Quantitation Report (Qedit)

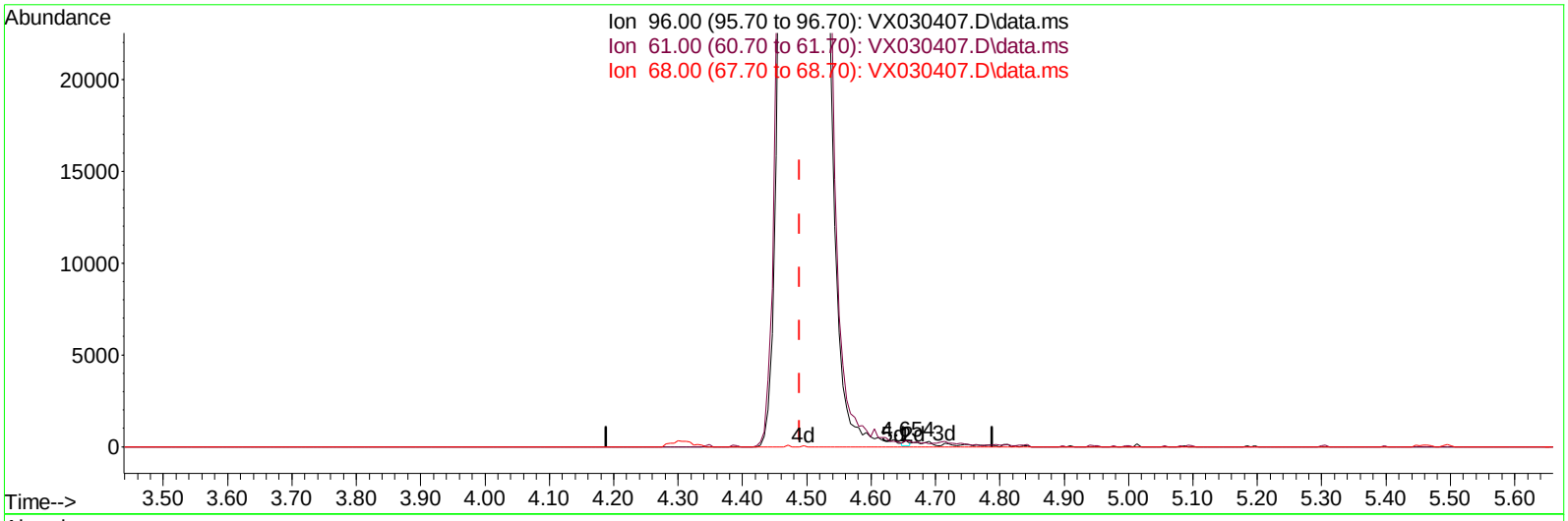
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080422\
Data File : VX030407.D
Acq On : 04 Aug 2022 21:21
Operator : JC/MD
Sample : N4003-19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

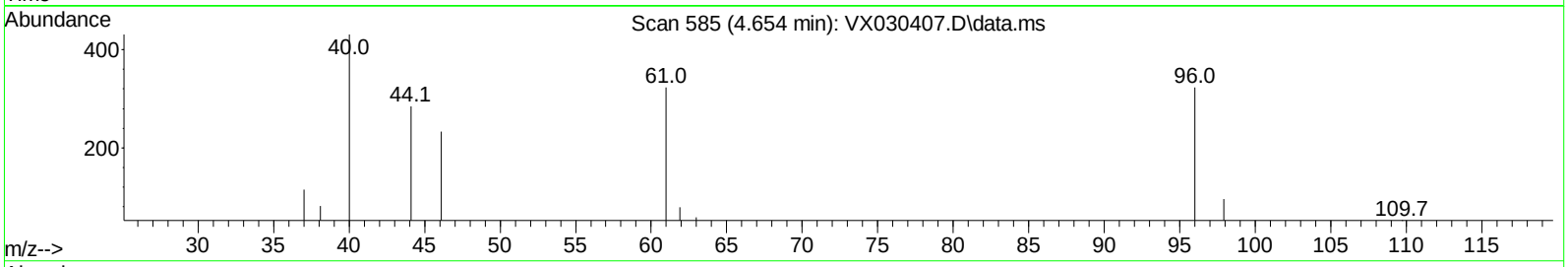
Quant Time: Aug 05 05:29:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 05 05:25:14 2022
Response via : Initial Calibration

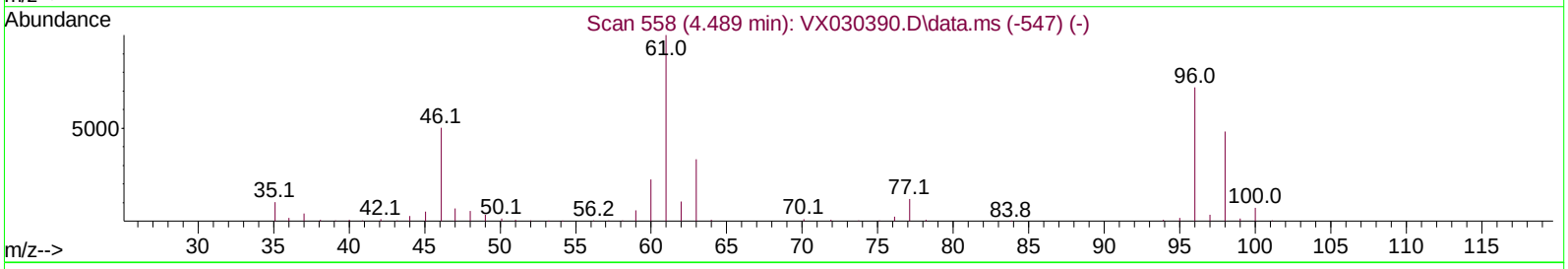
**Instrument :**
MSVOA_X
**ClientSampleId :**
F5D89

**Manual IntegrationsAPPROVED**

Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022




TIC: VX030407.D\data.ms

**(20) cis-1,2-Dichloroethene (T)**

**4.654min (+ 0.165) 0.08 ug/L**

**response 150**

| Ion | Exp% | Act% |
|---|---|---|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 134.30 | 100.00 |
| 68.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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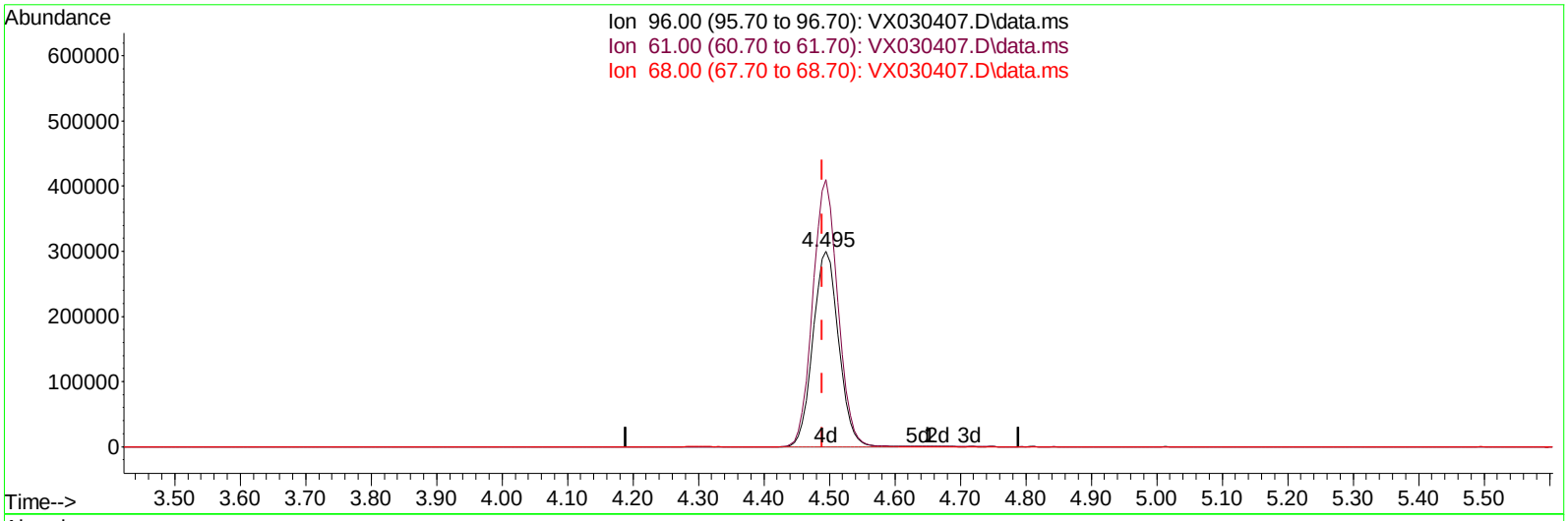


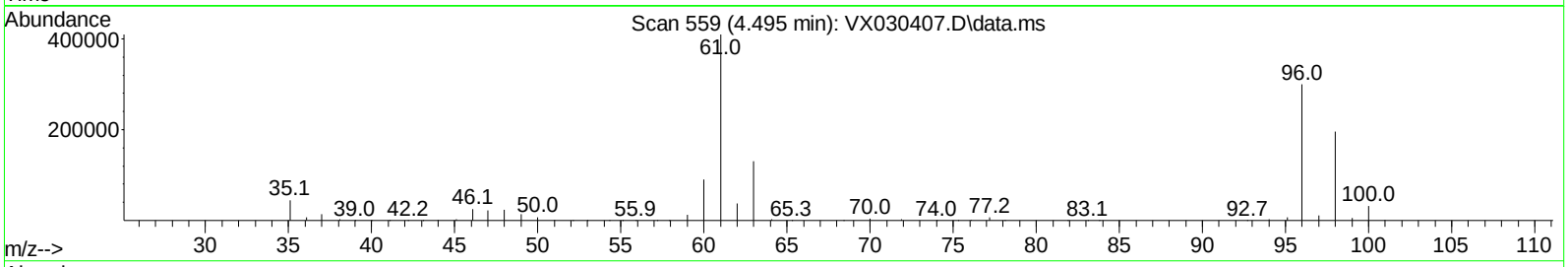


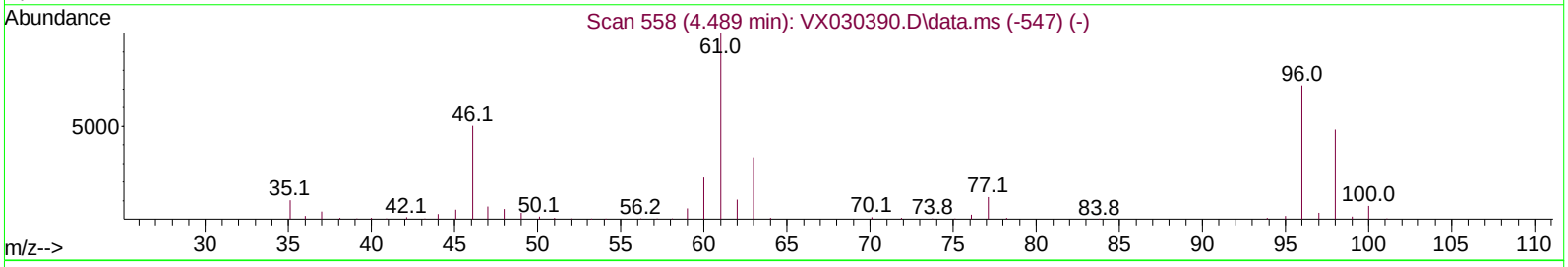


TIC: VX030407.D\data.ms

**(20) cis-1,2-Dichloroethene (T)**

**4.495min (+ 0.006) 423.05 ug/L m**

**response 817019**

| Ion | Exp% | Act% |
|---|---|---|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 134.30 | 136.68 |
| 68.00 | 0.00 | 0.02# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080422\
Data File : VX030407.D
Acq On : 04 Aug 2022 21:21
Operator : JC/MD
Sample : N4003-19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 05 05:29:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 05 05:25:14 2022
Response via : Initial Calibration

**Instrument :**
MSVOA_X
**ClientSampleId :**
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**Manual IntegrationsAPPROVED**

Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.769 | 114 | 264760 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 10.055 | 117 | 236957 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 104204 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.368 | 65 | 105555 | 62.082 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 124.160% | | | |
| 7) Chloroethane-d5 | 1.666 | 69 | 75268 | 62.797 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 125.600% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.306 | 63 | 156861 | 48.772 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 97.540% | | | |
| 21) 2-Butanone-d5 | 4.471 | 46 | 194873 | 123.701 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 123.700% | | | |
| 24) Chloroform-d | 5.068 | 84 | 199256 | 56.930 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 113.860% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.964 | 65 | 139329 | 58.627 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 117.260% | | | |
| 32) Benzene-d6 | 5.983 | 84 | 397986 | 58.635 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 117.260% | | | |
| 36) 1,2-Dichloropropane-d6 | 7.312 | 67 | 128575 | 58.385 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 116.780% | | | |
| 41) Toluene-d8 | 8.653 | 98 | 361773 | 56.544 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 113.080% | | | |
| 43) trans-1,3-Dichloroprop... | 8.952 | 79 | 56639 | 51.699 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 103.400% | | | |
| 47) 2-Hexanone-d5 | 9.390 | 63 | 131587 | 117.227 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 117.230% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195 | 84 | 170387 | 58.897 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 117.800% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.323 | 152 | 121274 | 60.003 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 120.000% | | | |
| Target Compounds | | | | | | Qvalue |
| 5) Vinyl chloride | 1.374 | 62 | 945005 | 516.450 | ug/L | 97 |
| 13) Acetone | 2.392 | 43 | 4767 | 4.129 | ug/L | 95 |
| 17) trans-1,2-Dichloroethene | 3.093 | 96 | 41650 | 24.260 | ug/L | 95 |
| 20) cis-1,2-Dichloroethene | 4.495 | 96 | 817019m | 423.053 | ug/L | |
| 29) Cyclohexane | 5.470 | 56 | 7094 | 2.252 | ug/L | 98 |
| 33) Benzene | 6.044 | 78 | 15463 | 2.035 | ug/L | 100 |
| 35) Methylcyclohexane | 7.385 | 83 | 11692 | 3.650 | ug/L | 90 |

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

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