Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121020\
Data File : VV019518.D
Acq On : 10 Dec 2020 18:40
Operator : SY/MD
Sample : L4997-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 11 02:39:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 11 02:38:22 2020
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AN9

**Manual Integrations APPROVED**
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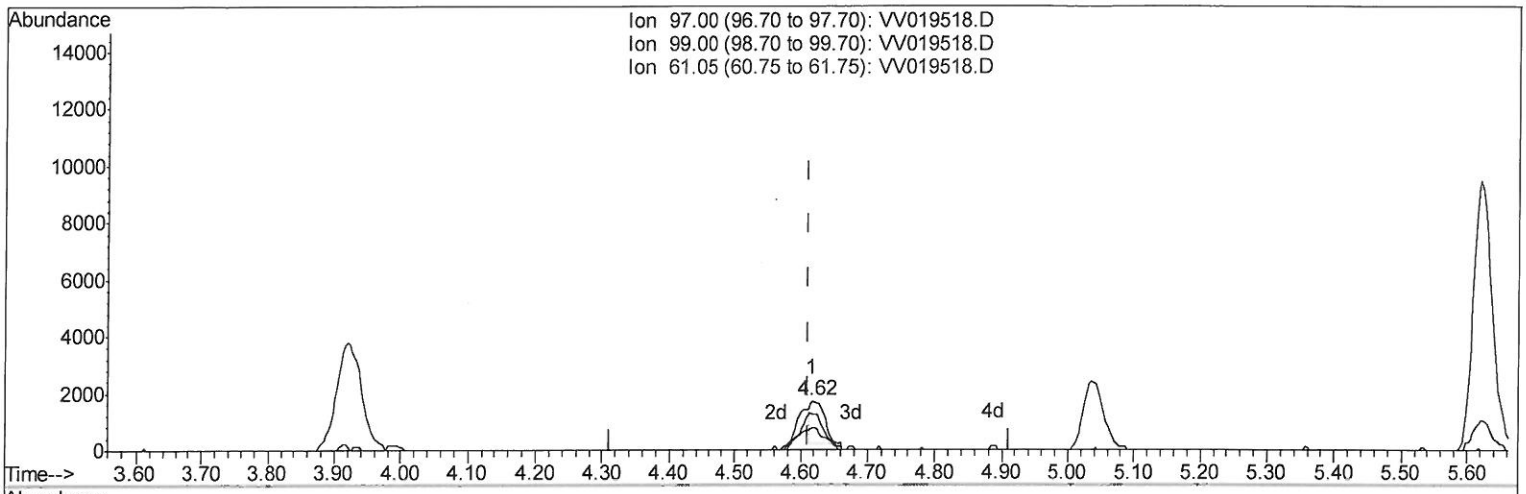
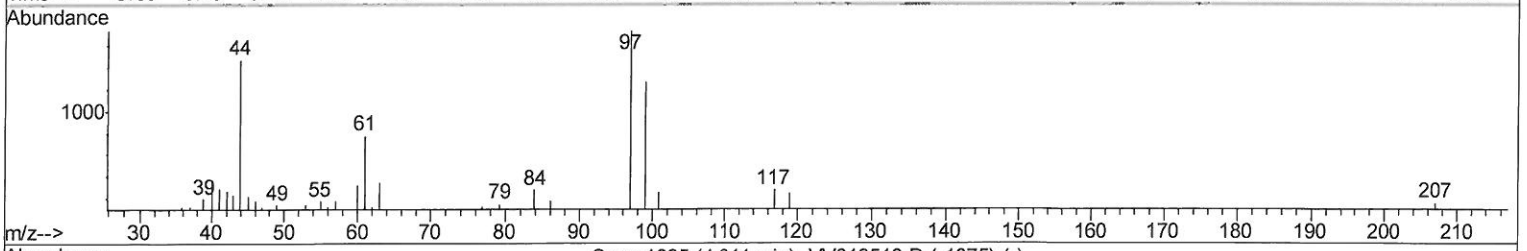
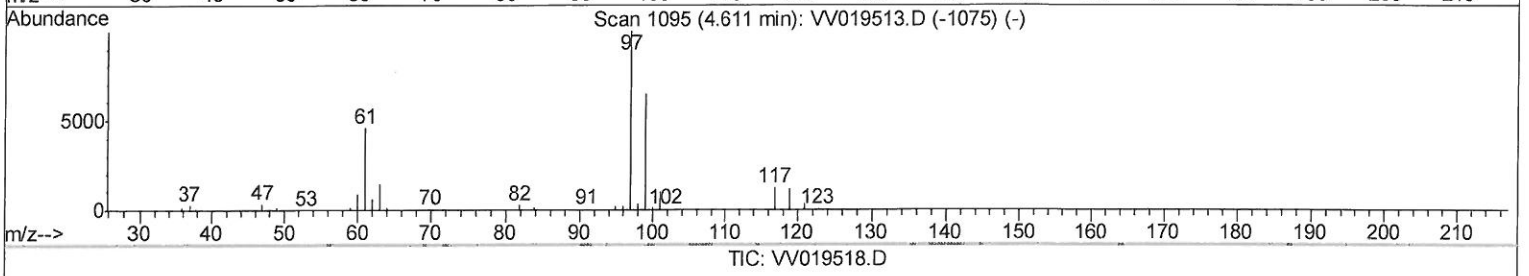
12/14/2020 9:11:36 AM




TIC: VV019518.D

(30) 1,1,1-Trichloroethane (T)

4.617min (+0.006) 0.34ug/L

response 2262

| Ion | Exp% | Act% |
|---|---|---|
| 97.00 | 100 | 100 |
| 99.00 | 64.10 | 87.14# |
| 61.05 | 45.40 | 81.43# |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
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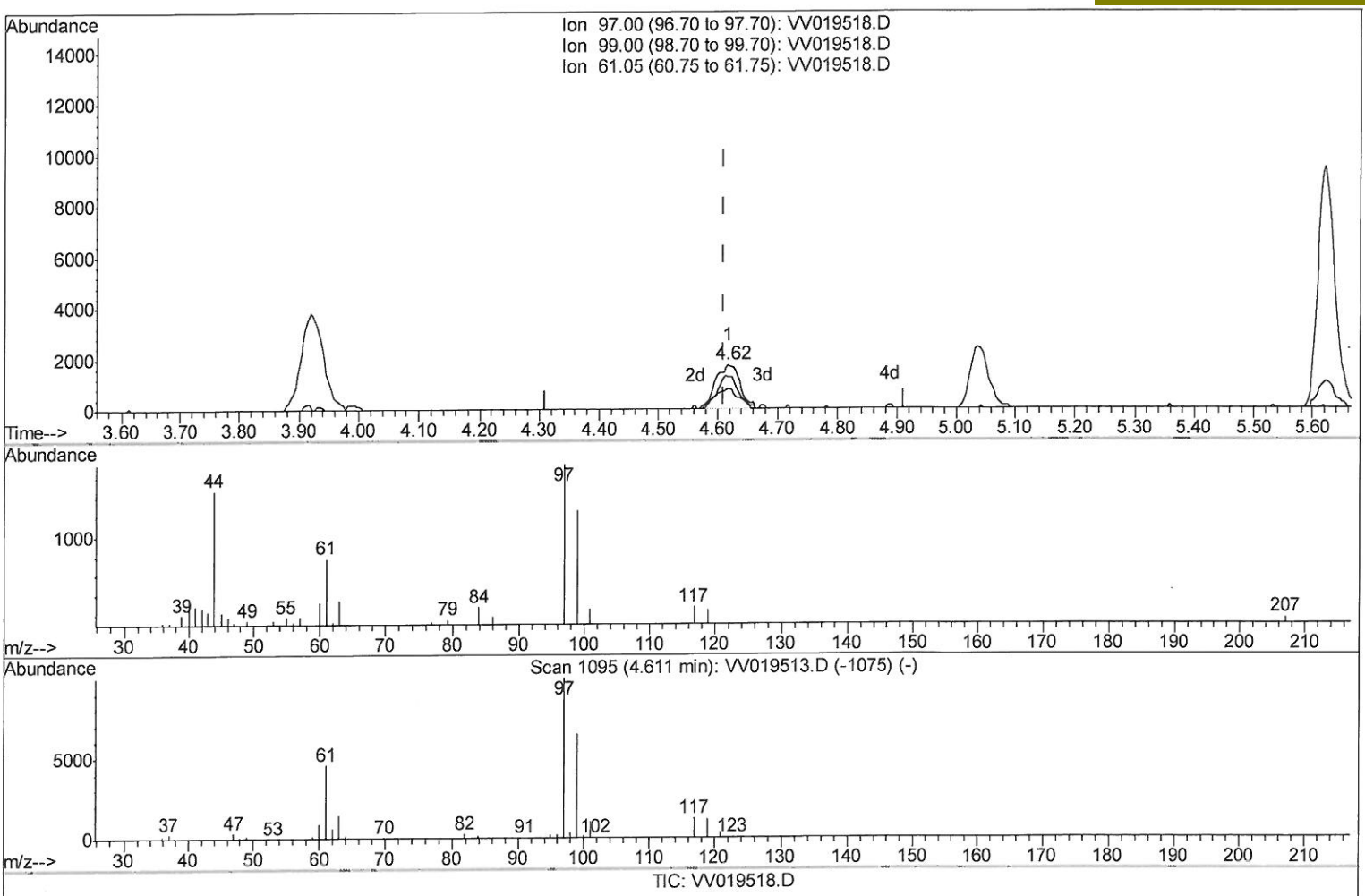


TIC: VV019518.D

(30) 1,1,1-Trichloroethane (T)

4.617min (+0.006) 0.72ug/L m 2/12/187 20 SY

response 4848

| Ion | Exp% | Act% |
|---|---|---|
| 97.00 | 100 | 100 |
| 99.00 | 64.10 | 40.66# |
| 61.05 | 45.40 | 38.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121020\
Data File : VV019518.D
Acq On : 10 Dec 2020 18:40
Operator : SY/MD
Sample : L4997-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AN9

Manual Integrations APPROVED
MMDadoda
12/14/2020 9:11:36 AM

Quant Time: Dec 11 03:33:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 11 02:38:22 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.62 | 114 | 581177 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.86 | 117 | 535314 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.25 | 152 | 250589 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.31 | 65 | 196537 | 47.16 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 94.32% | | | |
| 7) Chloroethane-d5 | 1.57 | 69 | 163758 | 49.82 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 99.64% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.11 | 63 | 300252 | 38.82 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 77.64% | | | |
| 21) 2-Butanone-d5 | 3.89 | 46 | 241864 | 106.78 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 106.78% | | | |
| 24) Chloroform-d | 4.35 | 84 | 385756 | 51.36 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 102.72% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.04 | 65 | 267300 | 54.46 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 108.92% | | | |
| 32) Benzene-d6 | 5.05 | 84 | 773371 | 54.17 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 108.34% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.07 | 67 | 242496 | 54.22 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 108.44% | | | |
| 41) Toluene-d8 | 7.32 | 98 | 688739 | 53.58 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 107.16% | | | |
| 43) trans-1,3-Dichloropropene- | 7.62 | 79 | 133667 | 52.54 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 105.08% | | | |
| 47) 2-Hexanone-d5 | 8.09 | 63 | 187939 | 107.07 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 107.07% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.22 | 84 | 316716 | 52.36 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 104.72% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.63 | 152 | 253074 | 54.03 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 108.06% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 20) cis-1,2-Dichloroethene | 3.92 | 96 | 6550 | 1.570 | ug/L # | 92 |
| 30) 1,1,1-Trichloroethane | 4.62 | 97 | 4848m | 0.722 | ug/L | 97 |
| 34) Trichloroethene | 5.93 | 95 | 8206 | 1.986 | ug/L | 97 |

12/10/2020

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

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**Manual Integrations APPROVED**
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12/14/2020 9:11:36 AM