Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031121\
Data File : VV020505.D
Acq On : 10 Mar 2021 19:05
Operator : SY/MD
Sample : M1632-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 11 00:52:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM030521WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 11 00:50:19 2021
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0B37

**Manual Integrations APPROVED**
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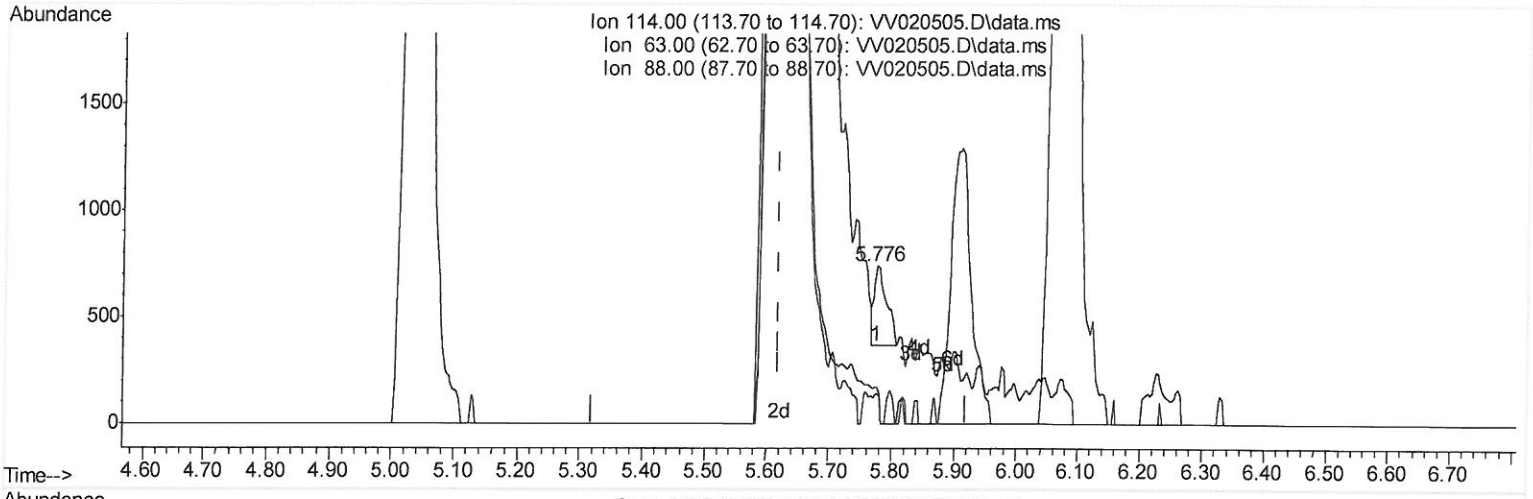
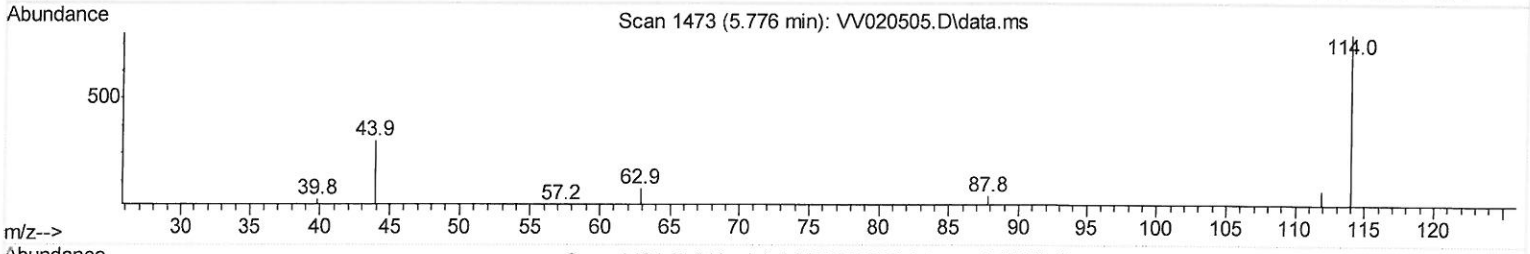
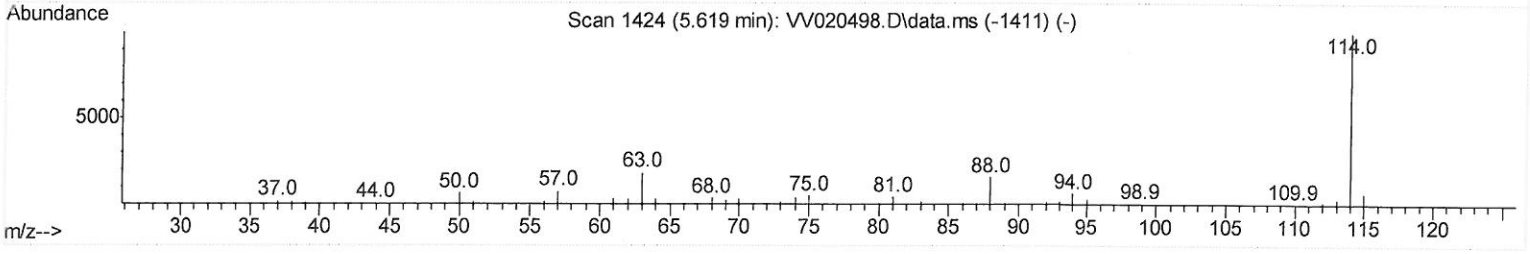
3/15/2021 12:37:15 PM




TIC: VV020505.D\data.ms

(1) 1,4-Difluorobenzene (I)

5.776min (+ 0.157) 50.00 ug/L

response 516

| Ion | Exp% | Act% |
|---|---|---|
| 114.00 | 100.00 | 100.00 |
| 63.00 | 23.30 | 19.38 |
| 88.00 | 16.70 | 14.92 |
| 0.00 | 0.00 | 0.00 |

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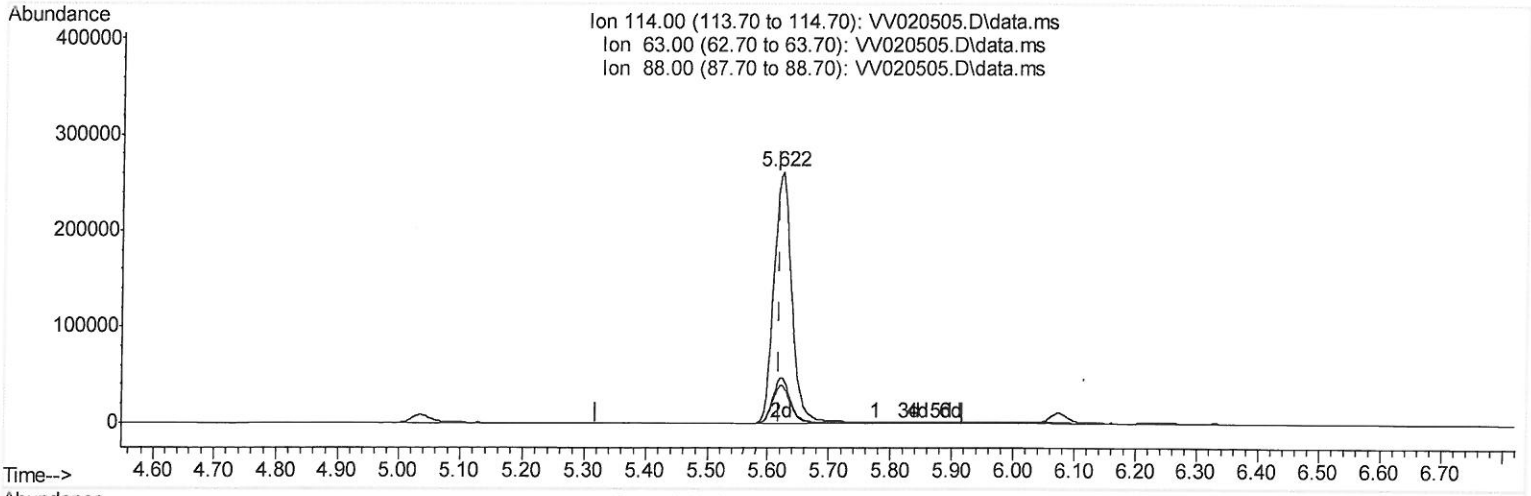


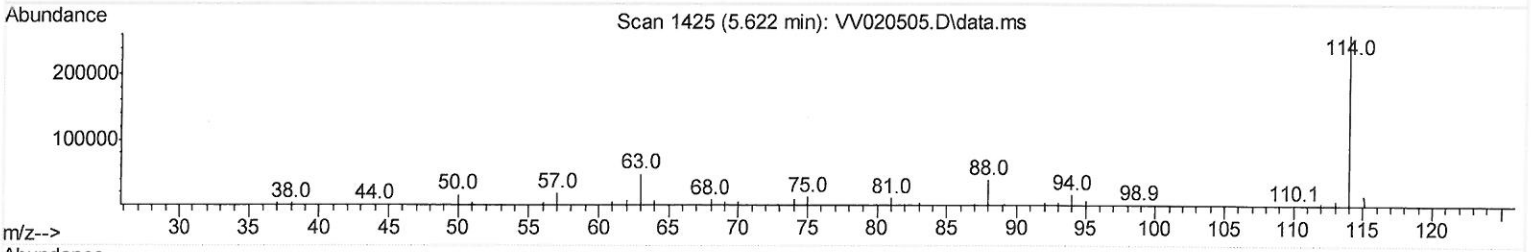


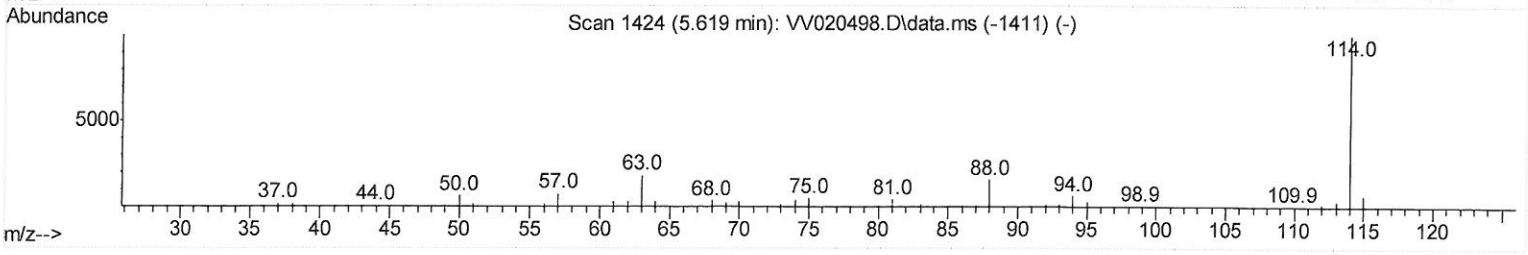


TIC: VV020505.D\data.ms

(1) 1,4-Difluorobenzene (I)

5.622min (+ 0.003) 50.00 ug/L m 03/17/21

response 527403

| Ion | Exp% | Act% |
|---|---|---|
| 114.00 | 100.00 | 100.00 |
| 63.00 | 23.30 | 0.02# |
| 88.00 | 16.70 | 0.01# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Quant Title : VOC Analysis
QLast Update : Thu Mar 11 00:50:19 2021
Response via : Initial Calibration

**Instrument :** MSVOA_V
**ClientSampleId :** C0B37

**Manual Integrations APPROVED**
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.622 | 114 | 527403m | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.857 | 117 | 516009 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.255 | 152 | 253593 | 50.00 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.307 | 65 | 202976 | 52.51 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 105.02% | | | |
| 7) Chloroethane-d5 | 1.568 | 69 | 156008 | 52.11 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 104.22% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.108 | 63 | 256405 | 39.36 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 78.72% | | | |
| 21) 2-Butanone-d5 | 3.895 | 46 | 193428 | 98.80 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 98.80% | | | |
| 24) Chloroform-d | 4.352 | 84 | 326834 | 48.90 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 97.80% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.034 | 65 | 212205 | 51.67 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 103.34% | | | |
| 32) Benzene-d6 | 5.053 | 84 | 695052 | 53.40 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 106.80% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.072 | 67 | 202529 | 51.47 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 102.94% | | | |
| 41) Toluene-d8 | 7.320 | 98 | 653353 | 51.90 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 103.80% | | | |
| 43) trans-1,3-Dichloroprop... | 7.625 | 79 | 95424 | 50.94 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 101.88% | | | |
| 47) 2-Hexanone-d5 | 8.091 | 63 | 129640 | 92.12 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 92.12% | | | |
| 57) 1,1,2,2-Tetrachloroeth... | 10.220 | 84 | 243555 | 46.72 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 93.44% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.632 | 152 | 289602 | 58.33 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 116.66% | | | |
| Target Compounds | | | | | | Qvalue |
| 25) Chloroform | 4.384 | 83 | 12564 | 1.90 | ug/L | 93 |
| 48) 2-Hexanone | 8.149 | 43 | 13602 | 4.47 | ug/L # | 83 |

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

03/17/21 SY

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