

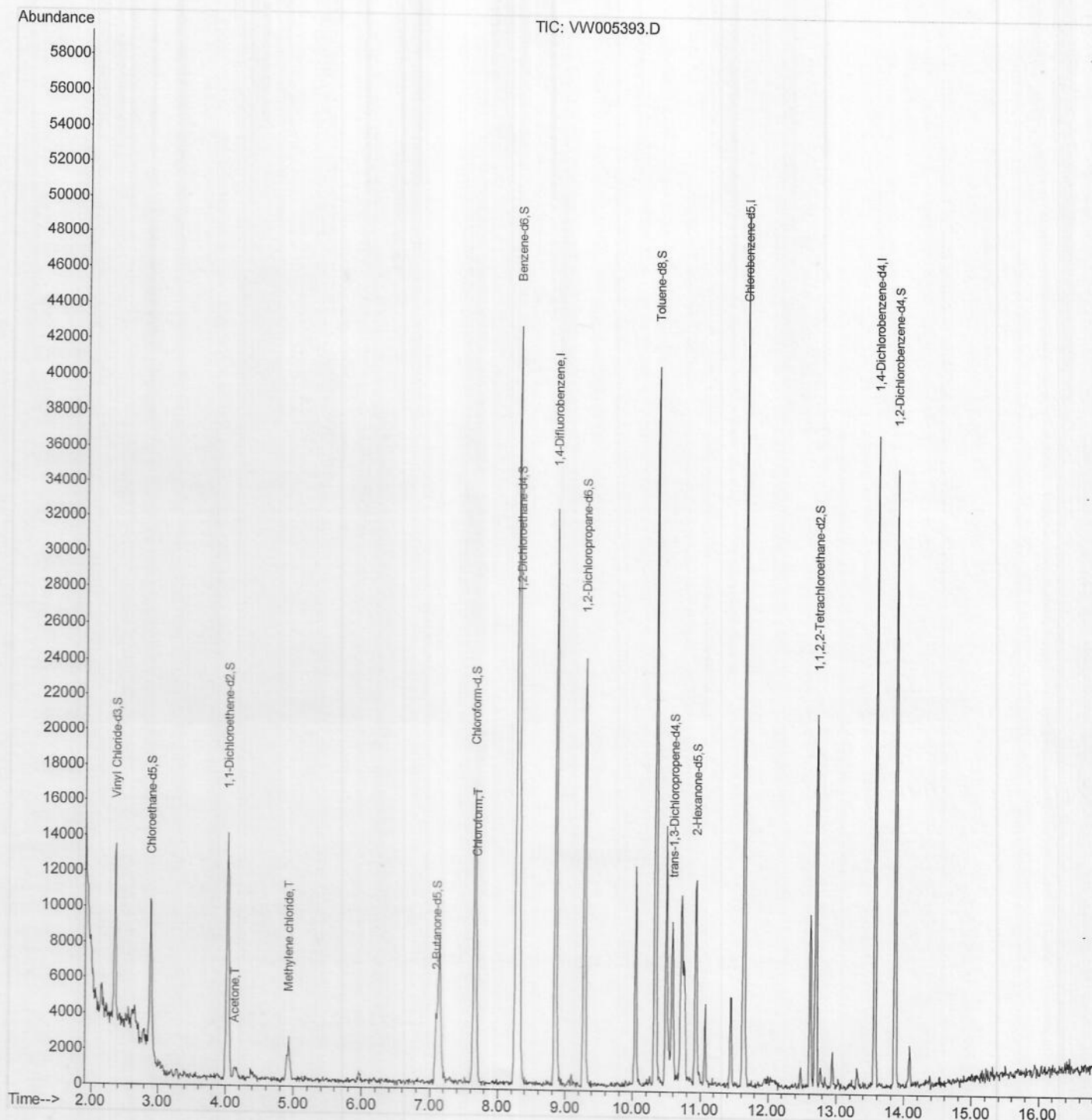
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW091518\  
Quantitation Report (QT Reviewed)  
Data File : VW005393.D  
Acq On : 14 Sep 2018 17:46  
Operator : SY/AP  
Sample : J4865-09RE  
Misc : 5.12G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
Client Sampled :  
DB3N7RE

Manual Integrations  
APPROVED

MMDadoda  
9/17/2018 5:39:56 PM

Quant Time: Sep 14 23:58:54 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM091318S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Sep 14 23:16:09 2018  
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW091518\  
Quantitation Report (Qedit)

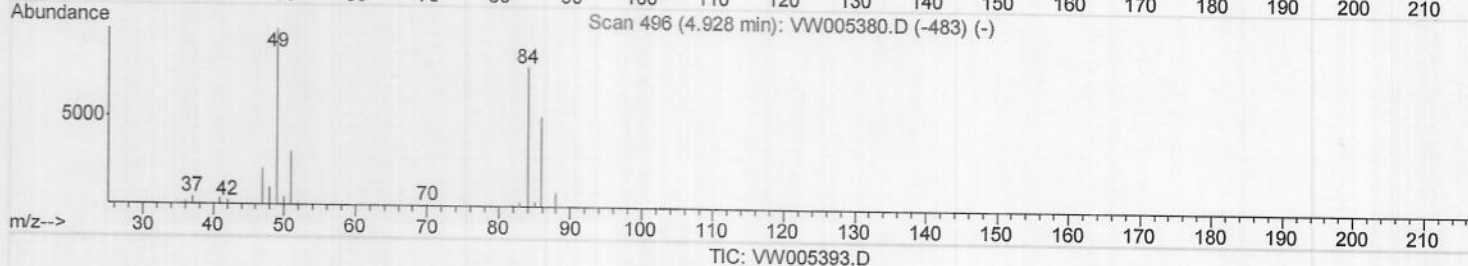
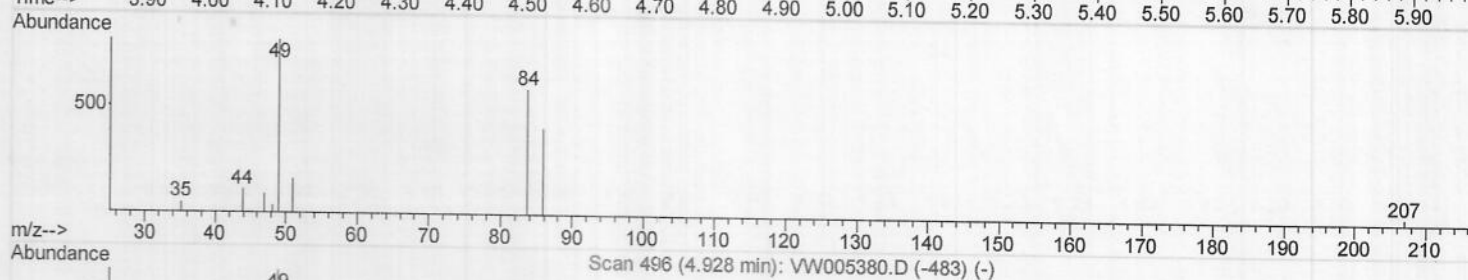
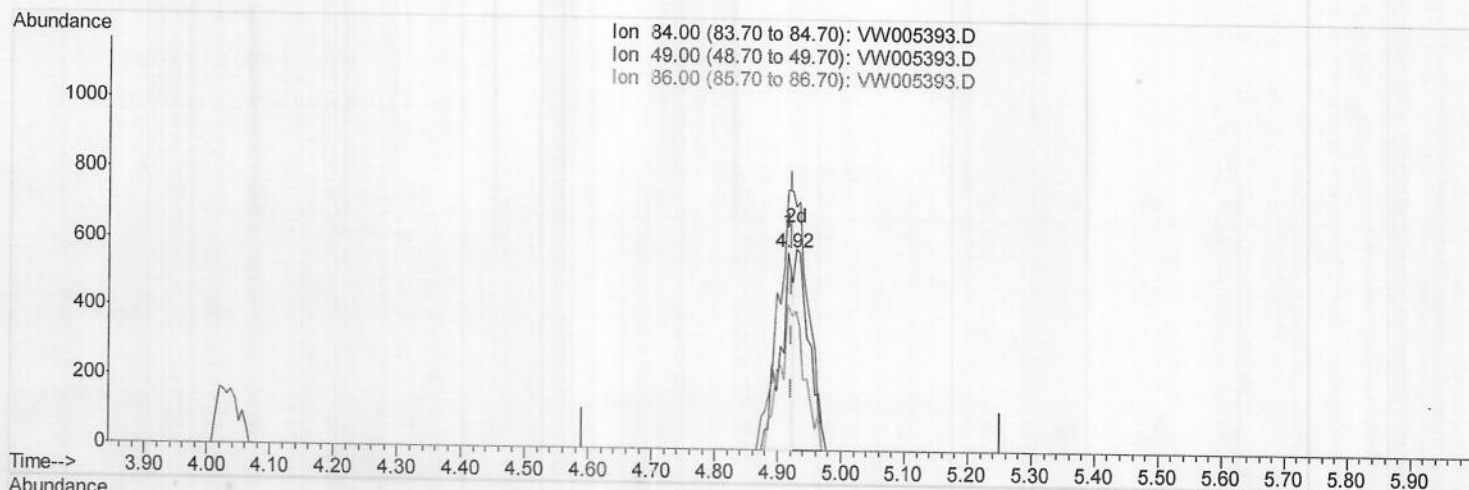
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Manual Integrations  
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Quant Time: Sep 14 23:17:51 2018  
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Quant Title : VOC Analysis  
QLast Update : Fri Sep 14 23:16:09 2018  
Response via : Initial Calibration



(16) Methylene chloride (T)

4.915min (-0.006) 1.52ug/L

response 789

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100    | 100    |
| 49.00 | 129.80 | 131.47 |
| 86.00 | 62.30  | 73.78  |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW091518\  
Quantitation Report (Qedit)

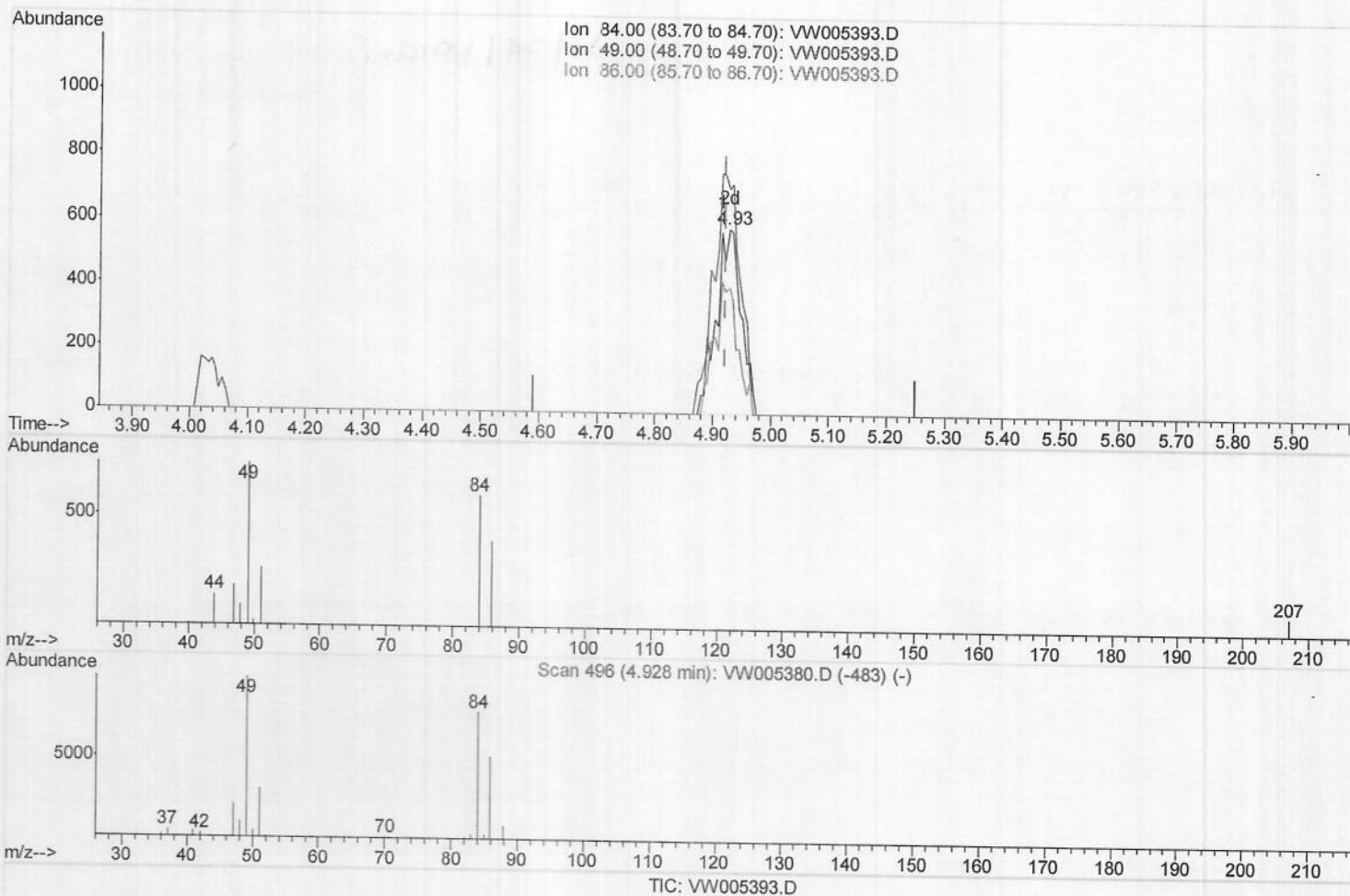
Data File : VW005393.D  
Acq On : 14 Sep 2018 17:46  
Operator : SY/AP  
Sample : J4865-09RE  
Misc : 5.12G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DB3N7RE

Manual Integrations  
APPROVED

MMDadoda  
9/17/2018 5:39:56 PM

Quant Time: Sep 14 23:17:51 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM091318S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Sep 14 23:16:09 2018  
Response via : Initial Calibration



(16) Methylene chloride (T)

4.928min (+0.006) 3.37ug/L m

response 1745

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100    | 100    |
| 49.00 | 129.80 | 120.93 |
| 86.00 | 62.30  | 68.44  |
| 0.00  | 0.00   | 0.00   |

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Quantitation Report (QT Reviewed)

Data File : VW005393.D  
Acq On : 14 Sep 2018 17:46  
Operator : SY/AP  
Sample : J4865-09RE  
Misc : 5.12G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
Client Sampled :  
DB3N7RE

Manual Integrations  
APPROVED

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Quant Time: Sep 14 23:58:54 2018  
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Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 27301    | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 27222    | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 9780     | 25.00 | ug/L  | 0.00     |

System Monitoring Compounds

|                                |                |     |            |          |      |      |
|--------------------------------|----------------|-----|------------|----------|------|------|
| 4) Vinyl Chloride-d3           | 2.35           | 65  | 8718       | 27.67    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 150 |     | Recovery = | 110.68%  |      |      |
| 7) Chloroethane-d5             | 2.89           | 69  | 7419       | 33.30    | ug/L | 0.01 |
| Spiked Amount 25.000           | Range 30 - 150 |     | Recovery = | 133.20%  |      |      |
| 10) 1,1-Dichloroethene-d2      | 4.03           | 63  | 13234      | 23.52    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 45 - 110 |     | Recovery = | 94.08%   |      |      |
| 20) 2-Butanone-d5              | 7.09           | 46  | 6421       | 54.11    | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 20 - 135 |     | Recovery = | 108.22%  |      |      |
| 24) Chloroform-d               | 7.66           | 84  | 16110      | 31.64    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 40 - 150 |     | Recovery = | 126.56%  |      |      |
| 26) 1,2-Dichloroethane-d4      | 8.31           | 65  | 12262      | 37.65    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 70 - 130 |     | Recovery = | 150.60%# |      |      |
| 29) Benzene-d6                 | 8.28           | 84  | 33592      | 30.74    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 20 - 135 |     | Recovery = | 122.96%  |      |      |
| 33) 1,2-Dichloropropane-d6     | 9.28           | 67  | 10804      | 34.63    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 70 - 120 |     | Recovery = | 138.52%# |      |      |
| 37) Toluene-d8                 | 10.33          | 98  | 28897      | 26.10    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 130 |     | Recovery = | 104.40%  |      |      |
| 38) trans-1,3-Dichloropropene- | 10.59          | 79  | 4759       | 30.49    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 135 |     | Recovery = | 121.96%  |      |      |
| 39) 2-Hexanone-d5              | 10.93          | 63  | 3418       | 35.19    | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 20 - 135 |     | Recovery = | 70.38%   |      |      |
| 48) 1,1,2,2-Tetrachloroethane- | 12.70          | 84  | 9869       | 30.25    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 45 - 120 |     | Recovery = | 121.00%# |      |      |
| 61) 1,2-Dichlorobenzene-d4     | 13.87          | 152 | 8831       | 30.09    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 75 - 120 |     | Recovery = | 120.36%# |      |      |

Target Compounds

|                        |      |    |        |        |      |    |
|------------------------|------|----|--------|--------|------|----|
| 13) Acetone            | 4.14 | 43 | 1349   | 12.107 | ug/L | 59 |
| 16) Methylene chloride | 4.93 | 84 | 1745m) | 3.366  | ug/L |    |
| 25) Chloroform         | 7.68 | 83 | 2744   | 4.304  | ug/L | 88 |

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

MD 9/25/18