Quantitation Report (Qedit)

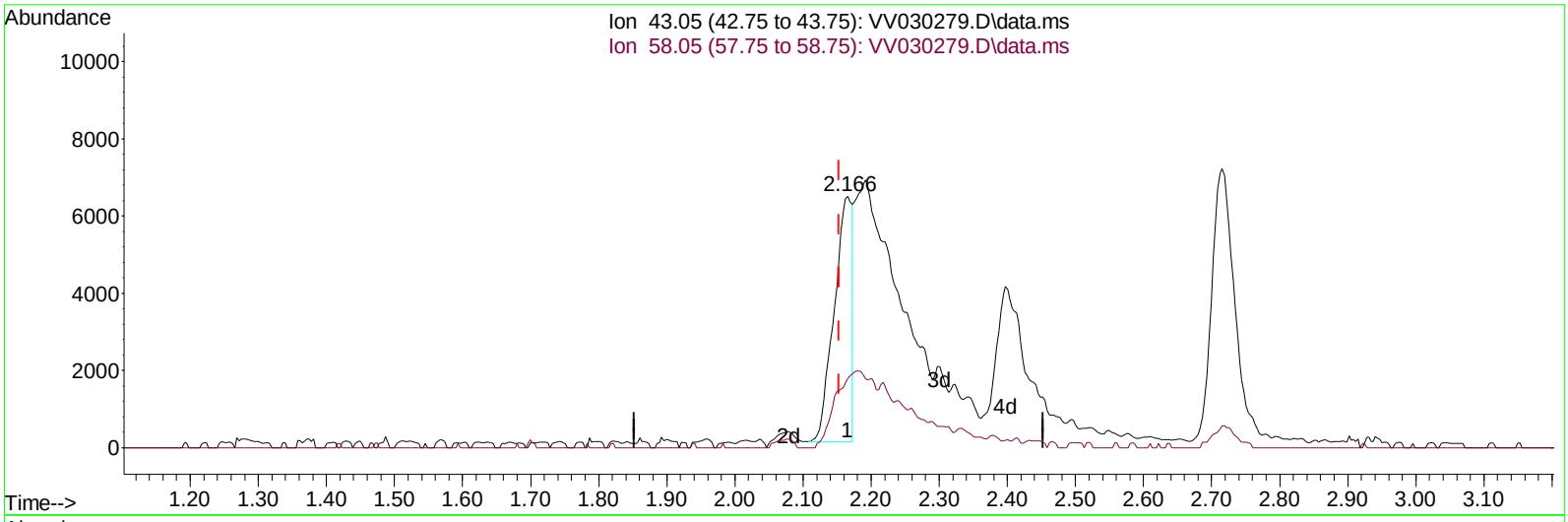
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032123\
Data File : VV030279.D
Acq On : 21 Mar 2023 15:44
Operator : SY/MD
Sample : 01996-02MS
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

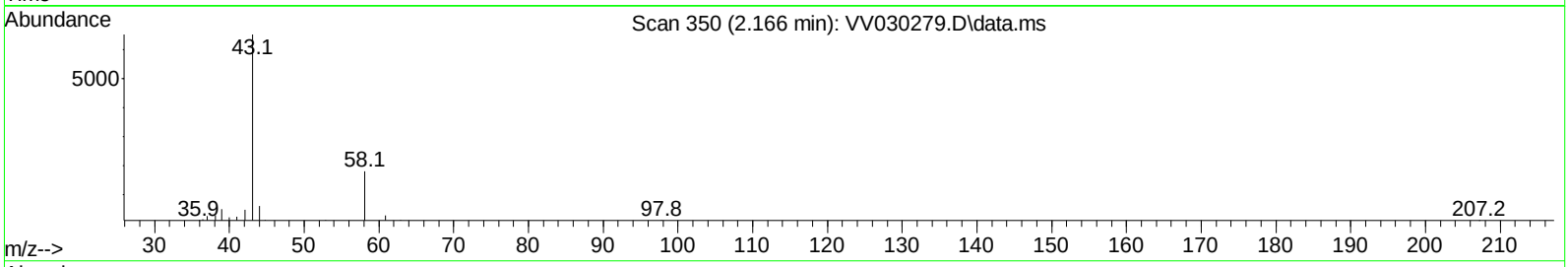
Quant Time: Mar 22 06:07:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Mar 22 06:04:48 2023
Response via : Initial Calibration

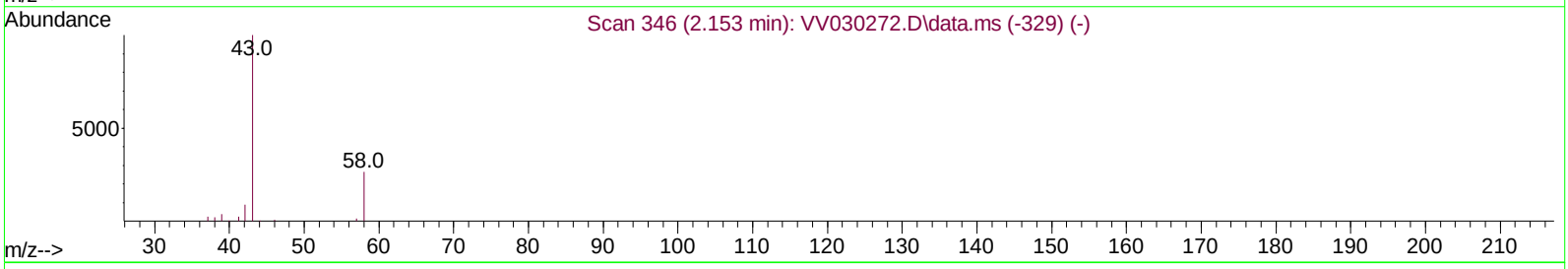
**Instrument :**
MSVOA_V
**ClientSampleId :**
H0A24MS

**Manual IntegrationsAPPROVED**

Reviewed By :Krupa Patel 03/22/2023
Supervised By :Mahesh Dadoda 03/22/2023




TIC: VV030279.D\data.ms

**(13) Acetone (T)**

**2.166min (+ 0.013) 11.81 ug/L**

**response 11662**

| Ion | Exp% | Act% |
|---|---|---|
| 43.05 | 100.00 | 100.00 |
| 58.05 | 14.70 | 63.54# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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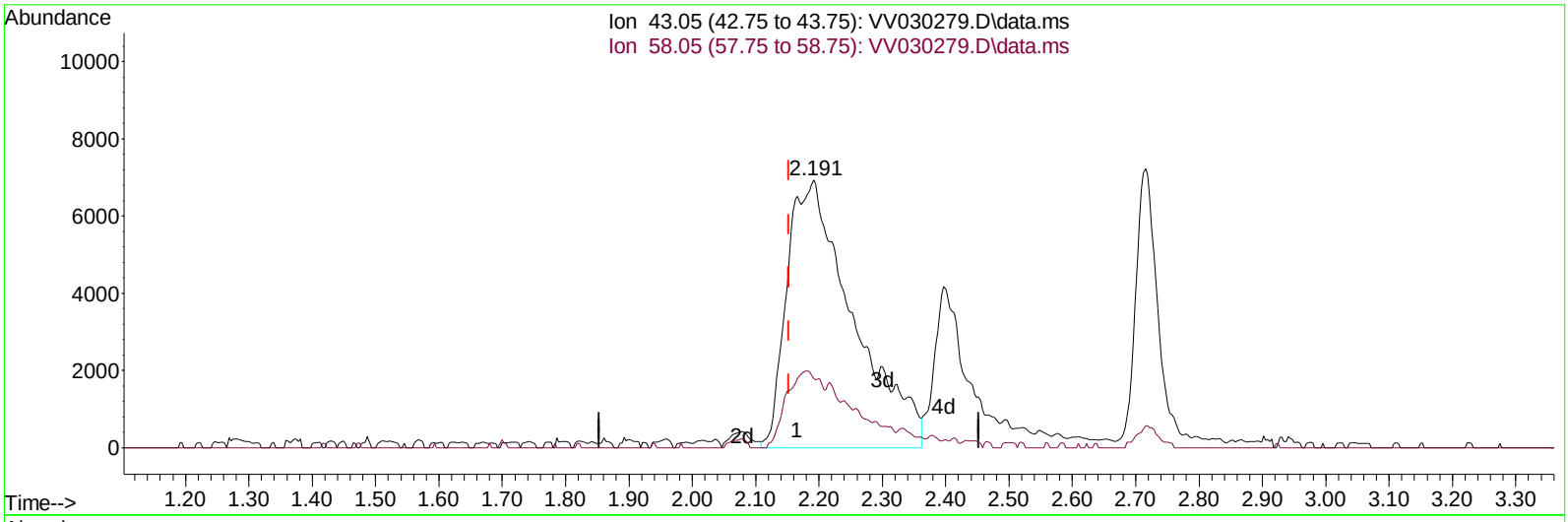


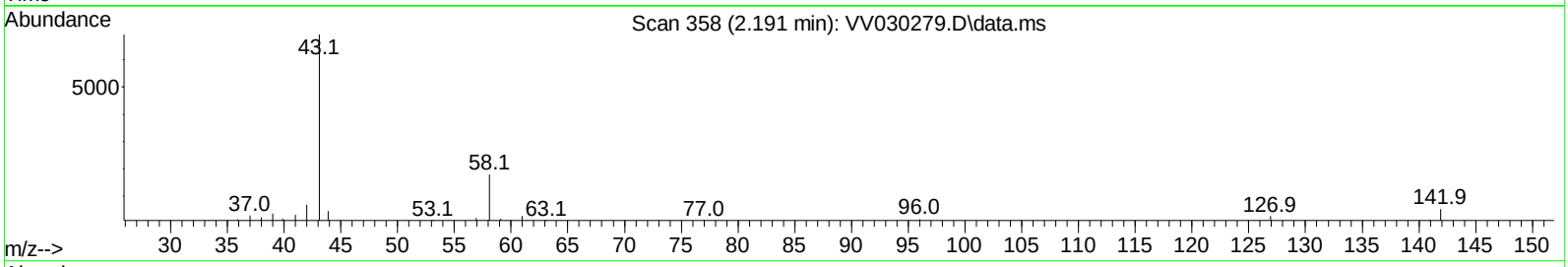


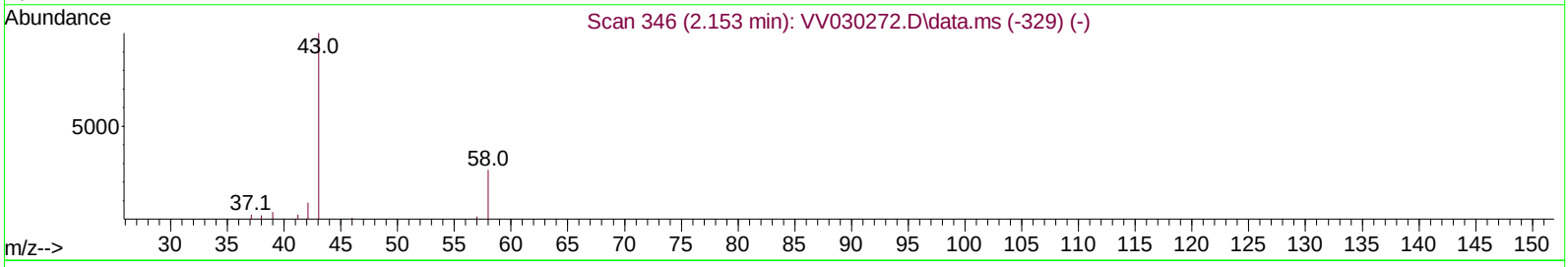


TIC: VV030279.D\data.ms

**(13) Acetone (T)**

**2.191min (+ 0.039) 50.65 ug/L m**

**response 50017**

| Ion | Exp% | Act% |
|---|---|---|
| 43.05 | 100.00 | 100.00 |
| 58.05 | 14.70 | 14.81 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
MSVOA_V
**ClientSampleId :**
H0A24MS

**Manual IntegrationsAPPROVED**

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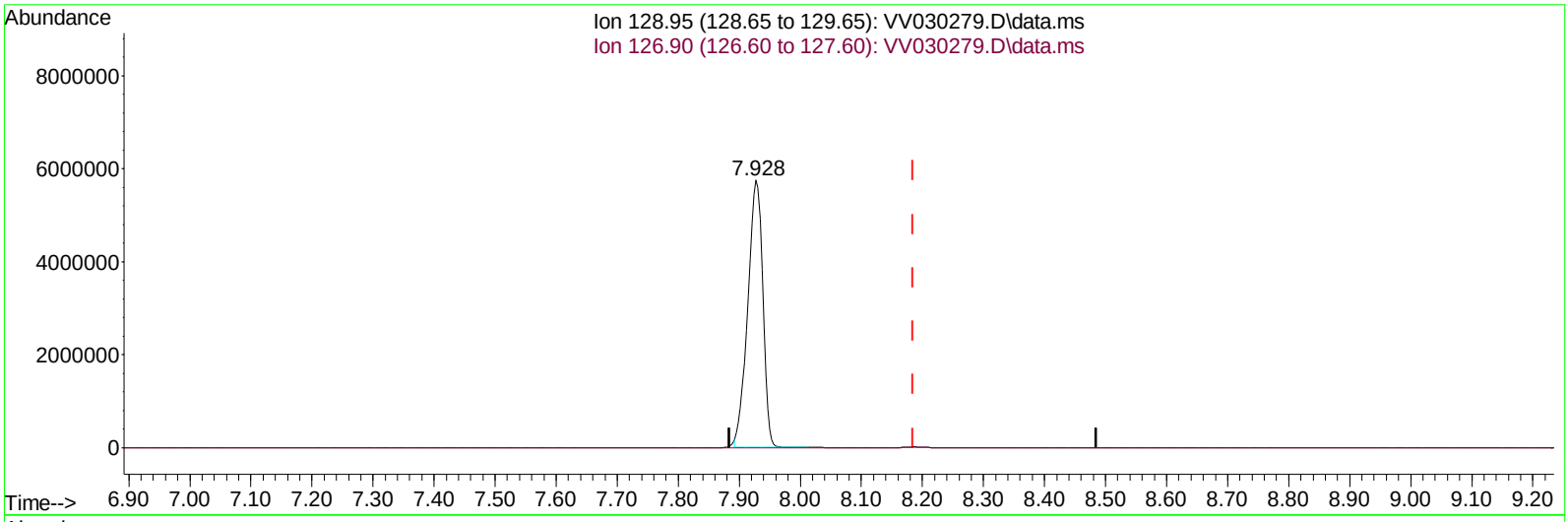


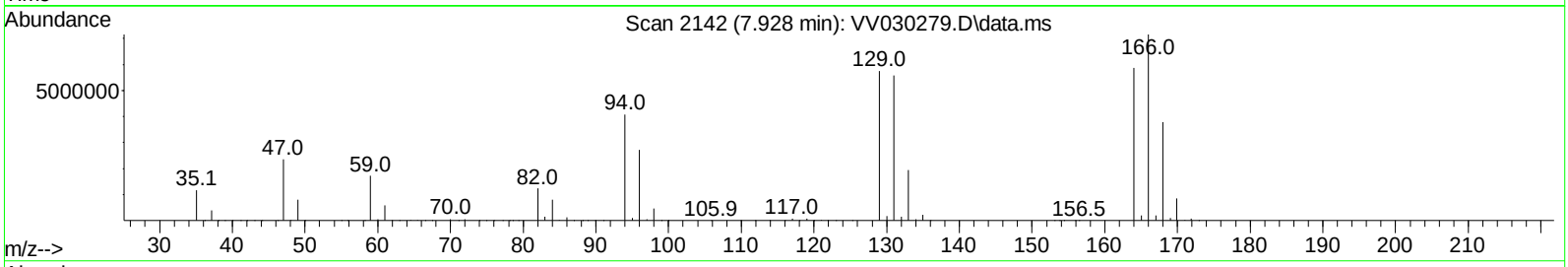


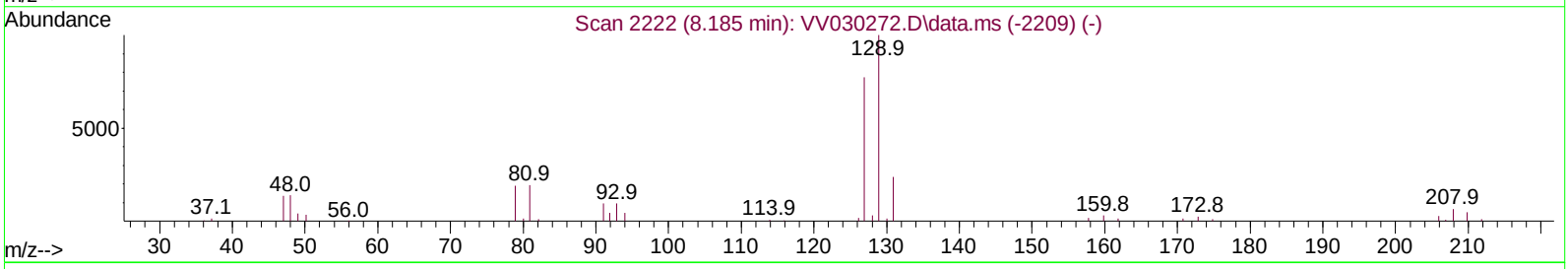


TIC: VV030279.D\data.ms

**(49) Dibromochloromethane (T)**

**7.928min (-0.257) 1694.18 ug/L**

**response 9793527**

| Ion | Exp% | Act% |
|---|---|---|
| 128.95 | 100.00 | 100.00 |
| 126.90 | 78.10 | 0.00# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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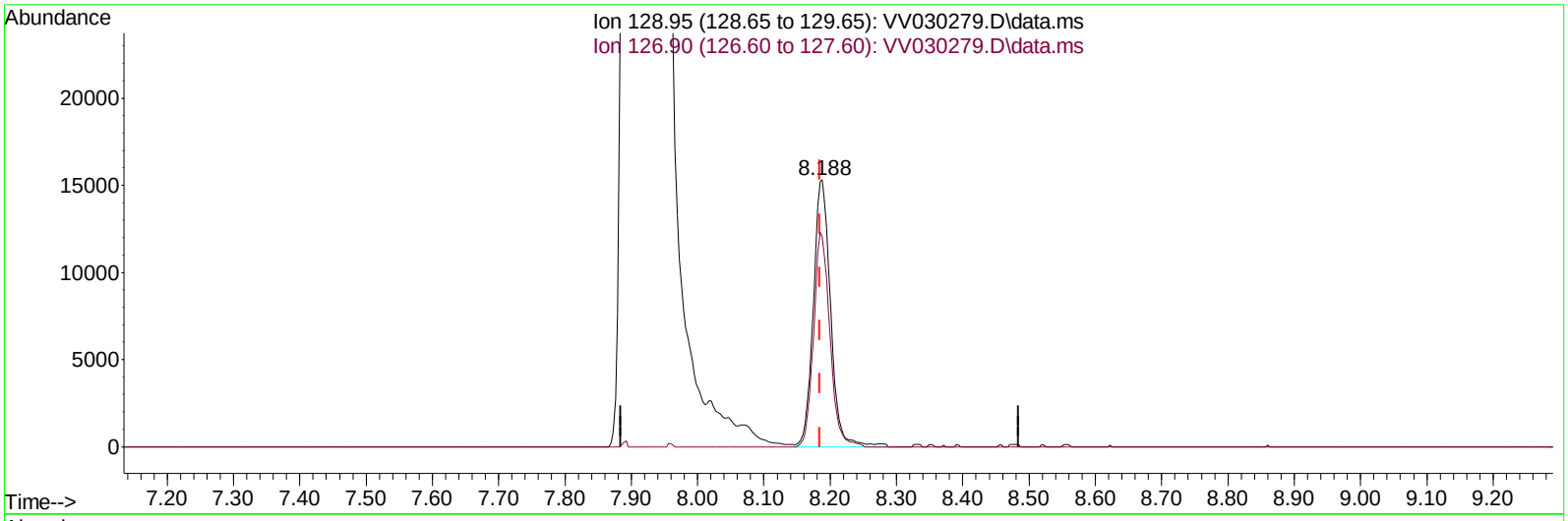
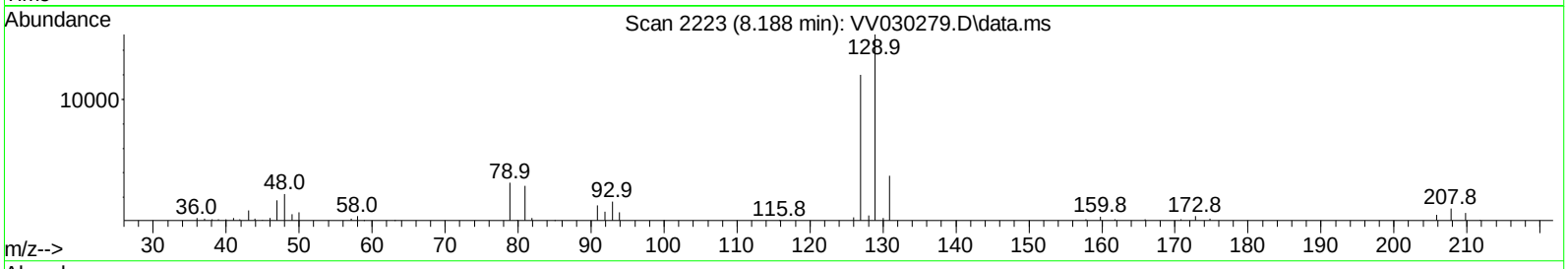
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Mar 22 06:04:48 2023
Response via : Initial Calibration

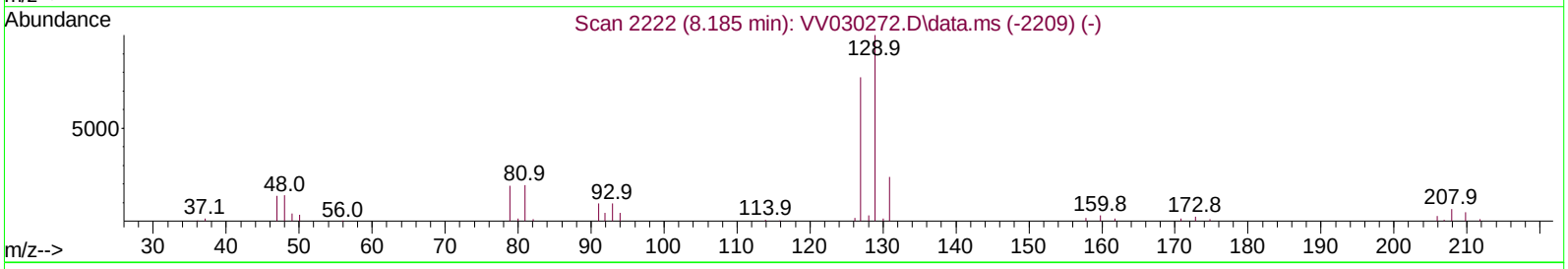
**Instrument :**
MSVOA_V
**ClientSampleId :**
H0A24MS

**Manual IntegrationsAPPROVED**

Reviewed By :Krupa Patel 03/22/2023
Supervised By :Mahesh Dadoda 03/22/2023




TIC: VV030279.D\data.ms

**(49) Dibromochloromethane (T)**

**8.188min (+ 0.003) 4.80 ug/L m**

**response 27763**

| Ion | Exp% | Act% |
|---|---|---|
| 128.95 | 100.00 | 100.00 |
| 126.90 | 78.10 | 78.59 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032123\
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Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
H0A24MS

**Manual IntegrationsAPPROVED**

Reviewed By :Krupa Patel 03/22/2023
Supervised By :Mahesh Dadoda 03/22/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.545 | 114 | 111999 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.792 | 117 | 99366 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.194 | 152 | 57492 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.278 | 65 | 29954 | 4.133 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 82.600% | | | |
| 7) Chloroethane-d5 | 1.535 | 69 | 27995 | 4.115 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 82.400% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.072 | 63 | 171123 | 11.486 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 229.800%# | | | |
| 20) 2-Butanone-d5 | 3.847 | 46 | 69833 | 52.266 | ug/L | 0.03 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 104.540% | | | |
| 24) Chloroform-d | 4.262 | 84 | 69978 | 4.727 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 94.600% | | | |
| 26) 1,2-Dichloroethane-d4 | 4.957 | 65 | 35367 | 5.852 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 117.000% | | | |
| 32) Benzene-d6 | 4.973 | 84 | 116192 | 4.346 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 87.000% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.002 | 67 | 34490 | 4.288 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 85.800% | | | |
| 41) Toluene-d8 | 7.252 | 98 | 113206 | 4.467 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 89.400% | | | |
| 43) trans-1,3-Dichloroprop... | 7.564 | 79 | 11695 | 4.250 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 85.000% | | | |
| 46) 2-Hexanone-d5 | 8.040 | 63 | 58320 | 51.224 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 102.440% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.162 | 84 | 24496 | 4.281 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 85.600% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.570 | 152 | 43650 | 4.487 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 89.800% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.108 | 85 | 34608 | 3.798 | ug/L | 99 |
| 3) Chloromethane | 1.217 | 50 | 50537 | 3.519 | ug/L | 99 |
| 5) Vinyl chloride | 1.285 | 62 | 38458 | 4.030 | ug/L | 99 |
| 6) Bromomethane | 1.490 | 94 | 10011 | 5.844 | ug/L | 93 |
| 8) Chloroethane | 1.552 | 64 | 24340 | 4.186 | ug/L | 98 |
| 9) Trichlorofluoromethane | 1.716 | 101 | 64910 | 4.741 | ug/L | 99 |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.072 | 101 | 33260 | 3.917 | ug/L | 95 |
| 12) 1,1-Dichloroethene | 2.072 | 96 | 210731 | 28.037 | ug/L # | 76 |
| 13) Acetone | 2.191 | 43 | 50017m | 50.648 | ug/L | |
| 14) Carbon disulfide | 2.246 | 76 | 59487 | 2.958 | ug/L | 99 |
| 15) Methyl Acetate | 2.397 | 43 | 9768 | 4.235 | ug/L # | 78 |
| 16) Methylene chloride | 2.452 | 84 | 32972 | 3.591 | ug/L | 94 |
| 17) Methyl tert-butyl Ether | 2.716 | 73 | 71617 | 4.872 | ug/L # | 93 |
| 18) trans-1,2-Dichloroethene | 2.703 | 96 | 27815 | 3.890 | ug/L | 94 |
| 19) 1,1-Dichloroethane | 3.121 | 63 | 74539 | 5.596 | ug/L | 97 |
| 21) 2-Butanone | 3.924 | 43 | 61731 | 46.480 | ug/L | 87 |
| 22) cis-1,2-Dichloroethene | 3.825 | 96 | 266549 | 33.727 | ug/L | 93 |
| 23) Bromochloromethane | 4.159 | 128 | 15047 | 4.456 | ug/L | 94 |

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**Manual IntegrationsAPPROVED**

Reviewed By :Krupa Patel 03/22/2023
Supervised By :Mahesh Dadoda 03/22/2023

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 25) Chloroform | 4.288 | 83 | 112062 | 8.088 | ug/L | | 99 |
| 27) 1,2-Dichloroethane | 5.053 | 62 | 41265 | 5.694 | ug/L | # | 93 |
| 29) 1,1,1-Trichloroethane | 4.523 | 97 | 875527 | 75.006 | ug/L | | 97 |
| 30) Cyclohexane | 4.593 | 56 | 37494 | 3.717 | ug/L | | 97 |
| 31) Carbon tetrachloride | 4.748 | 117 | 61389 | 5.851 | ug/L | | 100 |
| 33) Benzene | 5.021 | 78 | 121230 | 4.467 | ug/L | | 100 |
| 34) Trichloroethene | 5.841 | 95 | 556342 | 73.163 | ug/L | | 99 |
| 35) Methylcyclohexane | 6.063 | 83 | 38774 | 3.369 | ug/L | | 92 |
| 37) 1,2-Dichloropropane | 6.104 | 63 | 29656 | 4.295 | ug/L | # | 97 |
| 38) Bromodichloromethane | 6.442 | 83 | 45895 | 5.207 | ug/L | | 98 |
| 39) cis-1,3-Dichloropropene | 6.963 | 75 | 39242 | 3.883 | ug/L | | 99 |
| 40) 4-Methyl-2-pentanone | 7.172 | 43 | 176760 | 62.045 | ug/L | | 91 |
| 42) Toluene | 7.326 | 91 | 132757 | 4.517 | ug/L | | 99 |
| 44) trans-1,3-Dichloropropene | 7.593 | 75 | 32197 | 4.081 | ug/L | | 95 |
| 45) 1,1,2-Trichloroethane | 7.783 | 97 | 24623 | 4.984 | ug/L | | 96 |
| 47) Tetrachloroethene | 7.928 | 164 | 10300021 | 1578.026 | ug/L | | 93 |
| 48) 2-Hexanone | 8.088 | 43 | 114032 | 55.911 | ug/L | | 91 |
| 49) Dibromochloromethane | 8.188 | 129 | 27763m | 4.803 | ug/L | | |
| 50) 1,2-Dibromoethane | 8.294 | 107 | 19262 | 4.179 | ug/L | # | 95 |
| 51) Chlorobenzene | 8.821 | 112 | 82217 | 4.148 | ug/L | | 99 |
| 52) Ethylbenzene | 8.956 | 91 | 130568 | 4.082 | ug/L | | 100 |
| 53) m,p-Xylene | 9.082 | 106 | 51325 | 4.175 | ug/L | | 95 |
| 54) o-Xylene | 9.487 | 106 | 51263 | 4.365 | ug/L | | 99 |
| 55) Styrene | 9.506 | 104 | 87847 | 4.498 | ug/L | | 99 |
| 57) 1,1,2,2-Tetrachloroethane | 10.188 | 83 | 24258 | 4.390 | ug/L | # | 99 |
| 59) Bromoform | 9.673 | 173 | 16634 | 4.827 | ug/L | | 99 |
| 60) Isopropylbenzene | 9.876 | 105 | 139636 | 4.221 | ug/L | | 99 |
| 61) 1,2,3-Trichloropropane | 10.220 | 75 | 17957 | 4.667 | ug/L | | 98 |
| 62) 1,3,5-Trimethylbenzene | 10.484 | 105 | 113832 | 4.189 | ug/L | | 99 |
| 63) 1,2,4-Trimethylbenzene | 10.860 | 105 | 117542 | 4.229 | ug/L | | 100 |
| 64) 1,3-Dichlorobenzene | 11.127 | 146 | 75323 | 4.373 | ug/L | | 98 |
| 65) 1,4-Dichlorobenzene | 11.217 | 146 | 71910 | 4.138 | ug/L | | 98 |
| 67) 1,2-Dichlorobenzene | 11.590 | 146 | 69246 | 4.553 | ug/L | | 98 |
| 68) 1,2-Dibromo-3-chloropr... | 12.374 | 75 | 4470 | 5.201 | ug/L | | 89 |
| 69) 1,3,5-Trichlorobenzene | 12.593 | 180 | 54605 | 3.856 | ug/L | | 99 |
| 70) 1,2,4-trichlorobenzene | 13.207 | 180 | 43978 | 3.834 | ug/L | | 99 |
| 71) Naphthalene | 13.448 | 128 | 67369 | 4.494 | ug/L | | 100 |
| 72) 1,2,3-Trichlorobenzene | 13.689 | 180 | 39378 | 4.170 | ug/L | | 98 |

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

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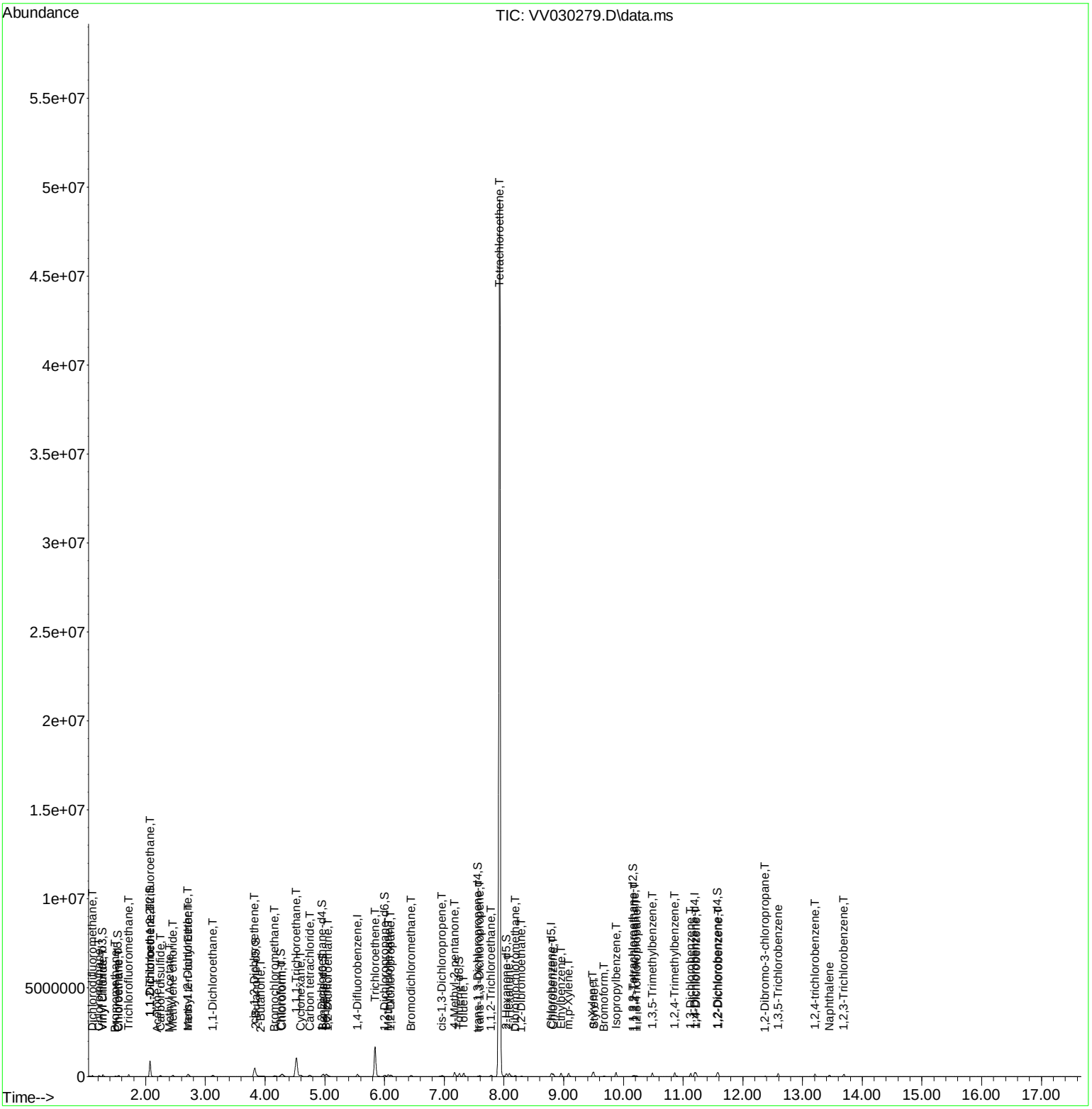
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