

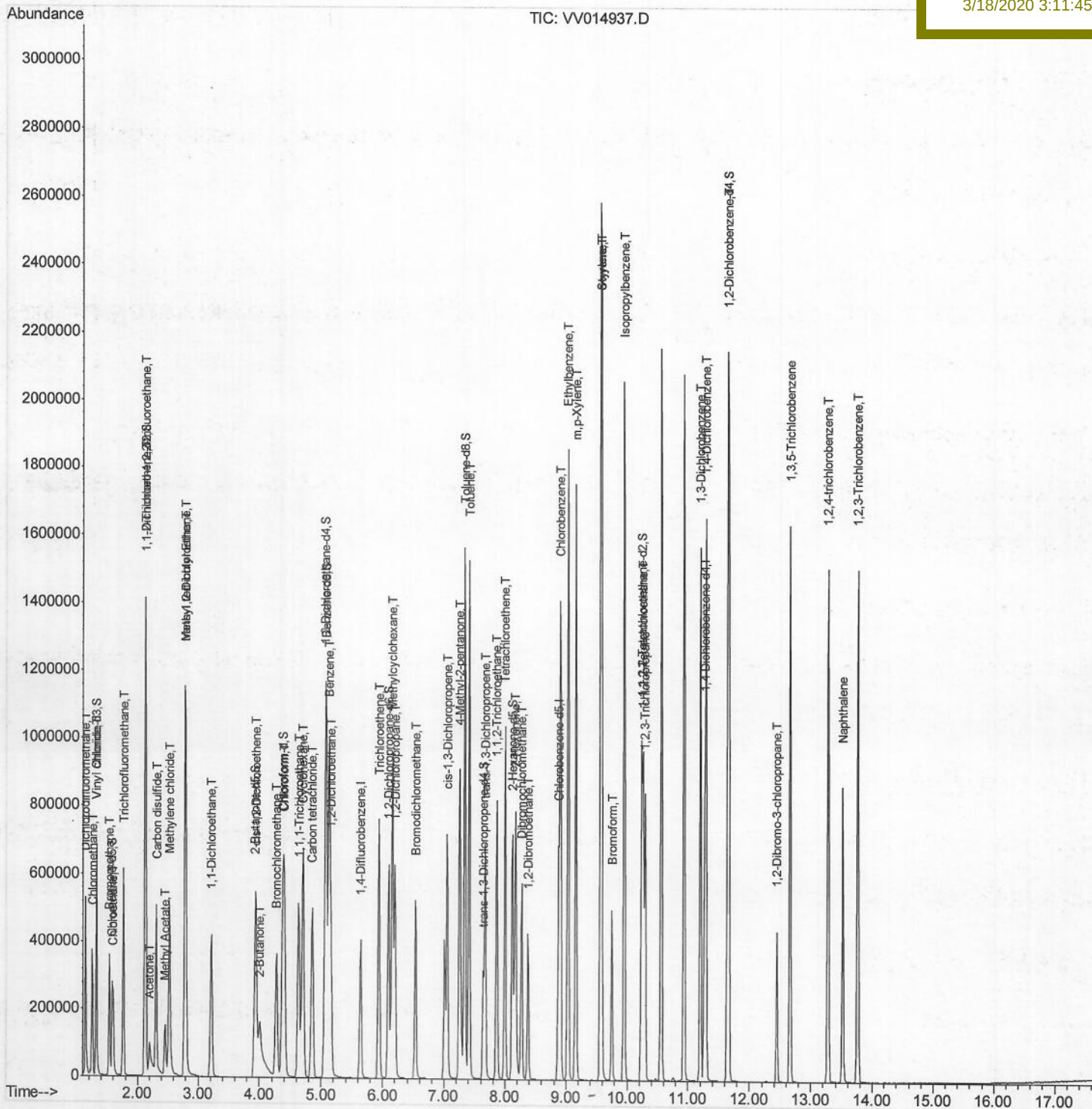
Data File : VV014937.D  
Acq On : 16 Mar 2020 10:54  
Operator : SY/MD  
Sample : VSTD10066  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 18 01:48:12 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM031620WMA.M  
Quant Title : VOC Analysis  
QLast Update : Mon Mar 16 17:11:04 2020  
Response via : Initial Calibration

Instrument :  
MSVOA\_V  
Client Sampled :  
VSTD10066

Manual Integrations  
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031620\  
Quantitation Report (Qedit)

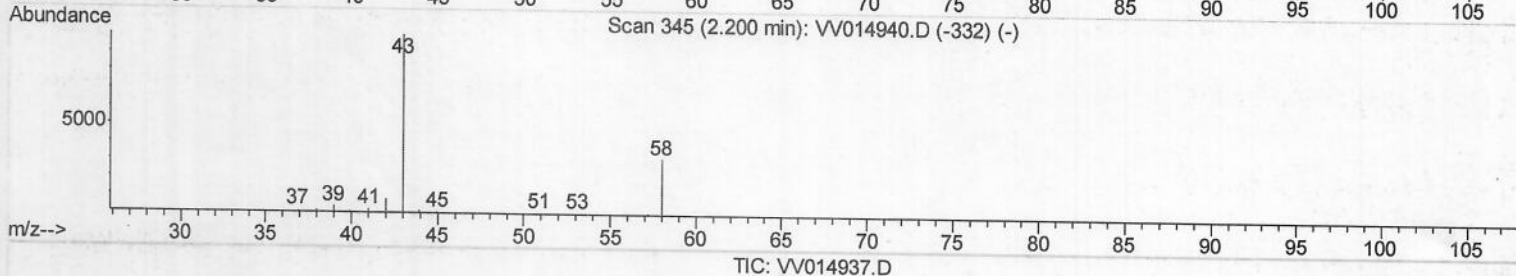
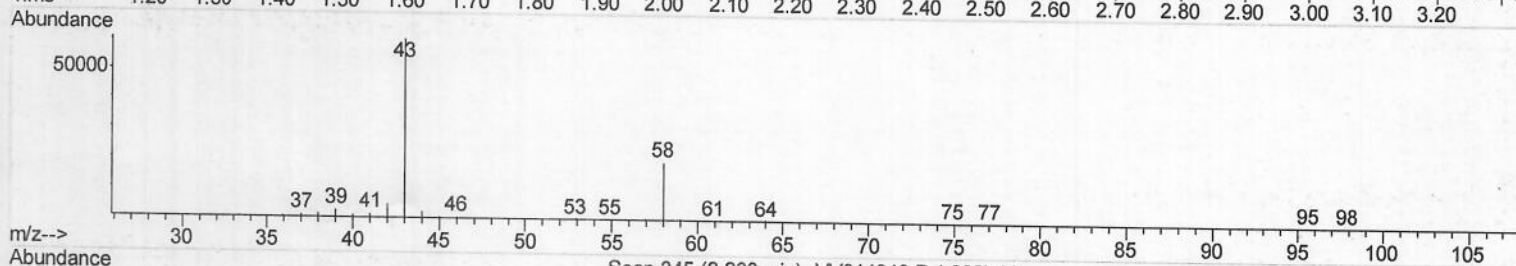
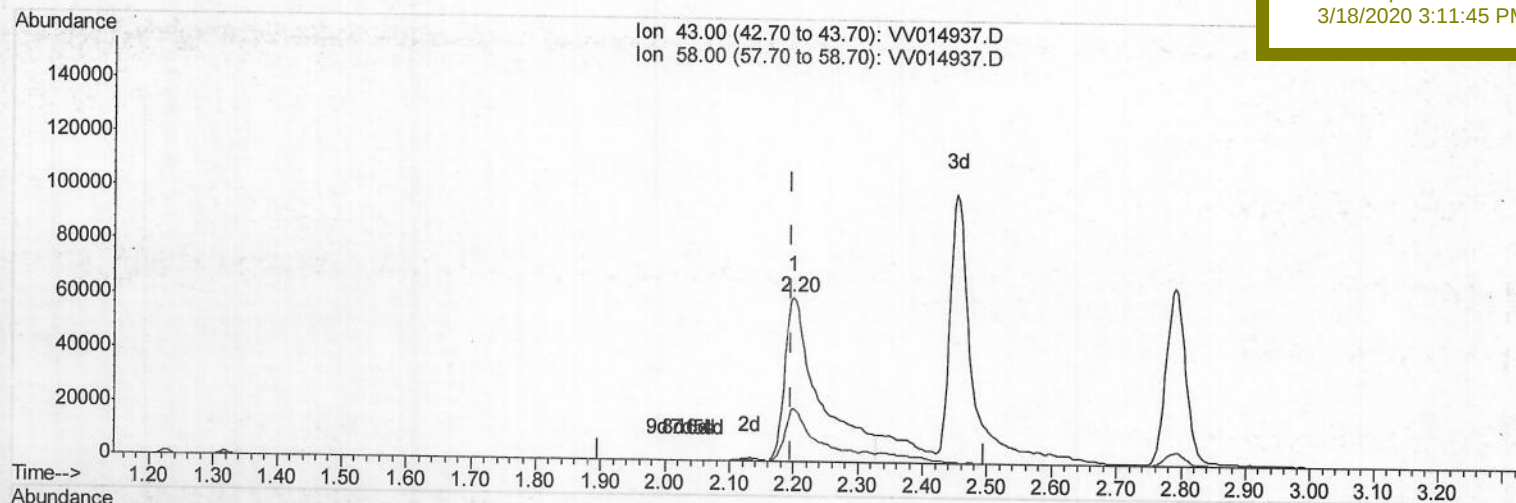
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Quant Time: Mar 16 17:14:37 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM031620WMA.M  
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Manual Integrations  
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TIC: VV014937.D

(13) Acetone (T)

2.200min (+0.003) 160.71ug/L

response 230573

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 43.00 | 100   | 100   |
| 58.00 | 25.80 | 27.05 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031620\  
Quantitation Report (Qedit)

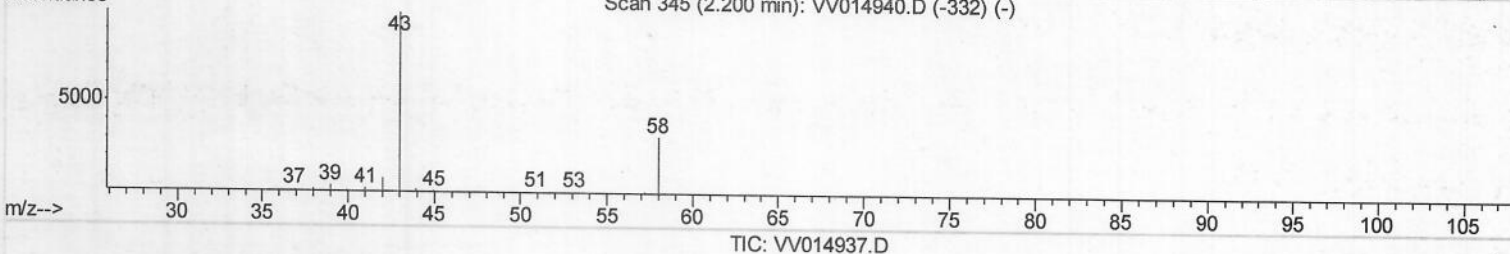
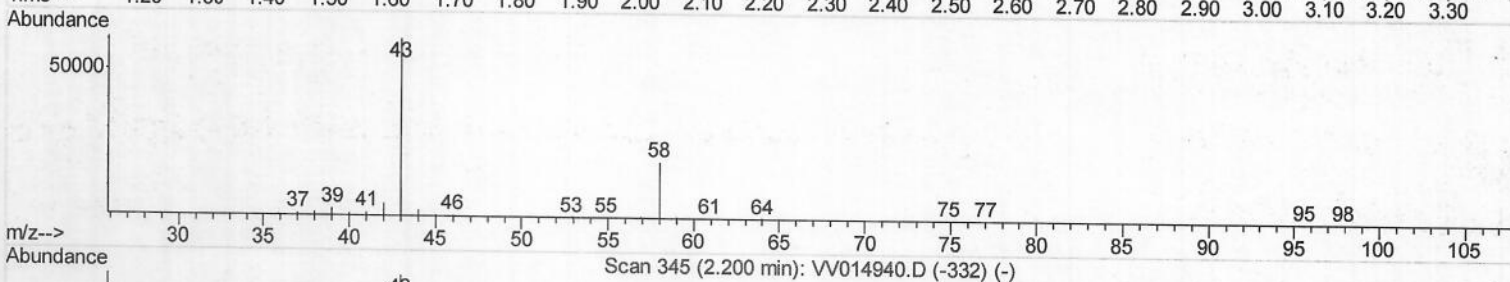
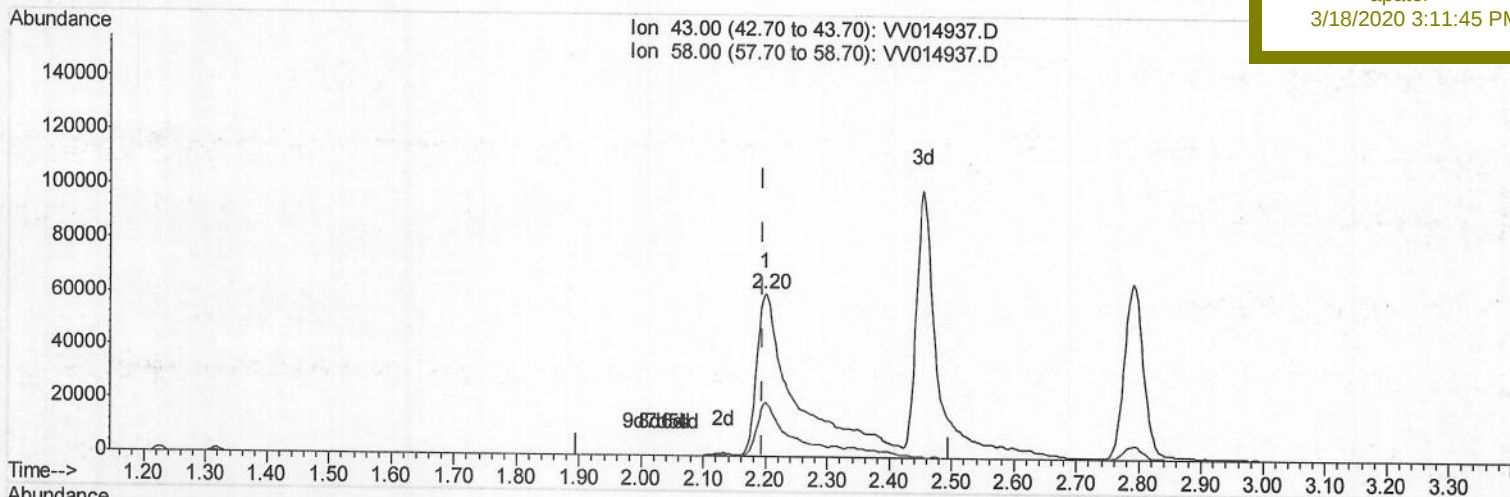
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Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD10066

Manual Integrations  
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(13) Acetone (T)

2.200min (+0.003) 187.28ug/L m

response 268691

| Ion | Exp% | Act% |
|-----|------|------|
|-----|------|------|

|       |     |     |
|-------|-----|-----|
| 43.00 | 100 | 100 |
|-------|-----|-----|

|       |       |       |
|-------|-------|-------|
| 58.00 | 25.80 | 23.21 |
|-------|-------|-------|

|      |      |      |
|------|------|------|
| 0.00 | 0.00 | 0.00 |
|------|------|------|

|      |      |      |
|------|------|------|
| 0.00 | 0.00 | 0.00 |
|------|------|------|

M.O  
03/20/20

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031620\  
Quantitation Report (QT Reviewed)

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Operator : SY/MD  
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ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
Client Sampled :  
VSTD10066

Quant Time: Mar 18 01:48:12 2020  
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Quant Title : VOC Analysis  
QLast Update : Mon Mar 16 17:11:04 2020  
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Manual Integrations  
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| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 364373   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 366638   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 203067   | 50.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |       |     |         |        |      |      |
|--------------------------------|-------|-----|---------|--------|------|------|
| 4) Vinyl Chloride-d3           | 1.32  | 65  | 248859  | 101.01 | ug/L | 0.00 |
| 7) Chloroethane-d5             | 1.58  | 69  | 185272  | 96.11  | ug/L | 0.00 |
| 11) 1,1-Dichloroethene-d2      | 2.12  | 63  | 379754  | 94.28  | ug/L | 0.00 |
| 21) 2-Butanone-d5              | 3.92  | 46  | 322779  | 185.53 | ug/L | 0.00 |
| 24) Chloroform-d               | 4.38  | 84  | 523678  | 109.92 | ug/L | 0.00 |
| 26) 1,2-Dichloroethane-d4      | 5.06  | 65  | 327551  | 103.05 | ug/L | 0.00 |
| 32) Benzene-d6                 | 5.08  | 84  | 1034969 | 106.39 | ug/L | 0.00 |
| 36) 1,2-Dichloropropane-d6     | 6.10  | 67  | 304075  | 96.10  | ug/L | 0.00 |
| 41) Toluene-d8                 | 7.34  | 98  | 1038753 | 108.58 | ug/L | 0.00 |
| 43) trans-1,3-Dichloropropene- | 7.64  | 79  | 173467  | 109.81 | ug/L | 0.00 |
| 47) 2-Hexanone-d5              | 8.12  | 63  | 302744  | 214.48 | ug/L | 0.00 |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24 | 84  | 454506  | 103.25 | ug/L | 0.00 |
| 64) 1,2-Dichlorobenzene-d4     | 11.65 | 152 | 454228  | 110.60 | ug/L | 0.00 |

#### Target Compounds

|                                |      |     |         |         |      | Qvalue |
|--------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane     | 1.14 | 85  | 333030  | 93.410  | ug/L | 99     |
| 3) Chloromethane               | 1.25 | 50  | 238735  | 78.641  | ug/L | 100    |
| 5) Vinyl chloride              | 1.32 | 62  | 236372  | 83.256  | ug/L | 98     |
| 6) Bromomethane                | 1.53 | 94  | 152474  | 86.195  | ug/L | 100    |
| 8) Chloroethane                | 1.60 | 64  | 126920  | 83.538  | ug/L | 98     |
| 9) Trichlorofluoromethane      | 1.77 | 101 | 371284  | 94.597  | ug/L | 99     |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.13 | 101 | 177027  | 88.211  | ug/L | 99     |
| 12) 1,1-Dichloroethene         | 2.13 | 96  | 170260  | 88.073  | ug/L | 96     |
| 13) Acetone                    | 2.20 | 43  | 268691m | 187.280 | ug/L | 99     |
| 14) Carbon disulfide           | 2.31 | 76  | 569508  | 89.165  | ug/L | 99     |
| 15) Methyl Acetate             | 2.45 | 43  | 195679  | 72.825  | ug/L | 98     |
| 16) Methylene chloride         | 2.52 | 84  | 254784  | 94.728  | ug/L | 99     |
| 17) trans-1,2-Dichloroethene   | 2.78 | 96  | 237599  | 97.046  | ug/L | 96     |
| 18) Methyl tert-butyl Ether    | 2.79 | 73  | 777833  | 97.453  | ug/L | 99     |
| 19) 1,1-Dichloroethane         | 3.21 | 63  | 431100  | 91.703  | ug/L | 99     |
| 20) cis-1,2-Dichloroethene     | 3.94 | 96  | 275621  | 100.257 | ug/L | 100    |
| 22) 2-Butanone                 | 4.01 | 43  | 341487  | 174.747 | ug/L | 95     |
| 23) Bromochloromethane         | 4.28 | 128 | 141490  | 100.054 | ug/L | 98     |
| 25) Chloroform                 | 4.41 | 83  | 471354  | 96.042  | ug/L | 98     |
| 27) 1,2-Dichloroethane         | 5.16 | 62  | 353460  | 92.578  | ug/L | 99     |
| 29) Cyclohexane                | 4.70 | 56  | 378910  | 87.569  | ug/L | 100    |
| 30) 1,1,1-Trichloroethane      | 4.64 | 97  | 428150  | 99.660  | ug/L | 100    |
| 31) Carbon tetrachloride       | 4.86 | 117 | 388200  | 105.325 | ug/L | 98     |
| 33) Benzene                    | 5.13 | 78  | 979193  | 93.000  | ug/L | 100    |
| 34) Trichloroethene            | 5.94 | 95  | 261535  | 94.731  | ug/L | 98     |
| 35) Methylcyclohexane          | 6.16 | 83  | 427553  | 94.002  | ug/L | 99     |
| 37) 1,2-Dichloropropane        | 6.20 | 63  | 245694  | 88.341  | ug/L | 99     |
| 38) Bromodichloromethane       | 6.53 | 83  | 357188  | 98.015  | ug/L | 98     |
| 39) cis-1,3-Dichloropropene    | 7.05 | 75  | 429965  | 96.116  | ug/L | 100    |
| 40) 4-Methyl-2-pentanone       | 7.25 | 43  | 693520  | 172.639 | ug/L | 100    |

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03/26/20

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ALS Vial : 5 Sample Multiplier: 1

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Quant Title : VOC Analysis  
QLast Update : Mon Mar 16 17:11:04 2020  
Response via : Initial Calibration

Instrument :  
MSVOA\_V  
ClientSampled :  
VSTD10066

Manual Integrations  
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| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 42) Toluene                    | 7.41  | 91   | 1121250  | 96.110  | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene  | 7.67  | 75   | 392355   | 97.428  | ug/L  | 98       |
| 45) 1,1,2-Trichloroethane      | 7.86  | 97   | 258238   | 97.437  | ug/L  | 99       |
| 46) Tetrachloroethene          | 8.00  | 164  | 244331   | 104.914 | ug/L  | 99       |
| 48) 2-Hexanone                 | 8.17  | 43   | 554376   | 175.658 | ug/L  | 99       |
| 49) Dibromochloromethane       | 8.27  | 129  | 304187   | 104.984 | ug/L  | 97       |
| 50) 1,2-Dibromoethane          | 8.37  | 107  | 285567   | 99.757  | ug/L  | 100      |
| 51) Chlorobenzene              | 8.90  | 112  | 763301   | 100.519 | ug/L  | 100      |
| 52) Ethylbenzene               | 9.03  | 91   | 1298248  | 98.562  | ug/L  | 99       |
| 53) m,p-Xylene                 | 9.16  | 106  | 508843   | 102.257 | ug/L  | 99       |
| 54) o-xylene                   | 9.57  | 106  | 503120   | 102.949 | ug/L  | 100      |
| 55) Styrene                    | 9.58  | 104  | 863614   | 103.408 | ug/L  | 99       |
| 56) Isopropylbenzene           | 9.95  | 105  | 1335462  | 101.875 | ug/L  | 100      |
| 58) 1,1,2,2-Tetrachloroethane  | 10.26 | 83   | 428523   | 94.730  | ug/L  | 97       |
| 59) 1,2,3-Trichloropropane     | 10.30 | 75   | 339518   | 93.596  | ug/L  | 99       |
| 61) Bromoform                  | 9.75  | 173  | 231843   | 104.587 | ug/L  | 98       |
| 62) 1,3-Dichlorobenzene        | 11.20 | 146  | 659803   | 99.900  | ug/L  | 99       |
| 63) 1,4-Dichlorobenzene        | 11.29 | 146  | 671647   | 101.450 | ug/L  | 98       |
| 65) 1,2-Dichlorobenzene        | 11.66 | 146  | 659907   | 99.938  | ug/L  | 99       |
| 66) 1,2-Dibromo-3-chloropropan | 12.45 | 75   | 104180   | 95.369  | ug/L  | 92       |
| 67) 1,3,5-Trichlorobenzene     | 12.67 | 180  | 541461   | 105.078 | ug/L  | 100      |
| 68) 1,2,4-trichlorobenzene     | 13.28 | 180  | 495038   | 105.586 | ug/L  | 99       |
| 69) Naphthalene                | 13.52 | 128  | 690069   | 100.075 | ug/L  | 100      |
| 70) 1,2,3-Trichlorobenzene     | 13.76 | 180  | 493859   | 105.172 | ug/L  | 99       |

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