Quantitation Report (Qedit)

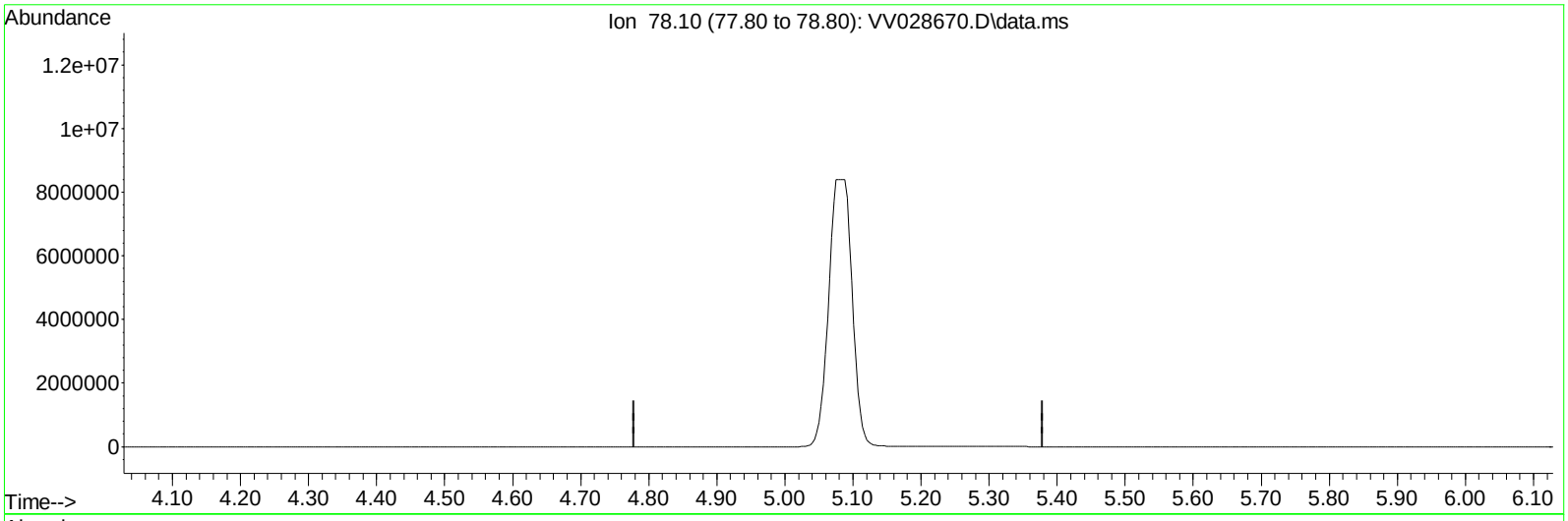
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102122\
Data File : VV028670.D
Acq On : 21 Oct 2022 18:43
Operator : SY/MD
Sample : N5216-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

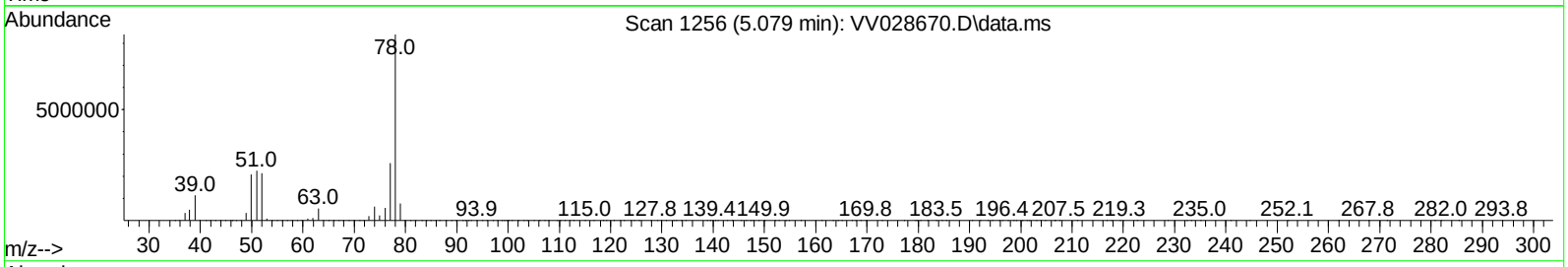
Quant Time: Oct 21 23:05:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 21 22:58:36 2022
Response via : Initial Calibration

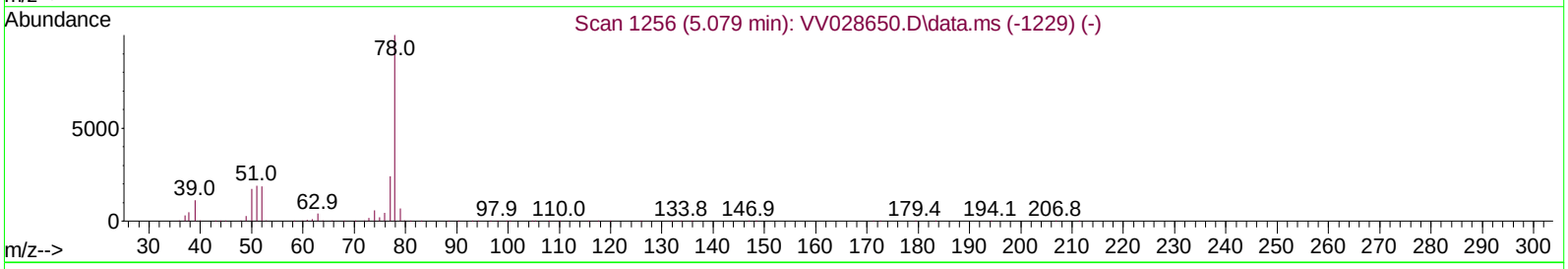
**Instrument :**
MSVOA_V
**ClientSampleId :**
BHA75

**Manual IntegrationsAPPROVED**

Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/28/2022




TIC: VV028670.D\data.ms

**(33) Benzene (T)**

**5.079min (-5.079) 0.00 ug/L**

**response 0**

| Ion | Exp% | Act% |
|---|---|---|
| 78.10 | 100.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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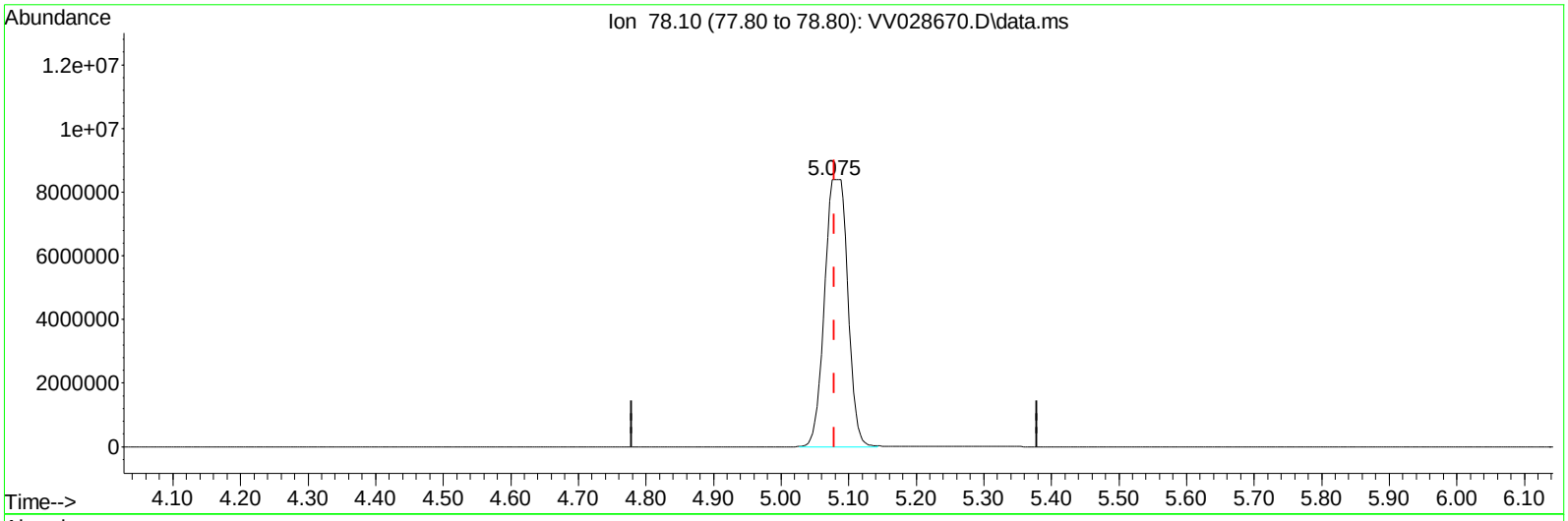


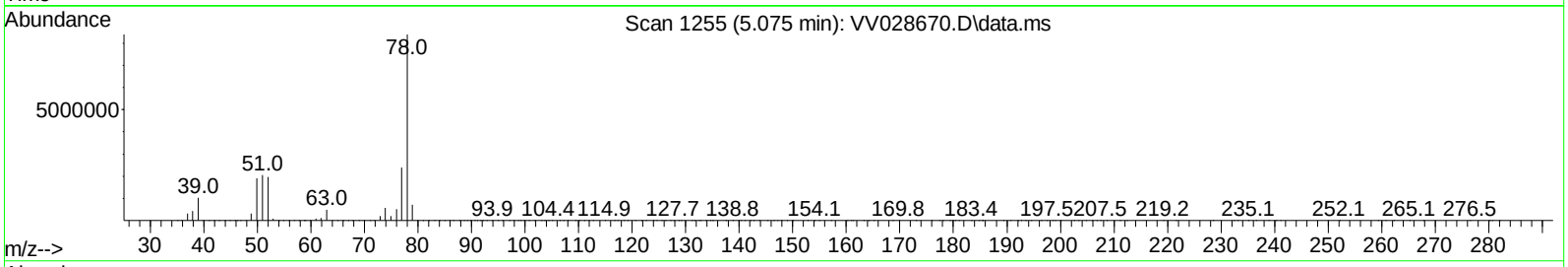


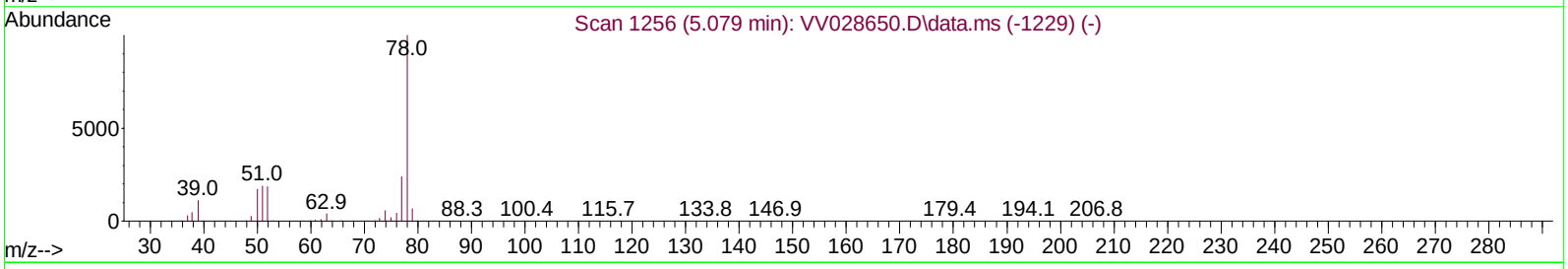


TIC: VV028670.D\data.ms

**(33) Benzene (T)**

**5.075min (-0.003) 295.48 ug/L m**

**response 20029246**

| Ion | Exp% | Act% |
|---|---|---|
| 78.10 | 100.00 | 100.00 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
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**ClientSampleId :**
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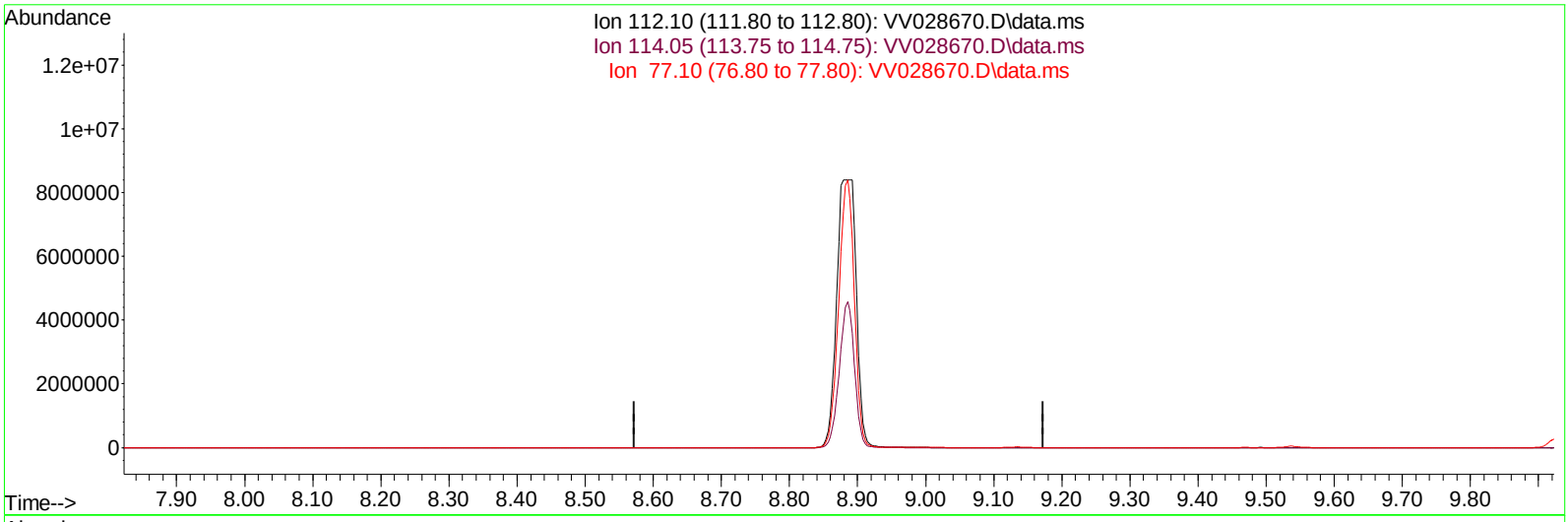


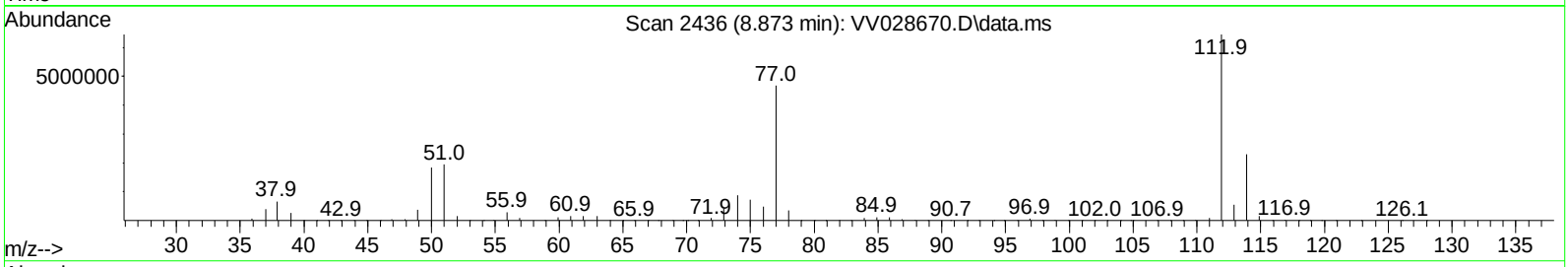


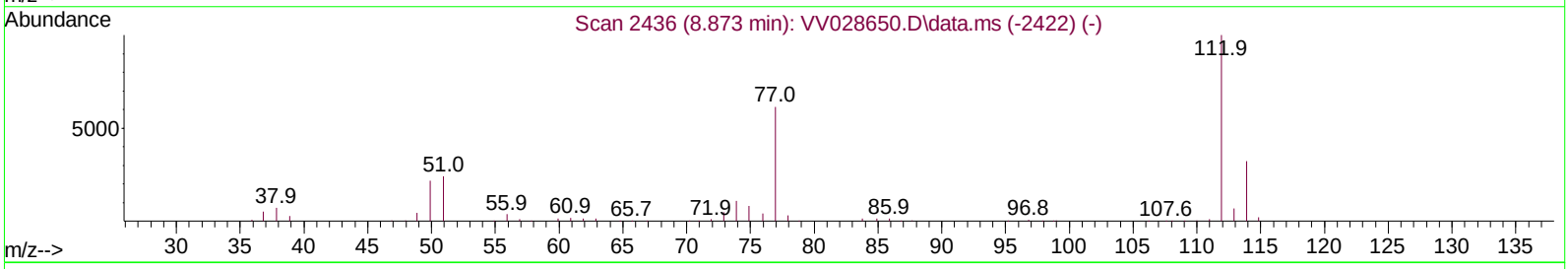


TIC: VV028670.D\data.ms

**(51) Chlorobenzene (T)**

**8.873min (-8.873) 0.00 ug/L**

**response 0**

| Ion | Exp% | Act% |
|---|---|---|
| 112.10 | 100.00 | 0.00 |
| 114.05 | 31.50 | 0.00# |
| 77.10 | 62.50 | 0.00# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 21 22:58:36 2022
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
BHA75

**Manual IntegrationsAPPROVED**

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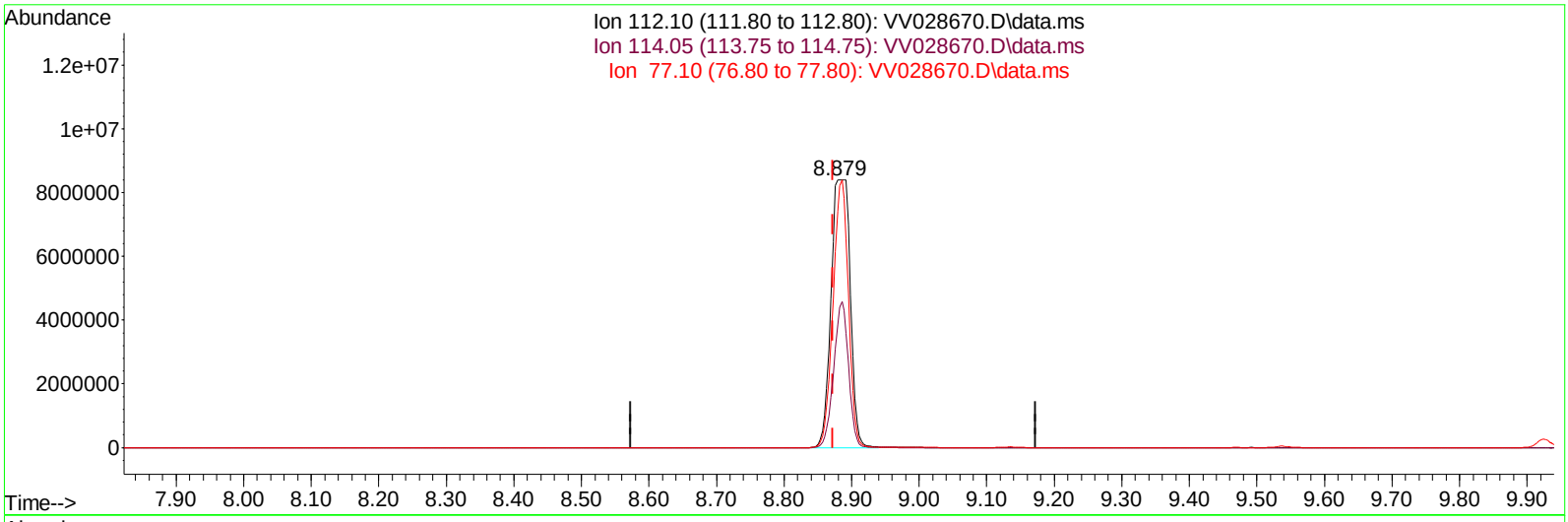


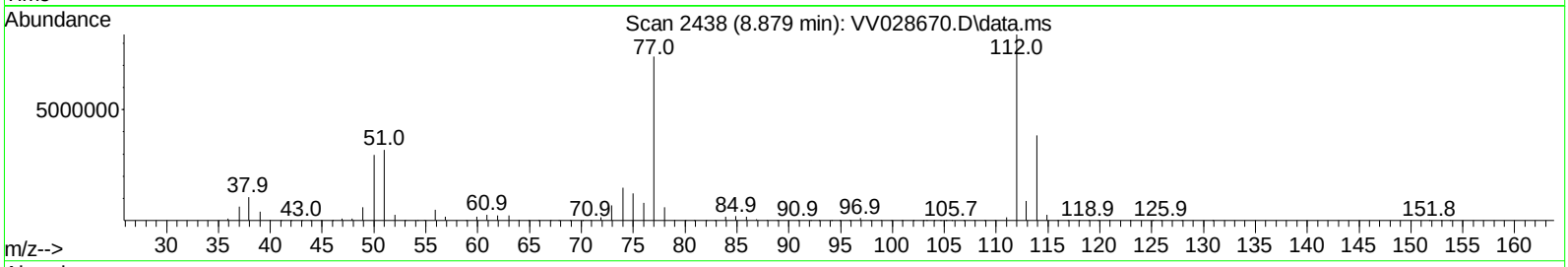


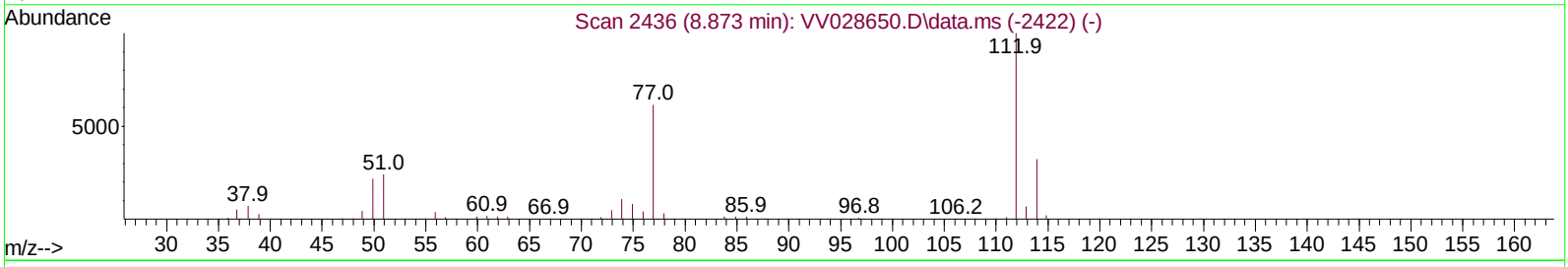


TIC: VV028670.D\data.ms

**(51) Chlorobenzene (T)**

**8.879min (+ 0.006) 505.77 ug/L m**

**response 16598931**

| Ion | Exp% | Act% |
|---|---|---|
| 112.10 | 100.00 | 100.00 |
| 114.05 | 31.50 | 45.93# |
| 77.10 | 62.50 | 88.21# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102122\
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Acq On : 21 Oct 2022 18:43
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Sample : N5216-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

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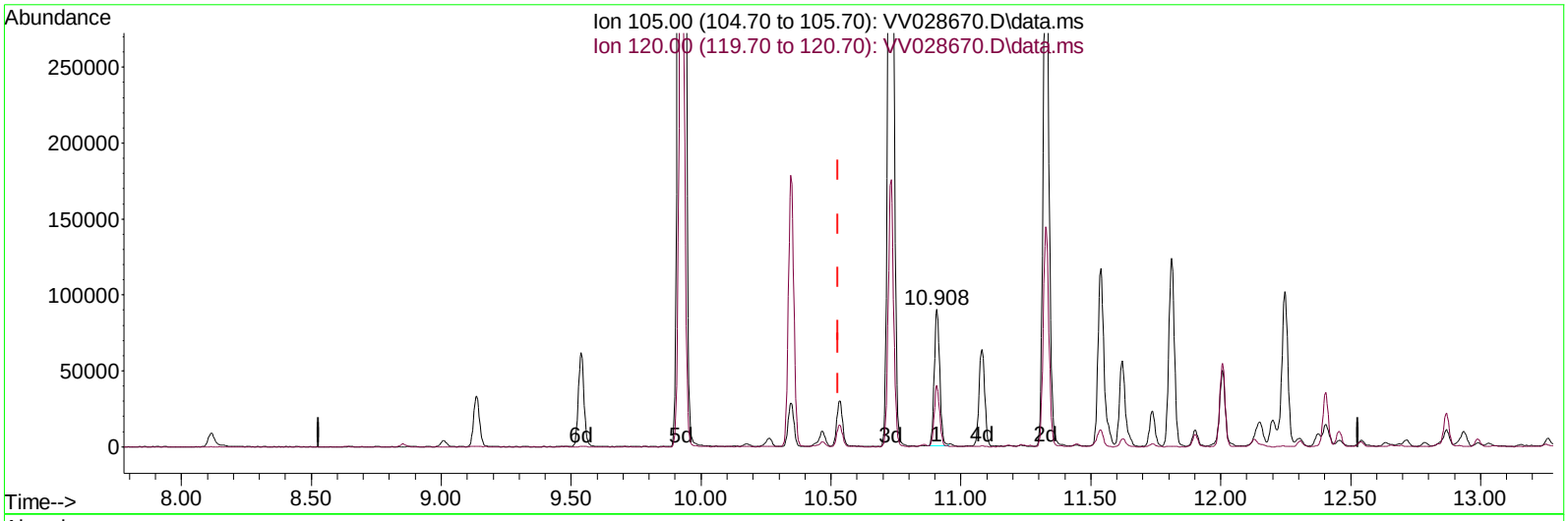
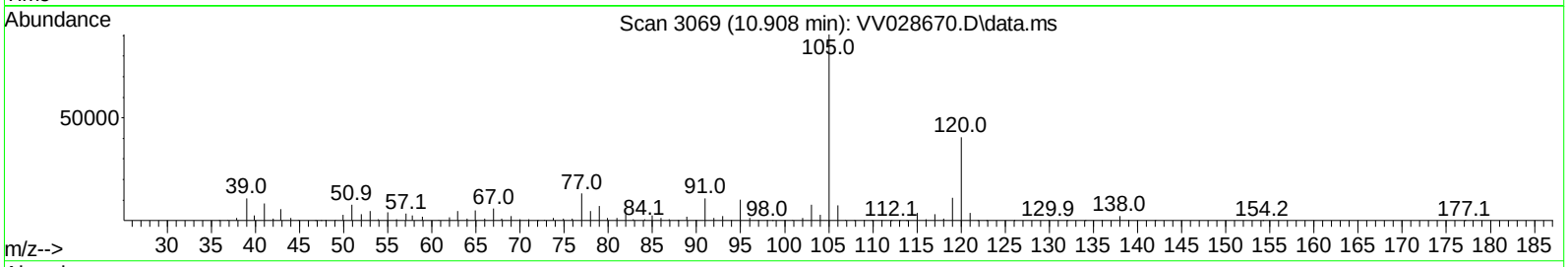
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 21 22:58:36 2022
Response via : Initial Calibration

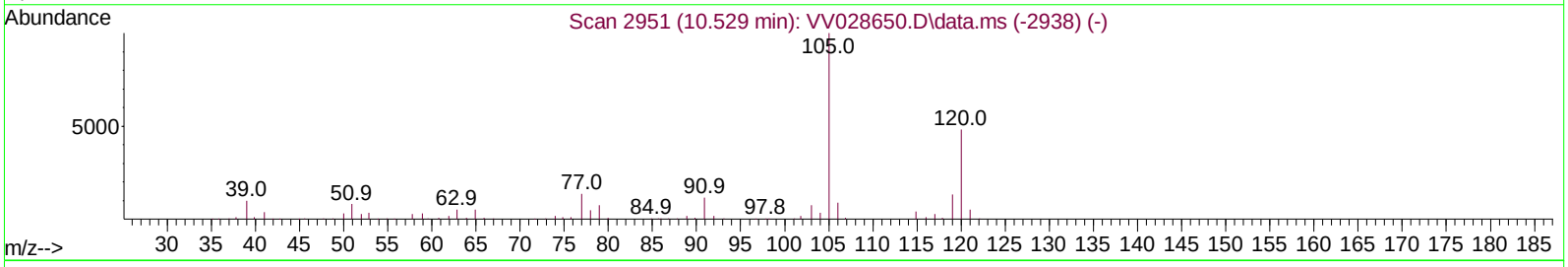
**Instrument :**
MSVOA_V
**ClientSampleId :**
BHA75

**Manual IntegrationsAPPROVED**

Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/28/2022




TIC: VV028670.D\data.ms

**(62) 1,3,5-Trimethylbenzene (T)**

**10.908min (+ 0.379) 6.74 ug/L**

**response 131549**

| Ion | Exp% | Act% |
|---|---|---|
| 105.00 | 100.00 | 100.00 |
| 120.00 | 47.90 | 45.17 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102122\
Data File : VV028670.D
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Operator : SY/MD
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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 21 23:05:11 2022
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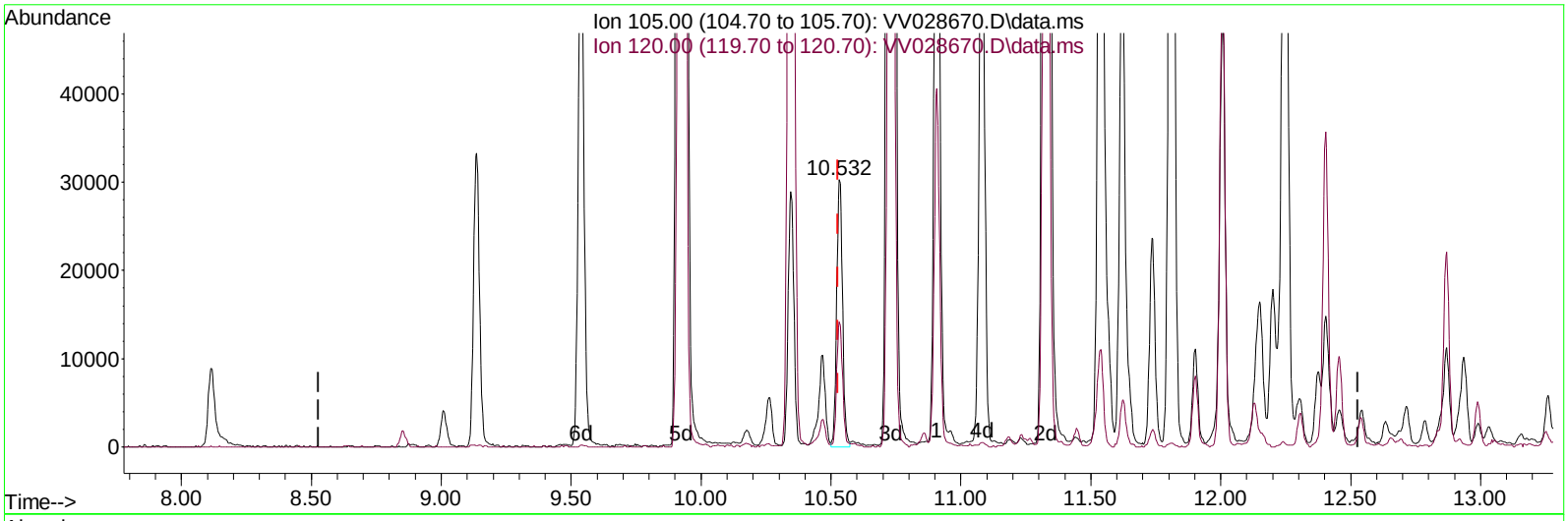
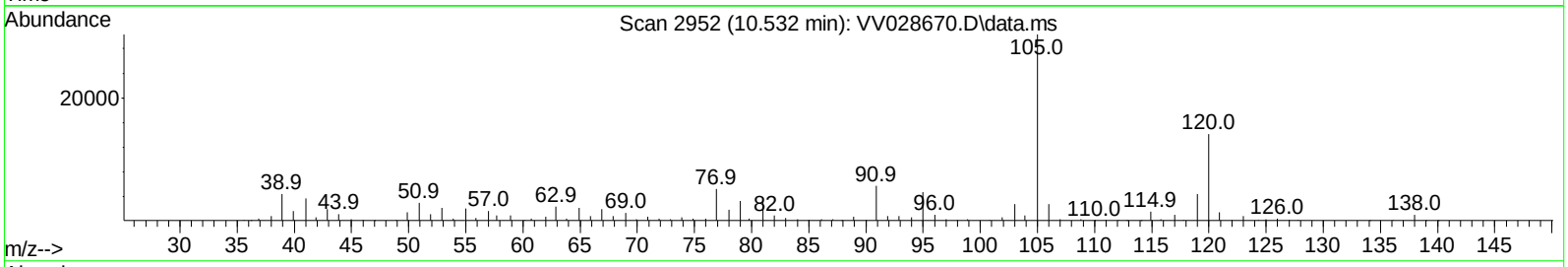
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 21 22:58:36 2022
Response via : Initial Calibration

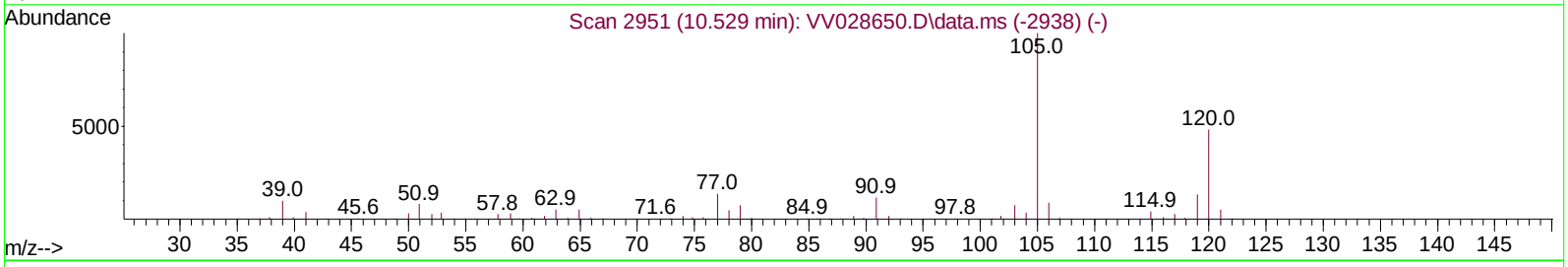
**Instrument :**
MSVOA_V
**ClientSampleId :**
BHA75

**Manual IntegrationsAPPROVED**

Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/28/2022




TIC: VV028670.D\data.ms

**(62) 1,3,5-Trimethylbenzene (T)**

**10.532min (+ 0.003) 2.43 ug/L m**

**response 47473**

| Ion | Exp% | Act% |
|---|---|---|
| 105.00 | 100.00 | 100.00 |
| 120.00 | 47.90 | 125.16# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Data File : VV028670.D
Acq On : 21 Oct 2022 18:43
Operator : SY/MD
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Misc : 25.0mL/MSVOA_V/WATER
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Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
BHA75

**Manual IntegrationsAPPROVED**

Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/28/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.590 | 114 | 226922 | 5.000 | ug/L | -0.01 |
| 28) Chlorobenzene-d5 | 8.853 | 117 | 144495 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.242 | 152 | 81363 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.294 | 65 | 87350 | 3.888 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 77.800% | | | |
| 7) Chloroethane-d5 | 1.558 | 69 | 73251 | 4.148 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 83.000% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.095 | 63 | 123571 | 3.165 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 63.400% | | | |
| 20) 2-Butanone-d5 | 3.953 | 46 | 171797 | 40.628 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 81.260% | | | |
| 24) Chloroform-d | 4.342 | 84 | 141494 | 4.246 | ug/L | 0.01 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 85.000% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.027 | 65 | 90538 | 5.016 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 100.400% | | | |
| 32) Benzene-d6 | 5.034 | 84 | 314024 | 4.995 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 99.800% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.043 | 67 | 106892 | 5.422 | ug/L | -0.01 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 108.400% | | | |
| 41) Toluene-d8 | 7.310 | 98 | 228199 | 5.019 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 100.400% | | | |
| 43) trans-1,3-Dichloroprop... | 7.622 | 79 | 21427 | 4.477 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 89.600% | | | |
| 46) 2-Hexanone-d5 | 8.114 | 63 | 98015 | 49.327 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 98.660% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.213 | 84 | 50010 | 5.371 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 107.400% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.615 | 152 | 76878 | 5.257 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 105.200% | | | |
| Target Compounds | | | | | | Qvalue |
| 8) Chloroethane | 1.574 | 64 | 194399 | 13.584 | ug/L | 97 |
| 13) Acetone | 2.236 | 43 | 42348 | 15.623 | ug/L | 88 |
| 18) trans-1,2-Dichloroethene | 2.744 | 96 | 3513 | 0.220 | ug/L | 95 |
| 19) 1,1-Dichloroethane | 3.175 | 63 | 4154 | 0.111 | ug/L # | 80 |
| 30) Cyclohexane | 4.654 | 56 | 108484 | 3.977 | ug/L | 99 |
| 33) Benzene | 5.075 | 78 | 20029246m | 295.478 | ug/L | |
| 35) Methylcyclohexane | 6.085 | 83 | 78840 | 3.211 | ug/L # | 86 |
| 42) Toluene | 7.381 | 91 | 67305 | 1.199 | ug/L | 100 |
| 51) Chlorobenzene | 8.879 | 112 | 16598931m | 505.767 | ug/L | |
| 52) Ethylbenzene | 9.008 | 91 | 131202 | 2.261 | ug/L | 98 |
| 53) m,p-Xylene | 9.136 | 106 | 113974 | 5.375 | ug/L | 98 |
| 54) o-Xylene | 9.538 | 106 | 222956 | 10.601 | ug/L | 97 |
| 60) Isopropylbenzene | 9.924 | 105 | 2311206 | 33.989 | ug/L # | 84 |
| 62) 1,3,5-Trimethylbenzene | 10.532 | 105 | 47473m | 2.431 | ug/L | |
| 63) 1,2,4-Trimethylbenzene | 10.908 | 105 | 131549 | 2.501 | ug/L | 100 |
| 64) 1,3-Dichlorobenzene | 11.175 | 146 | 37097 | 1.378 | ug/L | 96 |
| 65) 1,4-Dichlorobenzene | 11.265 | 146 | 258069 | 9.495 | ug/L | 99 |
| 67) 1,2-Dichlorobenzene | 11.635 | 146 | 110580 | 4.417 | ug/L | 97 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

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

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