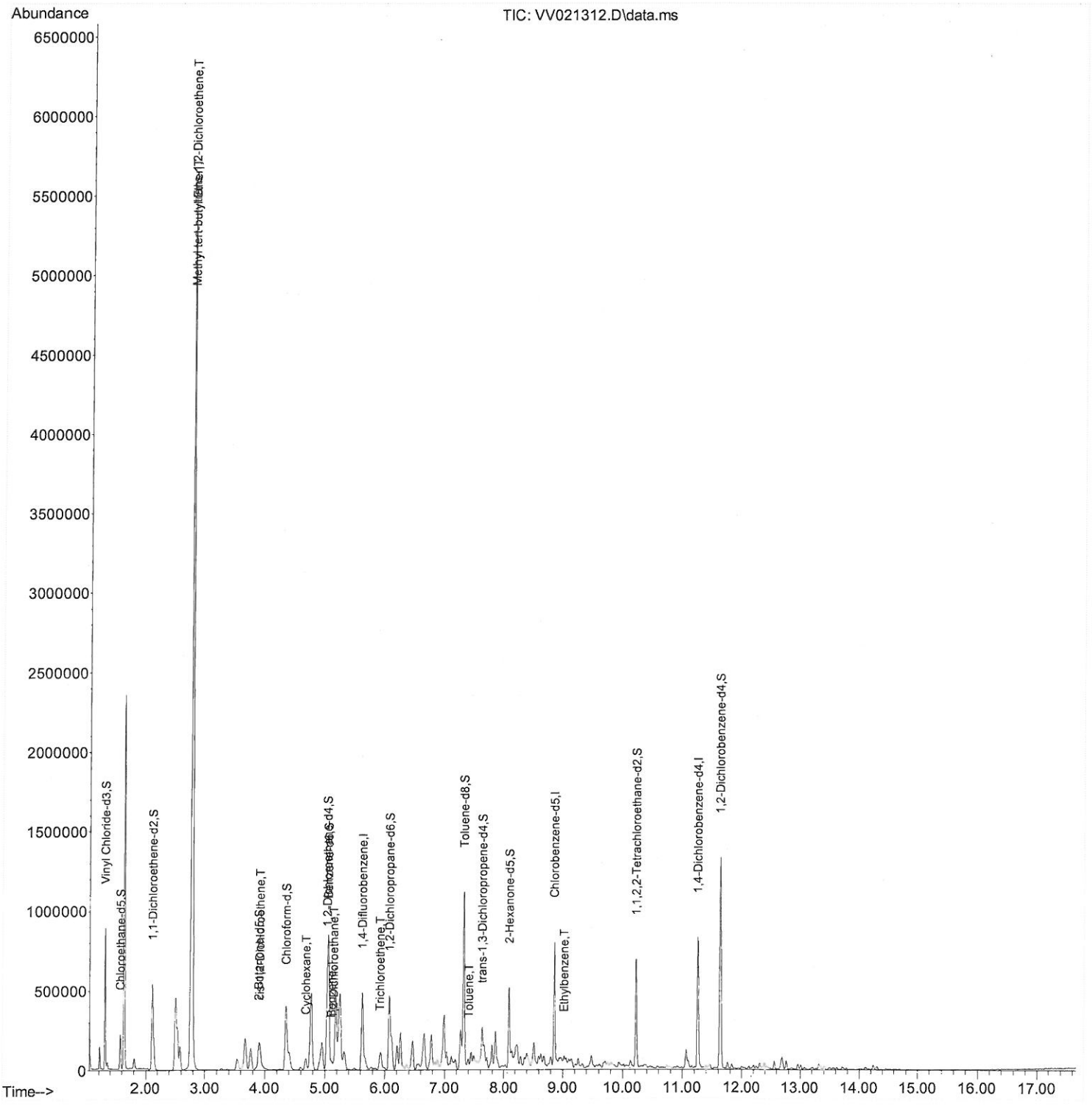
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021312.D
Acq On : 06 May 2021 17:13
Operator : SY/MD
Sample : M2320-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 07 03:58:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 07 03:56:18 2021
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
F3A05

**Manual Integrations APPROVED**
MMDadoda
5/11/2021 1:12:20 PM



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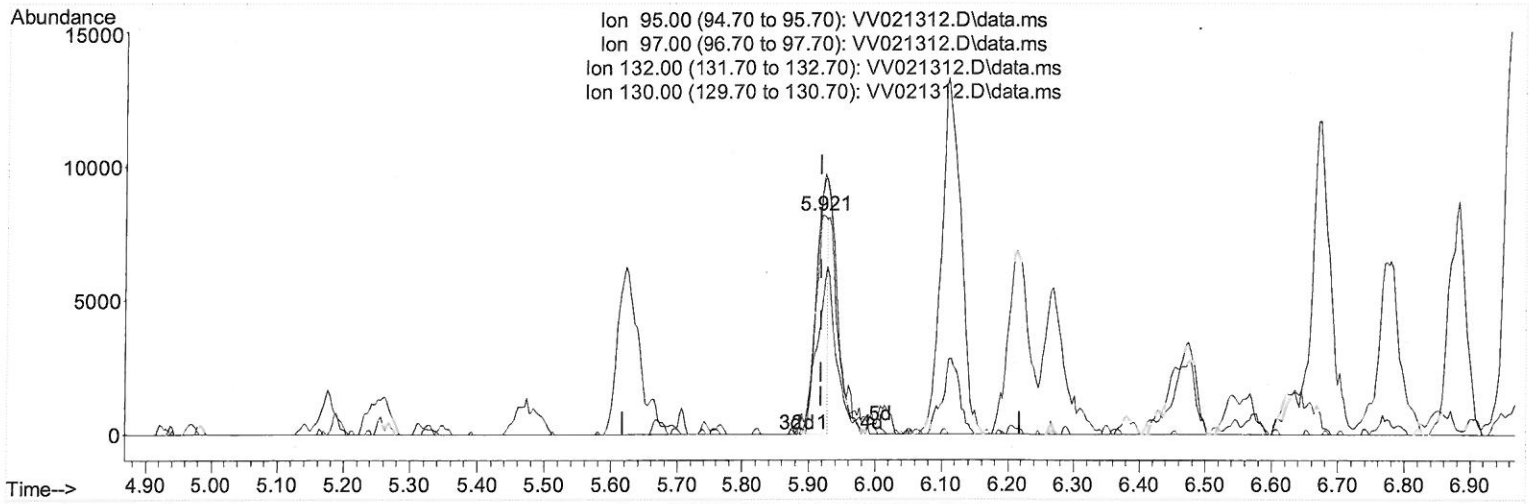


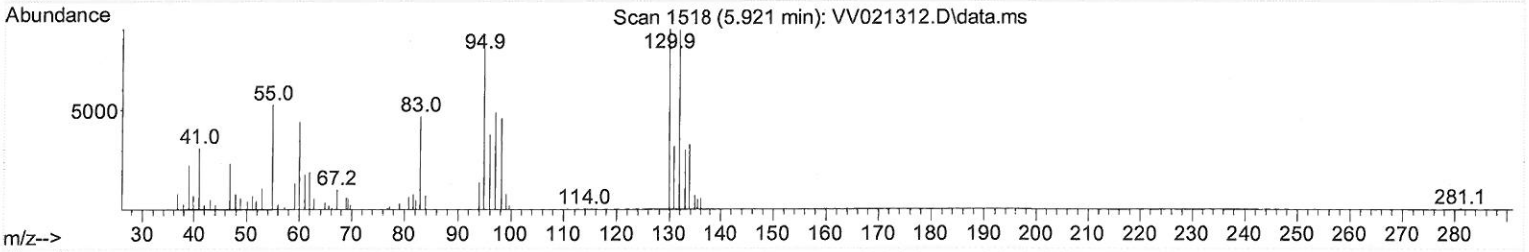


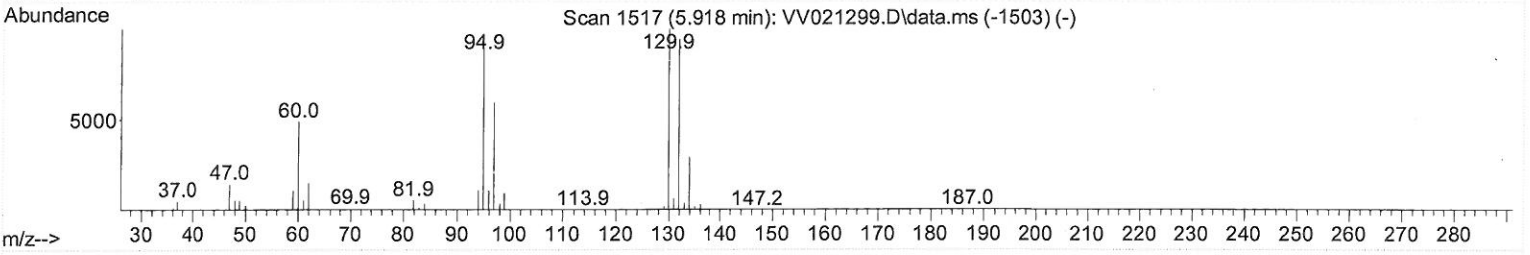


TIC: VV021312.D\data.ms

(34) Trichloroethene (T)

5.921min (+ 0.003) 3.12 ug/L

response 10388

| Ion | Exp% | Act% |
|---|---|---|
| 95.00 | 100.00 | 100.00 |
| 97.00 | 65.00 | 59.84 |
| 132.00 | 101.40 | 109.73 |
| 130.00 | 108.20 | 110.47 |

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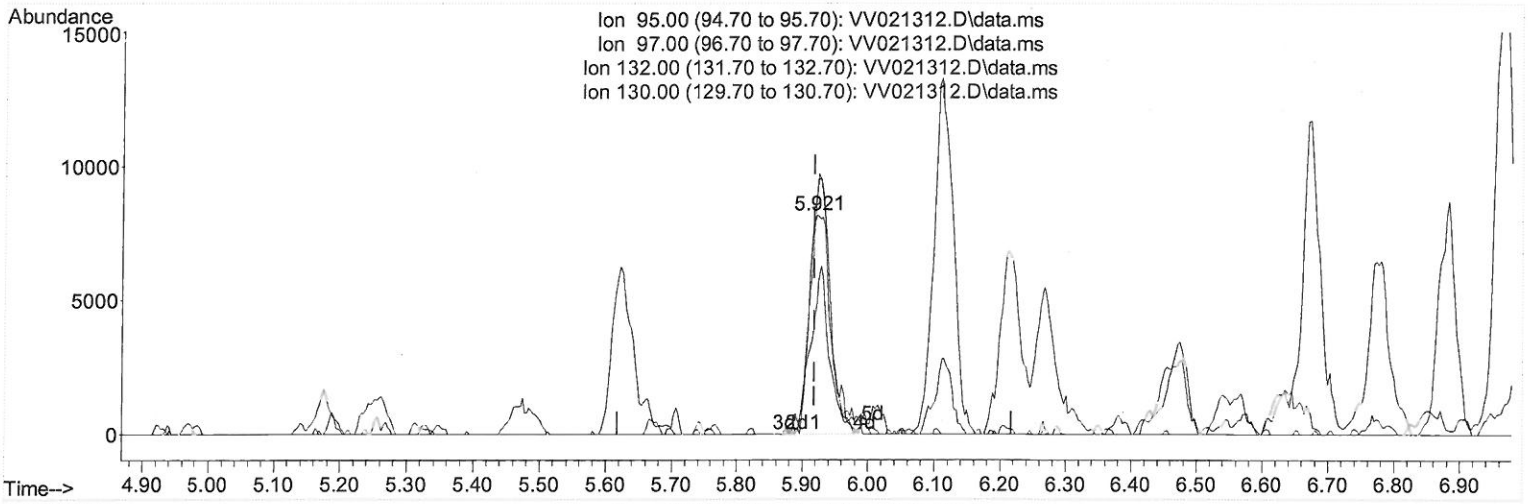
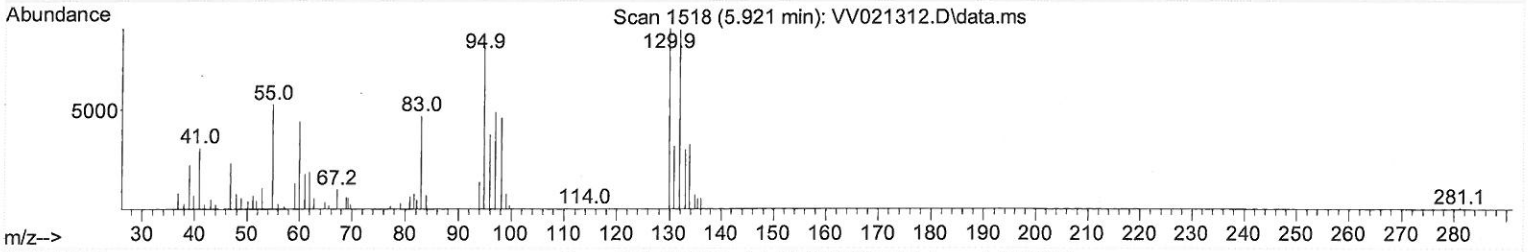
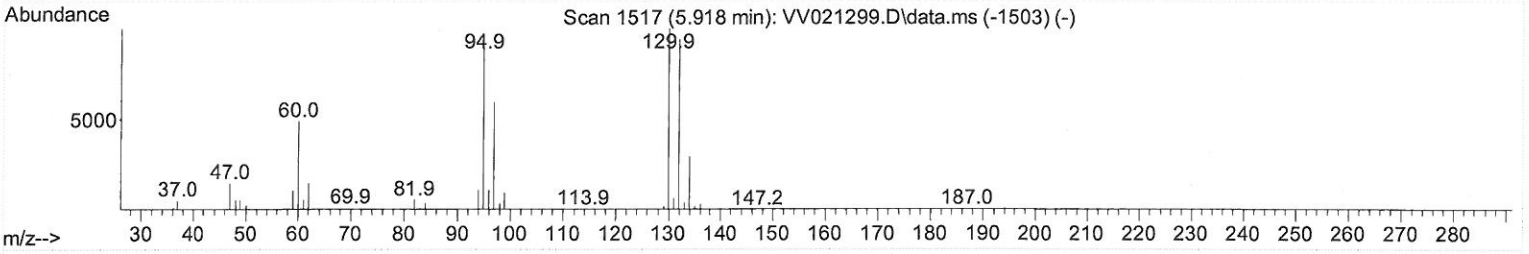
**Manual Integrations APPROVED**
MMDadoda
5/11/2021 1:12:20 PM




TIC: VV021312.D\data.ms

(34) Trichloroethene (T)

5.921min (+ 0.003) 5.55 ug/L m SMD 5/11/21

response 18500

| Ion | Exp% | Act% |
|---|---|---|
| 95.00 | 100.00 | 100.00 |
| 97.00 | 65.00 | 59.84 |
| 132.00 | 101.40 | 109.73 |
| 130.00 | 108.20 | 110.47 |

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Quant Title : VOC Analysis
QLast Update : Fri May 07 03:56:18 2021
Response via : Initial Calibration

**Instrument :** MSVOA_V
**ClientSampleId :** F3A05

**Manual Integrations APPROVED**
MMDadoda
5/11/2021 1:12:20 PM

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.622 | 114 | 400929 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.857 | 117 | 404836 | 50.00 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.255 | 152 | 210649 | 50.00 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.307 | 65 | 144083 | 81.01 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 162.02%# | | | |
| 7) Chloroethane-d5 | 1.571 | 69 | 125592 | 79.02 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 158.04%# | | | |
| 11) 1,1-Dichloroethene-d2 | 2.111 | 63 | 264765 | 53.36 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 106.72% | | | |
| 21) 2-Butanone-d5 | 3.899 | 46 | 194850 | 136.53 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 136.53%# | | | |
| 24) Chloroform-d | 4.355 | 84 | 391420 | 69.15 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 138.30%# | | | |
| 26) 1,2-Dichloroethane-d4 | 5.037 | 65 | 310684 | 73.32 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 146.64%# | | | |
| 32) Benzene-d6 | 5.056 | 84 | 670425 | 71.91 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 143.82%# | | | |
| 36) 1,2-Dichloropropane-d6 | 6.075 | 67 | 172995 | 72.23 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 144.46%# | | | |
| 41) Toluene-d8 | 7.320 | 98 | 700430 | 72.50 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 145.00%# | | | |
| 43) trans-1,3-Dichloroprop... | 7.625 | 79 | 119344 | 67.00 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 134.00%# | | | |
| 47) 2-Hexanone-d5 | 8.095 | 63 | 141329 | 127.79 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 127.79% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.223 | 84 | 256332 | 66.88 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 133.76%# | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.632 | 152 | 308165 | 74.23 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 148.46%# | | | |
| Target Compounds | | | | | | Qvalue |
| 17) trans-1,2-Dichloroethene | 2.764 | 96 | 47719 | 18.98 | ug/L | 94 |
| 18) Methyl tert-butyl Ether | 2.770 | 73 | 4498157 | 499.12 | ug/L # | 78 |
| 20) cis-1,2-Dichloroethene | 3.915 | 96 | 33834 | 12.24 | ug/L | 89 |
| 27) 1,2-Dichloroethane | 5.143 | 62 | 14460 | 2.77 | ug/L # | 66 |
| 29) Cyclohexane | 4.680 | 56 | 25309 | 7.44 | ug/L # | 77 |
| 33) Benzene | 5.114 | 78 | 28990 | 2.80 | ug/L | 100 |
| 34) Trichloroethene | 5.921 | 95 | 18500m | 5.55 | ug/L | |
| 42) Toluene | 7.403 | 91 | 11114 | 0.92 | ug/L | 78 |
| 52) Ethylbenzene | 9.024 | 91 | 9790 | 0.70 | ug/L | 90 |

MD 5/11/21

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