Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040619\
Data File : VV010149.D
Acq On : 06 Apr 2019 13:25
Operator : SY/MD
Sample : K2259-15
Misc : 6.84G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** ETJ35

Quant Time: Apr 07 00:53:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Sun Apr 07 00:49:32 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.66 | 114 | 285824 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.90 | 117 | 266843 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 110922 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 42670 | 11.15 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 44.60% | | | |
| 7) Chloroethane-d5 | 1.57 | 69 | 56626 | 11.91 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 47.64% | | | |
| 10) 1,1-Dichloroethene-d2 | 2.12 | 63 | 96584 | 10.01 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 40.04%# | | | |
| 20) 2-Butanone-d5 | 3.94 | 46 | 44901 | 41.24 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 82.48% | | | |
| 24) Chloroform-d | 4.40 | 84 | 155613 | 21.61 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 86.44% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.08 | 65 | 94169 | 23.37 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 93.48% | | | |
| 29) Benzene-d6 | 5.10 | 84 | 295999 | 21.39 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 85.56% | | | |
| 33) 1,2-Dichloropropane-d6 | 6.12 | 67 | 98060 | 24.01 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 96.04% | | | |
| 37) Toluene-d8 | 7.36 | 98 | 269196 | 20.19 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 80.76% | | | |
| 38) trans-1,3-Dichloropropene- | 7.66 | 79 | 30951 | 17.73 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 70.92% | | | |
| 39) 2-Hexanone-d5 | 8.14 | 63 | 33140 | 40.46 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 80.92% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26 | 84 | 80880 | 20.08 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 80.32% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 11.68 | 152 | 97742 | 22.62 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 90.48% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.20 | 43 | 3740 | 3.474 | ug/L | 86 |
| 14) Carbon disulfide | 2.31 | 76 | 7634 | 0.941 | ug/L | 99 |
| 16) Methylene chloride | 2.53 | 84 | 8360 | 1.665 | ug/L | 97 |
| 18) trans-1,2-Dichloroethene | 2.79 | 96 | 5393 | 1.580 | ug/L | 84 |
| 22) cis-1,2-Dichloroethene | 3.96 | 96 | 307637 | 81.172 | ug/L | 99 |
| 42) cis-1,3-Dichloropropene | 7.03 | 75 | 2666 | 0.559 | ug/L | 92 |

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

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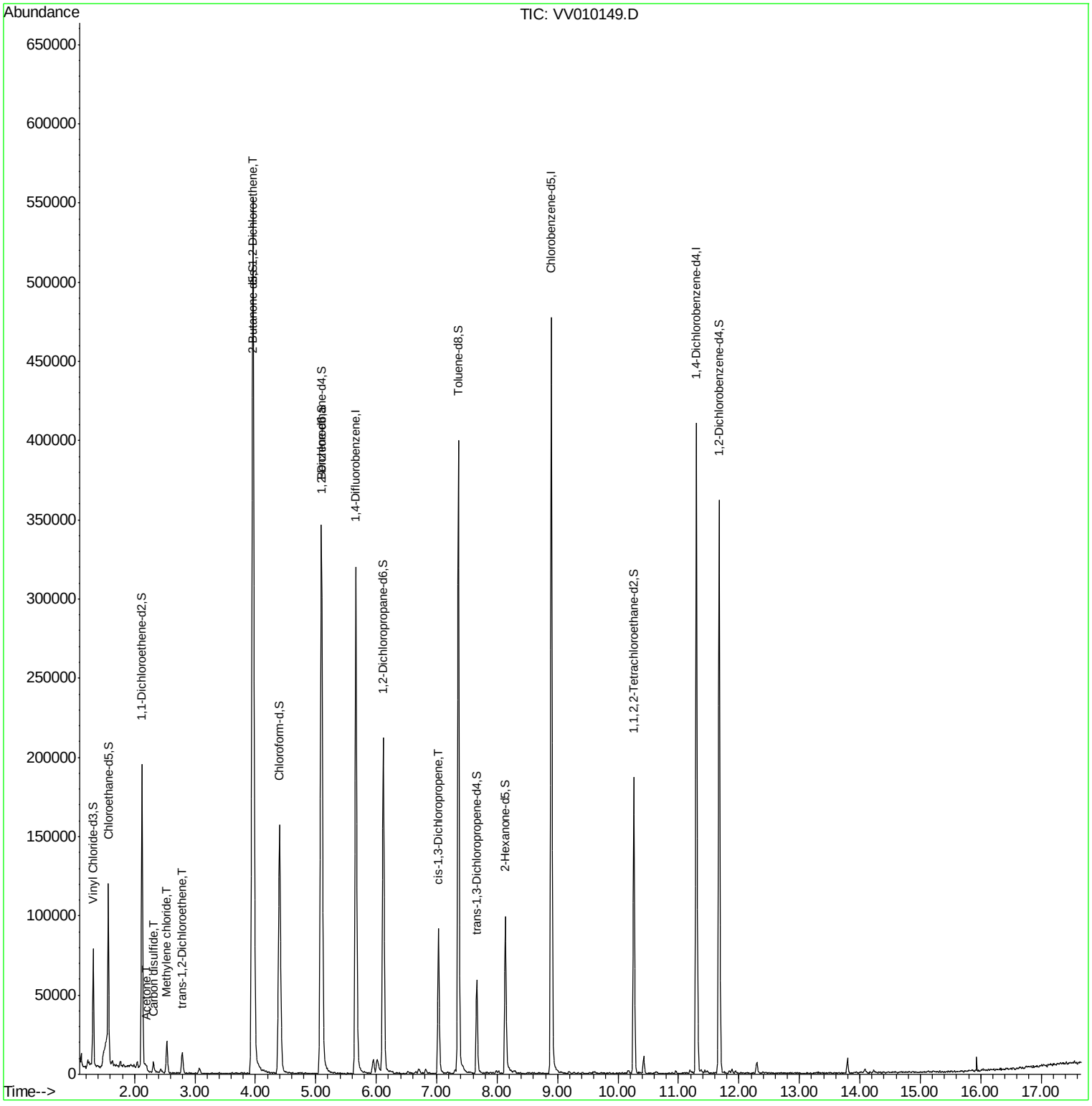
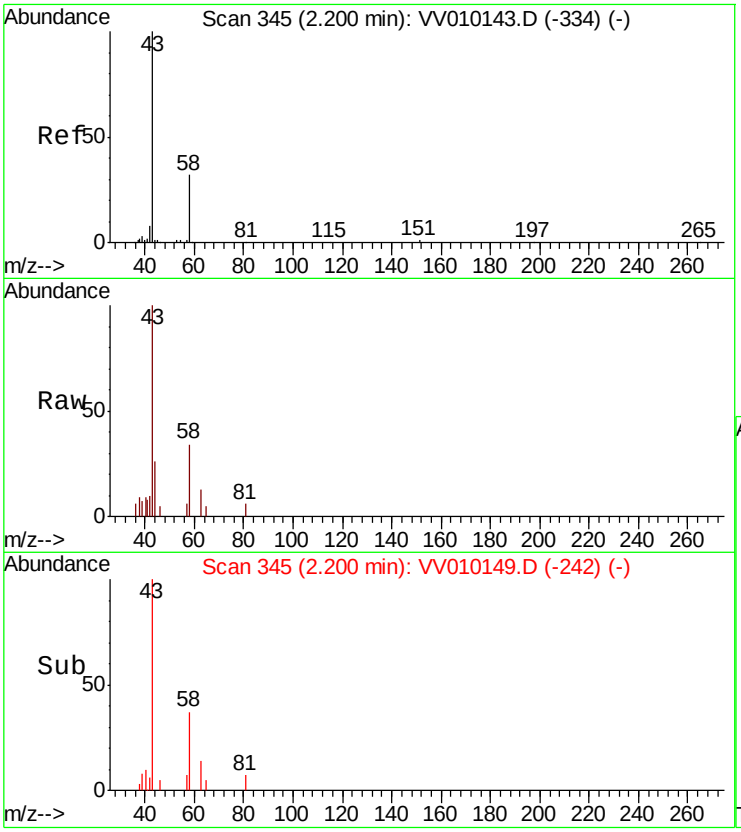
**Instrument :**
MSVOA_V
**ClientSampleId :**
ETJ35

Quant Time: Apr 07 00:53:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Sun Apr 07 00:49:32 2019
Response via : Initial Calibration



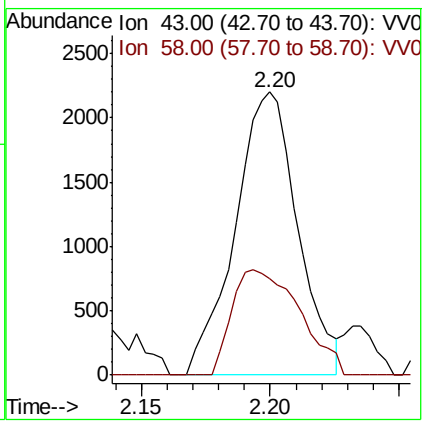


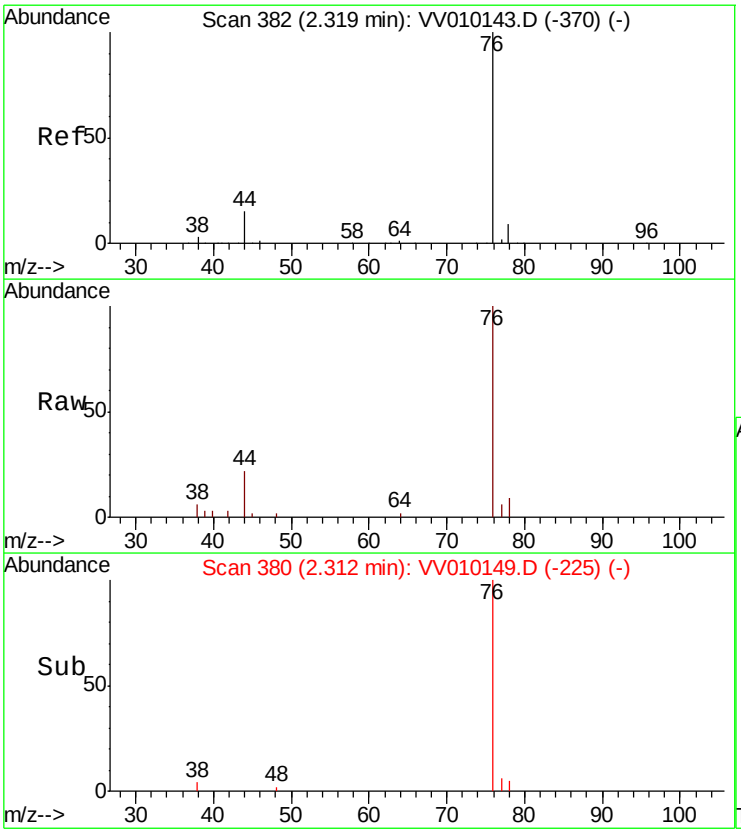

#13
Acetone
Concen: 3.474 ug/L
RT: 2.20 min Scan# 345
Delta R.T. 0.00 min
Lab File: VV010149.D
Acq: 06 Apr 2019 13:25

**Instrument :** MSVOA_V
**ClientSampleId :** ETJ35

Tgt Ion: 43 Resp: 3740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 40.2 | 0.0 | 64.6 |

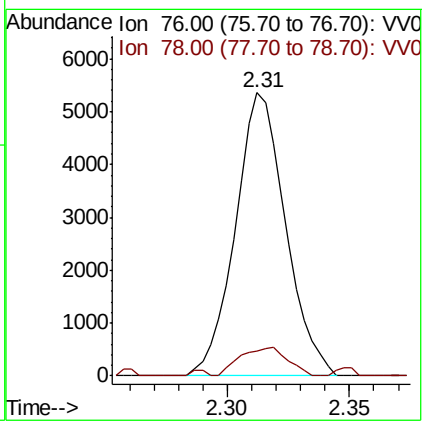


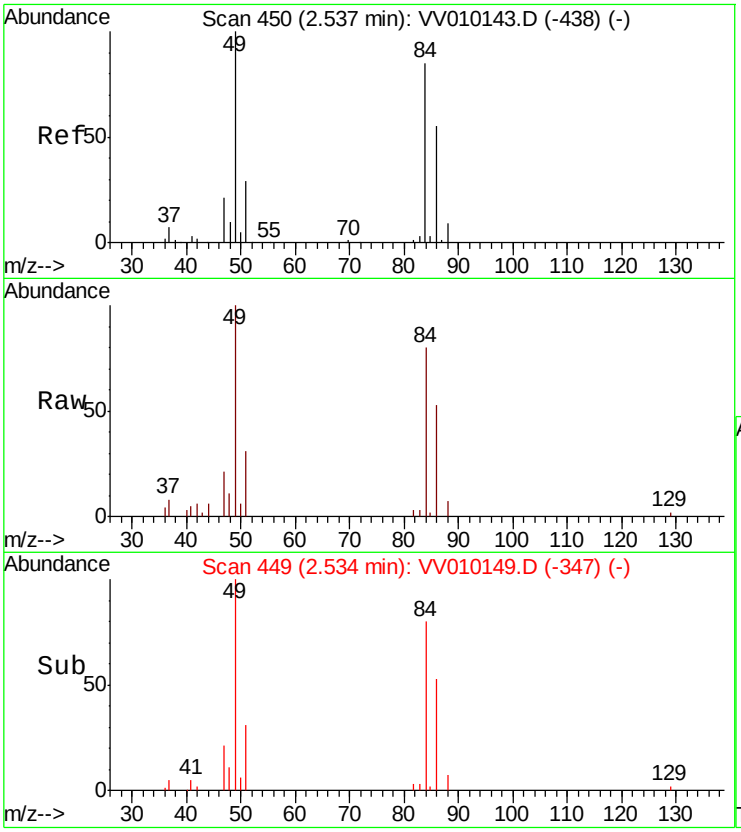




#14
Carbon disulfide
Concen: 0.941 ug/L
RT: 2.31 min Scan# 380
Delta R.T. -0.00 min
Lab File: VV010149.D
Acq: 06 Apr 2019 13:25

Tgt Ion: 76 Resp: 7634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.6 | 7.1 | 10.7 |



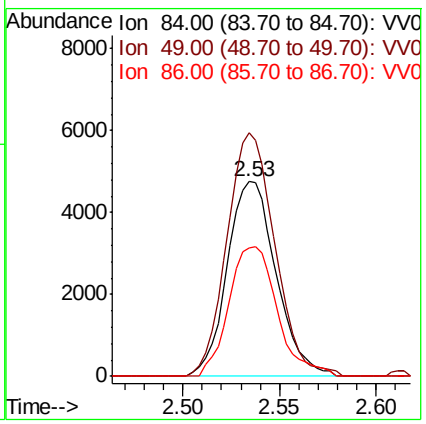


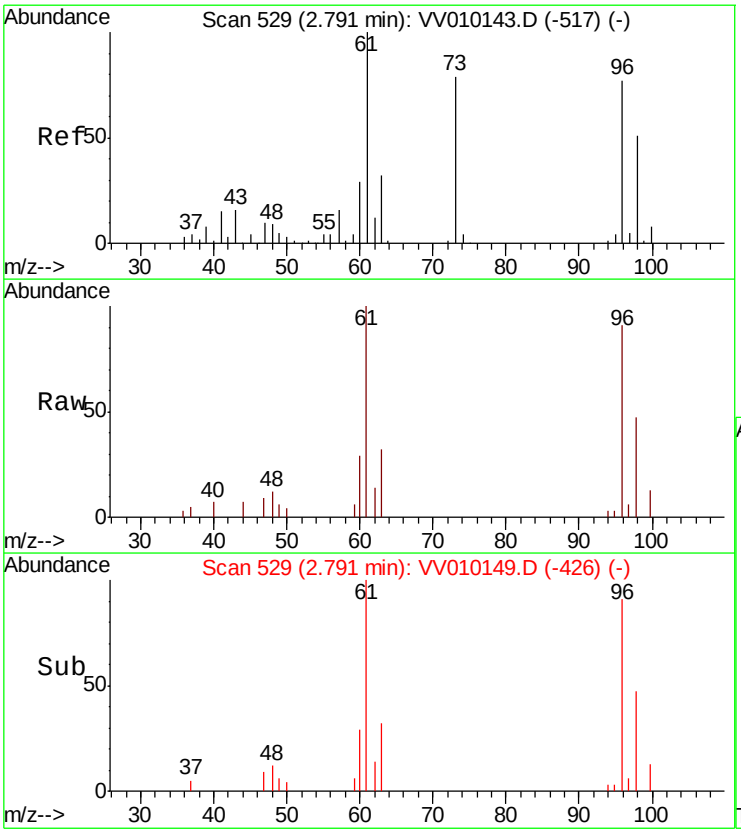

#16
Methylene chloride
Concen: 1.665 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010149.D
Acq: 06 Apr 2019 13:25

**Instrument :**
MSVOA_V
**ClientSampleId :**
ETJ35

Tgt Ion: 84 Resp: 8360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 125.1 | 84.3 | 156.5 |
| 86 | 66.3 | 45.4 | 84.2 |

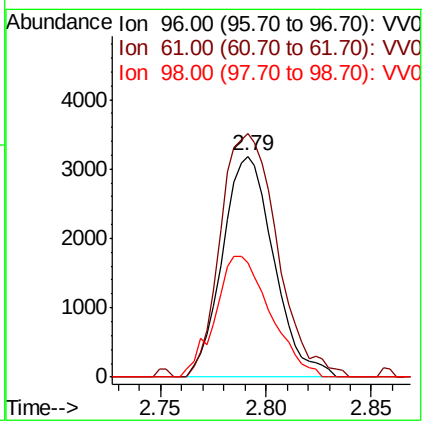


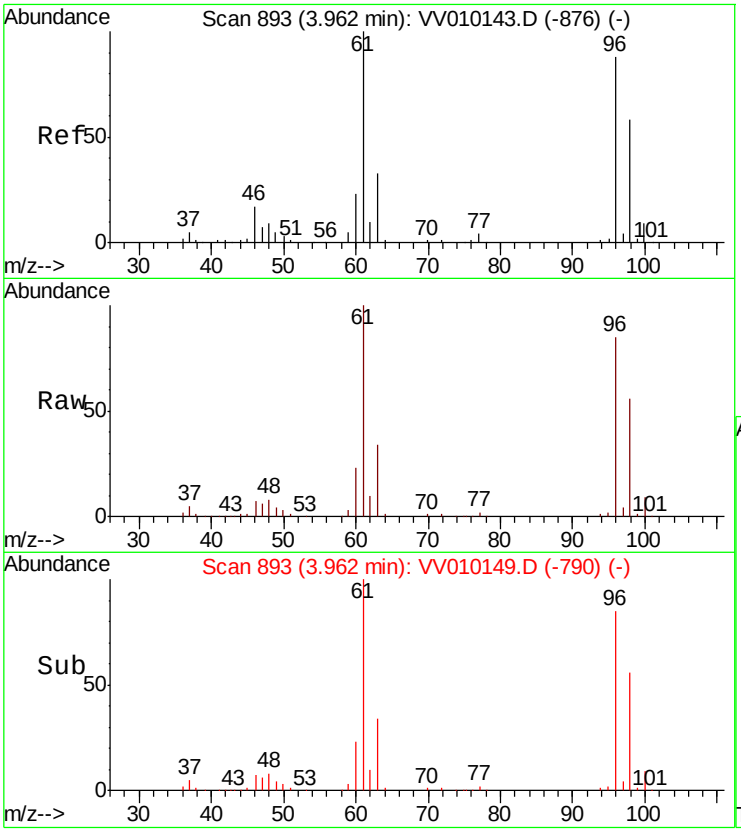




#18
trans-1,2-Dichloroethene
Concen: 1.580 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV010149.D
Acq: 06 Apr 2019 13:25

Tgt Ion: 96 Resp: 5393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 110.2 | 90.0 | 167.2 |
| 98 | 51.5 | 44.2 | 82.2 |



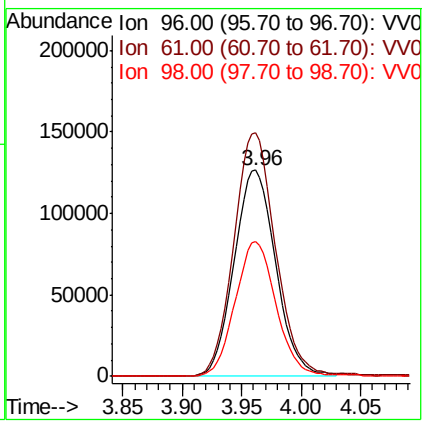


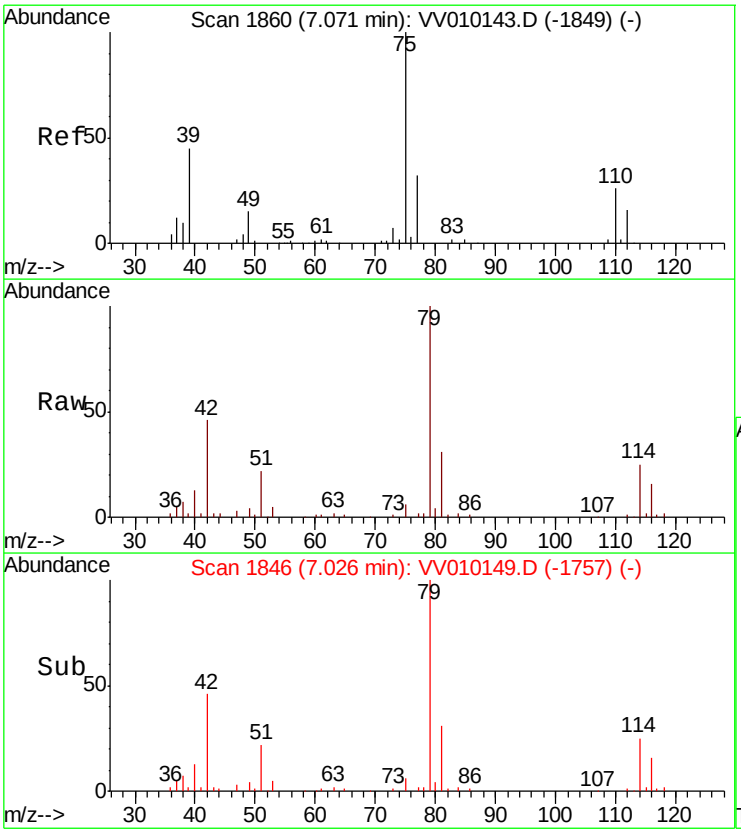

#22
cis-1,2-Dichloroethene
Concen: 81.172 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV010149.D
Acq: 06 Apr 2019 13:25

**Instrument :**
MSVOA_V
**ClientSampleId :**
ETJ35

Tgt Ion: 96 Resp: 307637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 118.2 | 82.7 | 153.5 |
| 98 | 65.7 | 43.9 | 81.5 |




#42
cis-1,3-Dichloropropene
Concen: 0.559 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV010149.D
Acq: 06 Apr 2019 13:25

Tgt Ion: 75 Resp: 2666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 36.1 | 22.1 | 41.1 |