Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102618\

Quantitation Report (Not Reviewed)

Data File : VW006371.D
Acq On : 25 Oct 2018 18:49
Operator : SY/AP
Sample : J5657-13
Misc : 4.51G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** A40E2

Quant Time: Oct 26 04:10:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 26 04:05:39 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.85 | 114 | 354290 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 333118 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152 | 174437 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.35 | 65 | 69420 | 17.37 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 69.48% | | | |
| 7) Chloroethane-d5 | 2.90 | 69 | 69434 | 20.19 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 80.76% | | | |
| 10) 1,1-Dichloroethene-d2 | 4.01 | 63 | 111110 | 14.48 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 57.92% | | | |
| 20) 2-Butanone-d5 | 7.09 | 46 | 53221 | 40.18 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 80.36% | | | |
| 24) Chloroform-d | 7.65 | 84 | 178161 | 23.21 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 92.84% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.31 | 65 | 102311 | 24.10 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 96.40% | | | |
| 29) Benzene-d6 | 8.28 | 84 | 345541 | 22.85 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 91.40% | | | |
| 33) 1,2-Dichloropropane-d6 | 9.28 | 67 | 104768 | 22.95 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 91.80% | | | |
| 37) Toluene-d8 | 10.33 | 98 | 339044 | 22.42 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 89.68% | | | |
| 38) trans-1,3-Dichloropropene- | 10.58 | 79 | 42977 | 19.37 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 77.48% | | | |
| 39) 2-Hexanone-d5 | 10.93 | 63 | 44647 | 40.48 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 80.96% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69 | 84 | 99915 | 22.51 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 90.04% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.86 | 152 | 147282 | 24.63 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 98.52% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 4.14 | 43 | 13027 | 9.736 | ug/L | 97 |
| 35) Trichloroethene | 8.85 | 95 | 10296 | 2.140 | ug/L # | 2 |
| 36) Methylcyclohexane | 9.28 | 83 | 26833 | 3.044 | ug/L # | 21 |
| 40) 1,2-Dichloropropane | 9.27 | 63 | 12080 | 2.848 | ug/L # | 87 |
| 42) cis-1,3-Dichloropropene | 10.04 | 75 | 3235 | 0.467 | ug/L # | 79 |
| 49) 2-Hexanone | 10.93 | 43 | 5559 | 2.219 | ug/L # | 69 |
| 59) 1,2,3-Trichloropropane | 13.56 | 75 | 17930 | 5.235 | ug/L | 92 |

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

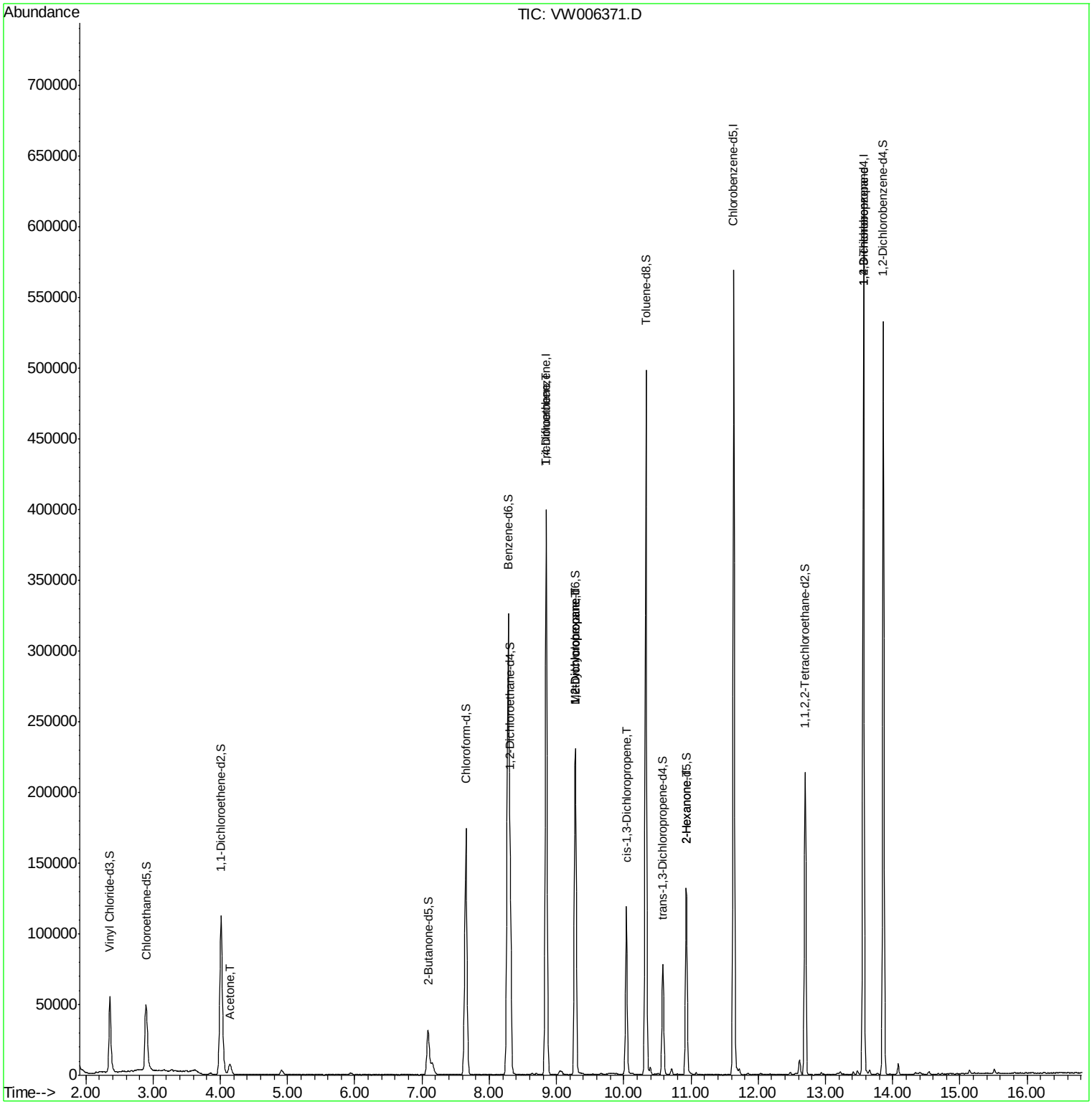
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102618\

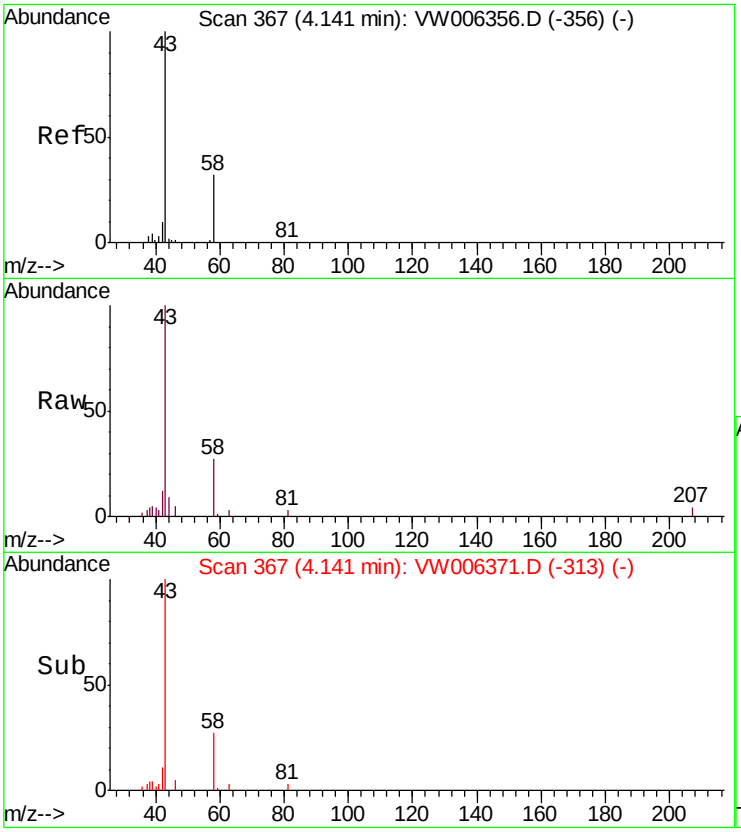
Quantitation Report (Not Reviewed)

Data File : VW006371.D
Acq On : 25 Oct 2018 18:49
Operator : SY/AP
Sample : J5657-13
Misc : 4.51G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** A40E2

Quant Time: Oct 26 04:10:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 26 04:05:39 2018
Response via : Initial Calibration



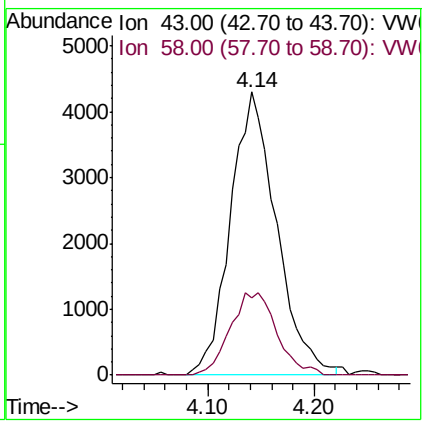


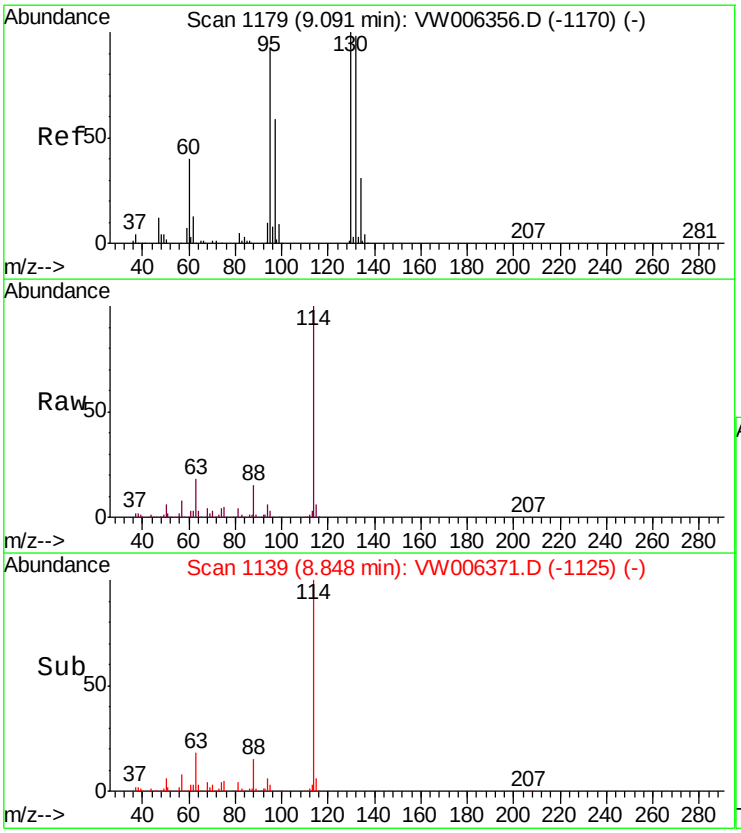

#13
Acetone
Concen: 9.736 ug/L
RT: 4.14 min Scan# 367
Delta R.T. 0.00 min
Lab File: VW006371.D
Acq: 25 Oct 2018 18:49

**Instrument :** MSVOA_W
**ClientSampleId :** A40E2

Tgt Ion: 43 Resp: 13027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.8 | 0.0 | 61.2 |

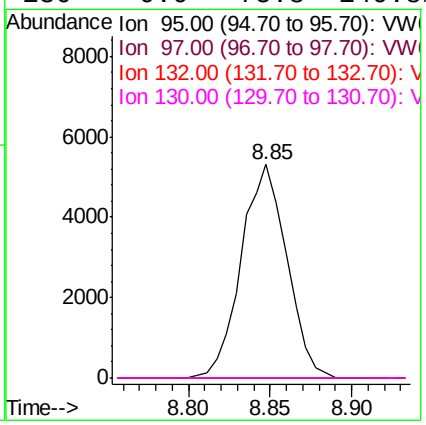


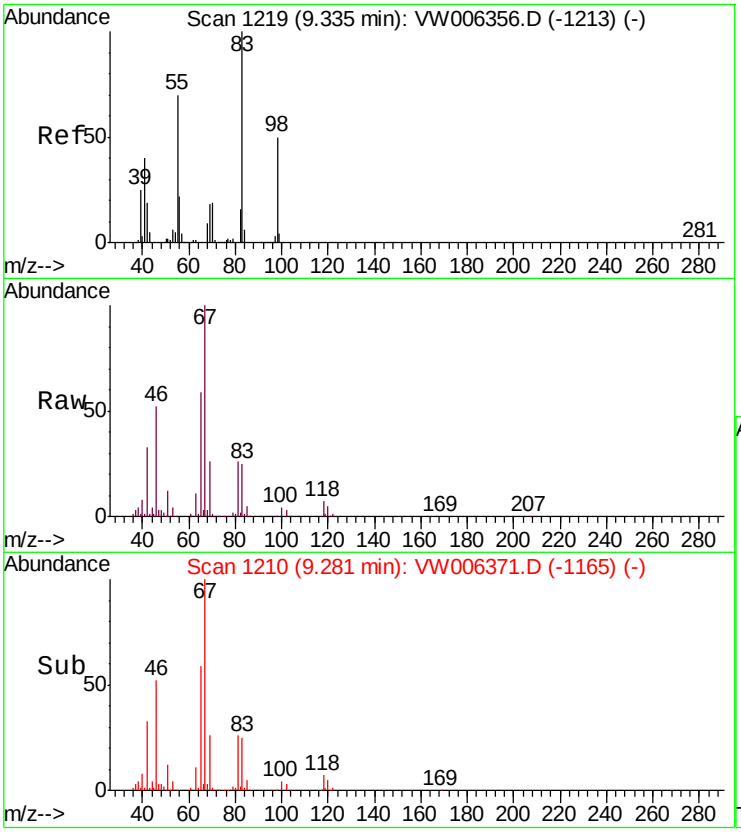




#35
Trichloroethene
Concen: 2.140 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW006371.D
Acq: 25 Oct 2018 18:49

Tgt Ion: 95 Resp: 10296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 0.0 | 45.8 | 85.0# |
| 132 | 0.0 | 72.9 | 135.3# |
| 130 | 0.0 | 75.8 | 140.8# |



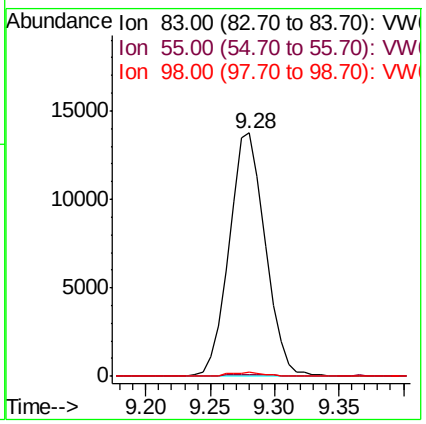


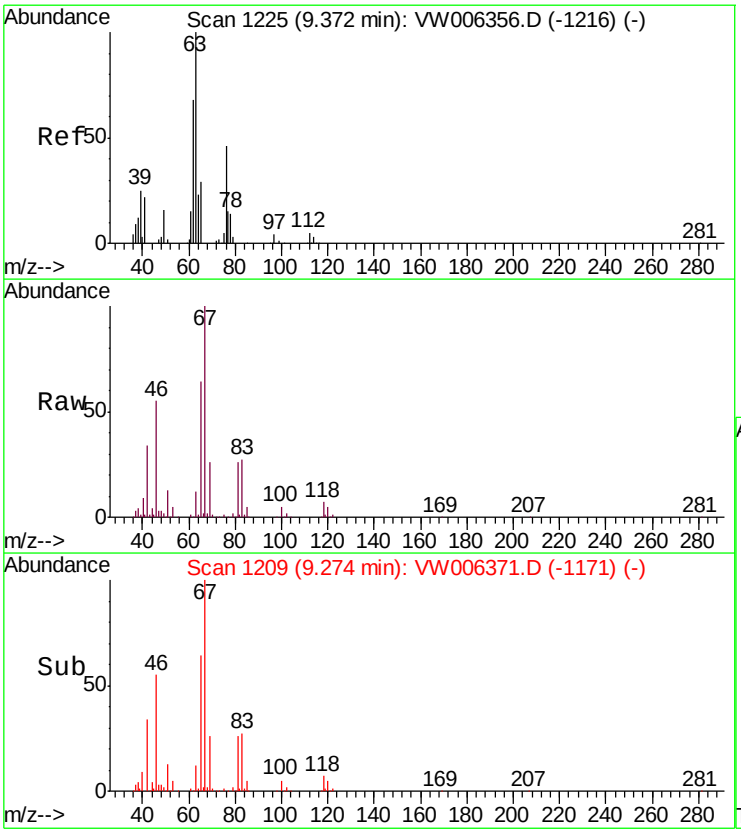

#36
Methylcyclohexane
Concen: 3.044 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW006371.D
Acq: 25 Oct 2018 18:49

**Instrument :** MSVOA_W
**ClientSampleId :** A40E2

Tgt Ion: 83 Resp: 26833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.8 | 57.1 | 85.7# |
| 98 | 1.1 | 38.9 | 58.3# |

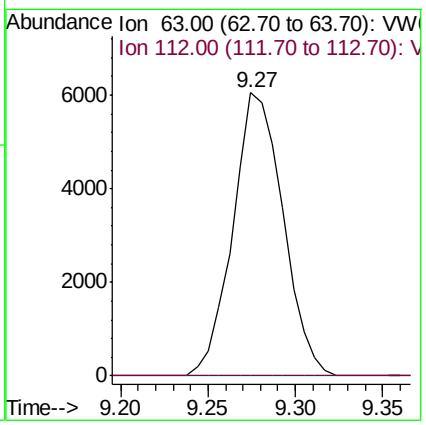


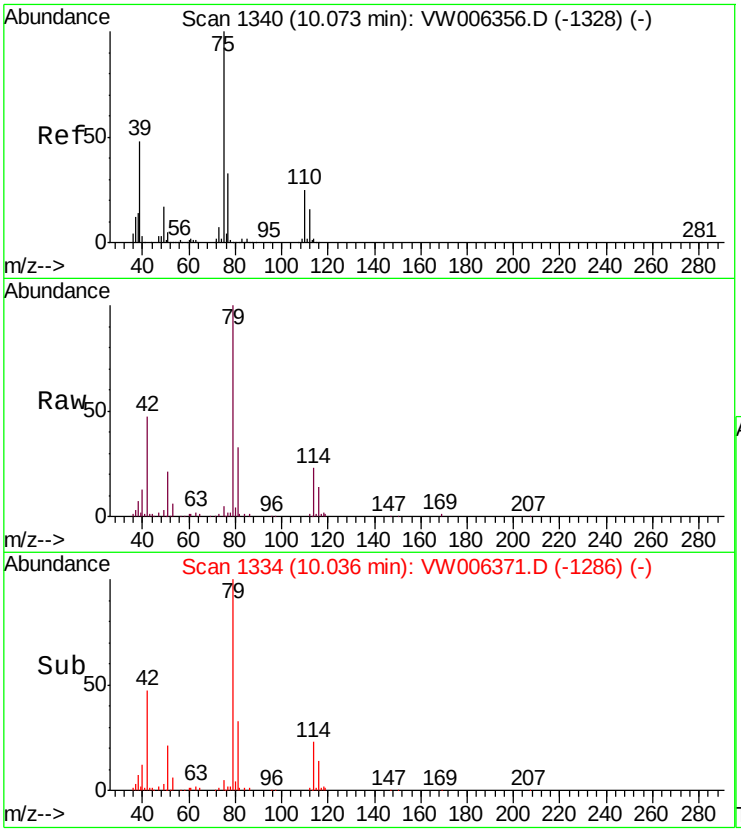




#40
1,2-Dichloropropane
Concen: 2.848 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW006371.D
Acq: 25 Oct 2018 18:49

Tgt Ion: 63 Resp: 12080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.5 | 5.3# |



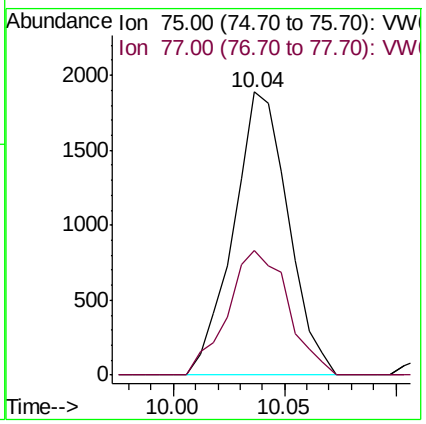


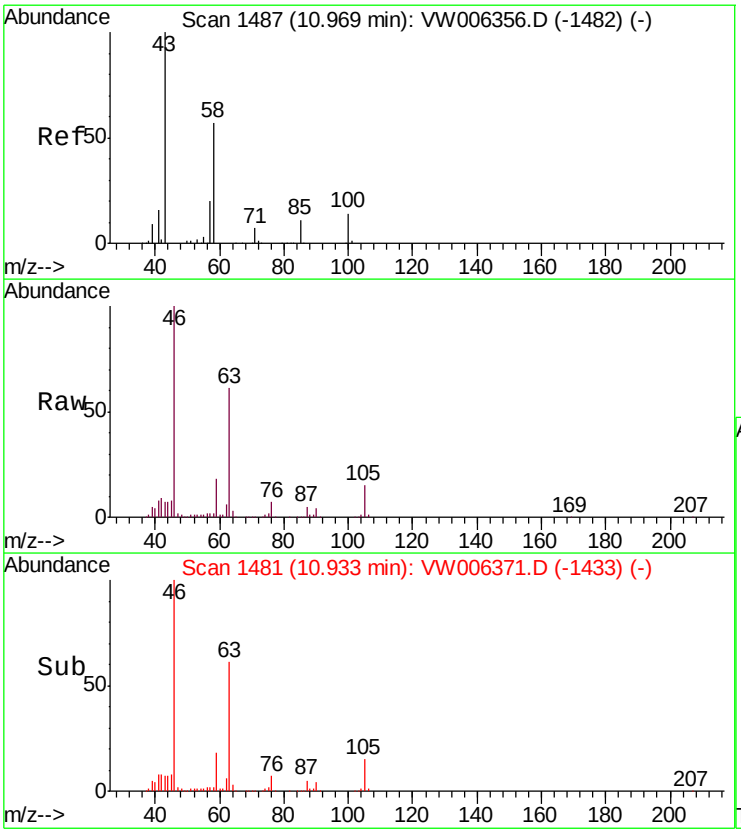

#42
cis-1,3-Dichloropropene
Concen: 0.467 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW006371.D
Acq: 25 Oct 2018 18:49

**Instrument :** MSVOA_W
**ClientSampleId :** A40E2

Tgt Ion: 75 Resp: 3235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 44.2 | 22.6 | 42.0# |

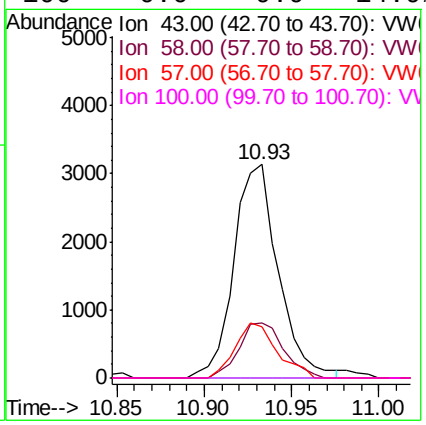


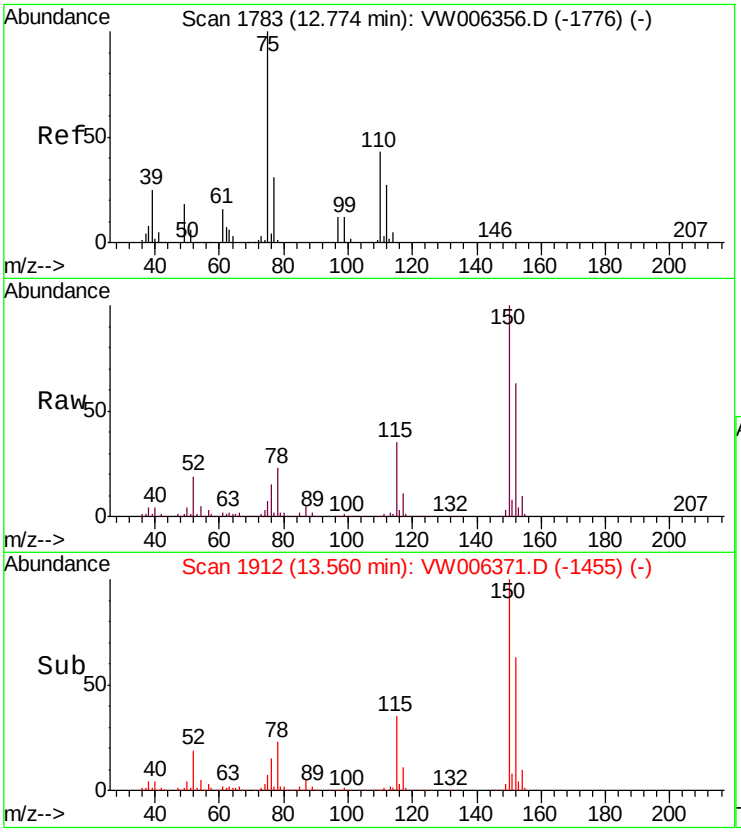




#49
2-Hexanone
Concen: 2.219 ug/L
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW006371.D
Acq: 25 Oct 2018 18:49

Tgt Ion: 43 Resp: 5559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 25.8 | 42.1 | 63.1# |
| 57 | 24.1 | 15.1 | 22.7# |
| 100 | 0.0 | 9.9 | 14.9# |






#59
1,2,3-Trichloropropane
Concen: 5.235 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW006371.D
Acq: 25 Oct 2018 18:49

**Instrument :**
MSVOA_W
**ClientSampleId :**
A40E2

Tgt Ion: 75 Resp: 17930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 36.8 | 25.9 | 38.9 |