Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122420\
Data File : VW017740.D
Acq On : 24 Dec 2020 16:48
Operator : SY/VA
Sample : VIBLK20
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :**

Quant Time: Dec 25 07:48:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 25 07:46:43 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.84 | 114 | 344487 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 309549 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.55 | 152 | 152912 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.36 | 65 | 119253 | 22.37 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 89.48% | | | |
| 7) Chloroethane-d5 | 2.89 | 69 | 102821 | 23.37 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 93.48% | | | |
| 10) 1,1-Dichloroethene-d2 | 4.02 | 63 | 157264 | 16.93 | ug/L | -0.01 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 67.72% | | | |
| 20) 2-Butanone-d5 | 7.07 | 46 | 47110 | 54.53 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 109.06% | | | |
| 24) Chloroform-d | 7.65 | 84 | 209616 | 23.28 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 93.12% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.31 | 65 | 118363 | 25.40 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 101.60% | | | |
| 29) Benzene-d6 | 8.27 | 84 | 423100 | 24.26 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 97.04% | | | |
| 33) 1,2-Dichloropropane-d6 | 9.27 | 67 | 120246 | 25.02 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 100.08% | | | |
| 37) Toluene-d8 | 10.32 | 98 | 395998 | 23.65 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 94.60% | | | |
| 38) trans-1,3-Dichloropropene- | 10.58 | 79 | 50913 | 23.76 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 95.04% | | | |
| 39) 2-Hexanone-d5 | 10.93 | 63 | 32877 | 54.47 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 108.94% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69 | 84 | 90447 | 25.35 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 101.40% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.85 | 152 | 130208 | 24.45 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 97.80% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Methylene chloride | 4.92 | 84 | 6935 | 1.408 | ug/L | 88 |
| 35) Trichloroethene | 8.84 | 95 | 10900 | 2.225 | ug/L # | 4 |
| 42) cis-1,3-Dichloropropene | 10.03 | 75 | 4551 | 0.683 | ug/L # | 72 |
| 45) trans-1,3-Dichloropropene | 10.57 | 75 | 2873 | 0.506 | ug/L | 99 |
| 49) 2-Hexanone | 10.98 | 43 | 1339 | 0.930 | ug/L # | 78 |
| 59) 1,2,3-Trichloropropane | 13.55 | 75 | 22163 | 8.698 | ug/L | 96 |

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

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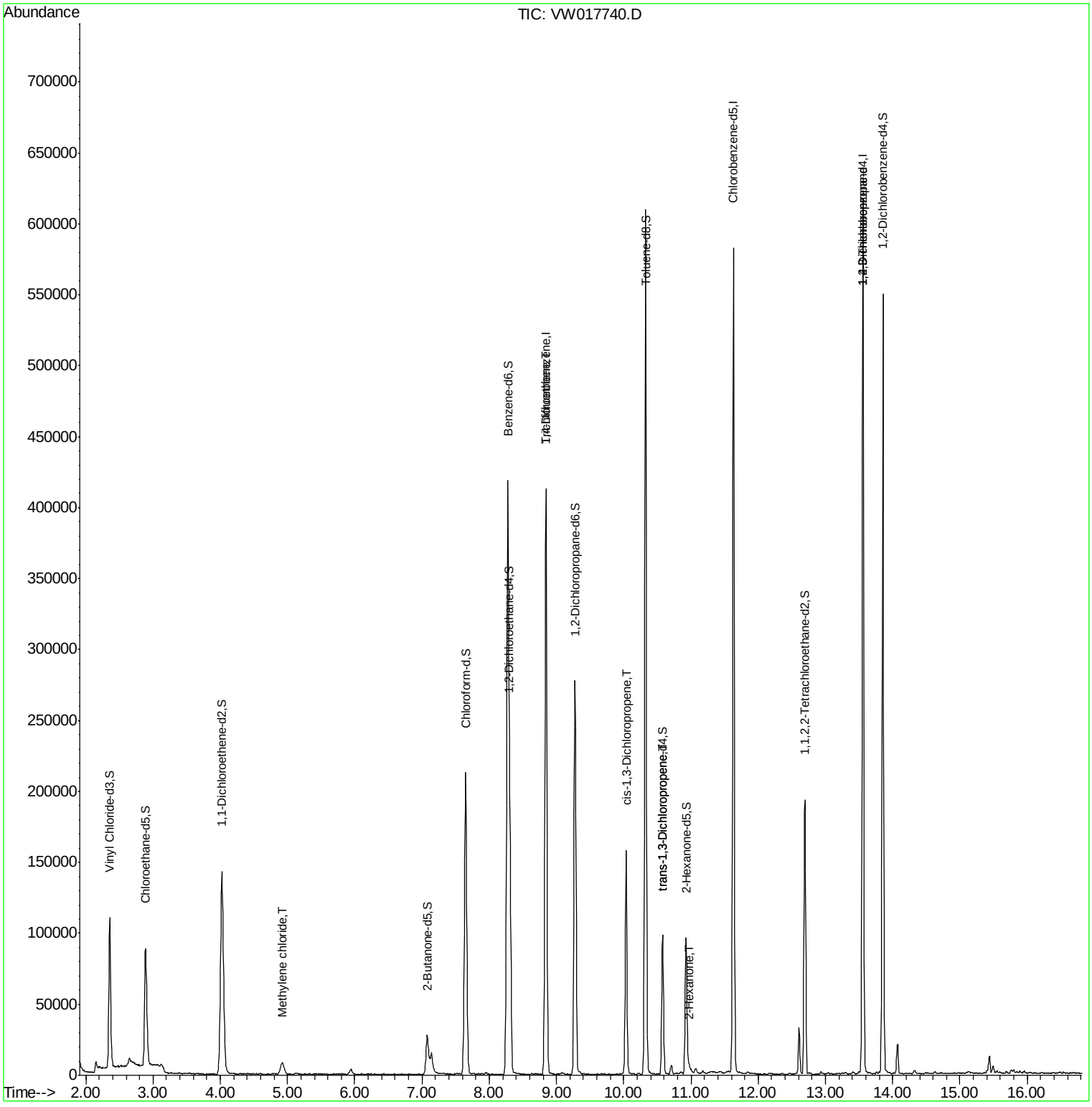
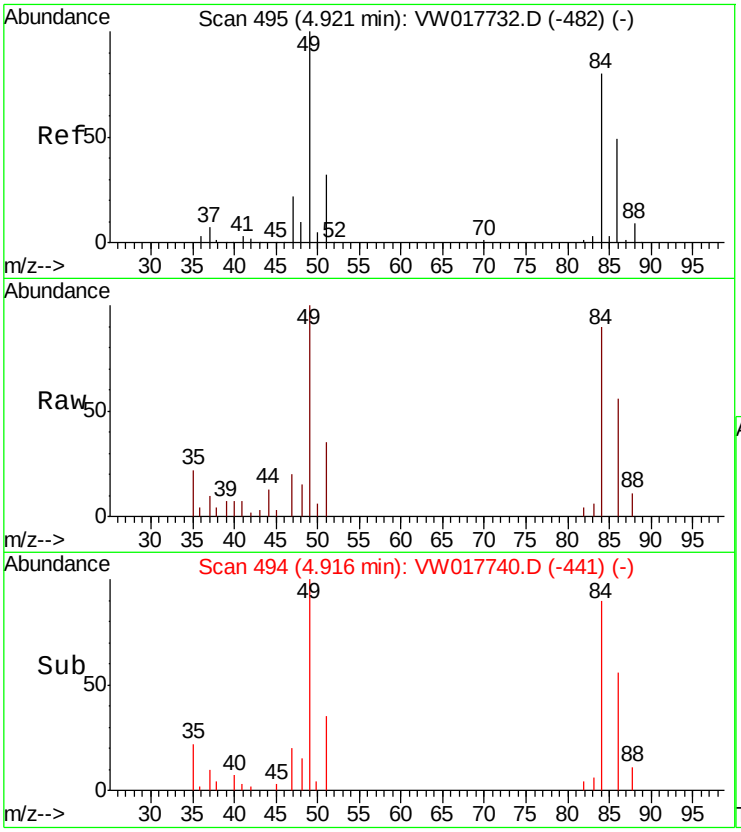
Operator : SY/VA
Sample : VIBLK20
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :**

Quant Time: Dec 25 07:48:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 25 07:46:43 2020
Response via : Initial Calibration



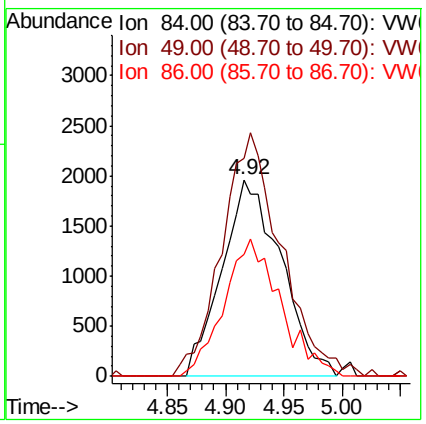


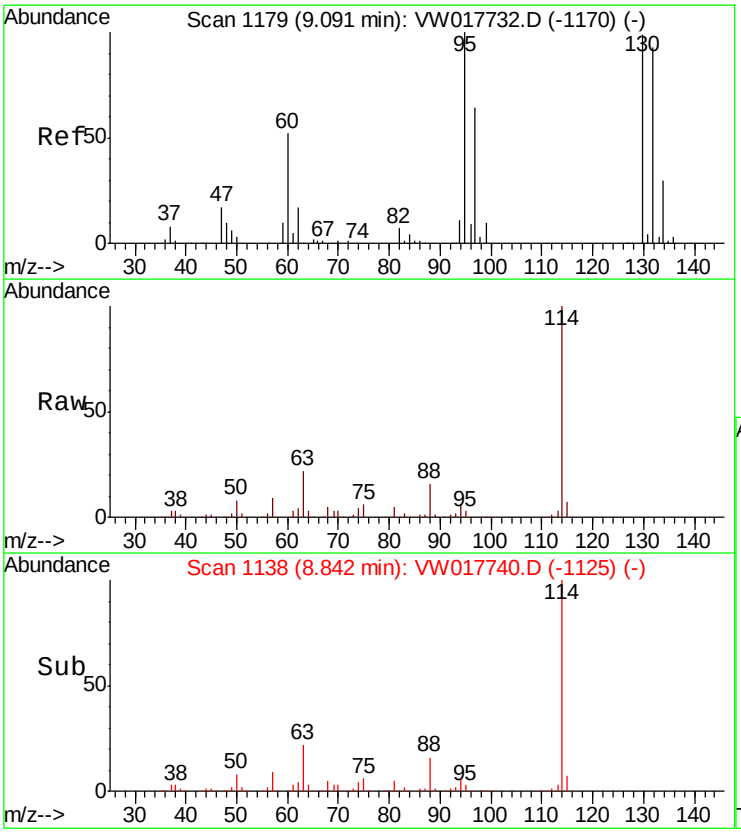

#16
Methylene chloride
Concen: 1.408 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW017740.D
Acq: 24 Dec 2020 16:48

**Instrument :** MSVOA_W
**ClientSampleId :**

Tgt Ion: 84 Resp: 6935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 110.7 | 90.5 | 168.1 |
| 86 | 61.9 | 44.8 | 83.2 |

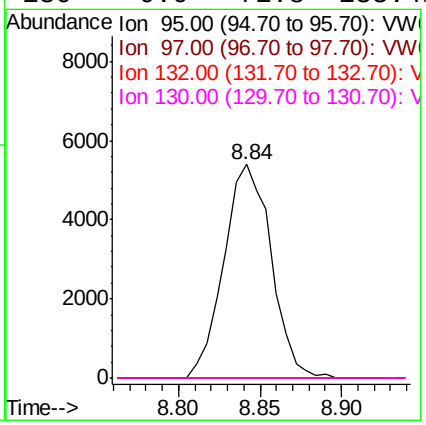


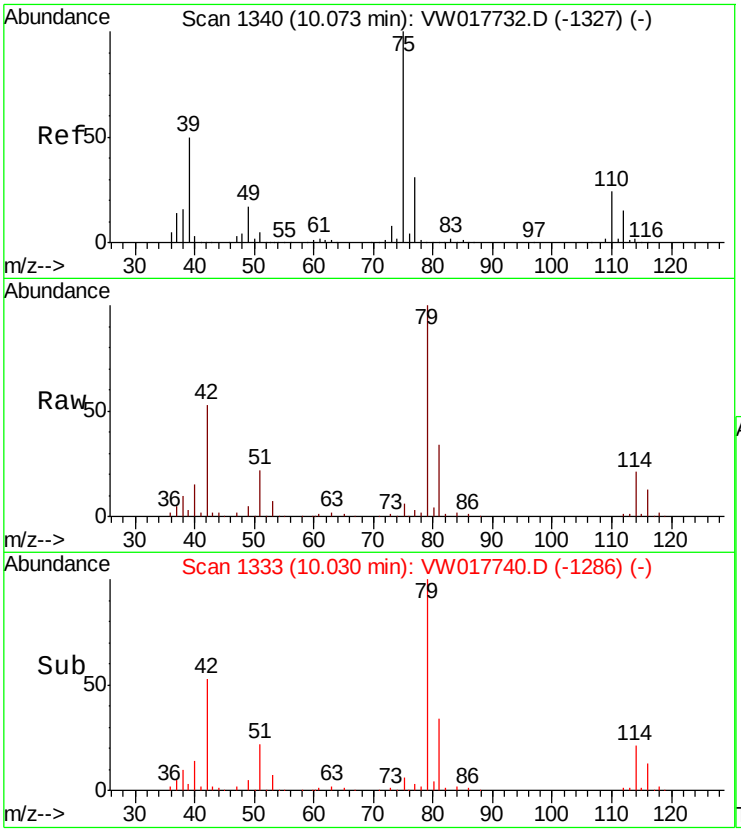




#35
Trichloroethene
Concen: 2.225 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW017740.D
Acq: 24 Dec 2020 16:48

Tgt Ion: 95 Resp: 10900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 0.0 | 46.8 | 87.0# |
| 132 | 0.0 | 68.3 | 126.9# |
| 130 | 0.0 | 71.8 | 133.4# |



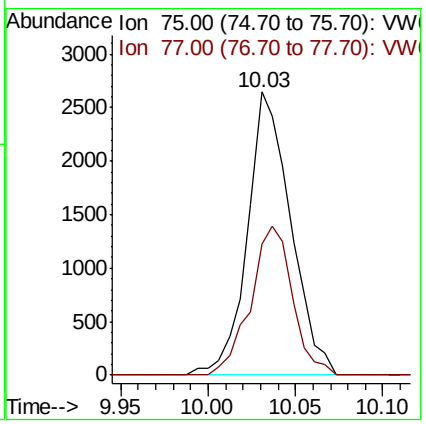


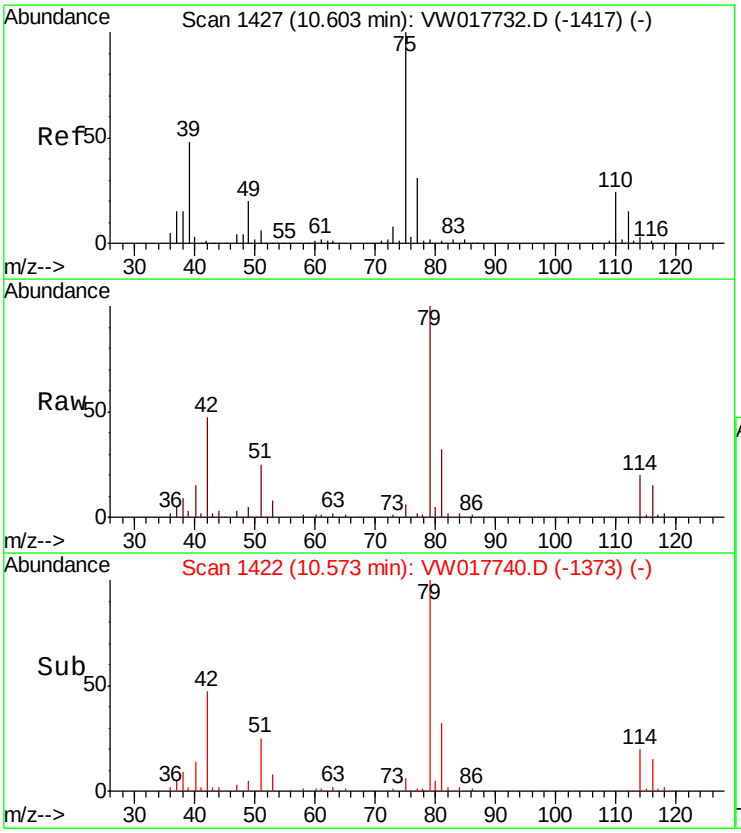

#42
cis-1,3-Dichloropropene
Concen: 0.683 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW017740.D
Acq: 24 Dec 2020 16:48

**Instrument :** MSVOA_W
**ClientSampleId :**

Tgt Ion: 75 Resp: 4551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 46.2 | 21.6 | 40.2# |

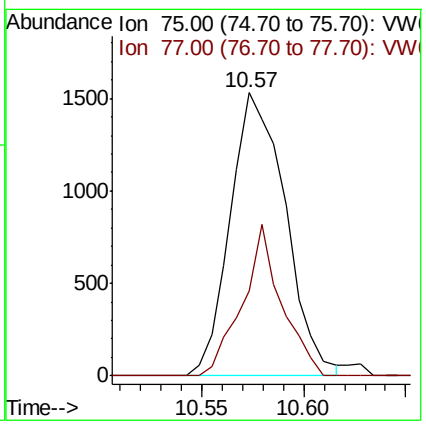


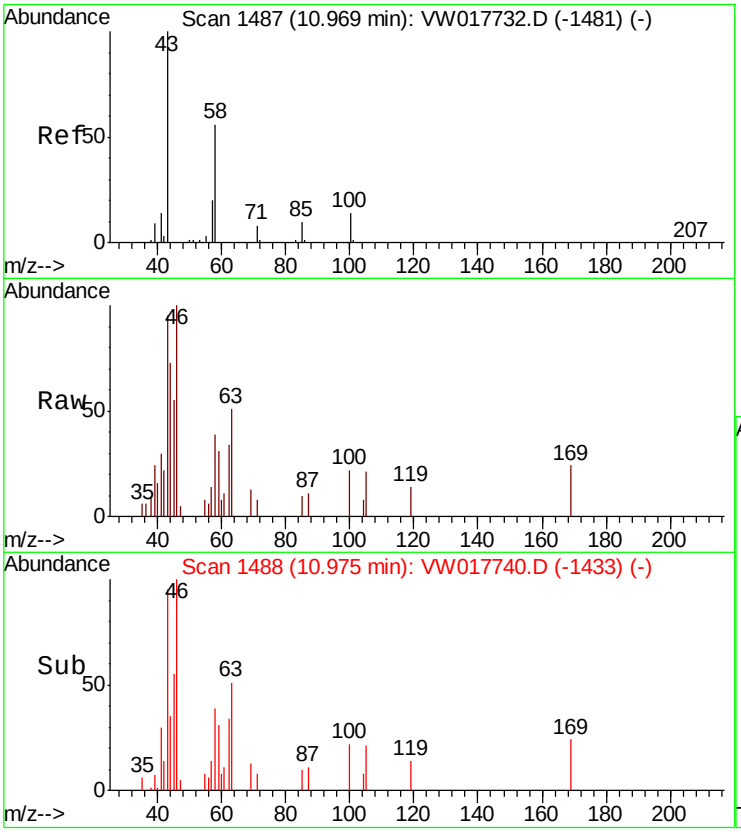




#45
trans-1,3-Dichloropropene
Concen: 0.506 ug/L
RT: 10.57 min Scan# 1422
Delta R.T. -0.03 min
Lab File: VW017740.D
Acq: 24 Dec 2020 16:48

Tgt Ion: 75 Resp: 2873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.0 | 21.6 | 40.0 |



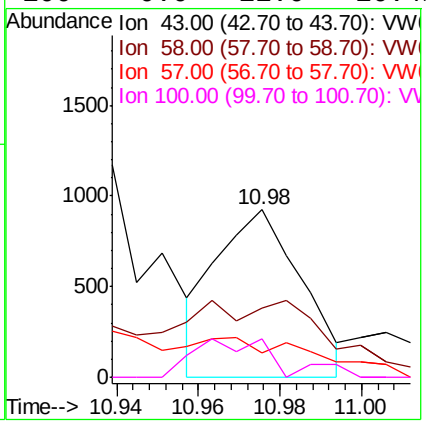


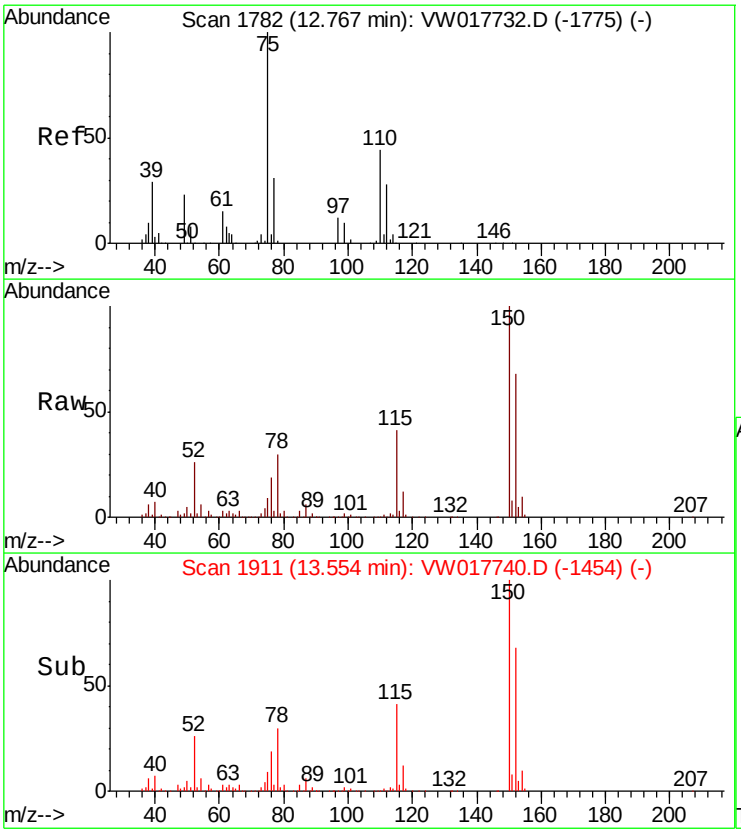

#49
2-Hexanone
Concen: 0.930 ug/L
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW017740.D
Acq: 24 Dec 2020 16:48

**Instrument :**
MSVOA_W
**ClientSampleId :**

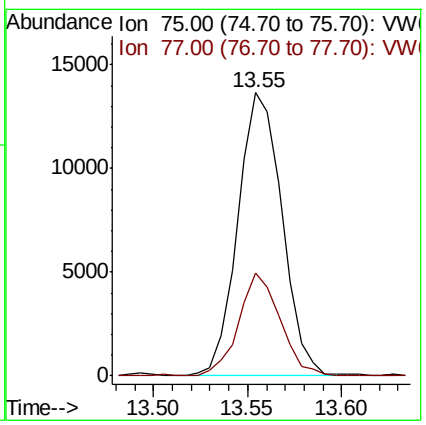
Tgt Ion: 43 Resp: 1339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 43.6 | 44.2 | 66.4# |
| 57 | 6.9 | 16.1 | 24.1# |
| 100 | 0.0 | 11.0 | 16.4# |




#59
1,2,3-Trichloropropane
Concen: 8.698 ug/L
RT: 13.55 min Scan# 1911
Delta R.T. 0.79 min
Lab File: VW017740.D
Acq: 24 Dec 2020 16:48

Tgt Ion: 75 Resp: 22163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 34.0 | 25.4 | 38.0 |