Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022219\

Quantitation Report (Not Reviewed)

Data File : VV009333.D
Acq On : 22 Feb 2019 17:13
Operator : SY/MD
Sample : K1579-03
Misc : 4.92G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** DB600

Quant Time: Feb 23 00:40:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 23 00:37:16 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.66 | 114 | 96870 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.90 | 117 | 71151 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 19667 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 35524 | 27.56 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 110.24% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 52989 | 34.76 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 139.04% | | | |
| 10) 1,1-Dichloroethene-d2 | 2.13 | 63 | 68468 | 21.61 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 86.44% | | | |
| 20) 2-Butanone-d5 | 3.95 | 46 | 17820 | 39.51 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 79.02% | | | |
| 24) Chloroform-d | 4.40 | 84 | 54333 | 24.15 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 96.60% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.08 | 65 | 29628 | 24.29 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 97.16% | | | |
| 29) Benzene-d6 | 5.10 | 84 | 115080 | 32.25 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 129.00% | | | |
| 33) 1,2-Dichloropropane-d6 | 6.12 | 67 | 35739 | 34.03 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 136.12%# | | | |
| 37) Toluene-d8 | 7.36 | 98 | 94393 | 27.79 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 111.16% | | | |
| 38) trans-1,3-Dichloropropene- | 7.67 | 79 | 12493 | 23.16 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 92.64% | | | |
| 39) 2-Hexanone-d5 | 8.14 | 63 | 14613 | 50.03 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 100.06% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26 | 84 | 25628 | 22.32 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 89.28% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 11.68 | 152 | 17512 | 24.24 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 96.96% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.20 | 43 | 15657 | 35.511 | ug/L | 97 |
| 14) Carbon disulfide | 2.31 | 76 | 1763 | 0.464 | ug/L # | 91 |
| 16) Methylene chloride | 2.54 | 84 | 1344 | 0.917 | ug/L | 89 |
| 21) 2-Butanone | 4.04 | 43 | 7103 | 14.062 | ug/L # | 65 |
| 40) 1,2-Dichloropropane | 6.12 | 63 | 3983 | 4.218 | ug/L # | 85 |
| 42) cis-1,3-Dichloropropene | 7.03 | 75 | 1115 | 0.696 | ug/L # | 64 |
| 45) trans-1,3-Dichloropropene | 7.67 | 75 | 669 | 0.477 | ug/L # | 76 |
| 59) 1,2,3-Trichloropropane | 11.30 | 75 | 2875 | 3.381 | ug/L | 89 |

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

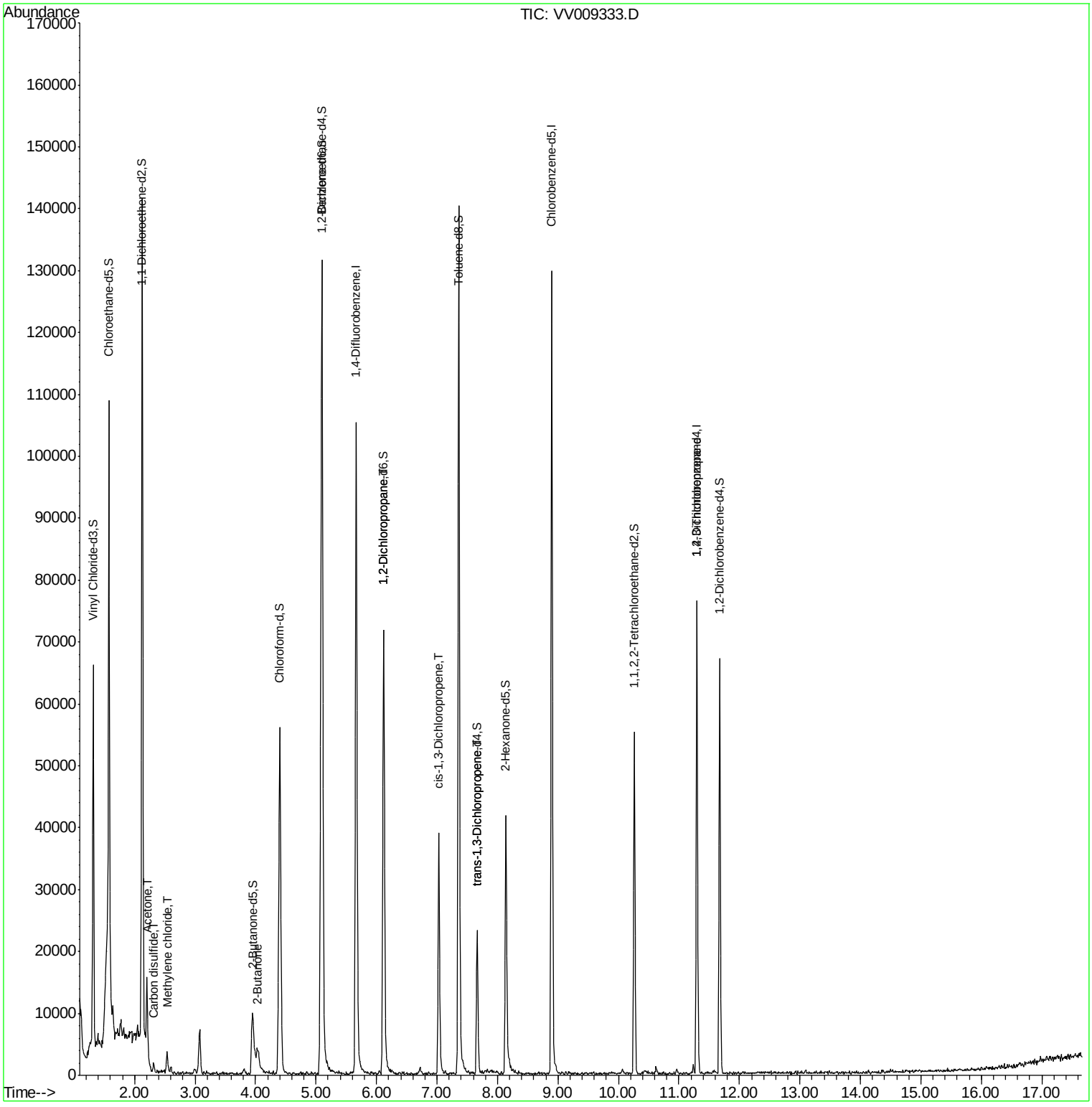
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022219\

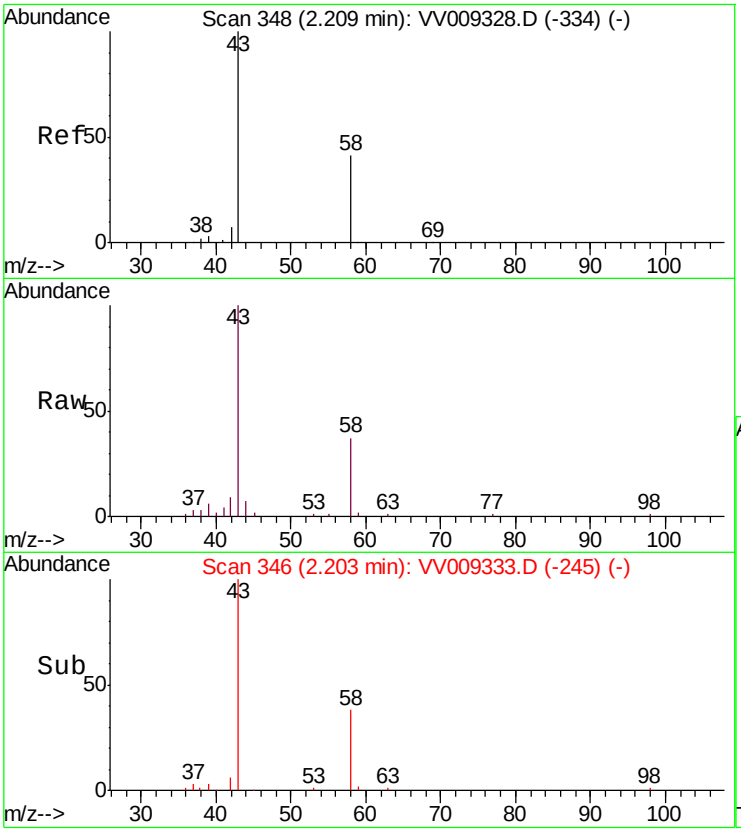
Quantitation Report (Not Reviewed)

Data File : VV009333.D
Acq On : 22 Feb 2019 17:13
Operator : SY/MD
Sample : K1579-03
Misc : 4.92G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** DB600

Quant Time: Feb 23 00:40:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 23 00:37:16 2019
Response via : Initial Calibration



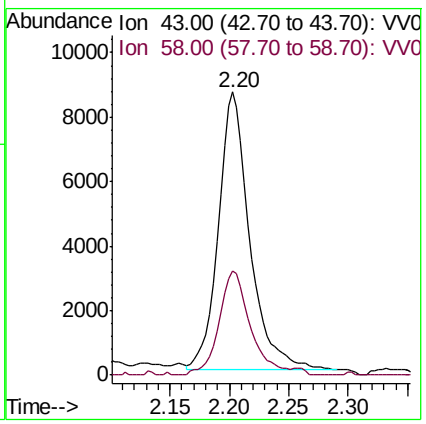


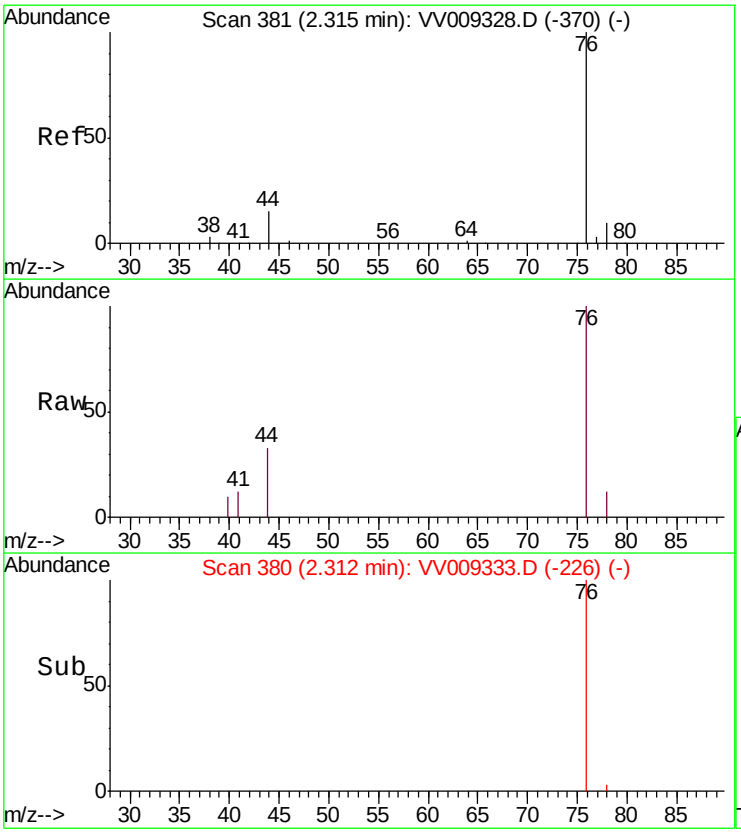

#13
Acetone
Concen: 35.511 ug/L
RT: 2.20 min Scan# 346
Delta R.T. -0.01 min
Lab File: VV009333.D
Acq: 22 Feb 2019 17:13

**Instrument :**
MSVOA_V
**ClientSampleId :**
DB600

Tgt Ion: 43 Resp: 15657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 37.7 | 0.0 | 72.0 |

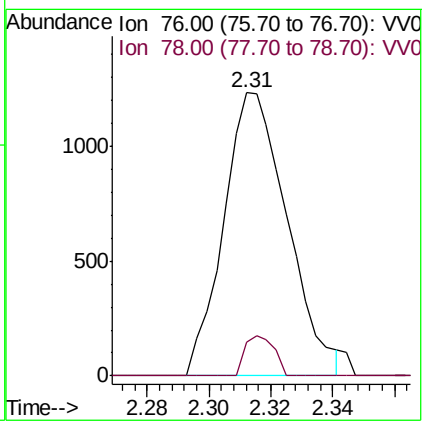


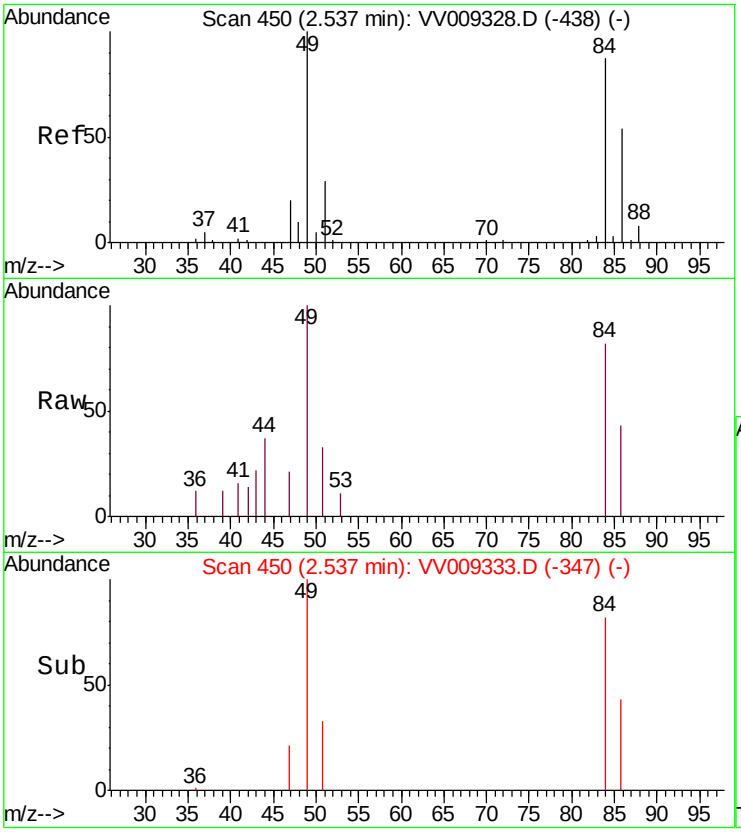




#14
Carbon disulfide
Concen: 0.464 ug/L
RT: 2.31 min Scan# 380
Delta R.T. -0.00 min
Lab File: VV009333.D
Acq: 22 Feb 2019 17:13

Tgt Ion: 76 Resp: 1763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 11.8 | 6.9 | 10.3# |



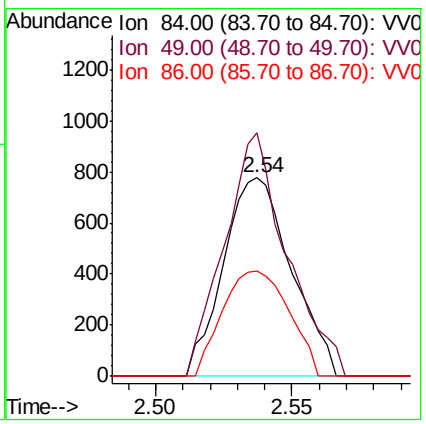


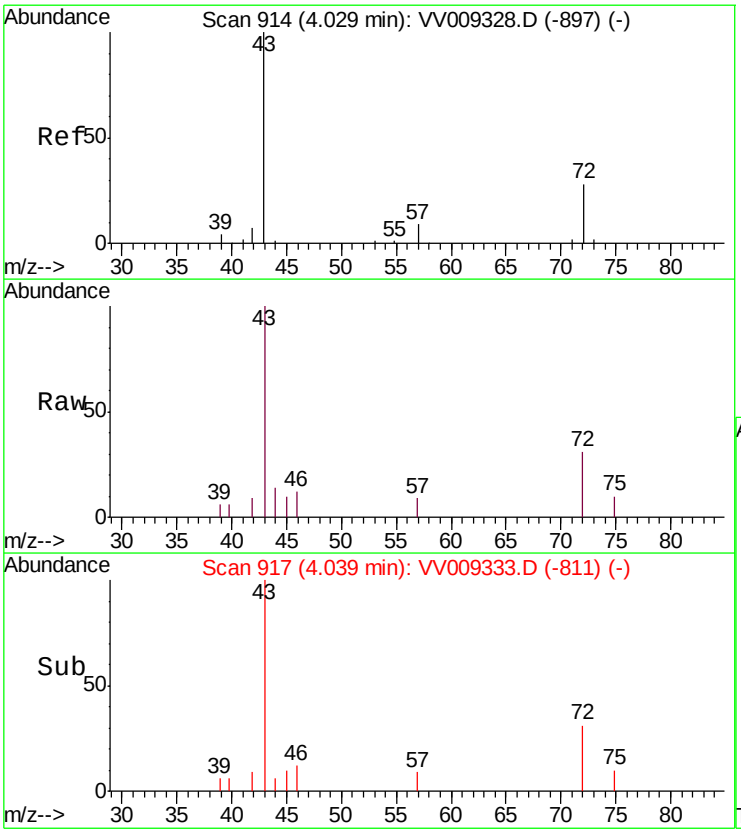

#16
Methylene chloride
Concen: 0.917 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV009333.D
Acq: 22 Feb 2019 17:13

**Instrument :** MSVOA_V
**ClientSampleId :** DB600

Tgt Ion: 84 Resp: 1344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 122.7 | 78.7 | 146.1 |
| 86 | 52.9 | 44.0 | 81.6 |

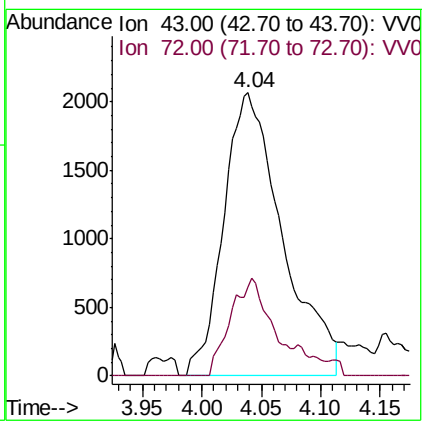


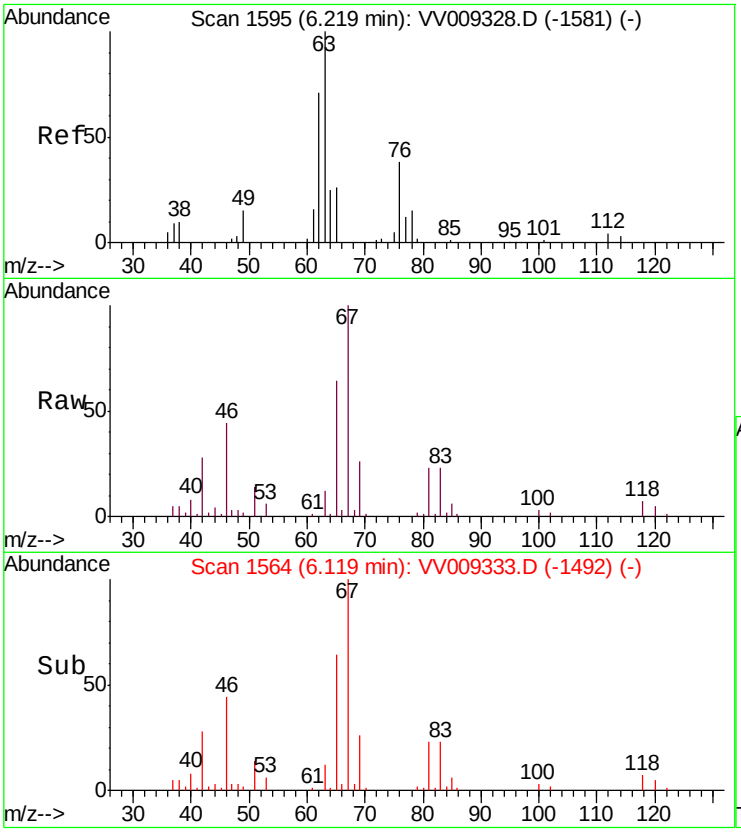




#21
2-Butanone
Concen: 14.062 ug/L
RT: 4.04 min Scan# 917
Delta R.T. 0.01 min
Lab File: VV009333.D
Acq: 22 Feb 2019 17:13

Tgt Ion: 43 Resp: 7103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 11.5 | 15.4 | 46.2# |



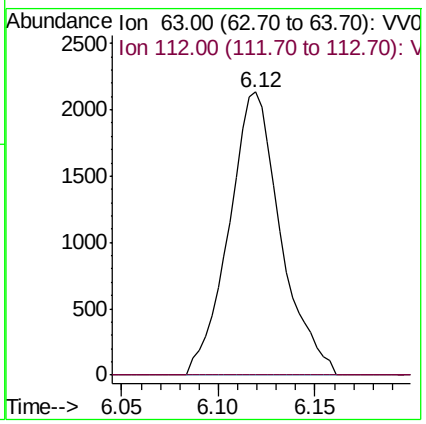


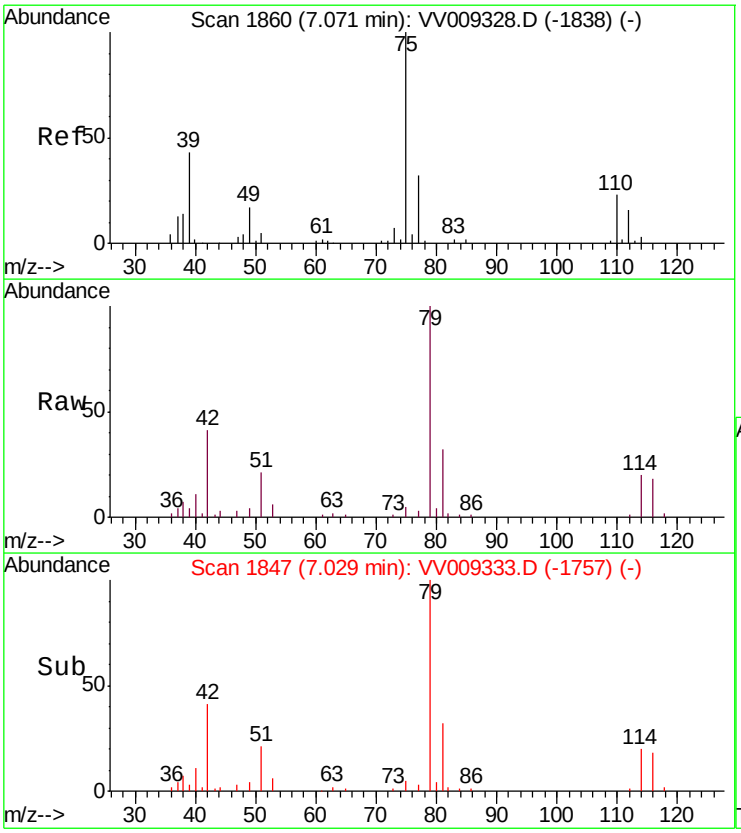

#40
1,2-Dichloropropane
Concen: 4.218 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009333.D
Acq: 22 Feb 2019 17:13

**Instrument :** MSVOA_V
**ClientSampleId :** DB600

Tgt Ion: 63 Resp: 3983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.8 | 5.8# |

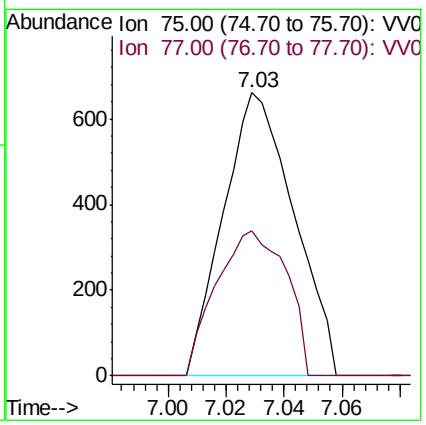


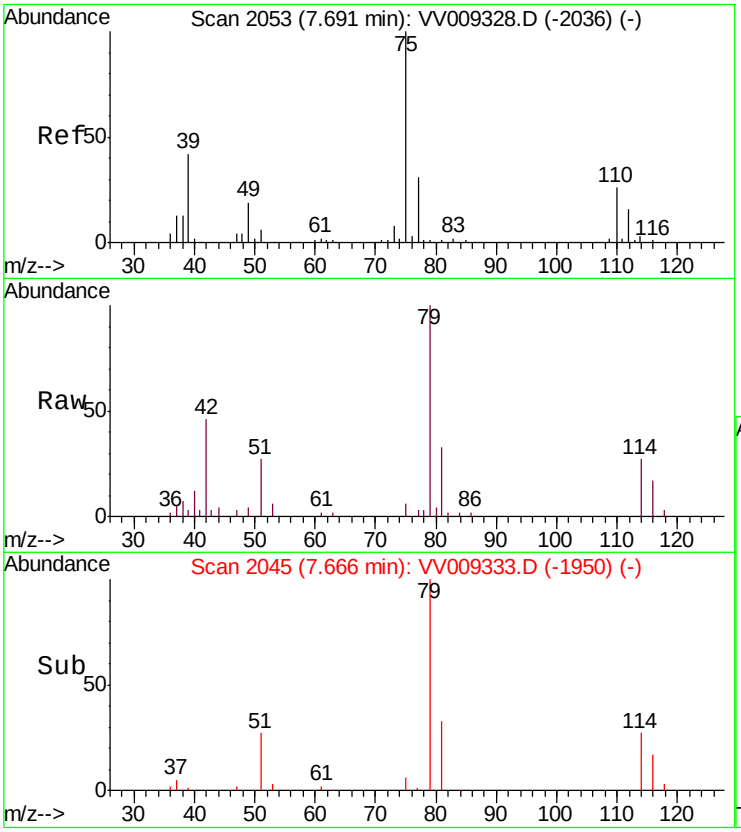




#42
cis-1,3-Dichloropropene
Concen: 0.696 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009333.D
Acq: 22 Feb 2019 17:13

Tgt Ion: 75 Resp: 1115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 51.3 | 22.0 | 40.8# |



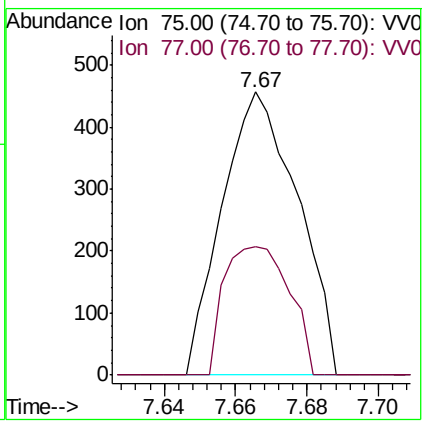


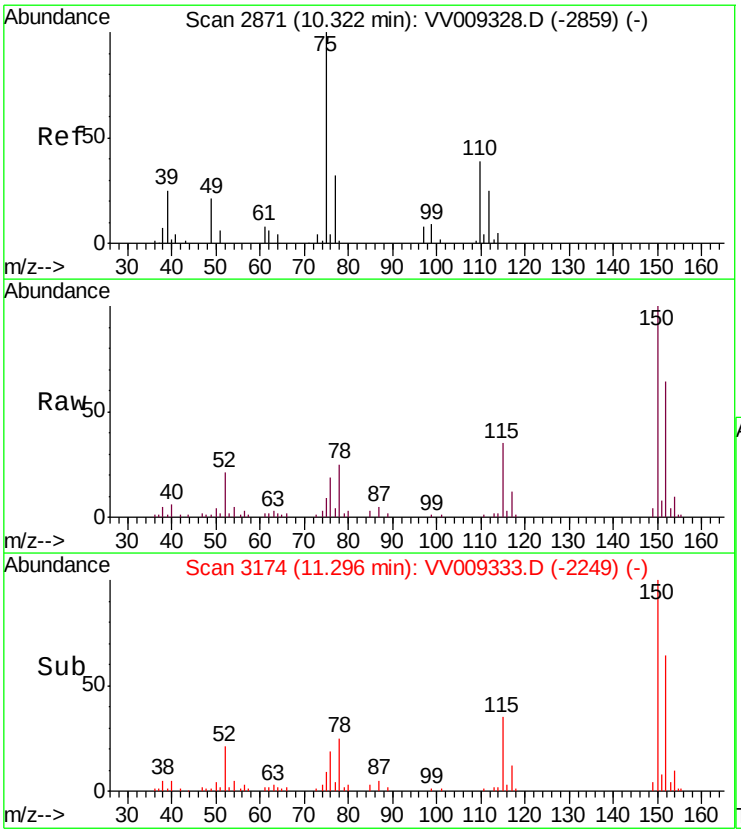

#45
trans-1,3-Dichloropropene
Concen: 0.477 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV009333.D
Acq: 22 Feb 2019 17:13

**Instrument :** MSVOA_V
**ClientSampleId :** DB600

Tgt Ion: 75 Resp: 669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 45.5 | 22.6 | 42.0# |




#59
1,2,3-Trichloropropane
Concen: 3.381 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV009333.D
Acq: 22 Feb 2019 17:13

Tgt Ion: 75 Resp: 2875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 39.3 | 26.3 | 39.5 |