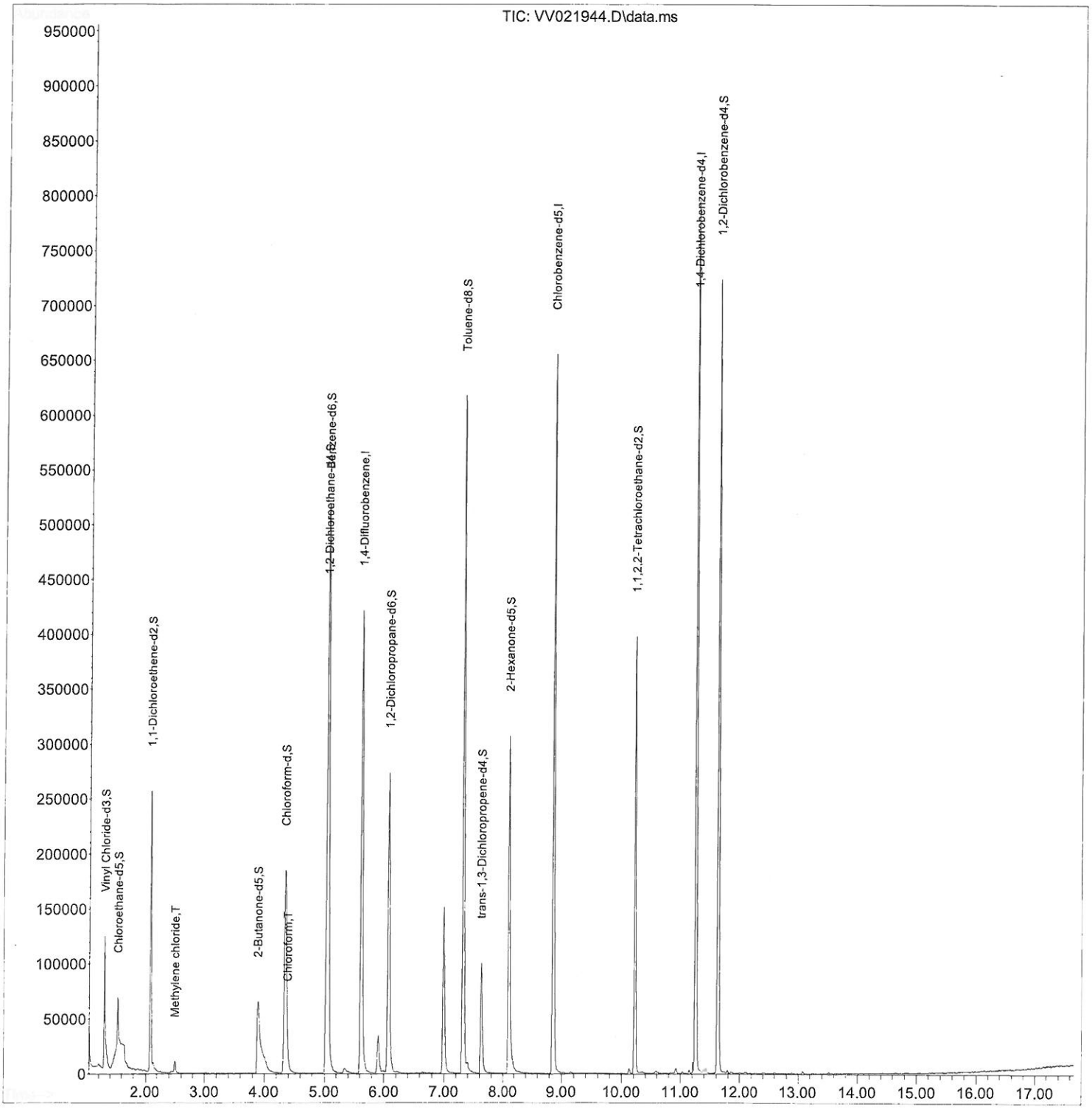
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082521\
Data File : VV021944.D
Acq On : 25 Aug 2021 12:58
Operator : SY/MD
Sample : M3518-08ME
Misc : 5.28g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 26 05:18:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 26 05:17:05 2021
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AZ4ME

**Manual Integrations APPROVED**
SAM
8/26/2021 1:08:33 PM



Quantitation Report (Qedit)

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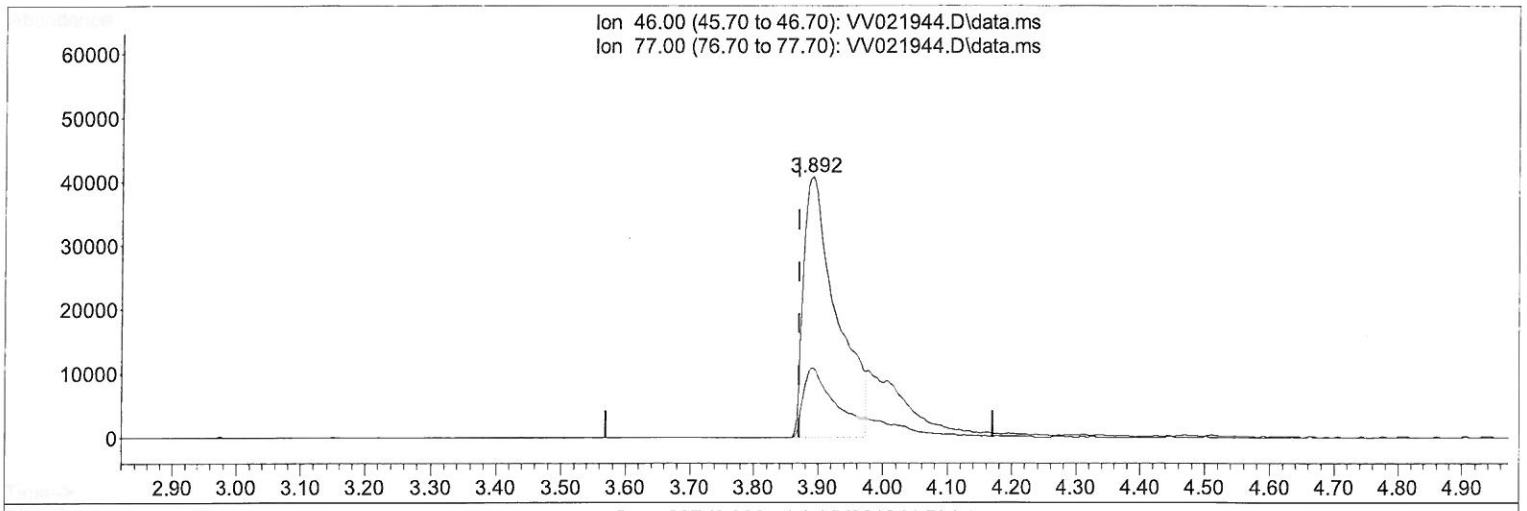
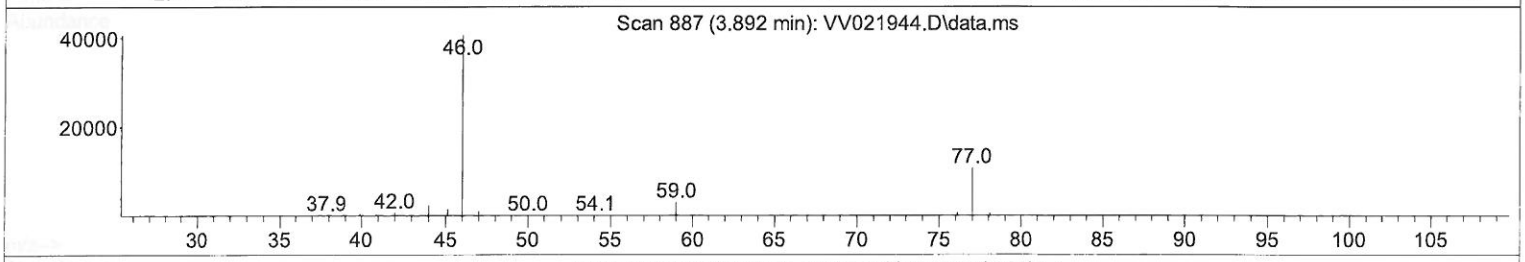
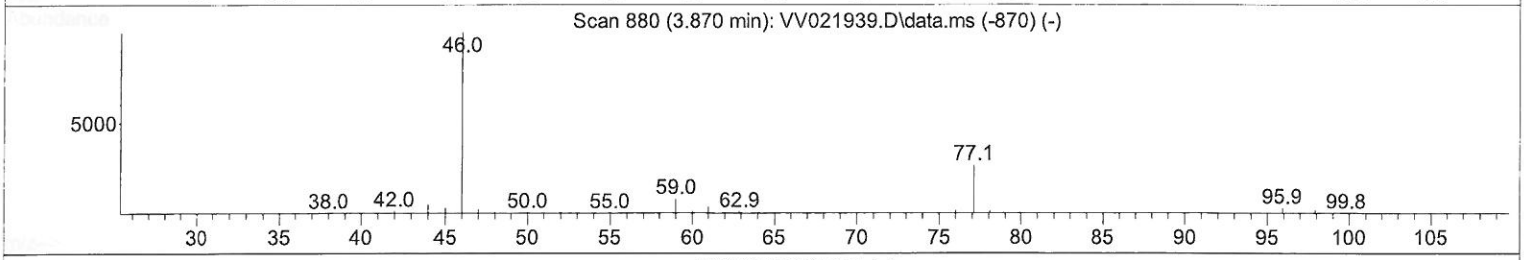
8/26/2021 1:08:33 PM




TIC: VV021944.D\data.ms

(21) 2-Butanone-d5 (S)

3.892min (+ 0.022) 72.70 ug/L

response 143982

| Ion | Exp% | Act% |
|---|---|---|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 25.90 | 25.44 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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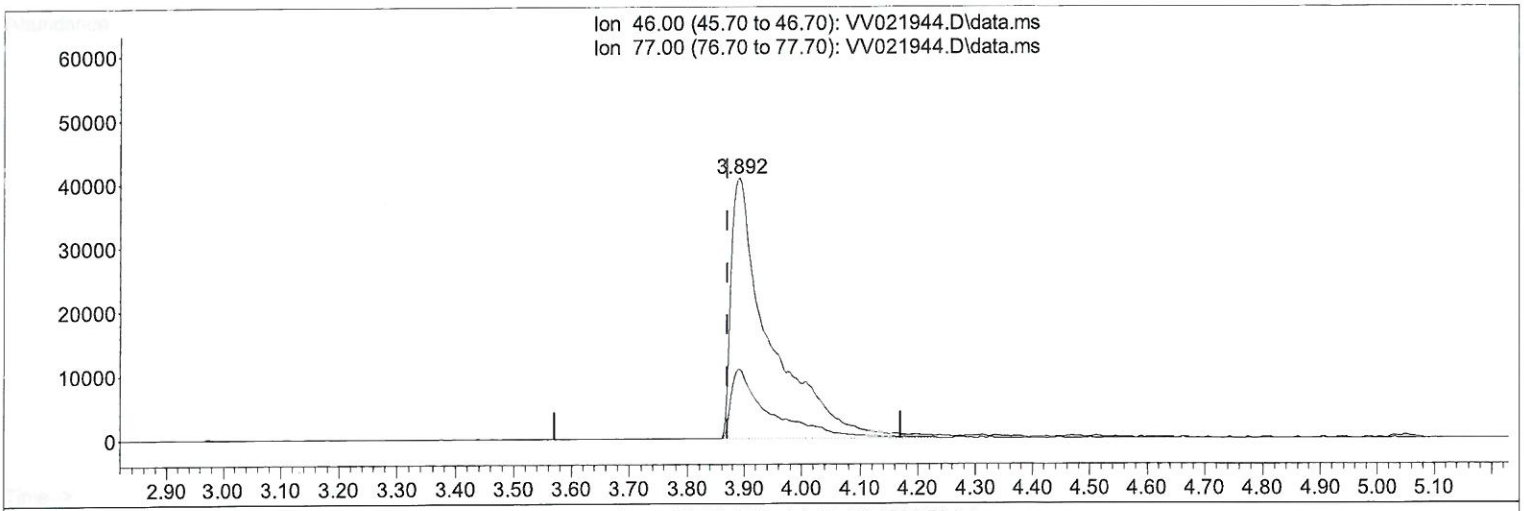
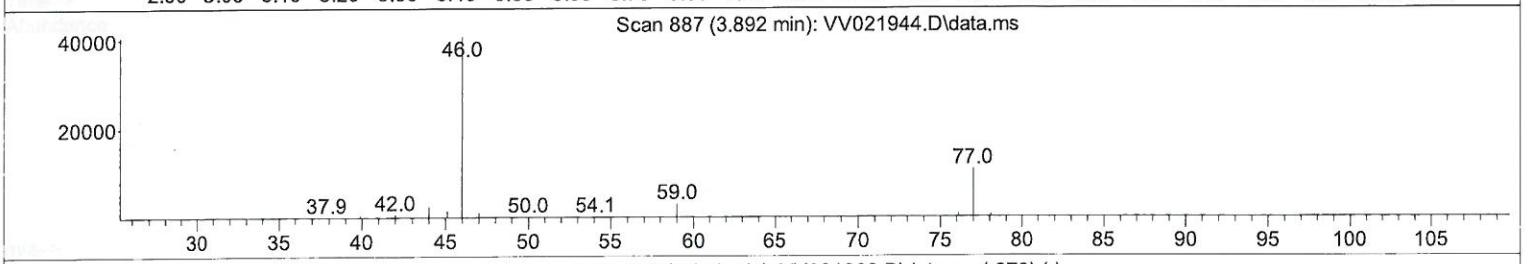
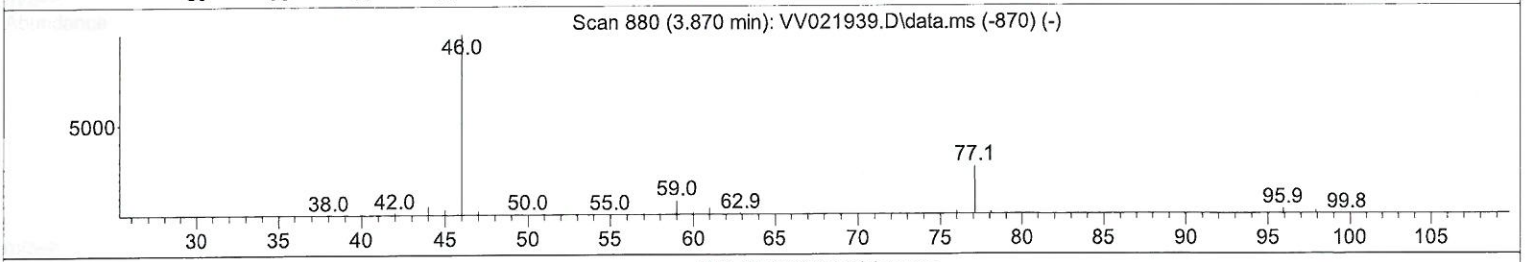
**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AZ4ME

**Manual Integrations APPROVED**
SAM
8/26/2021 1:08:33 PM




TIC: VV021944.D\data.ms

(21) 2-Butanone-d5 (S)

3.892min (+ 0.022) 96.70 ug/L m 9/7/21

response 191517

| Ion | Exp% | Act% |
|---|---|---|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 25.90 | 19.13 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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Quant Title : VOC Analysis
QLast Update : Thu Aug 26 05:17:05 2021
Response via : Initial Calibration

**Instrument :** MSVOA_V
**ClientSampleId :** C0AZ4ME

**Manual Integrations APPROVED**
SAM
8/26/2021 1:08:33 PM

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.616 | 114 | 407334 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.857 | 117 | 399710 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.255 | 152 | 219238 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.304 | 65 | 108229 | 33.987 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 67.980% | | | |
| 7) Chloroethane-d5 | 1.532 | 69 | 28171 | 11.723 | ug/L | -0.03 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 23.440%# | | | |
| 11) 1,1-Dichloroethene-d2 | 2.079 | 63 | 130633 | 25.772 | ug/L | -0.03 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 51.540%# | | | |
| 21) 2-Butanone-d5 | 3.892 | 46 | 191517m | 96.702 | ug/L | 0.02 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 96.700% | | | |
| 24) Chloroform-d | 4.346 | 84 | 209726 | 38.014 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 76.020% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.030 | 65 | 138314 | 43.584 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 87.160% | | | |
| 32) Benzene-d6 | 5.043 | 84 | 461802 | 40.177 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 80.360% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.069 | 67 | 146194 | 40.843 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 81.680% | | | |
| 41) Toluene-d8 | 7.317 | 98 | 436966 | 41.130 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 82.260% | | | |
| 43) trans-1,3-Dichloroprop... | 7.625 | 79 | 68517 | 38.895 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 77.780% | | | |
| 47) 2-Hexanone-d5 | 8.104 | 63 | 120565 | 102.770 | ug/L | 0.02 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 102.770% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.223 | 84 | 192124 | 43.313 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 86.620% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.628 | 152 | 196007 | 43.200 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 86.400% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Methylene chloride | 2.494 | 84 | 4611 | 1.377 | ug/L | 87 |
| 25) Chloroform | 4.381 | 83 | 11587 | 2.141 | ug/L | 95 |

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

9/7/21