Quantitation Report (Qedit)

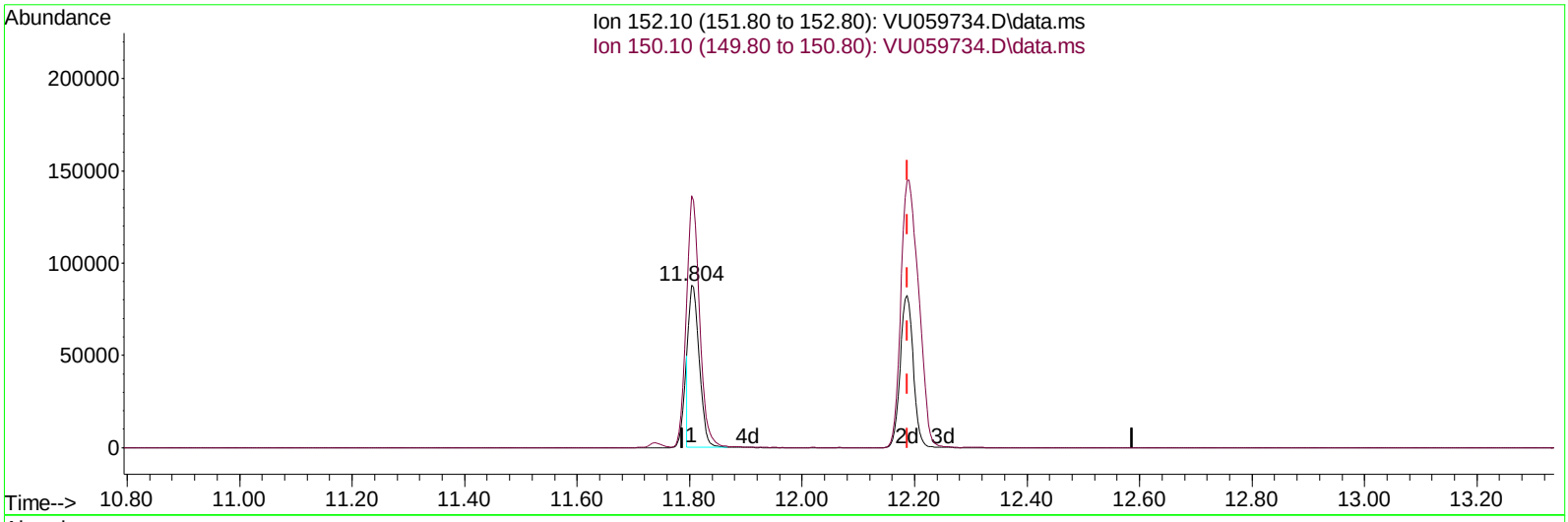
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070224\
Data File : VU059734.D
Acq On : 02 Jul 2024 13:12
Operator : MD/SY
Sample : P3108-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

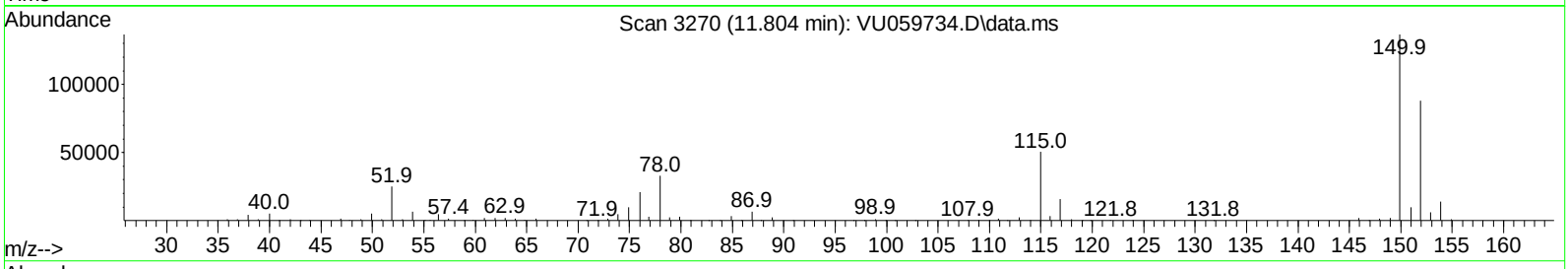
Quant Time: Jul 03 01:54:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 03 01:39:57 2024
Response via : Initial Calibration

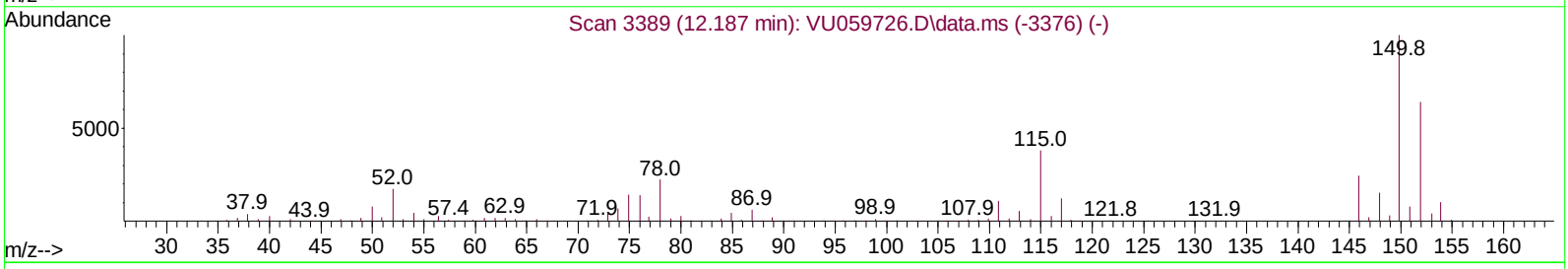
**Instrument :**
MSVOA_U
**ClientSampleId :**
C0ST5

**Manual IntegrationsAPPROVED**

Reviewed By :Mahesh Dadoda 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024




TIC: VU059734.D\data.ms

**(66) 1,2-Dichlorobenzene-d4 (S)**

**11.804min (-0.383) 44.72 ug/L**

**response 115277**

| Ion | Exp% | Act% |
|---|---|---|
| 152.10 | 100.00 | 100.00 |
| 150.10 | 170.00 | 160.33 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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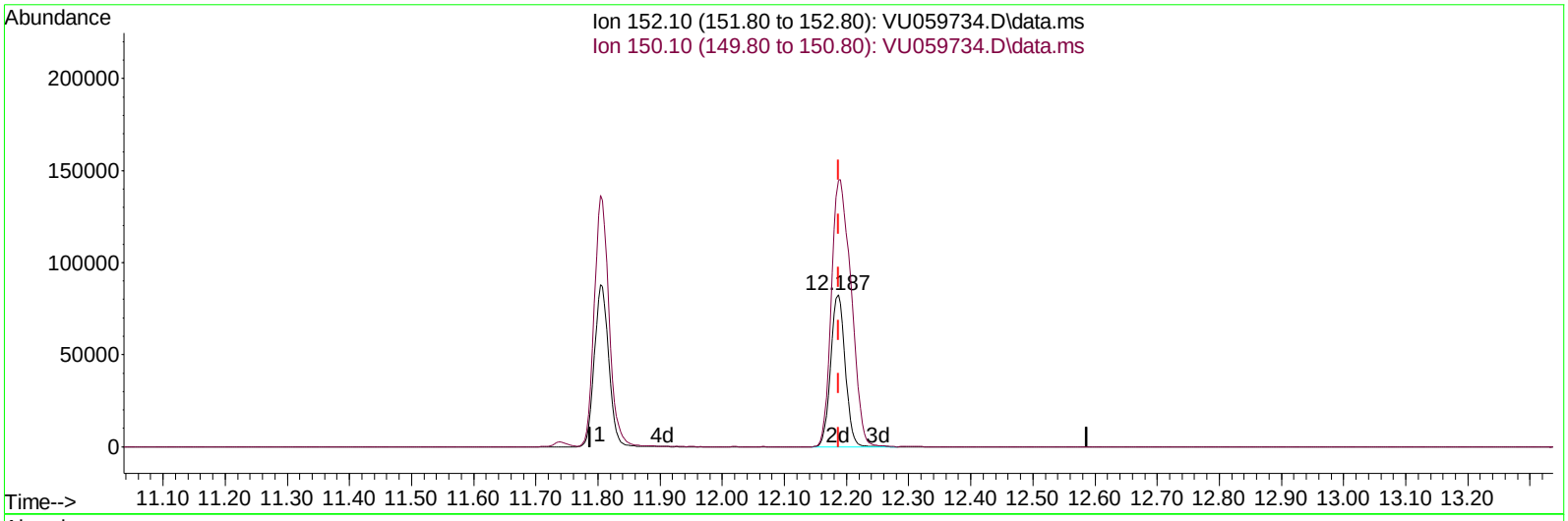


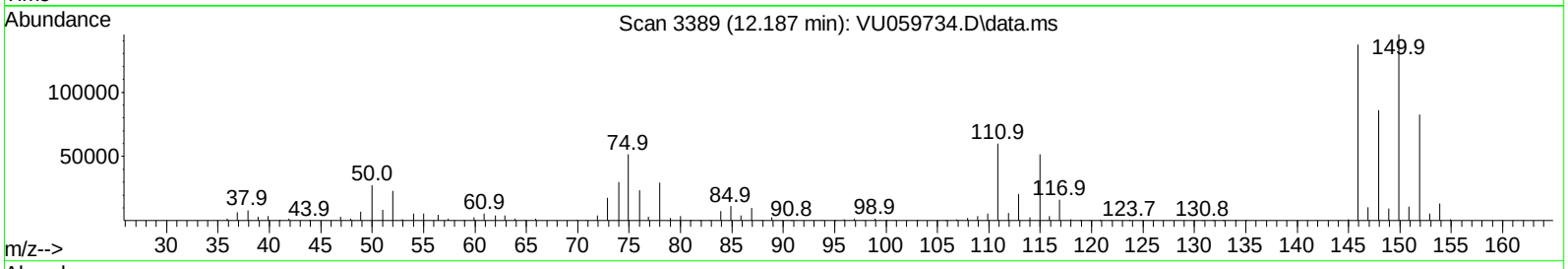


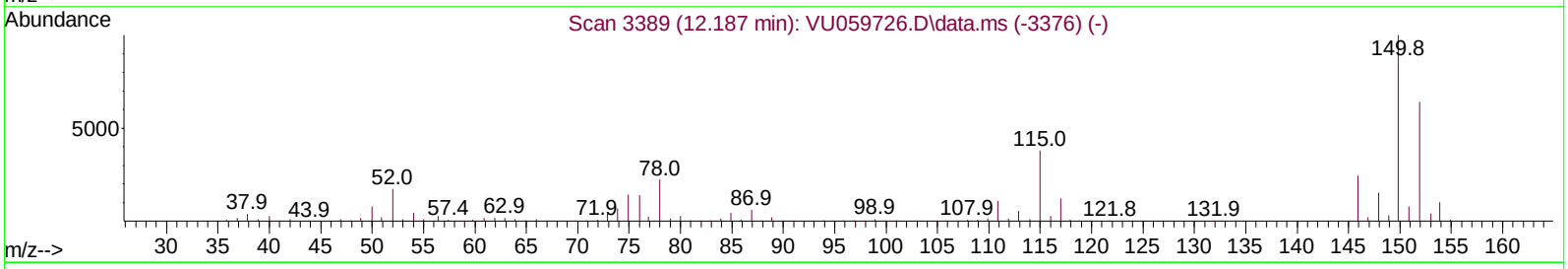


TIC: VU059734.D\data.ms

**(66) 1,2-Dichlorobenzene-d4 (S)**

**12.187min (-0.000) 51.91 ug/L m**

**response 133813**

| Ion | Exp% | Act% |
|---|---|---|
| 152.10 | 100.00 | 100.00 |
| 150.10 | 170.00 | 138.12 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Data File : VU059734.D
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Operator : MD/SY
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis
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**Instrument :**
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**Manual IntegrationsAPPROVED**

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.242 | 114 | 293907 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.409 | 117 | 288753 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.804 | 152 | 140285 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.595 | 65 | 95333 | 50.519 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 101.040% | | | |
| 7) Chloroethane-d5 | 1.907 | 69 | 80890 | 50.961 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 101.920% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.560 | 63 | 125629 | 37.473 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 74.940% | | | |
| 21) 2-Butanone-d5 | 4.608 | 46 | 138318 | 105.470 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 105.470% | | | |
| 24) Chloroform-d | 5.052 | 84 | 174812 | 47.836 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 95.680% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.692 | 65 | 110230 | 50.730 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 101.460% | | | |
| 32) Benzene-d6 | 5.717 | 84 | 373421 | 50.502 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 101.000% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.682 | 67 | 115171 | 50.327 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 100.660% | | | |
| 41) Toluene-d8 | 7.891 | 98 | 335066 | 47.651 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 95.300% | | | |
| 43) trans-1,3-Dichloroprop... | 8.174 | 79 | 50373 | 47.040 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 94.080% | | | |
| 47) 2-Hexanone-d5 | 8.624 | 63 | 98345 | 101.970 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 101.970% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84 | 174518 | 49.685 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 99.360% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.187 | 152 | 133813m | 51.908 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 103.820% | | | |
| Target Compounds | | | | | | Qvalue |
| 13) Acetone | 2.618 | 43 | 20286 | 15.022 | ug/L | 100 |
| 51) Chlorobenzene | 9.441 | 112 | 163910 | 29.004 | ug/L | 98 |
| 64) 1,3-Dichlorobenzene | 11.740 | 146 | 38329 | 9.038 | ug/L | 98 |
| 65) 1,4-Dichlorobenzene | 11.830 | 146 | 63784 | 14.549 | ug/L | 97 |
| 67) 1,2-Dichlorobenzene | 12.206 | 146 | 1041833 | 243.180 | ug/L | 100 |
| 70) 1,2,4-trichlorobenzene | 13.833 | 180 | 181088 | 65.709 | ug/L | 100 |
| 72) 1,2,3-Trichlorobenzene | 14.325 | 180 | 85479 | 30.914 | ug/L | 99 |

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

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