

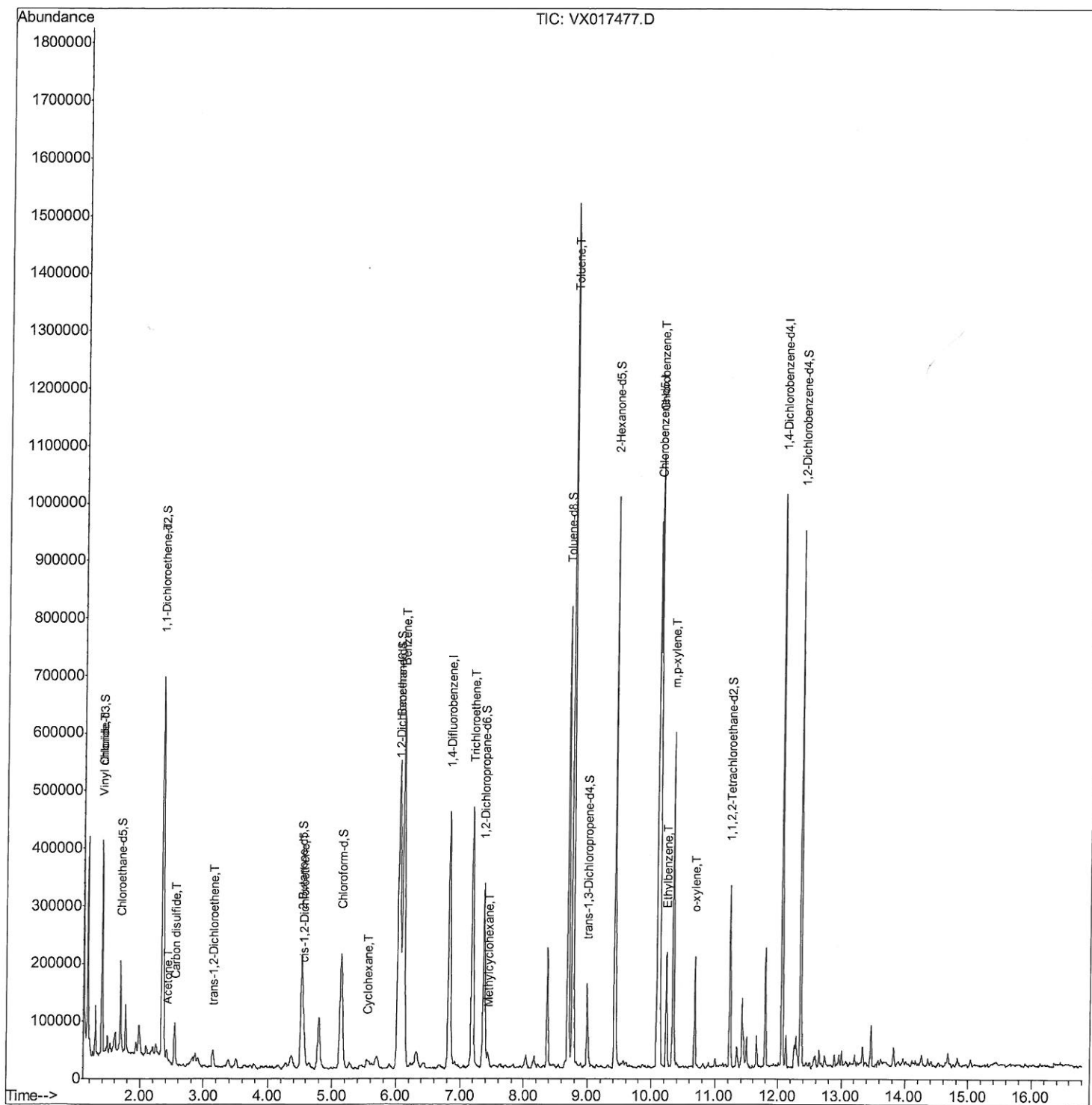
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\  
Data File : VX017477.D  
Acq On : 22 Jul 2020 19:55  
Operator : JC/SP  
Sample : L3395-09MS  
Misc : 25.0mL/MSVOA X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
GAY18MS

Manual Integrations  
APPROVED

MMDadoda  
7/24/2020 8:36:29 AM

Quant Time: Jul 23 05:03:40 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SOMXTR072120WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Thu Jul 23 02:59:48 2020  
Response via : Initial Calibration



# Quantitation Report (Qedit)

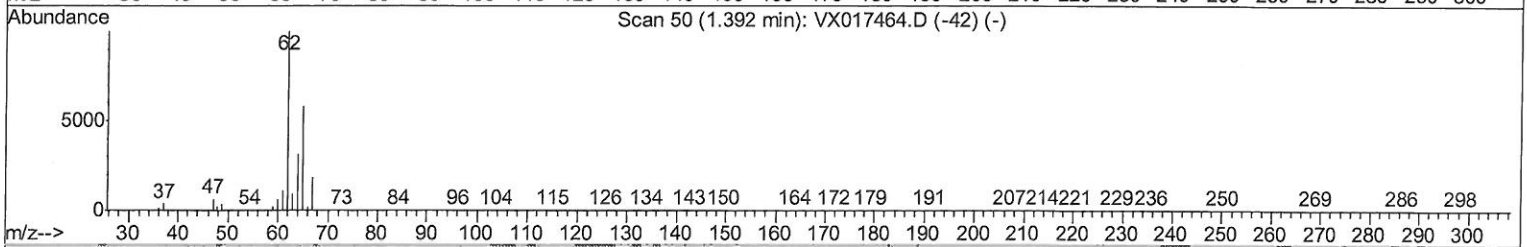
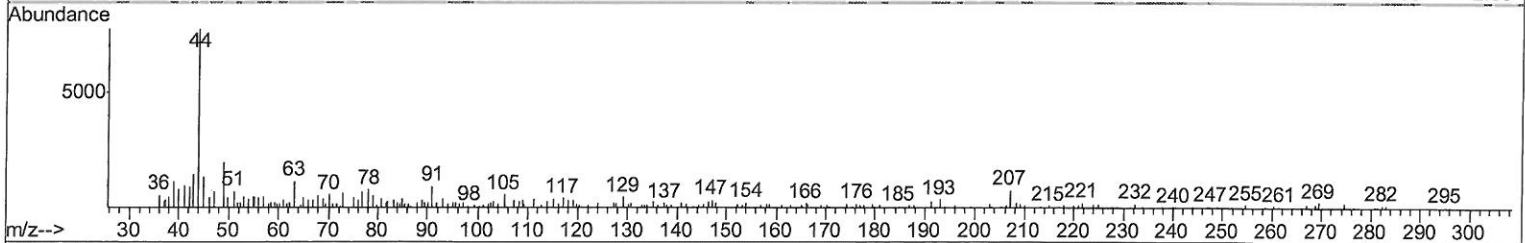
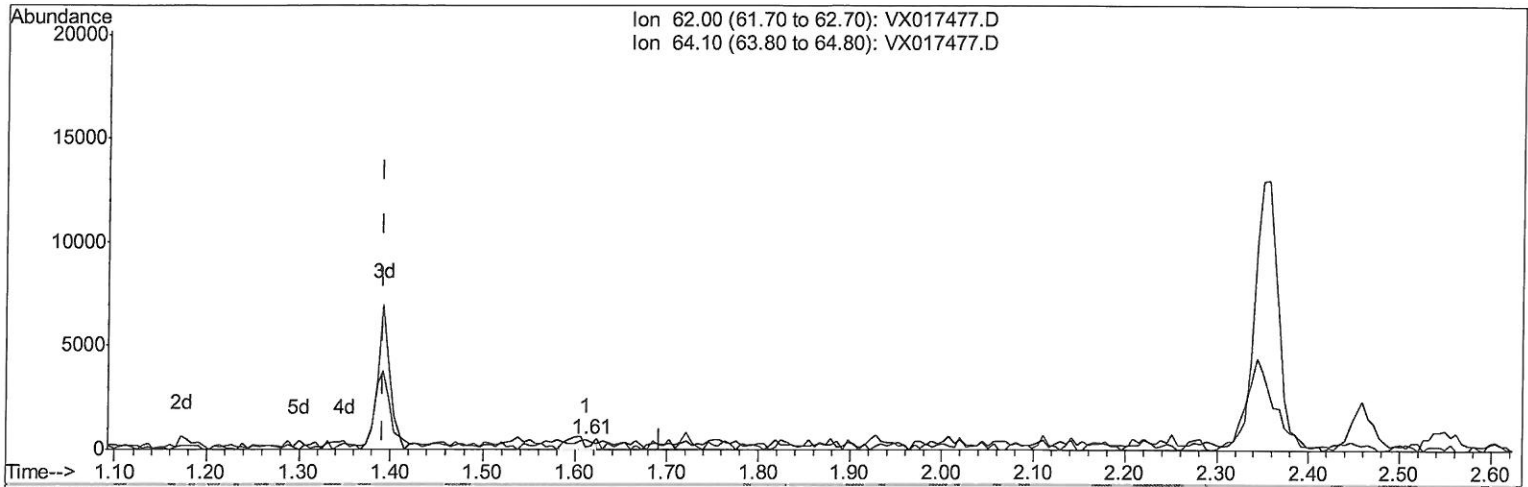
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TIC: VX017477.D

(5) Vinyl chloride (T)

1.611min (+0.219) 0.02ug/L

response 923

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 62.00 | 100   | 100   |
| 64.10 | 33.20 | 29.98 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

# Quantitation Report (Qedit)

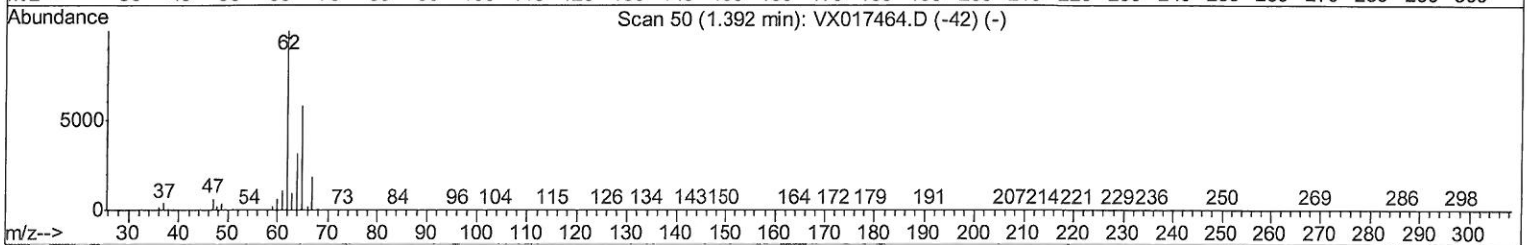
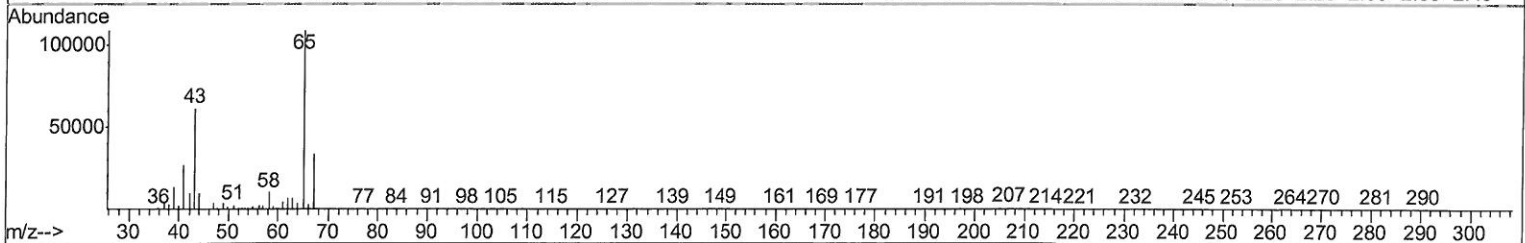
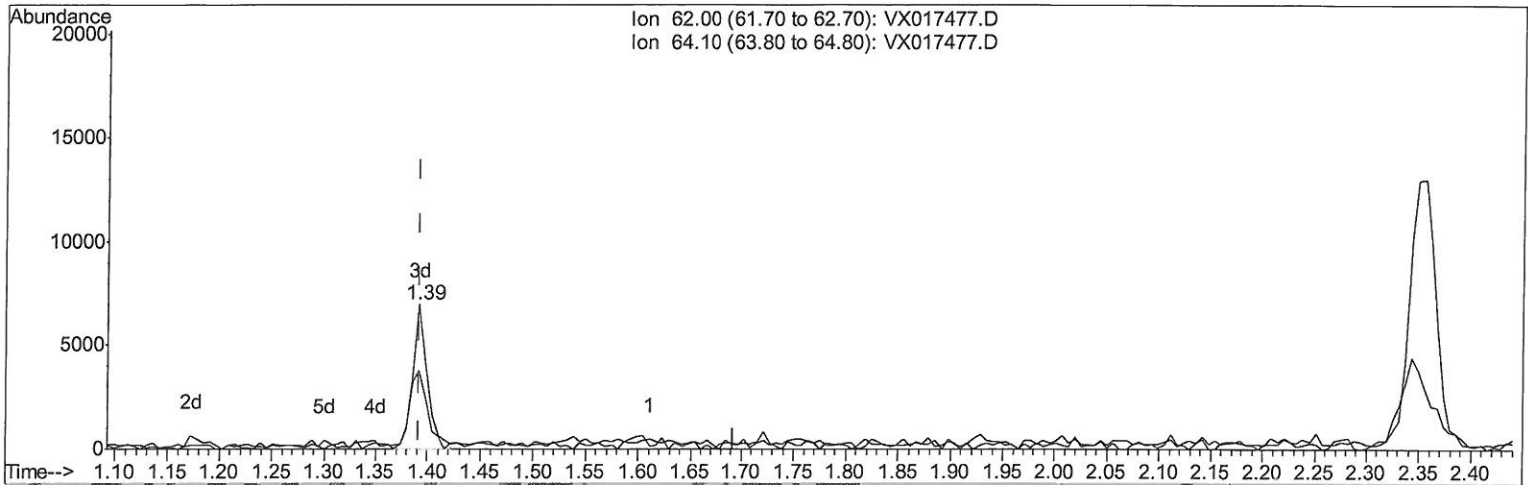
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TIC: VX017477.D

(5) Vinyl chloride (T)

1.392min (-0.000) 0.15ug/L m

response 6781

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 62.00 | 100   | 100    |
| 64.10 | 33.20 | 54.27# |
| 0.00  | 0.00  | 0.00   |
| 0.00  | 0.00  | 0.00   |

*Handwritten:* 7 MD  
 7/31/20

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| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.83  | 114  | 450066   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 10.10 | 117  | 414226   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 201260   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39   | 65    | 139893   | 3.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 79.80%  |
| 7) Chloroethane-d5             | 1.69   | 69    | 108937   | 4.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 90.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.34   | 63    | 286476   | 4.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 85.40%  |
| 20) 2-Butanone-d5              | 4.53   | 46    | 343727   | 52.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 105.12% |
| 24) Chloroform-d               | 5.14   | 84    | 259541   | 4.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.80%  |
| 26) 1,2-Dichloroethane-d4      | 6.03   | 65    | 145662   | 4.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 87.00%  |
| 32) Benzene-d6                 | 6.05   | 84    | 524979   | 5.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 103.40% |
| 36) 1,2-Dichloropropane-d6     | 7.37   | 67    | 163980   | 5.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 109.80% |
| 41) Toluene-d8                 | 8.70   | 98    | 465132   | 4.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.80%  |
| 45) trans-1,3-Dichloropropene- | 8.99   | 79    | 68438    | 5.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 104.40% |
| 48) 2-Hexanone-d5              | 9.43   | 63    | 274215   | 58.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 117.96% |
| 59) 1,1,2,2-Tetrachloroethane- | 11.23  | 84    | 118171   | 5.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 101.40% |
| 65) 1,2-Dichlorobenzene-d4     | 12.36  | 152   | 182916   | 5.37     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 107.40% |

## Target Compounds

|                              |       |     |        | Ovalue     |      |
|------------------------------|-------|-----|--------|------------|------|
| 5) Vinyl chloride            | 1.39  | 62  | 6781m  | 0.154 ug/L | 96   |
| 12) 1,1-Dichloroethene       | 2.35  | 96  | 142821 | 4.485 ug/L | 96   |
| 13) Acetone                  | 2.42  | 43  | 26326  | 4.989 ug/L | 94   |
| 14) Carbon disulfide         | 2.55  | 76  | 95394  | 0.883 ug/L | 99   |
| 18) trans-1,2-Dichloroethene | 3.14  | 96  | 6322   | 0.186 ug/L | 93   |
| 22) cis-1,2-Dichloroethene   | 4.56  | 96  | 18678  | 0.557 ug/L | 73   |
| 30) Cyclohexane              | 5.54  | 56  | 12410  | 0.276 ug/L | # 23 |
| 33) Benzene                  | 6.11  | 78  | 743468 | 6.095 ug/L | 100  |
| 34) Trichloroethene          | 7.19  | 95  | 178257 | 5.416 ug/L | 98   |
| 35) Methylcyclohexane        | 7.44  | 83  | 9567   | 0.215 ug/L | # 84 |
| 42) Toluene                  | 8.76  | 91  | 968157 | 7.915 ug/L | 98   |
| 53) Chlorobenzene            | 10.12 | 112 | 452656 | 5.439 ug/L | 99   |
| 54) Ethylbenzene             | 10.24 | 91  | 118116 | 0.890 ug/L | 96   |
| 55) m,p-xylene               | 10.34 | 106 | 130554 | 2.465 ug/L | 95   |
| 56) o-xylene                 | 10.68 | 106 | 39924  | 0.777 ug/L | 92   |

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|--------------------|------|------|----------|------|-------|-----------|
|--------------------|------|------|----------|------|-------|-----------|

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