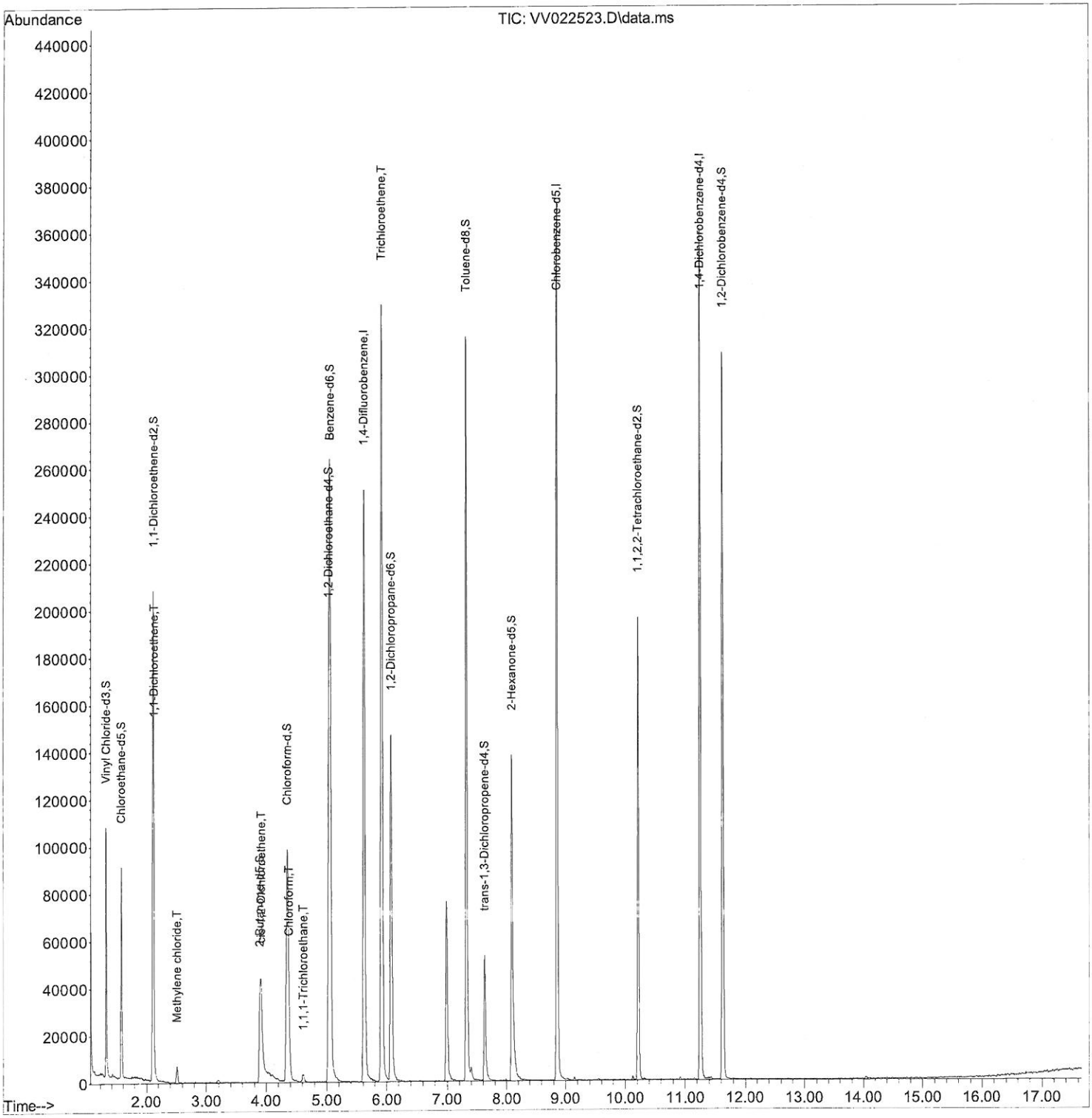
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100221\
Data File : VV022523.D
Acq On : 02 Oct 2021 20:04
Operator : SY/MD
Sample : M4023-07DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 04 02:02:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 04 01:01:56 2021
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AJ6DL

**Manual Integrations APPROVED**
MMDadoda
10/6/2021 2:27:52 PM



Quantitation Report (Qedit)

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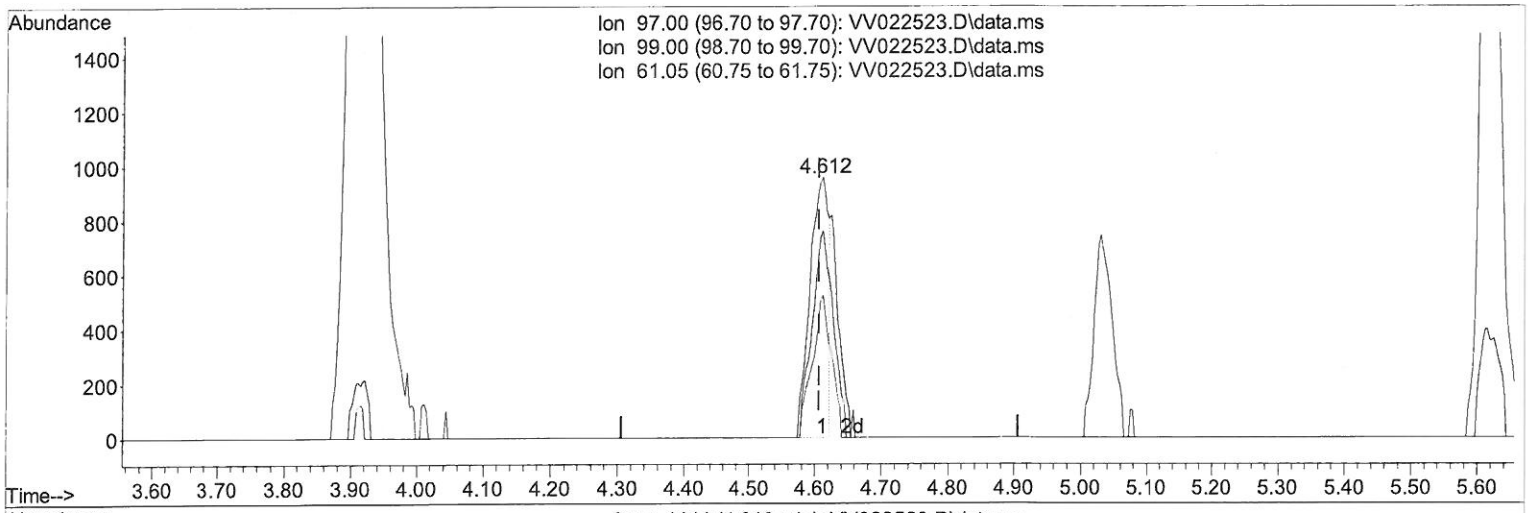


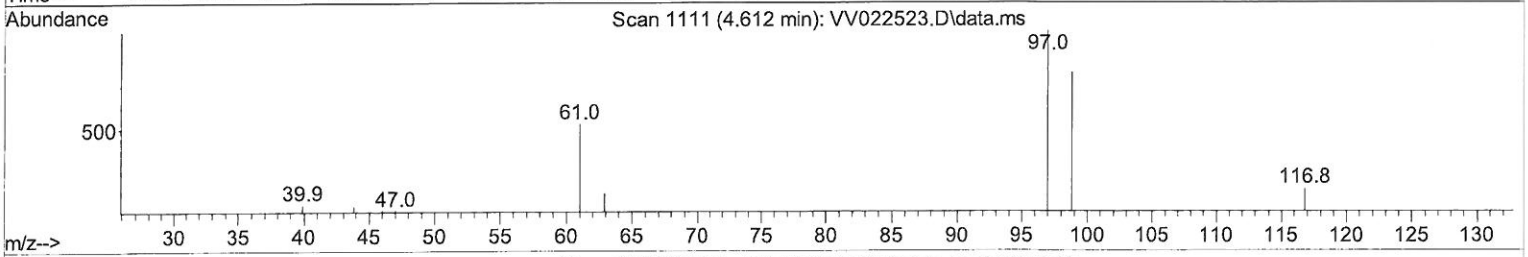


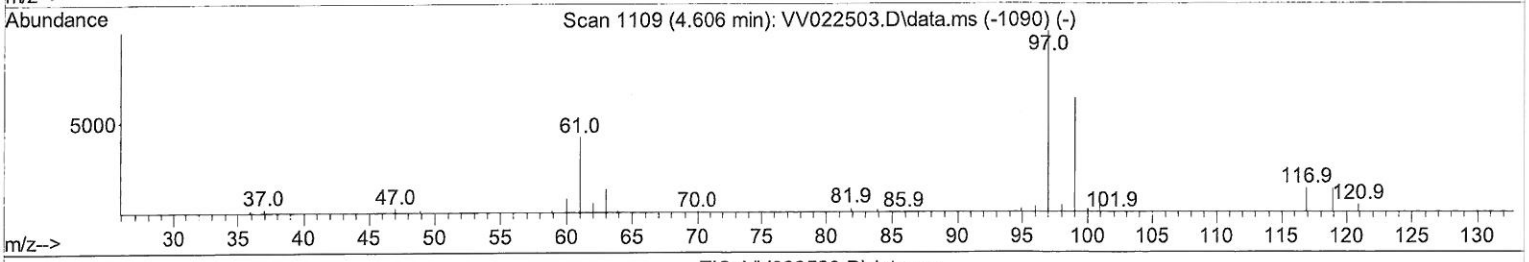


TIC: VV022523.D\data.ms

(30) 1,1,1-Trichloroethane (T)

4.612min (+ 0.006) 0.71 ug/L

response 1871

| Ion | Exp% | Act% |
|---|---|---|
| 97.00 | 100.00 | 100.00 |
| 99.00 | 64.60 | 91.18# |
| 61.05 | 41.10 | 56.81# |
| 0.00 | 0.00 | 0.00 |

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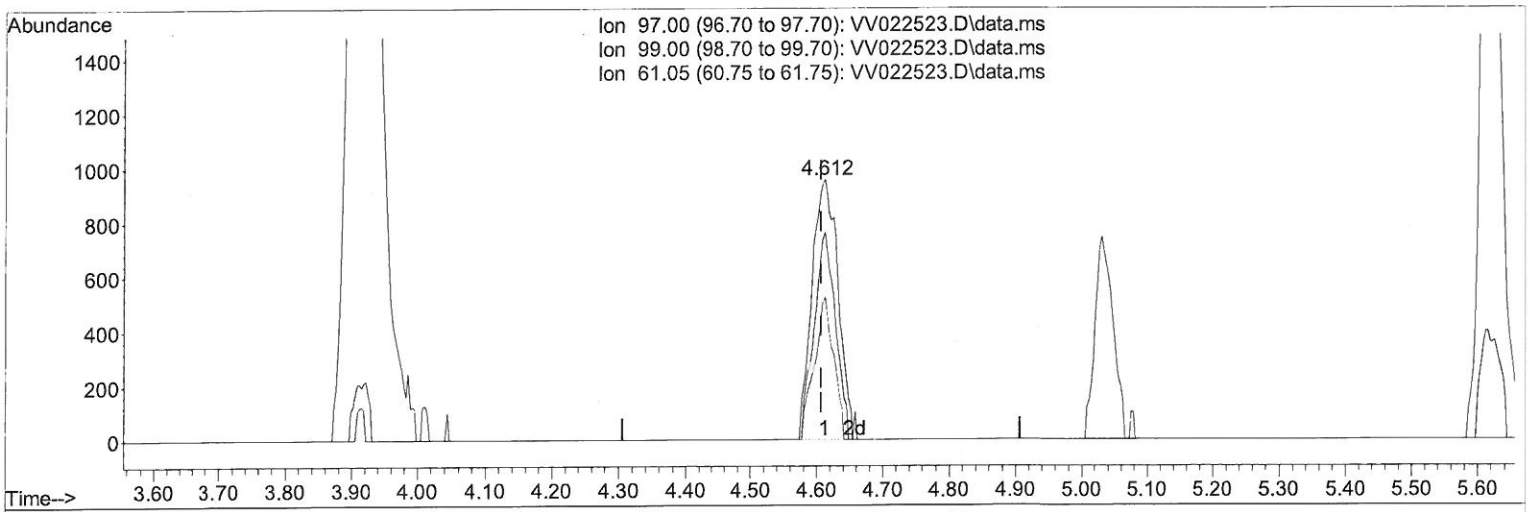
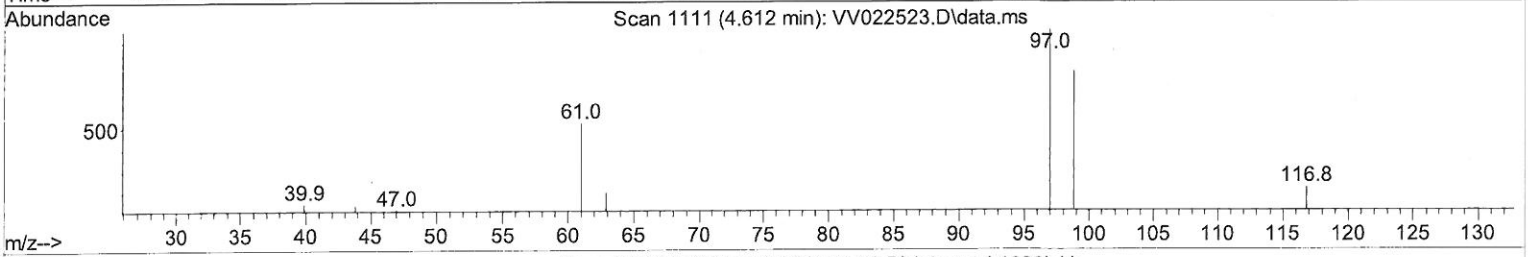
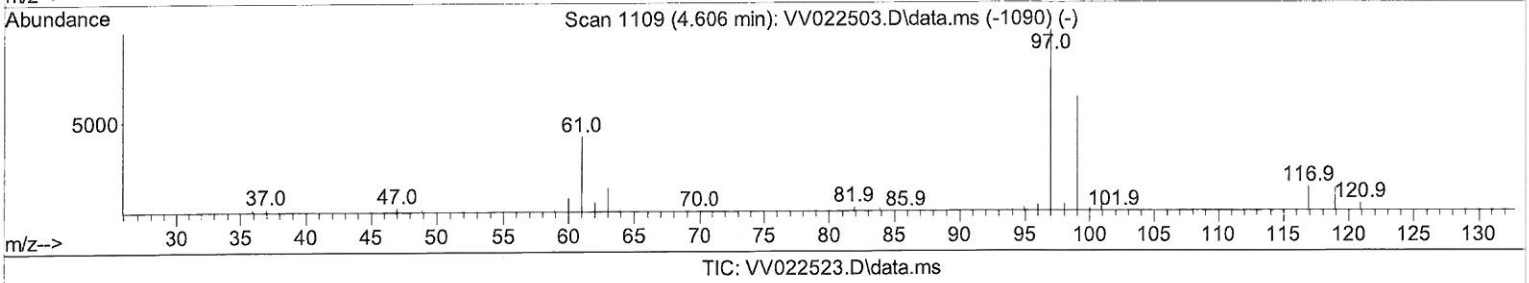
**Manual Integrations APPROVED**
MMDadoda
10/6/2021 2:27:52 PM




TIC: VV022523.D\data.ms

(30) 1,1,1-Trichloroethane (T)

4.612min (+ 0.006) 0.98 ug/L m

response 2594

| Ion | Exp% | Act% |
|---|---|---|
| 97.00 | 100.00 | 100.00 |
| 99.00 | 64.60 | 65.77 |
| 61.05 | 41.10 | 40.98 |
| 0.00 | 0.00 | 0.00 |

MD 10/19/21

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Quant Title : VOC Analysis
QLast Update : Mon Oct 04 01:01:56 2021
Response via : Initial Calibration

**Instrument :** MSVOA_V
**ClientSampleId :** C0AJ6DL

**Manual Integrations APPROVED**
MMDadoda
10/6/2021 2:27:52 PM

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 5.619 | 114 | 226149 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.853 | 117 | 211438 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.252 | 152 | 99240 | 50.000 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.304 | 65 | 64338 | 46.000 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 92.000% | | | |
| 7) Chloroethane-d5 | 1.568 | 69 | 54372 | 49.455 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 98.920% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.108 | 63 | 102386 | 37.126 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 74.260% | | | |
| 21) 2-Butanone-d5 | 3.892 | 46 | 63802 | 82.873 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 82.870% | | | |
| 24) Chloroform-d | 4.349 | 84 | 100195 | 39.210 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 78.420% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.034 | 65 | 70670 | 47.674 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 95.340% | | | |
| 32) Benzene-d6 | 5.053 | 84 | 236771 | 48.337 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 96.680% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.072 | 67 | 73378 | 48.661 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 97.320% | | | |
| 41) Toluene-d8 | 7.317 | 98 | 209945 | 46.725 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 93.460% | | | |
| 43) trans-1,3-Dichloroprop... | 7.625 | 79 | 31589 | 44.276 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 88.560% | | | |
| 47) 2-Hexanone-d5 | 8.091 | 63 | 53014 | 84.867 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 84.870% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84 | 91707 | 43.735 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 87.480% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.625 | 152 | 83443 | 51.560 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 103.120% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 12) 1,1-Dichloroethene | 2.117 | 96 | 10388 | 6.576 | ug/L # | 1 |
| 16) Methylene chloride | 2.510 | 84 | 2765 | 1.393 | ug/L | 95 |
| 20) cis-1,2-Dichloroethene | 3.915 | 96 | 12568 | 6.803 | ug/L | 95 |
| 25) Chloroform | 4.378 | 83 | 16910 | 5.477 | ug/L | 97 |
| 30) 1,1,1-Trichloroethane | 4.612 | 97 | 2594m | 0.982 | ug/L | |
| 34) Trichloroethene | 5.915 | 95 | 112678 | 66.103 | ug/L | 99 |

MD 10/19/21

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