

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_R\Data\VR092718\  
Quantitation Report (Qedit)

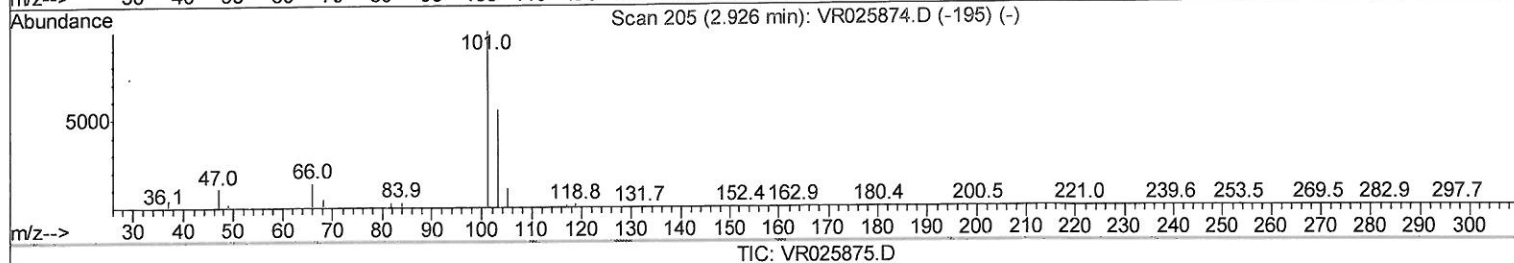
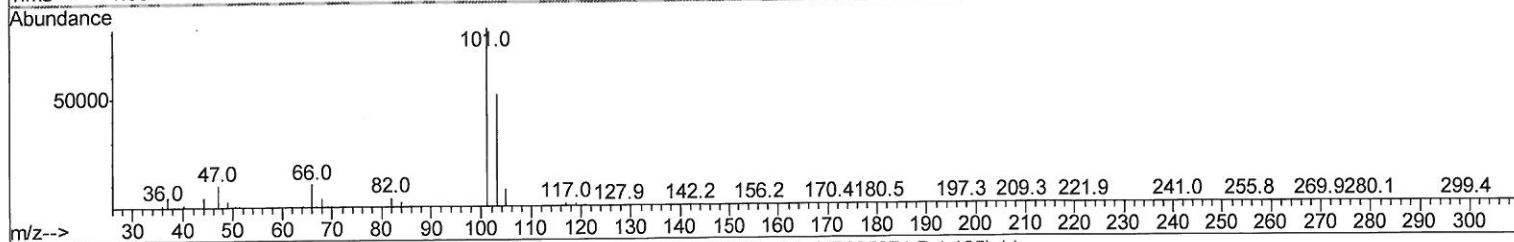
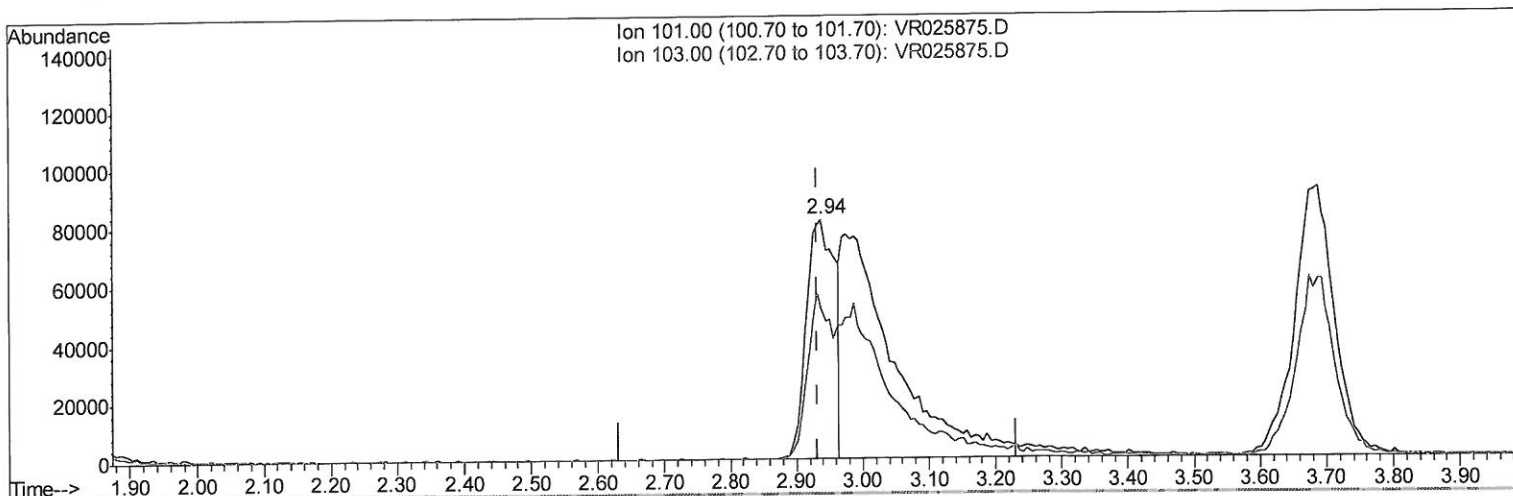
Data File : VR025875.D  
Acq On : 27 Sep 2018 14:08  
Operator : SY/MD  
Sample : VSTD01091  
Misc : 25mL/MSVOA\_R/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_R  
ClientSampleId :  
VSTD01091

Manual Integrations  
APPROVED

MMDadoda  
10/1/2018 11:53:53 AM

Quant Time: Sep 27 15:13:26 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR092718WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Thu Sep 27 15:06:01 2018  
Response via : Initial Calibration



(9) Trichlorofluoromethane (T)

2.938min (+0.006) 3.13ug/L

response 244281

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 101.00 | 100   | 100    |
| 103.00 | 27.60 | 57.14# |
| 0.00   | 0.00  | 0.00   |
| 0.00   | 0.00  | 0.00   |

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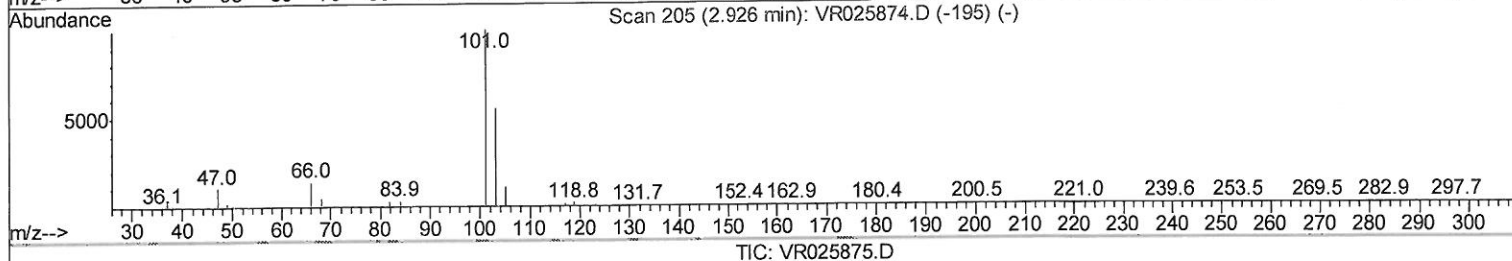
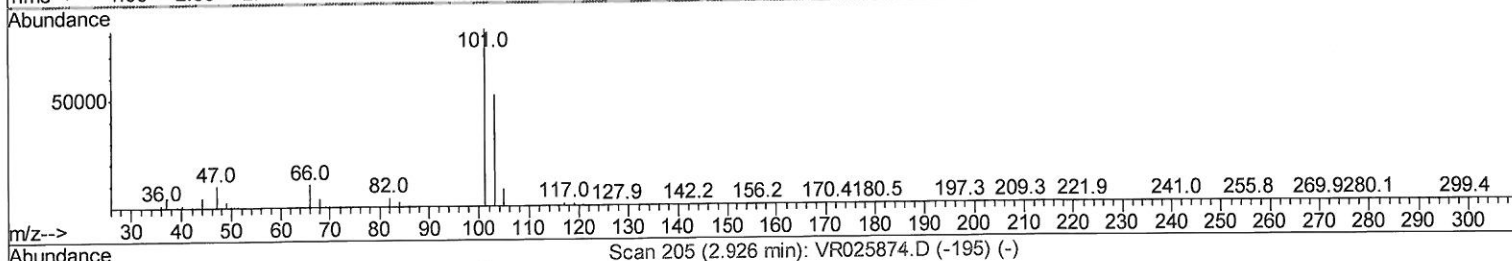
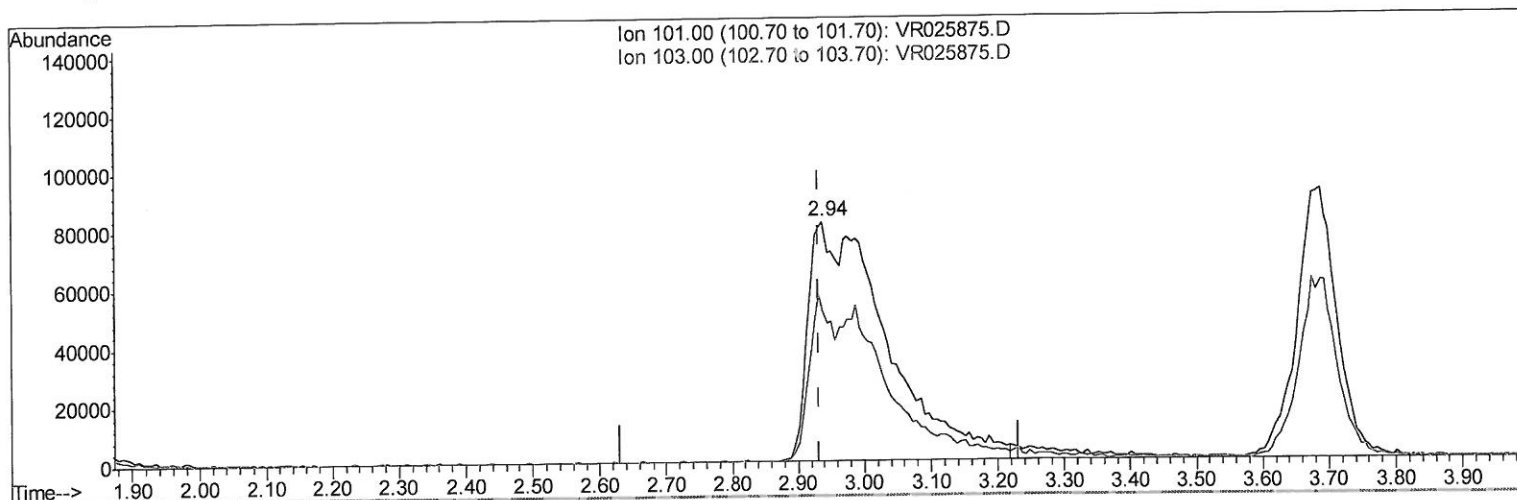
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(9) Trichlorofluoromethane (T)

2.938min (+0.006) 8.60ug/L m

response 671795

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 101.00 | 100   | 100    |
| 103.00 | 27.60 | 20.78# |
| 0.00   | 0.00  | 0.00   |
| 0.00   | 0.00  | 0.00   |

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QLast Update : Thu Sep 27 15:06:01 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 586216   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 492248   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.23 | 152  | 188343   | 5.00 | ug/L  | 0.00     |

| System Monitoring Compounds    |       |     |         |       |      |      |
|--------------------------------|-------|-----|---------|-------|------|------|
| 4) Vinyl Chloride-d3           | 2.16  | 65  | 375469  | 8.94  | ug/L | 0.00 |
| 7) Chloroethane-d5             | 2.63  | 69  | 299230  | 9.08  | ug/L | 0.00 |
| 11) 1,1-Dichloroethene-d2      | 3.63  | 63  | 889379  | 8.76  | ug/L | 0.00 |
| 20) 2-Butanone-d5              | 6.59  | 46  | 442827  | 79.14 | ug/L | 0.00 |
| 24) Chloroform-d               | 7.20  | 84  | 670361  | 7.61  | ug/L | 0.00 |
| 26) 1,2-Dichloroethane-d4      | 7.90  | 65  | 289879  | 7.64  | ug/L | 0.00 |
| 32) Benzene-d6                 | 7.85  | 84  | 1349195 | 7.38  | ug/L | 0.00 |
| 36) 1,2-Dichloropropane-d6     | 8.90  | 67  | 365228  | 7.33  | ug/L | 0.00 |
| 41) Toluene-d8                 | 9.97  | 98  | 1293943 | 7.87  | ug/L | 0.00 |
| 43) trans-1,3-Dichloropropene- | 10.24 | 79  | 92909   | 6.73  | ug/L | 0.00 |
| 46) 2-Hexanone-d5              | 10.59 | 63  | 353862  | 76.83 | ug/L | 0.00 |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36 | 84  | 151404  | 7.98  | ug/L | 0.00 |
| 64) 1,2-Dichlorobenzene-d4     | 13.52 | 152 | 254387  | 7.90  | ug/L | 0.00 |

| Target Compounds               |      |     |         |        | Qvalue |             |
|--------------------------------|------|-----|---------|--------|--------|-------------|
| 2) Dichlorodifluoromethane     | 1.84 | 85  | 329026  | 5.389  | ug/L   | 98          |
| 3) Chloromethane               | 2.01 | 50  | 463738  | 6.977  | ug/L   | 98          |
| 5) Vinyl chloride              | 2.17 | 62  | 450595  | 7.157  | ug/L   | 99          |
| 6) Bromomethane                | 2.53 | 94  | 282103  | 7.882  | ug/L   | 93          |
| 8) Chloroethane                | 2.66 | 64  | 264712  | 7.399  | ug/L   | 96          |
| 9) Trichlorofluoromethane      | 2.94 | 101 | 671795m | 8.605  | ug/L   | 10/01/18 54 |
| 10) 1,1,2-Trichloro-1,2,2-trif | 3.69 | 101 | 381323  | 8.016  | ug/L   | 95          |
| 12) 1,1-Dichloroethene         | 3.66 | 96  | 400363  | 7.917  | ug/L   | 78          |
| 13) Acetone                    | 3.70 | 43  | 327925  | 88.806 | ug/L   | 95          |
| 14) Carbon disulfide           | 3.95 | 76  | 1085559 | 7.629  | ug/L   | 100         |
| 15) Methyl Acetate             | 4.19 | 43  | 90154   | 7.610  | ug/L   | 98          |
| 16) Methylene chloride         | 4.40 | 84  | 349499  | 7.687  | ug/L   | 94          |
| 17) Methyl tert-butyl Ether    | 4.90 | 73  | 483818  | 5.470  | ug/L   | 99          |
| 18) trans-1,2-Dichloroethene   | 4.88 | 96  | 356532  | 6.232  | ug/L   | 92          |
| 19) 1,1-Dichloroethane         | 5.69 | 63  | 687311  | 5.876  | ug/L   | 98          |
| 21) 2-Butanone                 | 6.69 | 43  | 503591  | 65.436 | ug/L   | 98          |
| 22) cis-1,2-Dichloroethene     | 6.67 | 96  | 357674  | 6.207  | ug/L   | # 94        |
| 23) Bromochloromethane         | 7.05 | 128 | 93110   | 6.130  | ug/L   | 94          |
| 25) Chloroform                 | 7.23 | 83  | 658745  | 6.125  | ug/L   | 98          |
| 27) 1,2-Dichloroethane         | 7.99 | 62  | 326191  | 5.868  | ug/L   | 99          |
| 29) 1,1,1-Trichloroethane      | 7.43 | 97  | 549079  | 5.523  | ug/L   | 98          |
| 30) Cyclohexane                | 7.52 | 56  | 659078  | 5.561  | ug/L   | 98          |
| 31) Carbon tetrachloride       | 7.64 | 117 | 486353  | 5.945  | ug/L   | 98          |
| 33) Benzene                    | 7.91 | 78  | 1569105 | 6.072  | ug/L   | 100         |
| 34) Trichloroethene            | 8.71 | 95  | 405236  | 5.908  | ug/L   | 95          |
| 35) Methylcyclohexane          | 8.95 | 83  | 631145  | 5.612  | ug/L   | 99          |
| 37) 1,2-Dichloropropane        | 9.00 | 63  | 344060  | 5.972  | ug/L   | 100         |
| 38) Bromodichloromethane       | 9.28 | 83  | 381546  | 5.998  | ug/L   | 97          |
| 39) cis-1,3-Dichloropropene    | 9.72 | 75  | 424972  | 6.025  | ug/L   | 99          |
| 40) 4-Methyl-2-pentanone       | 9.87 | 43  | 1285767 | 64.099 | ug/L   | 98          |

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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 42) Toluene                    | 10.04 | 91   | 1667521  | 6.332  | ug/L   | 98       |
| 44) trans-1,3-Dichloropropene  | 10.26 | 75   | 286552   | 5.862  | ug/L   | 100      |
| 45) 1,1,2-Trichloroethane      | 10.45 | 97   | 150373   | 6.225  | ug/L   | 95       |
| 47) Tetrachloroethene          | 10.51 | 164  | 256883   | 6.549  | ug/L   | 97       |
| 48) 2-Hexanone                 | 10.63 | 43   | 839882   | 63.667 | ug/L   | 99       |
| 49) Dibromochloromethane       | 10.79 | 129  | 171154   | 6.801  | ug/L   | 99       |
| 50) 1,2-Dibromoethane          | 10.89 | 107  | 130476   | 6.137  | ug/L # | 99       |
| 51) Chlorobenzene              | 11.32 | 112  | 883170   | 6.392  | ug/L   | 95       |
| 52) Ethylbenzene               | 11.39 | 91   | 1924735  | 6.352  | ug/L   | 98       |
| 53) m,p-Xylene                 | 11.50 | 106  | 690590   | 6.320  | ug/L   | 94       |
| 54) o-Xylene                   | 11.83 | 106  | 663800   | 6.635  | ug/L   | 97       |
| 55) Styrene                    | 11.84 | 104  | 1049270  | 6.769  | ug/L   | 96       |
| 56) Isopropylbenzene           | 12.13 | 105  | 1828270  | 6.529  | ug/L   | 98       |
| 58) 1,1,2,2-Tetrachloroethane  | 12.39 | 83   | 150512   | 6.350  | ug/L   | 98       |
| 59) 1,2,3-Trichloropropane     | 12.43 | 75   | 110833   | 5.890  | ug/L   | 100      |
| 61) Bromoform                  | 12.01 | 173  | 58116    | 6.612  | ug/L   | 94       |
| 62) 1,3-Dichlorobenzene        | 13.16 | 146  | 539511   | 6.190  | ug/L   | 95       |
| 63) 1,4-Dichlorobenzene        | 13.24 | 146  | 531915   | 6.324  | ug/L   | 98       |
| 65) 1,2-Dichlorobenzene        | 13.53 | 146  | 416266   | 6.274  | ug/L   | 100      |
| 66) 1,2-Dibromo-3-chloropropan | 14.14 | 75   | 15305    | 5.045  | ug/L # | 81       |
| 67) 1,3,5-Trichlorobenzene     | 14.29 | 180  | 322017   | 6.550  | ug/L   | 96       |
| 68) 1,2,4-trichlorobenzene     | 14.78 | 180  | 202028   | 6.459  | ug/L   | 98       |
| 69) Naphthalene                | 15.00 | 128  | 279710   | 6.144  | ug/L   | 98       |
| 70) 1,2,3-Trichlorobenzene     | 15.18 | 180  | 141053   | 6.348  | ug/L   | 98       |

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

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