Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111920\

Quantitation Report (Not Reviewed)

Data File : VW017386.D
Acq On : 19 Nov 2020 21:59
Operator : SY/VA
Sample : L4794-07
Misc : 6.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** C0BC0

Quant Time: Nov 20 04:38:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 20 04:37:10 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.85 | 114 | 349629 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 318515 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152 | 142297 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.35 | 65 | 118105 | 22.82 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 91.28% | | | |
| 7) Chloroethane-d5 | 2.89 | 69 | 95665 | 23.27 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 93.08% | | | |
| 10) 1,1-Dichloroethene-d2 | 4.02 | 63 | 154203 | 17.03 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 68.12% | | | |
| 20) 2-Butanone-d5 | 7.08 | 46 | 49642 | 58.40 | ug/L | -0.01 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 116.80% | | | |
| 24) Chloroform-d | 7.65 | 84 | 217896 | 23.72 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 94.88% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.31 | 65 | 118470 | 26.69 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 106.76% | | | |
| 29) Benzene-d6 | 8.27 | 84 | 429918 | 23.94 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 95.76% | | | |
| 33) 1,2-Dichloropropane-d6 | 9.27 | 67 | 122466 | 25.60 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 102.40% | | | |
| 37) Toluene-d8 | 10.32 | 98 | 397940 | 23.54 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 94.16% | | | |
| 38) trans-1,3-Dichloropropene- | 10.58 | 79 | 50920 | 24.45 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 97.80% | | | |
| 39) 2-Hexanone-d5 | 10.93 | 63 | 38361 | 59.81 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 119.62% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69 | 84 | 105636 | 29.14 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 116.56% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.85 | 152 | 138056 | 26.28 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 105.12% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 4.14 | 43 | 2844 | 4.586 | ug/L | 98 |
| 16) Methylene chloride | 4.92 | 84 | 19734 | 3.300 | ug/L | 98 |
| 35) Trichloroethene | 8.85 | 95 | 10167 | 1.997 | ug/L # | 2 |
| 36) Methylcyclohexane | 9.27 | 83 | 31183 | 3.834 | ug/L # | 21 |
| 42) cis-1,3-Dichloropropene | 10.04 | 75 | 3846 | 0.609 | ug/L # | 71 |
| 45) trans-1,3-Dichloropropene | 10.58 | 75 | 2564 | 0.479 | ug/L # | 71 |
| 49) 2-Hexanone | 10.98 | 43 | 511 | 0.420 | ug/L # | 77 |

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

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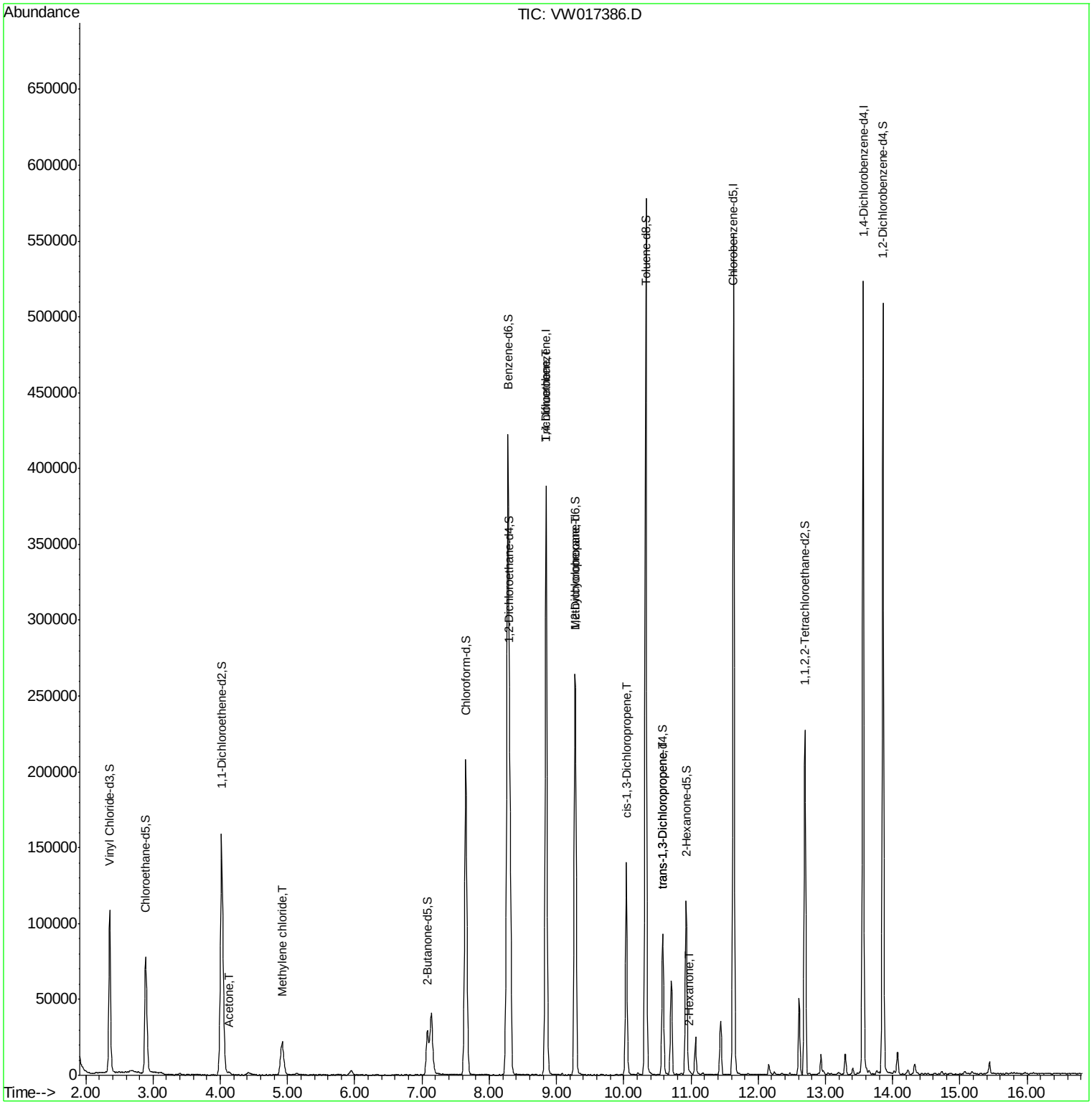
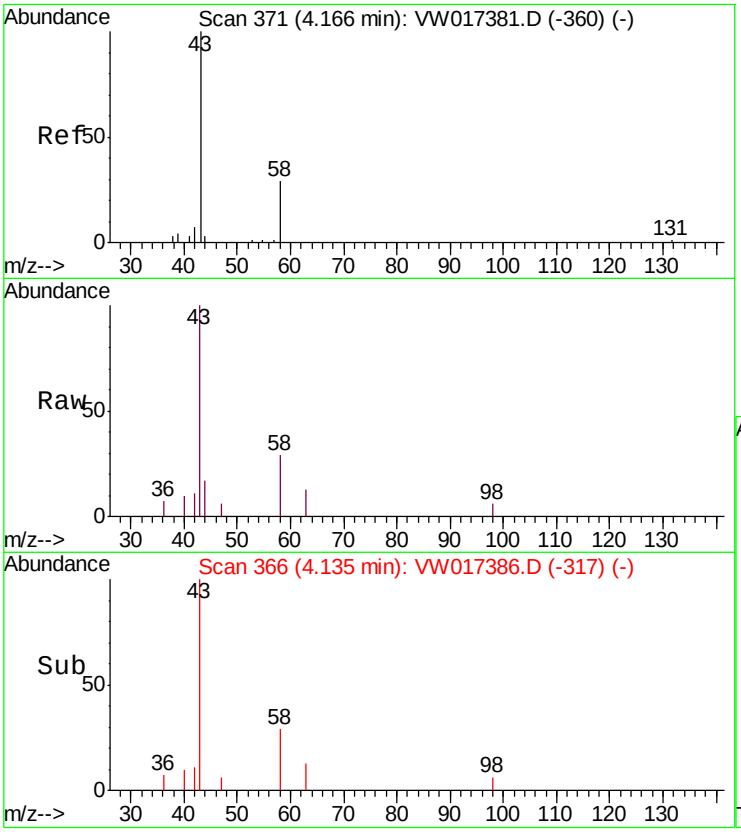
Sample : L4794-07
Misc : 6.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** C0BC0

Quant Time: Nov 20 04:38:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 20 04:37:10 2020
Response via : Initial Calibration



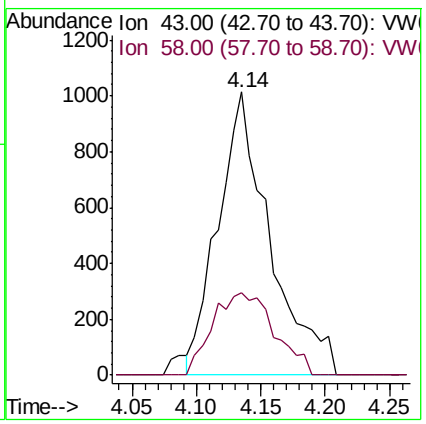


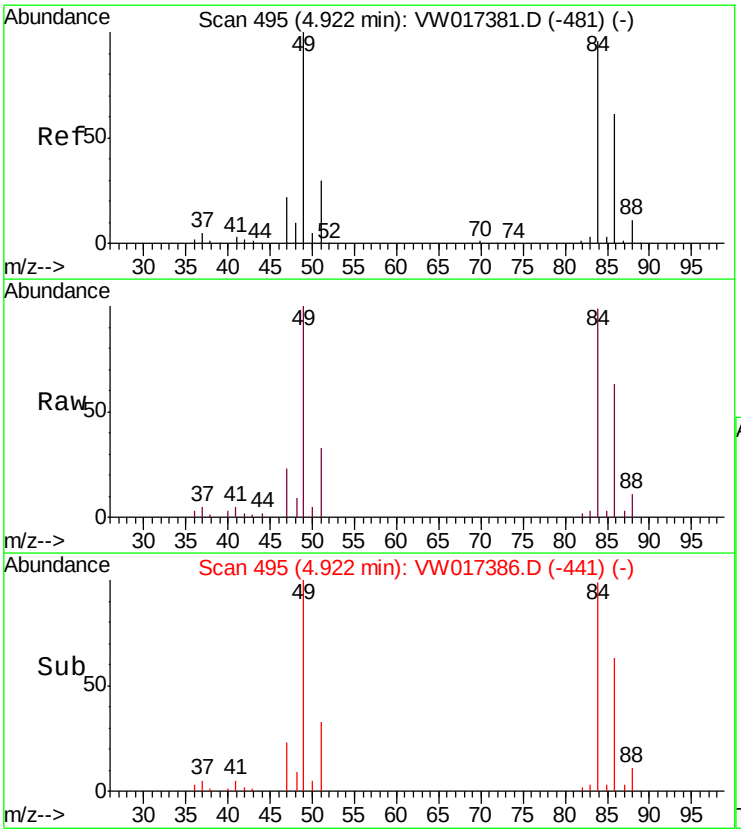

#13
Acetone
Concen: 4.586 ug/L
RT: 4.14 min Scan# 366
Delta R.T. -0.03 min
Lab File: VW017386.D
Acq: 19 Nov 2020 21:59

**Instrument :** MSVOA_W
**ClientSampleId :** C0BC0

Tgt Ion: 43 Resp: 2844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 34.8 | 0.0 | 67.0 |

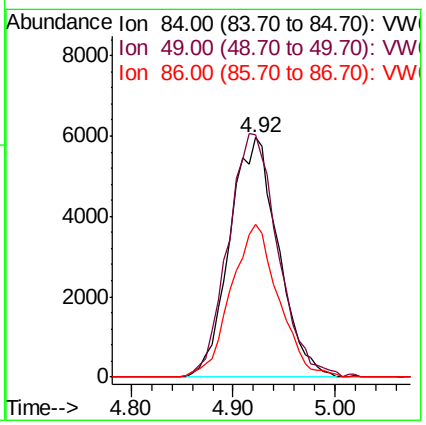


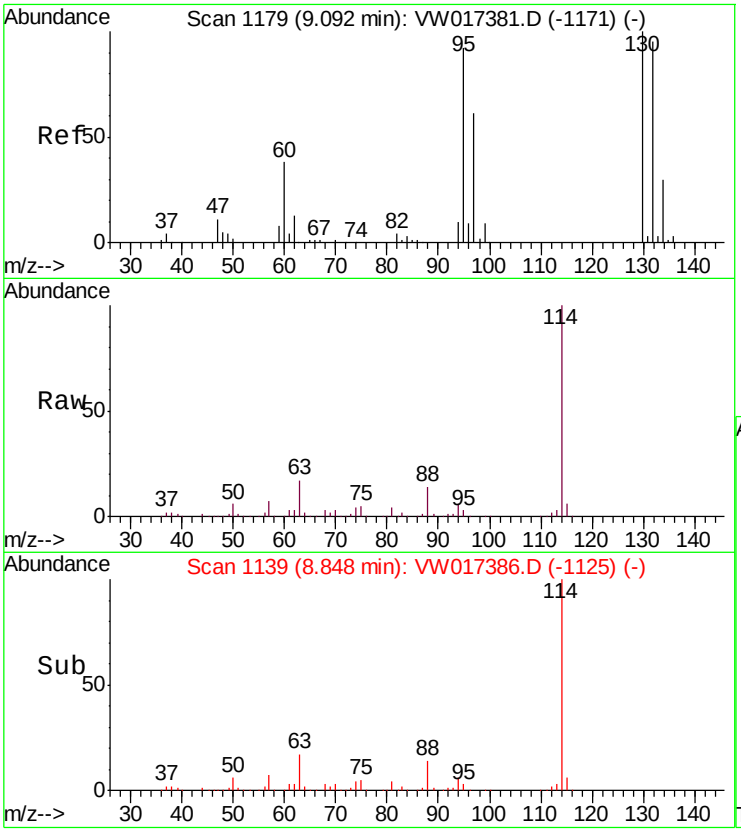




#16
Methylene chloride
Concen: 3.300 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW017386.D
Acq: 19 Nov 2020 21:59

Tgt Ion: 84 Resp: 19734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 101.2 | 71.5 | 132.9 |
| 86 | 63.8 | 42.8 | 79.4 |



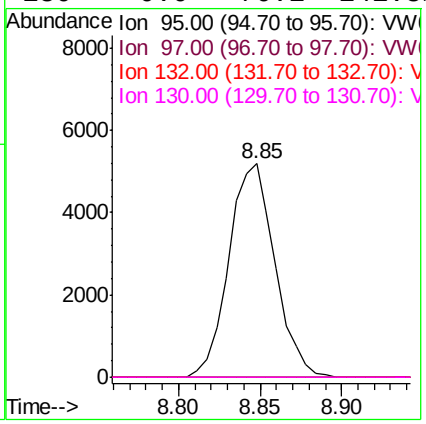


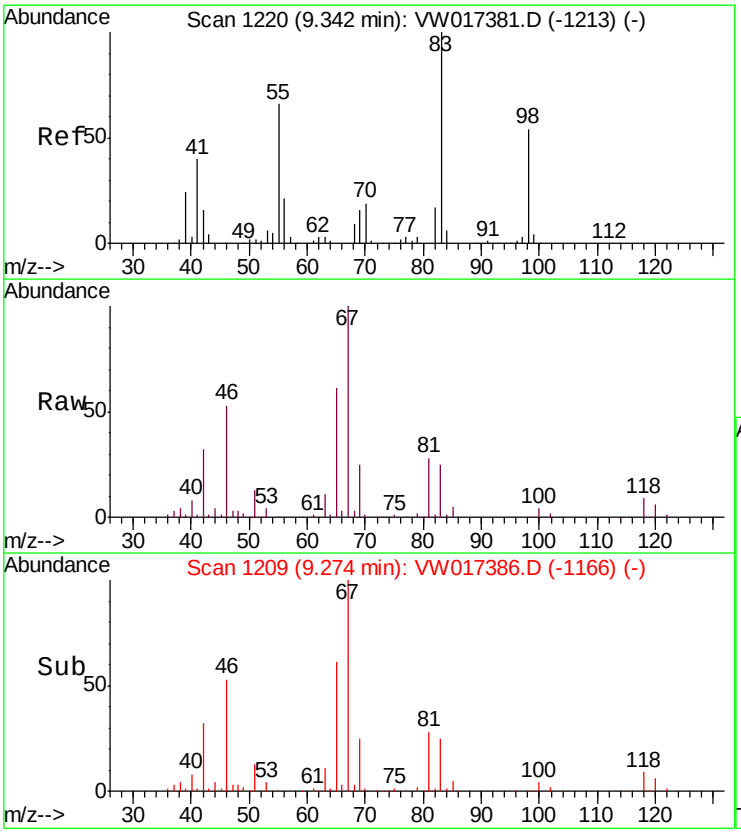

#35
Trichloroethene
Concen: 1.997 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW017386.D
Acq: 19 Nov 2020 21:59

**Instrument :** MSVOA_W
**ClientSampleId :** C0BC0

Tgt Ion: 95 Resp: 10167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 0.0 | 44.7 | 82.9# |
| 132 | 0.0 | 72.7 | 134.9# |
| 130 | 0.0 | 76.1 | 141.3# |

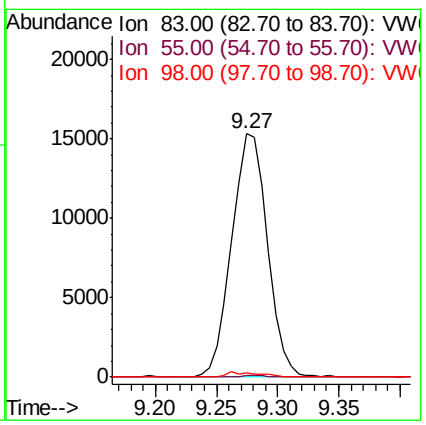


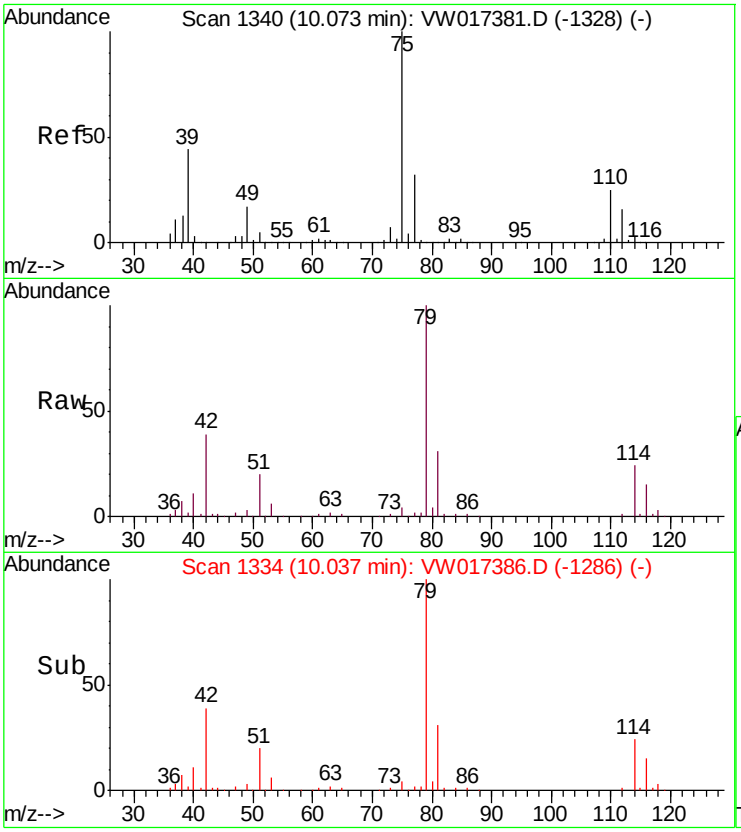




#36
Methylcyclohexane
Concen: 3.834 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.07 min
Lab File: VW017386.D
Acq: 19 Nov 2020 21:59

Tgt Ion: 83 Resp: 31183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.4 | 54.6 | 81.8# |
| 98 | 0.3 | 41.5 | 62.3# |



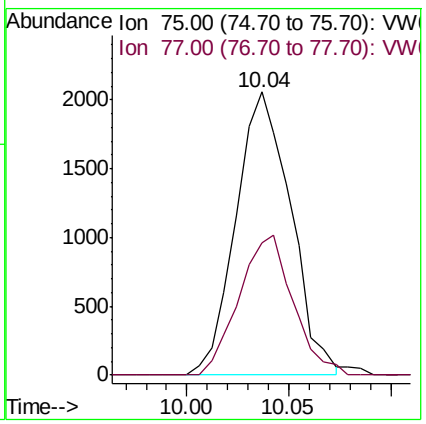


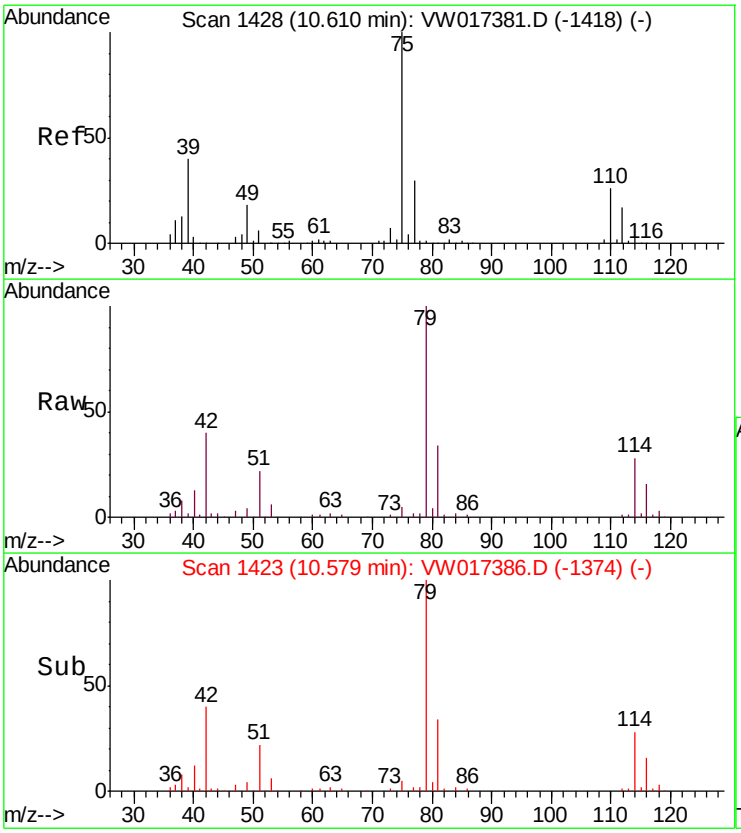

#42
cis-1,3-Dichloropropene
Concen: 0.609 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW017386.D
Acq: 19 Nov 2020 21:59

**Instrument :** MSVOA_W
**ClientSampleId :** C0BC0

Tgt Ion: 75 Resp: 3846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 46.9 | 21.8 | 40.4# |

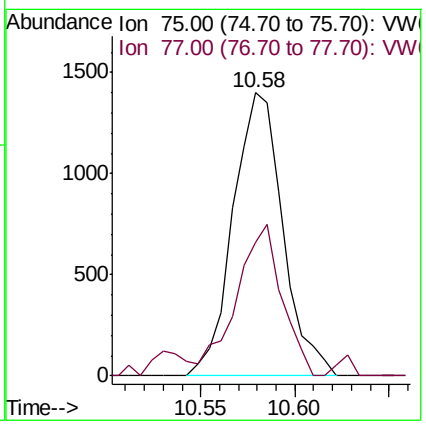


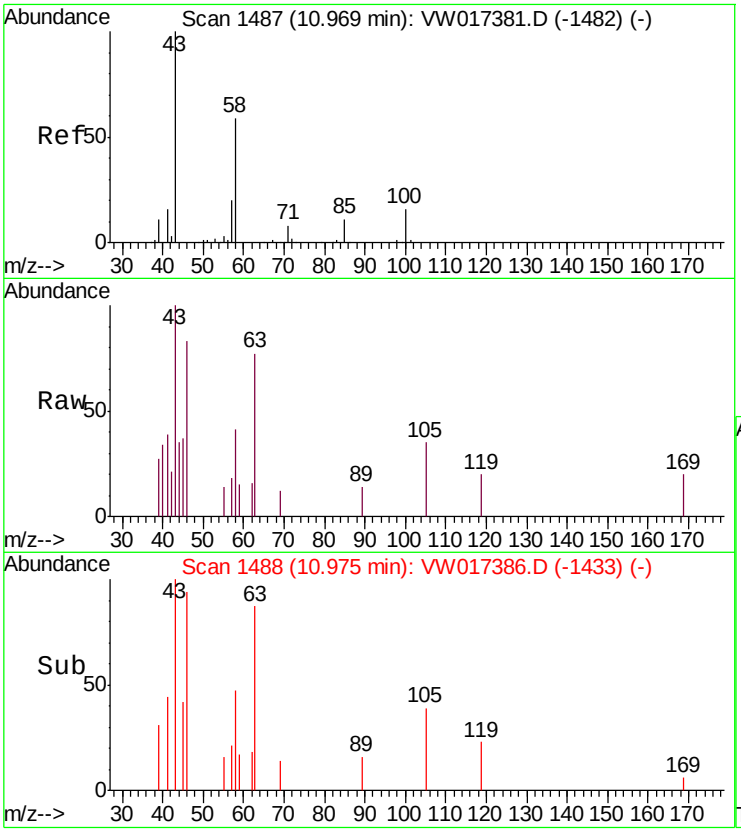




#45
trans-1,3-Dichloropropene
Concen: 0.479 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.03 min
Lab File: VW017386.D
Acq: 19 Nov 2020 21:59

Tgt Ion: 75 Resp: 2564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 47.4 | 22.0 | 40.8# |






#49
2-Hexanone
Concen: 0.420 ug/L
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW017386.D
Acq: 19 Nov 2020 21:59

**Instrument :**
MSVOA_W
**ClientSampleId :**
C0BC0

Tgt Ion: 43 Resp: 511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 46.2 | 49.4 | 74.0# |
| 57 | 40.1 | 17.0 | 25.4# |
| 100 | 10.6 | 13.1 | 19.7# |