Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020044.D
Acq On : 18 Jan 2021 15:08
Operator : SY/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VIBLK78

Quant Time: Jan 19 02:50:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 19 02:46:41 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 5.621 | 114 | 368478 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.859 | 117 | 351361 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.254 | 152 | 174879 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.306 | 65 | 88885 | 28.60 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 57.20%# | | | |
| 7) Chloroethane-d5 | 1.570 | 69 | 96293 | 38.81 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 77.62% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.110 | 63 | 179187 | 29.27 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 58.54%# | | | |
| 21) 2-Butanone-d5 | 3.901 | 46 | 227092 | 112.63 | ug/L | 0.02 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 112.63% | | | |
| 24) Chloroform-d | 4.354 | 84 | 278183 | 49.69 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 99.38% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.036 | 65 | 173313 | 45.53 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 91.06% | | | |
| 32) Benzene-d6 | 5.055 | 84 | 432148 | 43.58 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 87.16% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.074 | 67 | 141871 | 45.82 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 91.64% | | | |
| 41) Toluene-d8 | 7.322 | 98 | 464873 | 51.72 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 103.44% | | | |
| 43) trans-1,3-Dichloroprop... | 7.627 | 79 | 75762 | 47.15 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 94.30% | | | |
| 47) 2-Hexanone-d5 | 8.093 | 63 | 124182 | 100.04 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 100.04% | | | |
| 57) 1,1,2,2-Tetrachloroeth... | 10.222 | 84 | 233109 | 55.69 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 111.38% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.633 | 152 | 194154 | 57.48 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 114.96% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 27) 1,2-Dichloroethane | 5.055 | 62 | 3332 | 0.76 | ug/L | 96 |
| 39) cis-1,3-Dichloropropene | 6.991 | 75 | 5352 | 1.29 | ug/L # | 73 |
| 48) 2-Hexanone | 8.151 | 43 | 15516 | 4.85 | ug/L # | 83 |
| 59) 1,2,3-Trichloropropane | 11.254 | 75 | 22875 | 6.36 | ug/L | 90 |

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

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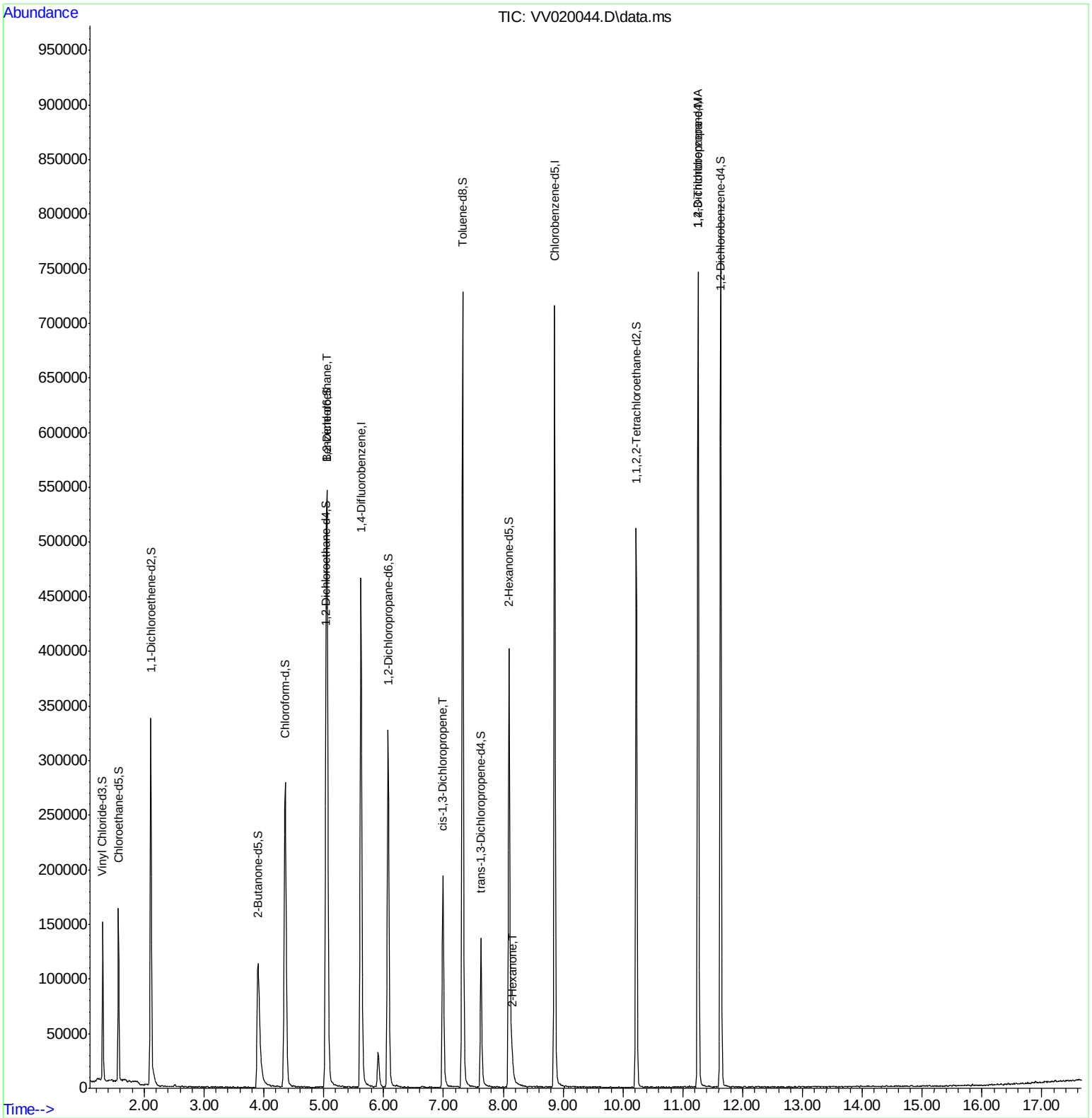
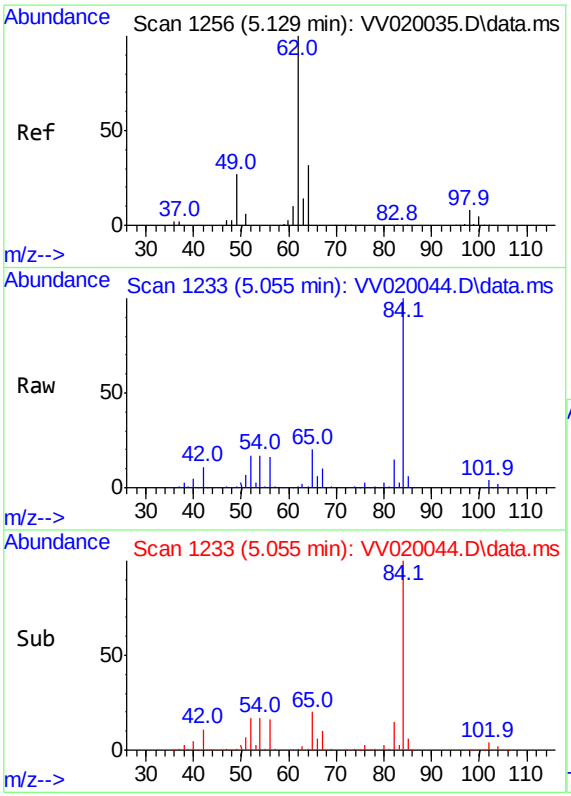
**Instrument :**
MSVOA_V
**ClientSampleId :**
VIBLK78

Quant Time: Jan 19 02:50:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 19 02:46:41 2021
Response via : Initial Calibration



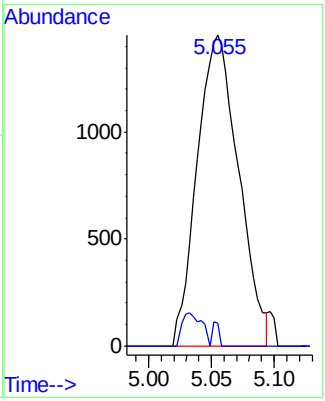
**Instrument :**
MSVOA_V
**ClientSampleId :**
VIBLK78

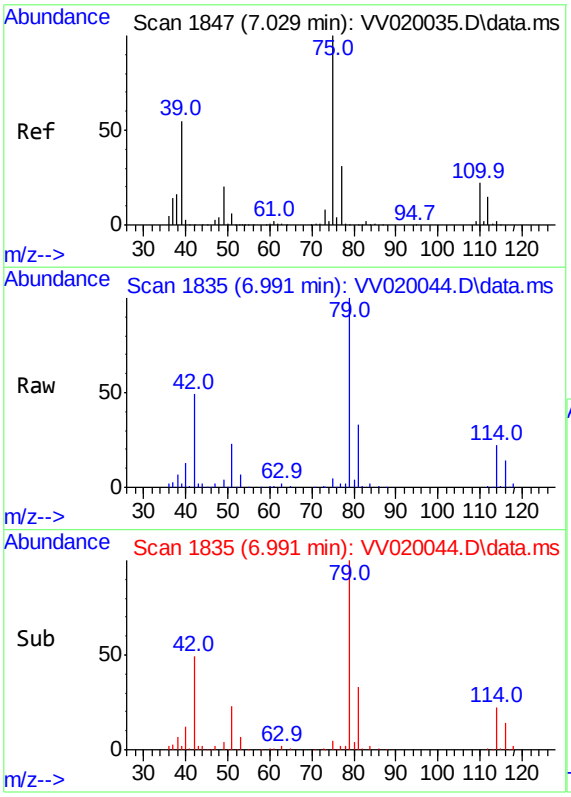



#27
1,2-Dichloroethane
Concen: 0.76 ug/L
RT: 5.055 min Scan# 1233
Delta R.T. -0.074 min
Lab File: VV020044.D
Acq: 18 Jan 2021 15:08

Tgt Ion: 62 Resp: 3332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 7.2 | 6.9 | 10.3 |

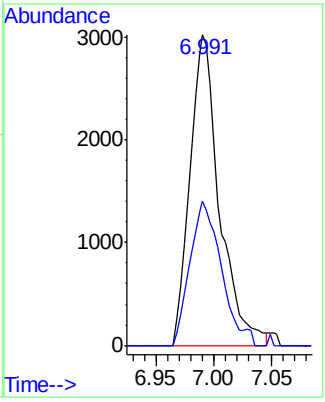


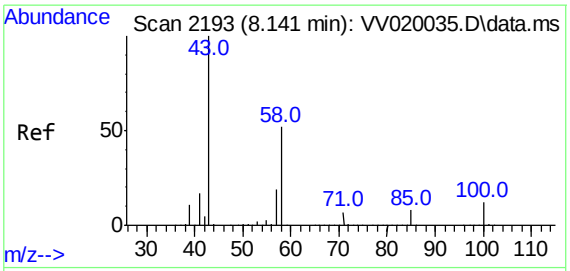

#39
cis-1,3-Dichloropropene
Concen: 1.29 ug/L
RT: 6.991 min Scan# 1835
Delta R.T. -0.038 min
Lab File: VV020044.D
Acq: 18 Jan 2021 15:08

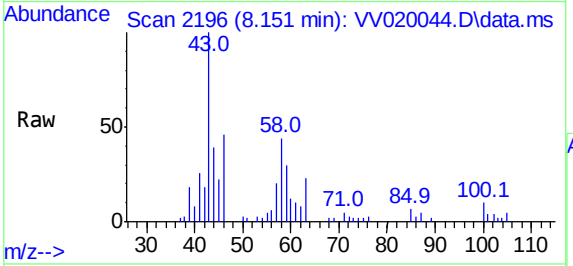
Tgt Ion: 75 Resp: 5352

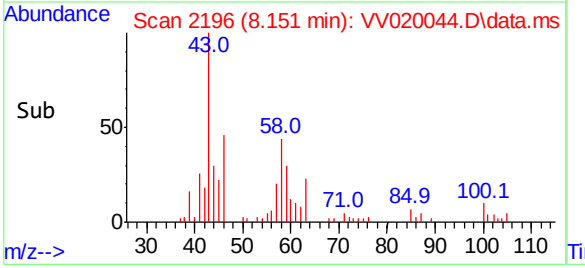
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 46.2 | 21.8 | 40.6# |



**Instrument :**
MSVOA_V
**ClientSampleId :**
VIBLK78



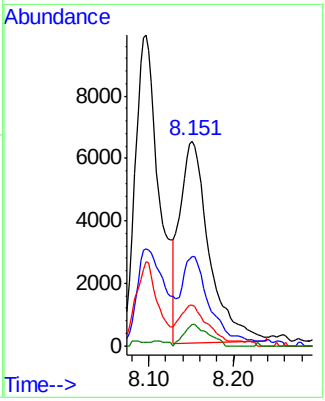



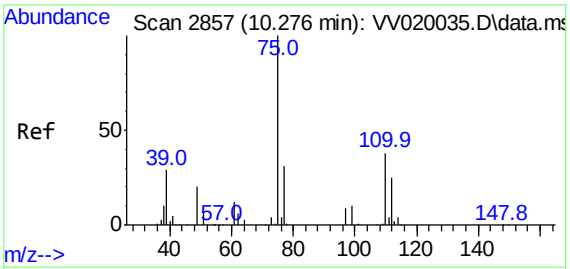



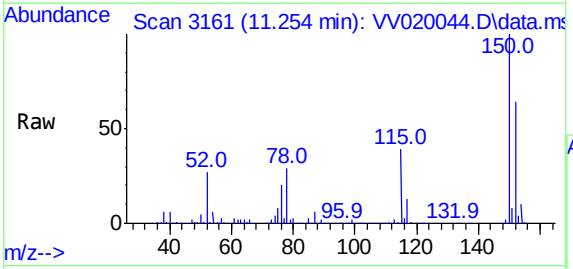

#48
2-Hexanone
Concen: 4.85 ug/L
RT: 8.151 min Scan# 2196
Delta R.T. 0.010 min
Lab File: VV020044.D
Acq: 18 Jan 2021 15:08

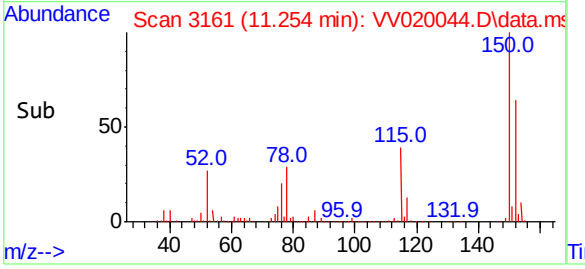
Tgt Ion: 43 Resp: 15516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 34.7 | 41.8 | 62.6# |
| 57 | 17.2 | 15.0 | 22.4 |
| 100 | 8.8 | 8.9 | 13.3# |




#59
1,2,3-Trichloropropane
Concen: 6.36 ug/L
RT: 11.254 min Scan# 3161
Delta R.T. 0.978 min
Lab File: VV020044.D
Acq: 18 Jan 2021 15:08

Tgt Ion: 75 Resp: 22875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 37.0 | 25.4 | 38.0 |