

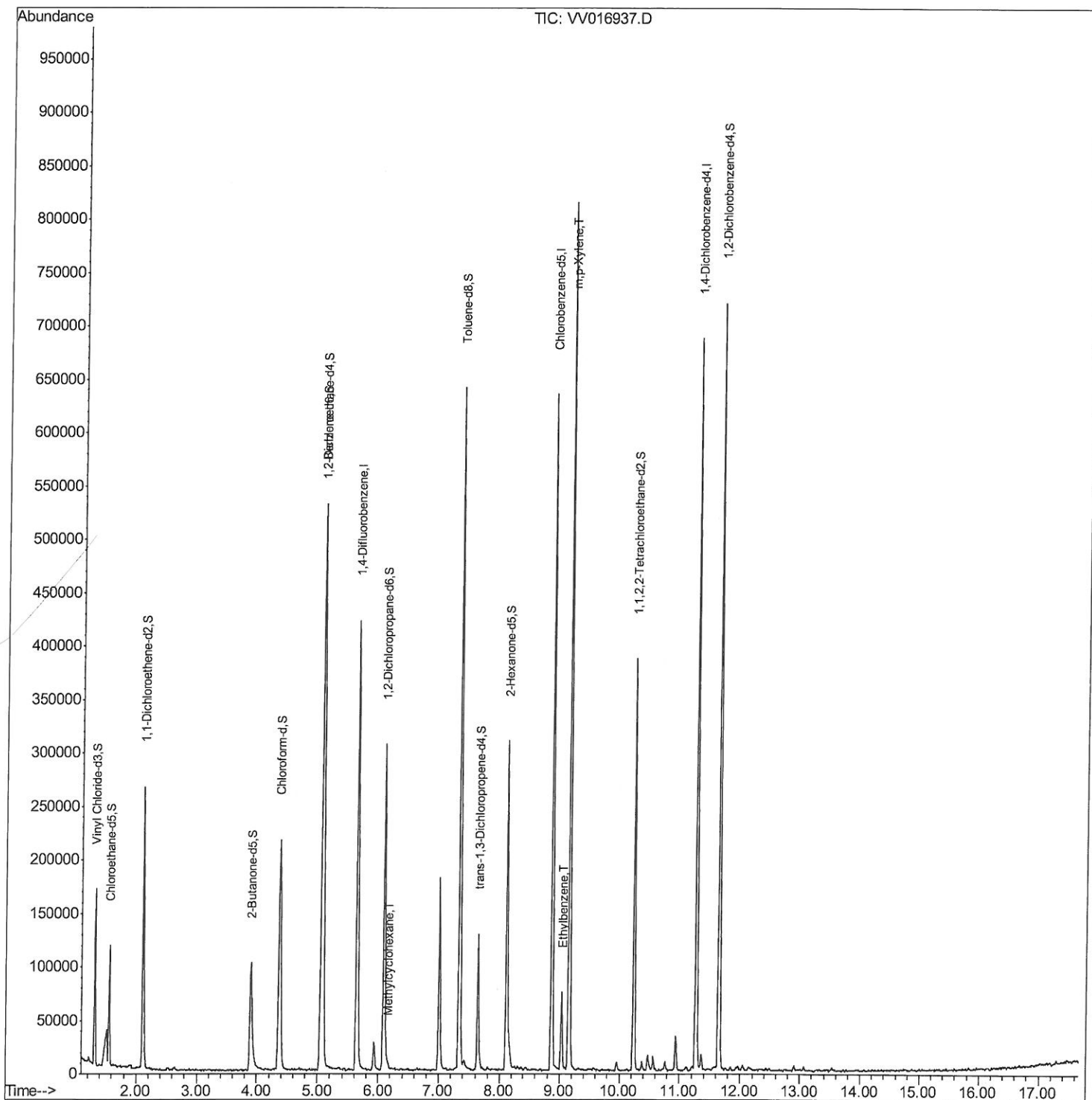
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061520\  
Data File : VV016937.D  
Acq On : 15 Jun 2020 15:29  
Operator : SY/MD  
Sample : L2990-09DL 100X  
Misc : 5.0mL/MSVOA V/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
E3YG5DL

Manual Integrations  
APPROVED

sam  
6/16/2020 2:22:33 PM

Quant Time: Jun 16 07:59:08 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060820WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Jun 16 05:46:50 2020  
Response via : Initial Calibration



# Quantitation Report (Qedit)

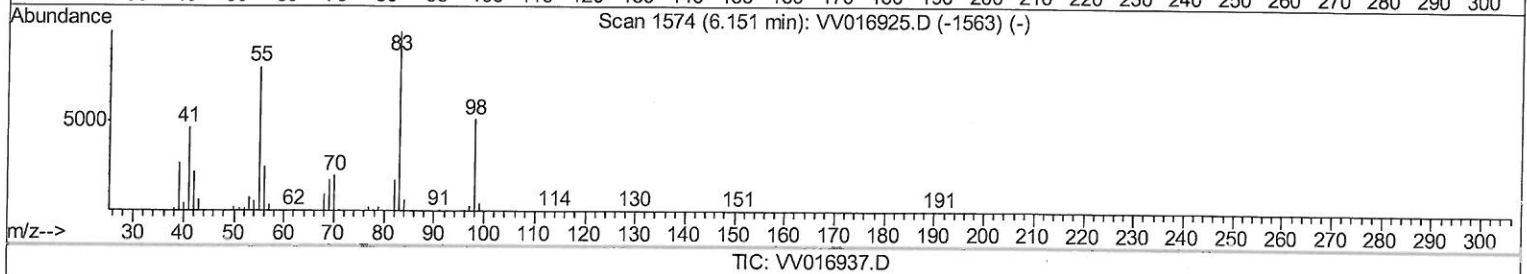
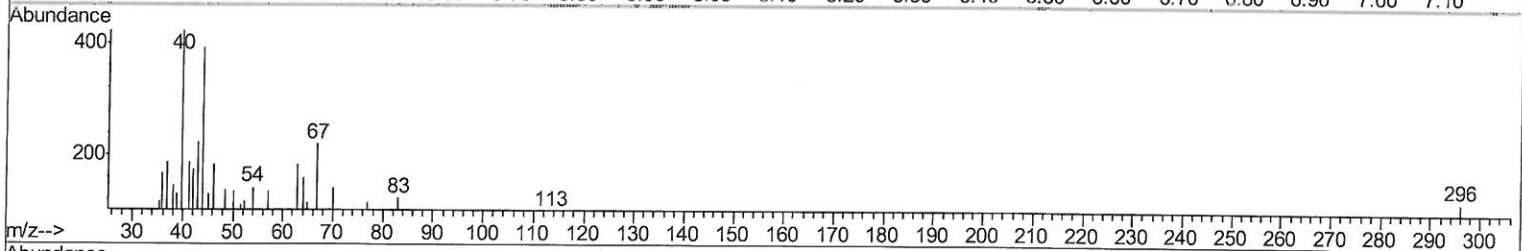
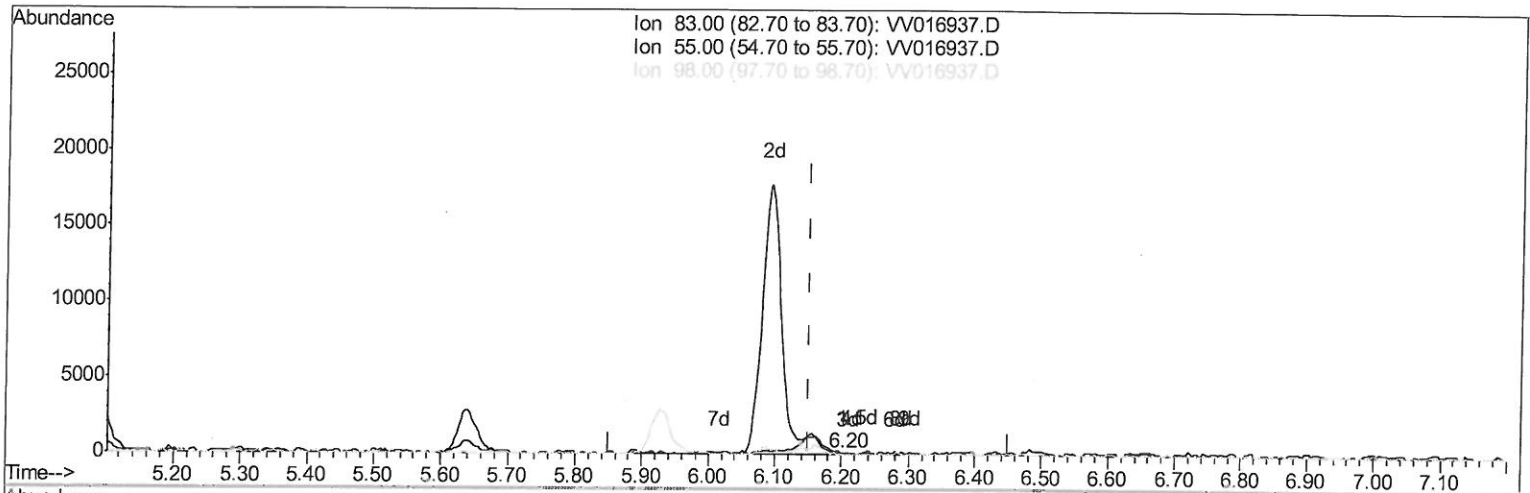
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Manual Integrations  
 APPROVED

Sam  
 6/16/2020 2:22:33 PM

Quant Time: Jun 16 05:50:42 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jun 16 05:46:50 2020  
 Response via : Initial Calibration



(35) Methylcyclohexane (T)

6.203min (+0.051) 0.01ug/L

response 45

| Ion   | Exp%  | Act%    |
|-------|-------|---------|
| 83.00 | 100   | 100     |
| 55.00 | 80.20 | 200.00# |
| 98.00 | 50.40 | 106.67# |
| 0.00  | 0.00  | 0.00    |

## Quantitation Report (Qedit)

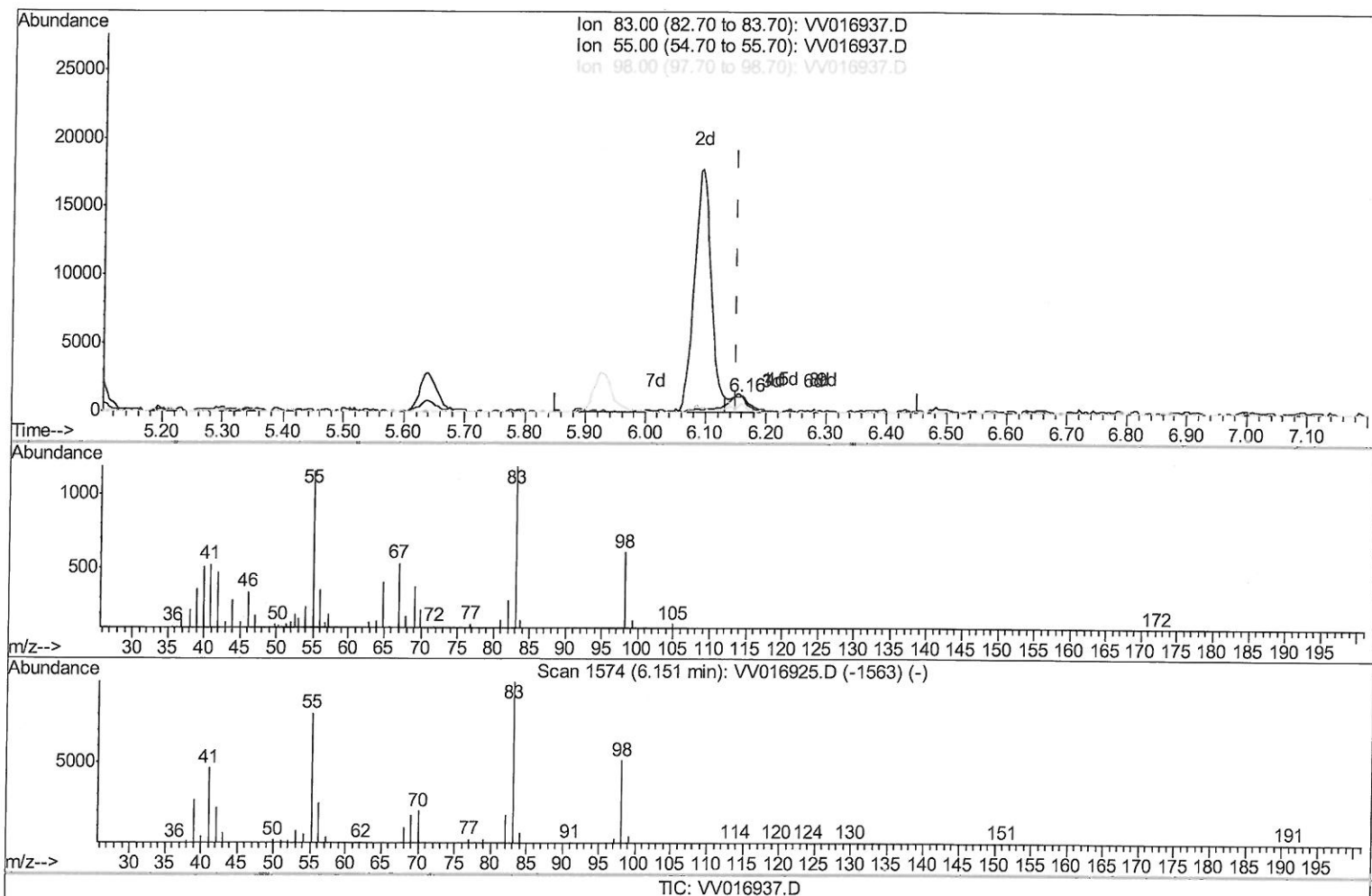
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061520\  
Data File : VV016937.D  
Acq On : 15 Jun 2020 15:29  
Operator : SY/MD  
Sample : L2990-09DL 100X  
Misc : 5.0mL/MSVOA V/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
E3YG5DL

Manual Integrations  
APPROVED

sam  
6/16/2020 2:22:33 PM

Quant Time: Jun 16 05:50:42 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060820WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Jun 16 05:46:50 2020  
Response via : Initial Calibration



(35) Methylcyclohexane (T)

6.161min (+0.009) 0.71ug/L m

response 2903

Ion Exp% Act%

83.00 100 100

55.00 80.20 3.10#

98.00 50.40 1.65#

0.00 0.00 0.00

7 MD  
06/16/20

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061520\  
 Data File : VV016937.D  
 Acq On : 15 Jun 2020 15:29  
 Operator : SY/MD  
 Sample : L2990-09DL 100X  
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Manual Integrations  
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sam  
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Quant Time: Jun 16 07:59:08 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060820WMA.M  
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| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev (Min) |
|----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 344059   | 50.00 | ug/L  | 0.00      |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 328183   | 50.00 | ug/L  | 0.00      |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 167507   | 50.00 | ug/L  | 0.00      |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 95922    | 39.51    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 79.02% |
| 7) Chloroethane-d5             | 1.56    | 69    | 70088    | 48.11    | ug/L | -0.02  |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 96.22% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 135926   | 33.34    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 66.68% |
| 21) 2-Butanone-d5              | 3.90    | 46    | 161307   | 89.77    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 89.77% |
| 24) Chloroform-d               | 4.37    | 84    | 219351   | 44.43    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.86% |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 159885   | 47.62    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.24% |
| 32) Benzene-d6                 | 5.07    | 84    | 434183   | 45.90    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.80% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 137047   | 46.47    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 92.94% |
| 41) Toluene-d8                 | 7.34    | 98    | 401903   | 46.30    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.60% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 66231    | 43.12    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 86.24% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 98633    | 76.72    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 76.72% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 168143   | 43.07    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 86.14% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 175591   | 49.12    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.24% |

## Target Compounds

|                       |      |     |        |        | Ovalue |    |
|-----------------------|------|-----|--------|--------|--------|----|
| 35) Methylcyclohexane | 6.16 | 83  | 2903m  | 0.711  | ug/L   |    |
| 52) Ethylbenzene      | 9.04 | 91  | 49097  | 4.330  | ug/L   | 99 |
| 53) m,p-Xylene        | 9.16 | 106 | 215113 | 50.957 | ug/L   | 98 |

> MD  
 06/16/20

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