Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021121\
Data File : VV020295.D
Acq On : 11 Feb 2021 10:50
Operator : SY/MD
Sample : VV0211WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VBLK97

Quant Time: Feb 12 00:26:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 12 00:25:49 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.622 | 114 | 564271 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.857 | 117 | 555107 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.255 | 152 | 268002 | 50.00 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.307 | 65 | 177099 | 43.05 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 86.10% | | | |
| 7) Chloroethane-d5 | 1.568 | 69 | 156688 | 46.42 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 92.84% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.108 | 63 | 269372 | 34.64 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 69.28% | | | |
| 21) 2-Butanone-d5 | 3.889 | 46 | 227651 | 99.05 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 99.05% | | | |
| 24) Chloroform-d | 4.352 | 84 | 339939 | 46.43 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 92.86% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.037 | 65 | 224295 | 48.33 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 96.66% | | | |
| 32) Benzene-d6 | 5.053 | 84 | 669561 | 46.55 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 93.10% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.075 | 67 | 209466 | 48.79 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 97.58% | | | |
| 41) Toluene-d8 | 7.320 | 98 | 611005 | 45.21 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 90.42% | | | |
| 43) trans-1,3-Dichloroprop... | 7.625 | 79 | 91703 | 41.90 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 83.80% | | | |
| 47) 2-Hexanone-d5 | 8.091 | 63 | 153153 | 85.74 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 85.74% | | | |
| 57) 1,1,2,2-Tetrachloroeth... | 10.223 | 84 | 277004 | 44.93 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 89.86% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.631 | 152 | 251989 | 49.69 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 99.38% | | | |
| Target Compounds | | | | | | Qvalue |
| 27) 1,2-Dichloroethane | 5.050 | 62 | 4133 | 0.76 | ug/L | 98 |
| 39) cis-1,3-Dichloropropene | 6.992 | 75 | 6276 | 1.05 | ug/L # | 63 |
| 48) 2-Hexanone | 8.149 | 43 | 10516 | 2.90 | ug/L # | 85 |
| 59) 1,2,3-Trichloropropane | 11.255 | 75 | 31814 | 6.31 | ug/L | 92 |

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

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**Instrument :**
MSVOA_V
**ClientSampleId :**
VBLK97

Quant Time: Feb 12 00:26:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 12 00:25:49 2021
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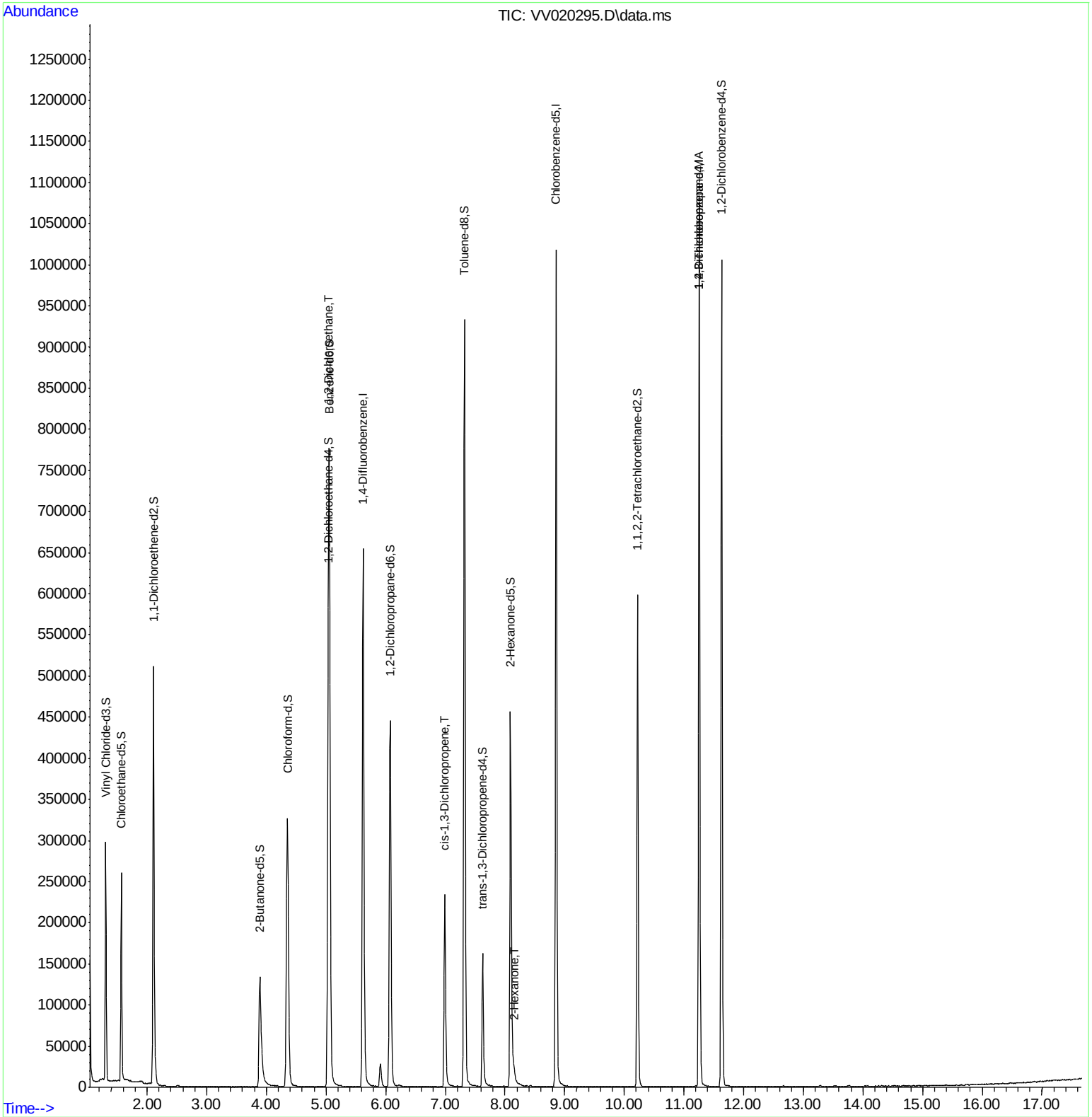
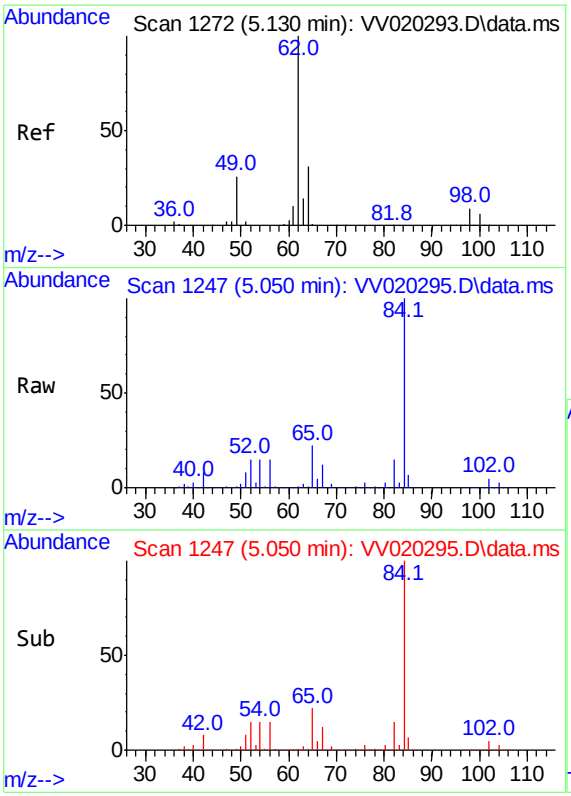
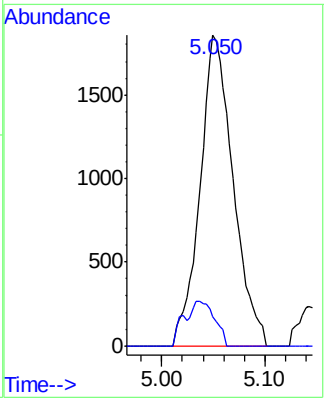




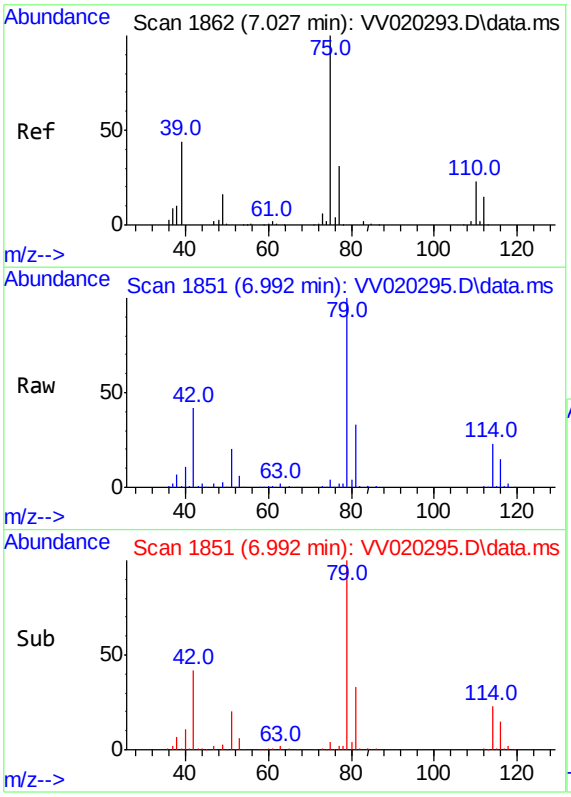

#27
1,2-Dichloroethane
Concen: 0.76 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.081 min
Lab File: VV020295.D
Acq: 11 Feb 2021 10:50

Tgt Ion: 62 Resp: 4133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.5 | 6.9 | 10.3 |



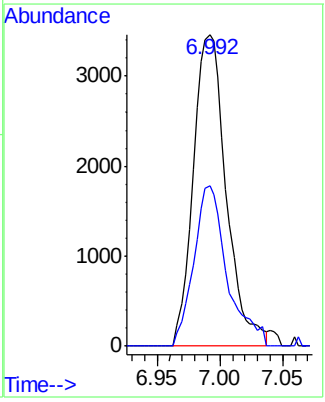

**Instrument :**
MSVOA_V
**ClientSampleId :**
VBLK97



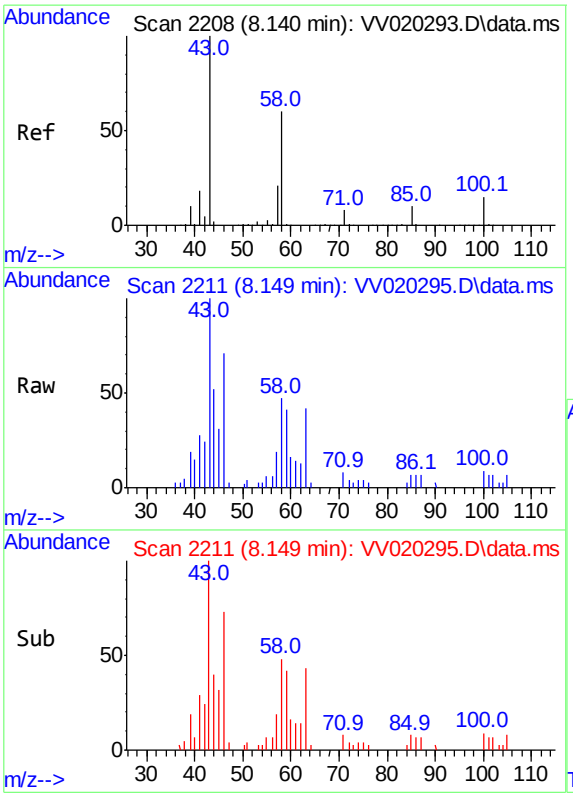

#39
cis-1,3-Dichloropropene
Concen: 1.05 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.035 min
Lab File: VV020295.D
Acq: 11 Feb 2021 10:50

Tgt Ion: 75 Resp: 6276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 51.4 | 21.8 | 40.6# |



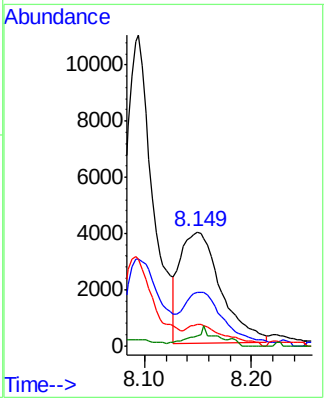
**Instrument :**
MSVOA_V
**ClientSampleId :**
VBLK97

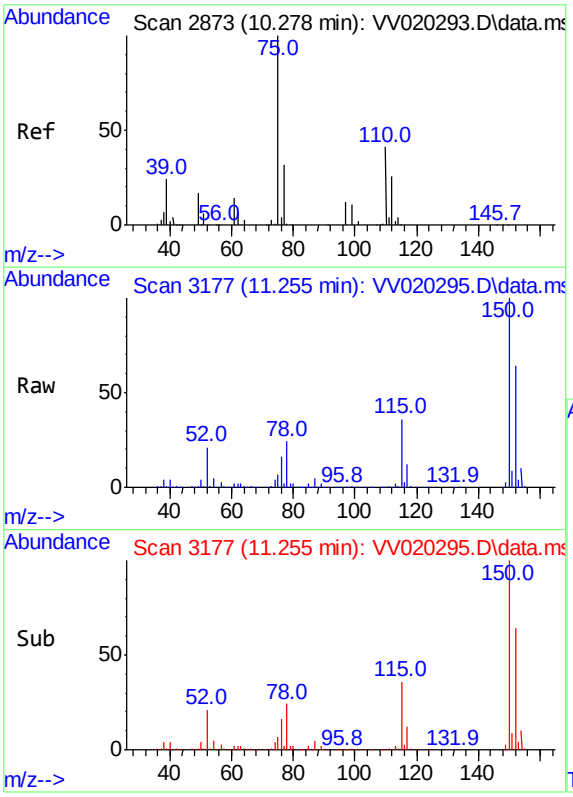



#48
2-Hexanone
Concen: 2.90 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.010 min
Lab File: VV020295.D
Acq: 11 Feb 2021 10:50

Tgt Ion: 43 Resp: 10516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 39.1 | 41.8 | 62.6# |
| 57 | 17.3 | 15.0 | 22.4 |
| 100 | 5.2 | 8.9 | 13.3# |




#59
1,2,3-Trichloropropane
Concen: 6.31 ug/L
RT: 11.255 min Scan# 3177
Delta R.T. 0.977 min
Lab File: VV020295.D
Acq: 11 Feb 2021 10:50

Tgt Ion: 75 Resp: 31814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 36.3 | 25.4 | 38.0 |