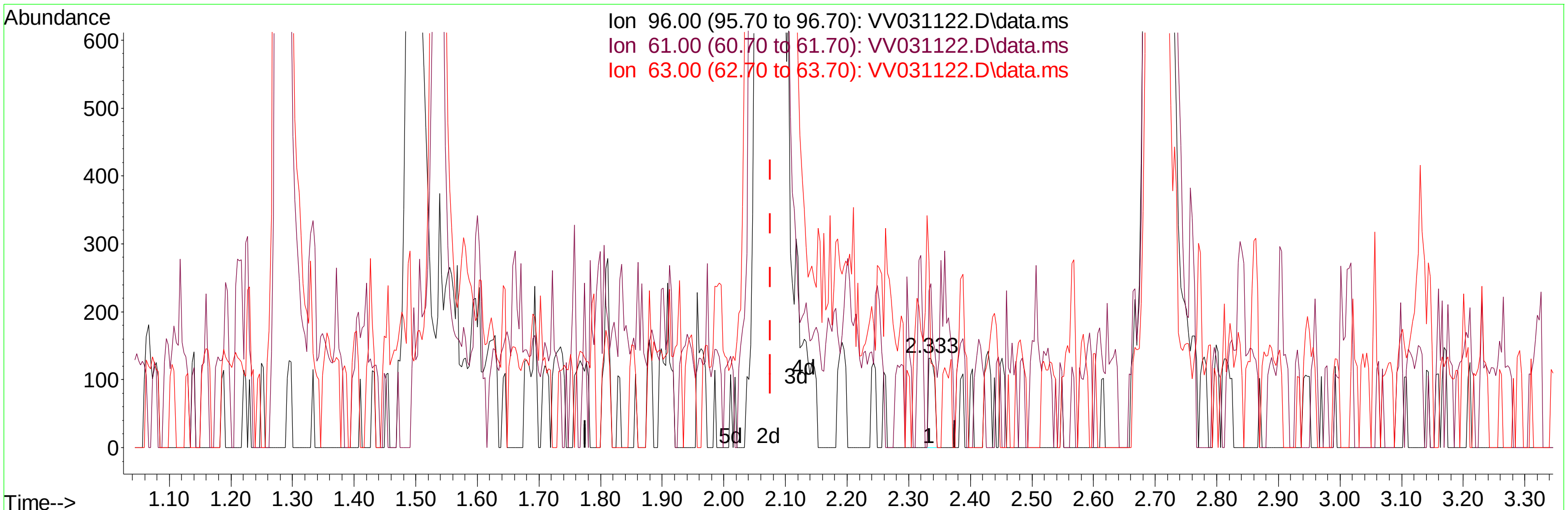
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
Data File : VV031122.D
Acq On : 19 May 2023 21:27
Operator : SY/MD
Sample : O2866-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

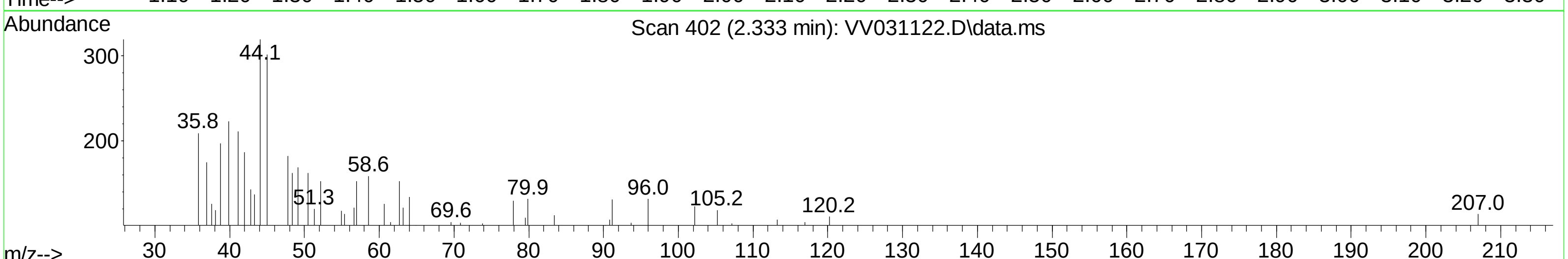
**Instrument :**
MSVOA_V
**ClientSampleId :**
GBX91

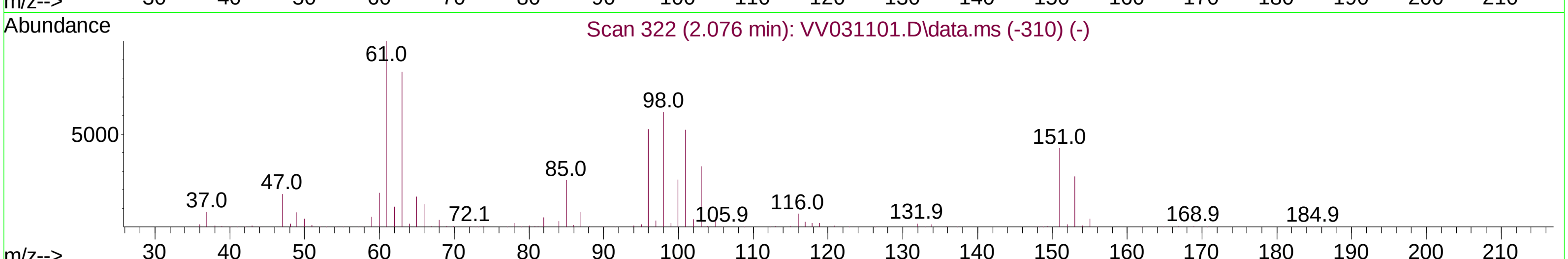
Quant Time: May 20 00:38:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 20 00:29:13 2023
Response via : Initial Calibration

**Manual IntegrationsAPPROVED**

Reviewed By :Krupa Patel 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023




TIC: VV031122.D\data.ms

**(12) 1,1-Dichloroethene (T)**

**2.333min (+ 0.257) 0.06 ug/L**

**response 94**

| Ion | Exp% | Act% |
|---|---|---|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 197.00 | 175.00 |
| 63.00 | 163.10 | 208.33 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
Data File : VV031122.D
Acq On : 19 May 2023 21:27
Operator : SY/MD
Sample : O2866-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Quant Time: May 20 00:38:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 20 00:29:13 2023
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
GBX91

**Manual IntegrationsAPPROVED**

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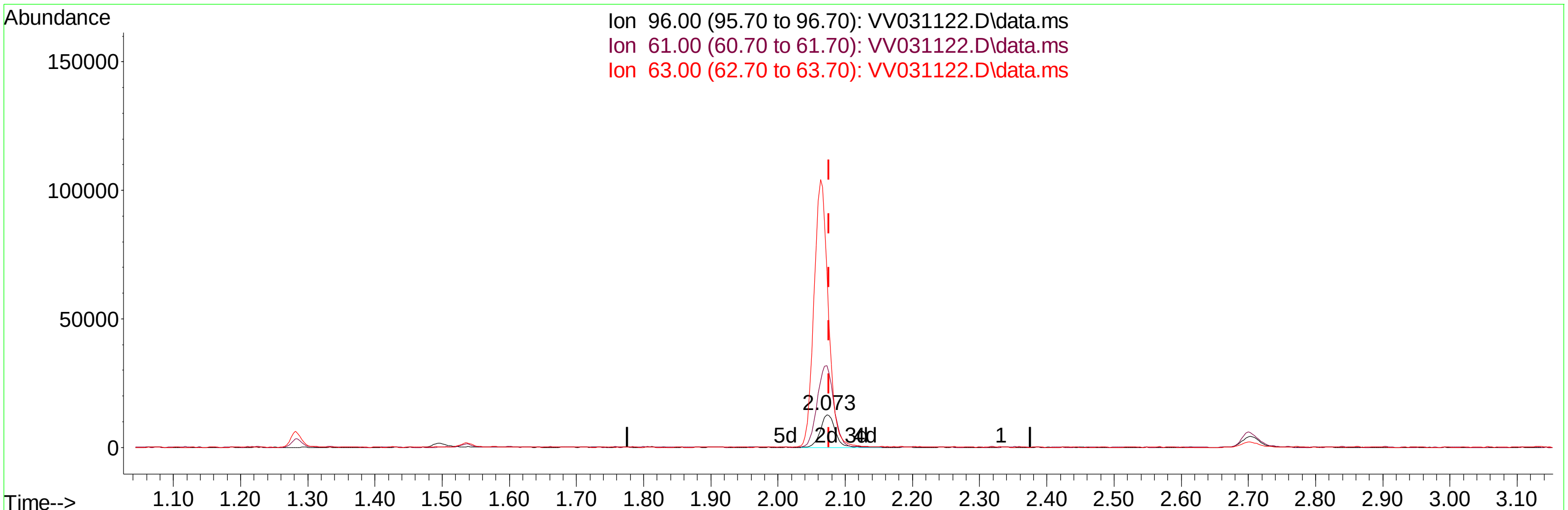


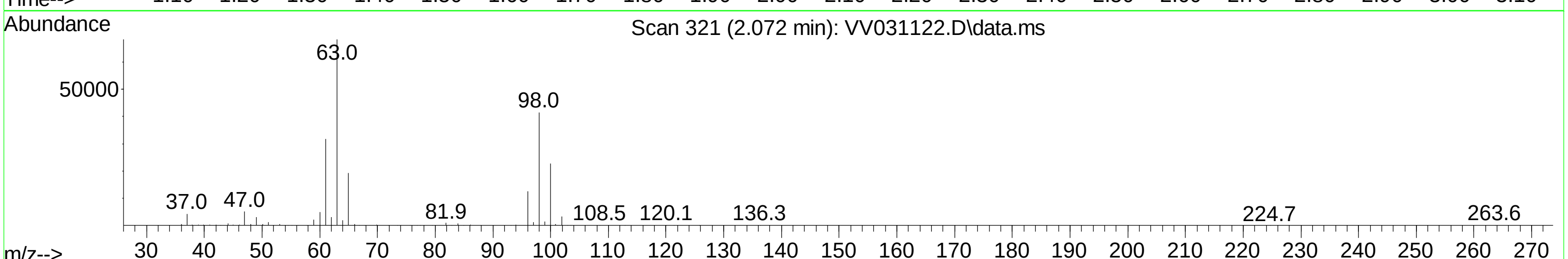


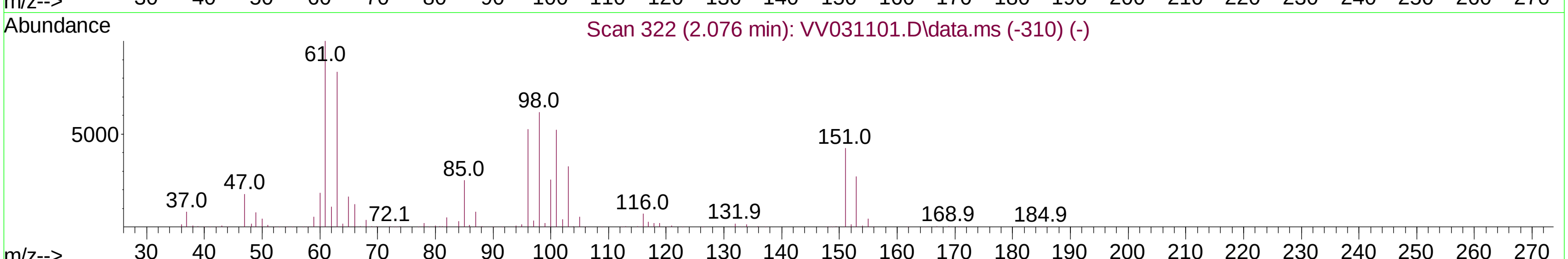


TIC: VV031122.D\data.ms

**(12) 1,1-Dichloroethene (T)**

**2.072min (-0.003) 13.46 ug/L m**

**response 19773**

| Ion | Exp% | Act% |
|---|---|---|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 197.00 | 250.75 |
| 63.00 | 163.10 | 538.46# |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
Data File : VV031122.D
Acq On : 19 May 2023 21:27
Operator : SY/MD
Sample : O2866-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Quant Time: May 20 00:38:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 20 00:29:13 2023
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
GBX91

**Manual IntegrationsAPPROVED**

Reviewed By :Krupa Patel 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 5.542 | 114 | 264451 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.792 | 117 | 252540 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.194 | 152 | 116345 | 50.000 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.282 | 65 | 92998 | 41.149 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 82.300% | | | |
| 7) Chloroethane-d5 | 1.536 | 69 | 88144 | 50.626 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 101.260% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.063 | 65 | 45572 | 43.000 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 86.000% | | | |
| 21) 2-Butanone-d5 | 3.799 | 46 | 111119 | 92.271 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 92.270% | | | |
| 24) Chloroform-d | 4.256 | 84 | 176543 | 44.155 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 88.320% | | | |
| 26) 1,2-Dichloroethane-d4 | 4.947 | 65 | 124157 | 45.954 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 91.900% | | | |
| 32) Benzene-d6 | 4.966 | 84 | 316893 | 46.288 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 92.580% | | | |
| 36) 1,2-Dichloropropane-d6 | 5.995 | 67 | 98352 | 48.013 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 96.020% | | | |
| 41) Toluene-d8 | 7.249 | 98 | 274405 | 42.945 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 85.900% | | | |
| 43) trans-1,3-Dichloroprop... | 7.558 | 79 | 46198 | 44.952 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 89.900% | | | |
| 47) 2-Hexanone-d5 | 8.034 | 63 | 67563 | 84.594 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 84.590% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159 | 84 | 130126 | 42.354 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 84.700% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.567 | 152 | 106079 | 50.738 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 101.480% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.220 | 50 | 11097 | 5.937 | ug/L | 99 |
| 6) Bromomethane | 1.494 | 94 | 3029 | 3.237 | ug/L | 99 |
| 12) 1,1-Dichloroethene | 2.072 | 96 | 19773m | 13.460 | ug/L | |
| 13) Acetone | 2.130 | 43 | 5628 | 3.595 | ug/L | 90 |
| 17) trans-1,2-Dichloroethene | 2.703 | 96 | 8227 | 6.057 | ug/L | 95 |
| 20) cis-1,2-Dichloroethene | 3.818 | 96 | 594882 | 355.303 | ug/L | 95 |
| 34) Trichloroethene | 5.841 | 95 | 5909742 | 3645.475 | ug/L | 96 |
| 45) 1,1,2-Trichloroethane | 7.783 | 97 | 1417 | 0.780 | ug/L | 97 |
| 46) Tetrachloroethene | 7.915 | 164 | 4681 | 3.363 | ug/L | 91 |

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

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Supervised By :Mahesh Dadoda   05/25/2023