl Chloride-d3           | 1.31           | 65  | 107302     | 42.52  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 60 - 135 |     | Recovery = | 85.04% |      |      |
| 7) Chloroethane-d5             | 1.56           | 69  | 60026      | 39.64  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 130 |     | Recovery = | 79.28% |      |      |
| 11) 1,1-Dichloroethene-d2      | 2.12           | 63  | 140772     | 33.22  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 60 - 125 |     | Recovery = | 66.44% |      |      |
| 21) 2-Butanone-d5              | 3.90           | 46  | 163908     | 87.76  | ug/L | 0.00 |
| Spiked Amount 100.000          | Range 40 - 130 |     | Recovery = | 87.76% |      |      |
| 24) Chloroform-d               | 4.37           | 84  | 219544     | 42.79  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 125 |     | Recovery = | 85.58% |      |      |
| 26) 1,2-Dichloroethane-d4      | 5.05           | 65  | 160439     | 45.97  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 125 |     | Recovery = | 91.94% |      |      |
| 32) Benzene-d6                 | 5.07           | 84  | 430790     | 44.61  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 125 |     | Recovery = | 89.22% |      |      |
| 36) 1,2-Dichloropropane-d6     | 6.09           | 67  | 131124     | 43.56  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 120 |     | Recovery = | 87.12% |      |      |
| 41) Toluene-d8                 | 7.34           | 98  | 390172     | 44.03  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 80 - 120 |     | Recovery = | 88.06% |      |      |
| 43) trans-1,3-Dichloropropene- | 7.64           | 79  | 63313      | 40.39  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 60 - 125 |     | Recovery = | 80.78% |      |      |
| 47) 2-Hexanone-d5              | 8.11           | 63  | 98624      | 75.15  | ug/L | 0.00 |
| Spiked Amount 100.000          | Range 45 - 130 |     | Recovery = | 75.15% |      |      |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24          | 84  | 166908     | 41.89  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 65 - 120 |     | Recovery = | 83.78% |      |      |
| 64) 1,2-Dichlorobenzene-d4     | 11.65          | 152 | 158801     | 45.96  | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 80 - 120 |     | Recovery = | 91.92% |      |      |

## Target Compounds

|                  |      |     |         |         | Ovalue |
|------------------|------|-----|---------|---------|--------|
| 29) Cyclohexane  | 4.71 | 56  | 3357m   | 0.806   | ug/L   |
| 33) Benzene      | 5.12 | 78  | 1330884 | 134.278 | ug/L   |
| 42) Toluene      | 7.41 | 91  | 78267   | 7.491   | ug/L   |
| 52) Ethylbenzene | 9.04 | 91  | 97346   | 8.411   | ug/L   |
| 53) m,p-Xylene   | 9.16 | 106 | 2844    | 0.660   | ug/L   |
| 54) o-xylene     | 9.57 | 106 | 6805    | 1.601   | ug/L   |

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