Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031219\

Quantitation Report (Not Reviewed)

Data File : VV009617.D
Acq On : 12 Mar 2019 20:39
Operator : SY/MD
Sample : K1818-02ME
Misc : 5.93g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BF0Q6ME

Quant Time: Mar 13 02:24:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031219WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 13 02:20:07 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.66 | 114 | 164419 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.90 | 117 | 164018 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 73442 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 41768 | 42.92 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 85.84% | | | |
| 7) Chloroethane-d5 | 1.55 | 69 | 24020 | 23.71 | ug/L | -0.03 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 47.42%# | | | |
| 11) 1,1-Dichloroethene-d2 | 2.10 | 63 | 88176 | 34.35 | ug/L | -0.03 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 68.70% | | | |
| 21) 2-Butanone-d5 | 3.95 | 46 | 68941 | 95.87 | ug/L | 0.02 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 95.87% | | | |
| 24) Chloroform-d | 4.40 | 84 | 96104 | 45.21 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 90.42% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.08 | 65 | 69894 | 49.69 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 99.38% | | | |
| 32) Benzene-d6 | 5.09 | 84 | 203567 | 47.73 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 95.46% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.12 | 67 | 63499 | 49.79 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 99.58% | | | |
| 41) Toluene-d8 | 7.36 | 98 | 200099 | 48.16 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 96.32% | | | |
| 43) trans-1,3-Dichloropropene- | 7.67 | 79 | 29994 | 45.54 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 91.08% | | | |
| 47) 2-Hexanone-d5 | 8.14 | 63 | 55828 | 100.09 | ug/L | 0.02 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 100.09% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27 | 84 | 95779 | 46.75 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 93.50% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.68 | 152 | 74546 | 48.12 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 96.24% | | | |

| Target Compounds | | | | | | Qvalue |
|---|---|---|---|---|---|---|
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.10 | 101 | 767 | 0.616 | ug/L # | 22 |
| 12) 1,1-Dichloroethene | 2.10 | 96 | 625 | 0.587 | ug/L # | 1 |
| 16) Methylene chloride | 2.52 | 84 | 568 | 0.548 | ug/L # | 59 |
| 33) Benzene | 5.10 | 78 | 1690 | 0.411 | ug/L | 100 |
| 35) Methylcyclohexane | 6.12 | 83 | 15929 | 8.962 | ug/L # | 20 |
| 37) 1,2-Dichloropropane | 6.12 | 63 | 7574 | 7.219 | ug/L # | 87 |
| 44) trans-1,3-Dichloropropene | 7.67 | 75 | 1576 | 1.004 | ug/L | 90 |
| 46) Tetrachloroethene | 8.02 | 164 | 17762 | 20.563 | ug/L | 98 |
| 49) Dibromochloromethane | 8.02 | 129 | 16764 | 13.918 | ug/L # | 11 |
| 59) 1,2,3-Trichloropropane | 11.30 | 75 | 10742 | 7.551 | ug/L | 95 |

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

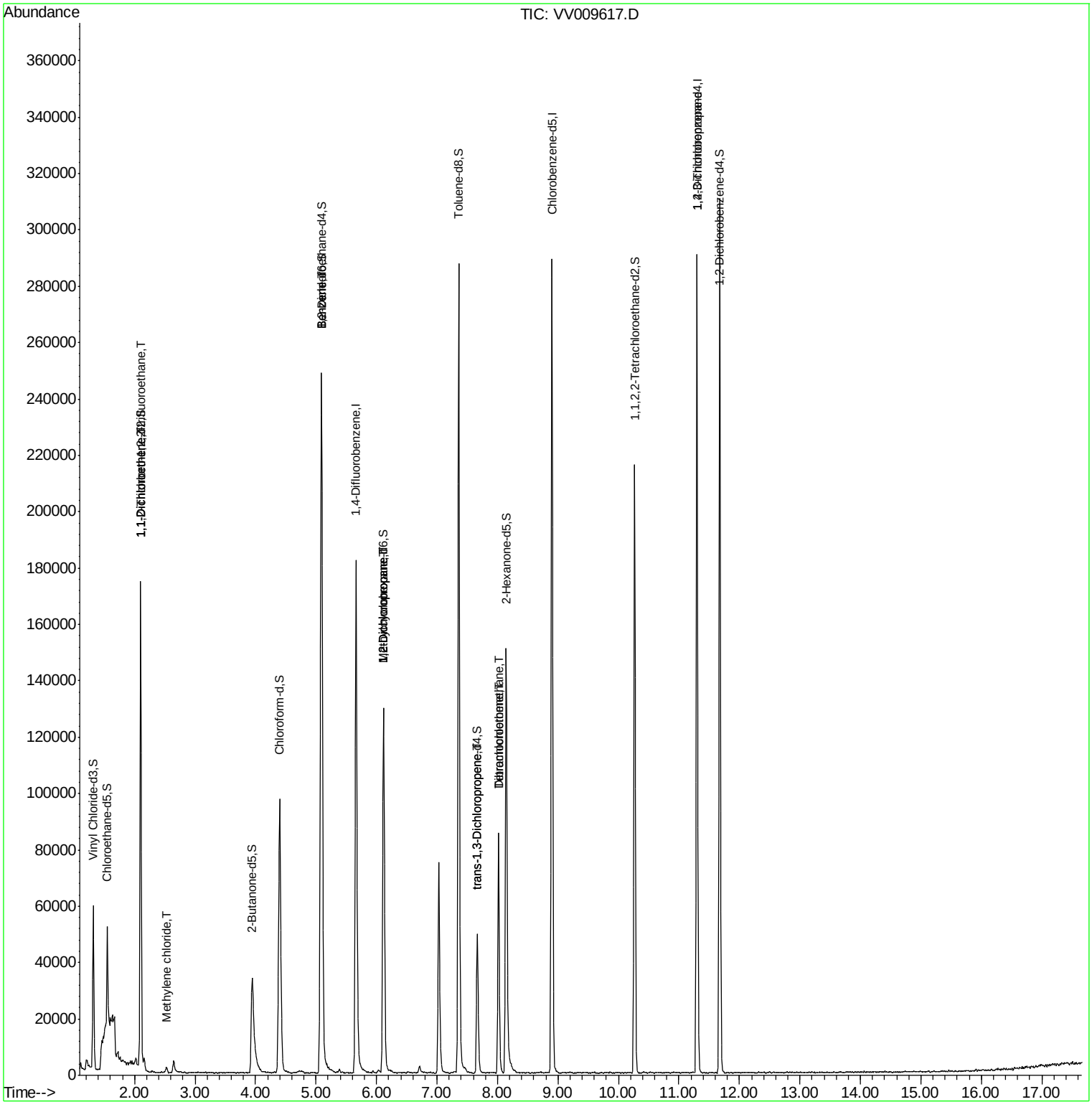
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031219\

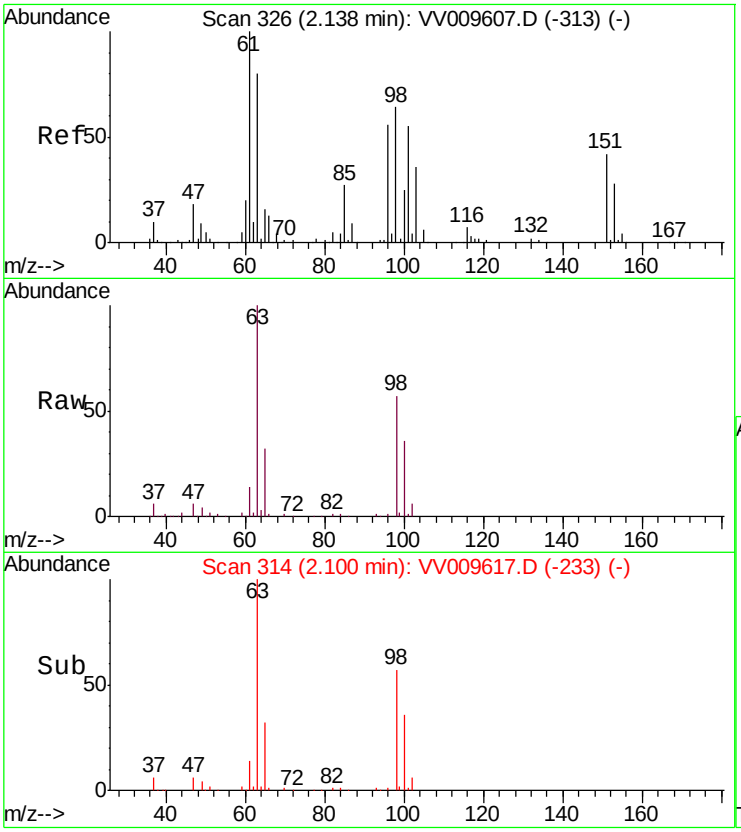
Quantitation Report (Not Reviewed)

Data File : VV009617.D
Acq On : 12 Mar 2019 20:39
Operator : SY/MD
Sample : K1818-02ME
Misc : 5.93g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BF0Q6ME

Quant Time: Mar 13 02:24:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031219WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 13 02:20:07 2019
Response via : Initial Calibration



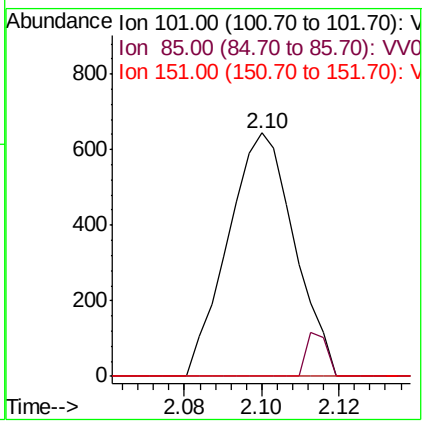


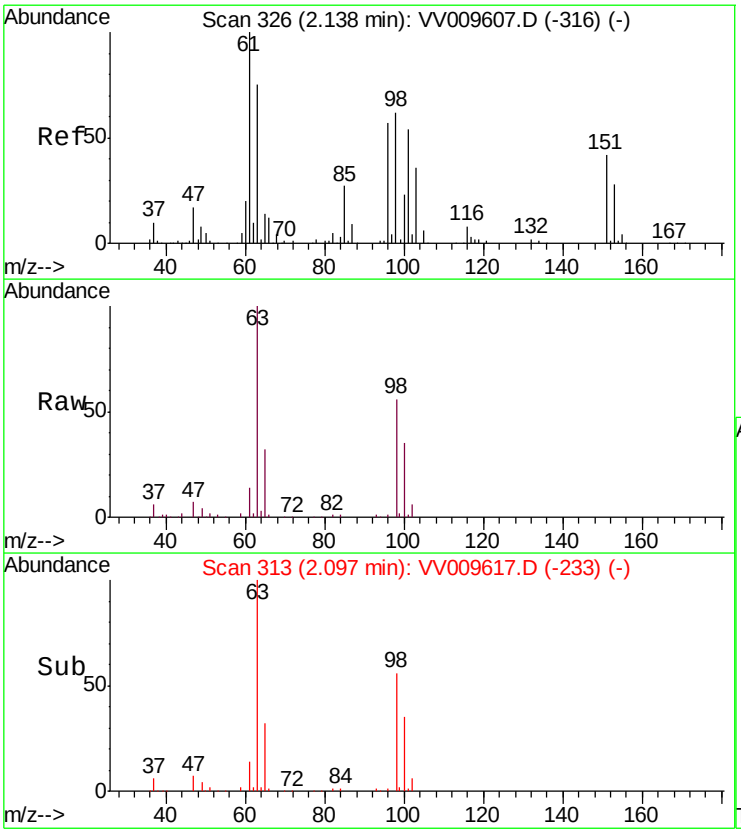

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.616 ug/L
RT: 2.10 min Scan# 314
Delta R.T. -0.04 min
Lab File: VV009617.D
Acq: 12 Mar 2019 20:39

**Instrument :**
MSVOA_V
**ClientSampleId :**
BF0Q6ME

Tgt Ion:101 Resp: 767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 5.5 | 37.8 | 56.6# |
| 151 | 0.0 | 59.6 | 89.4# |

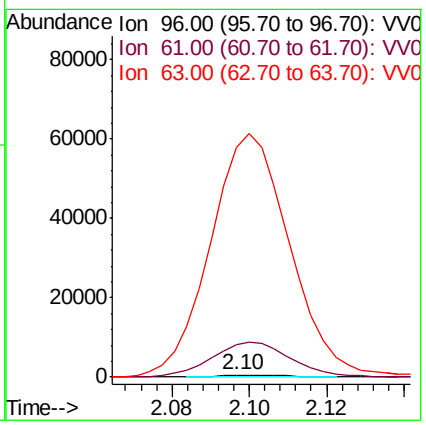


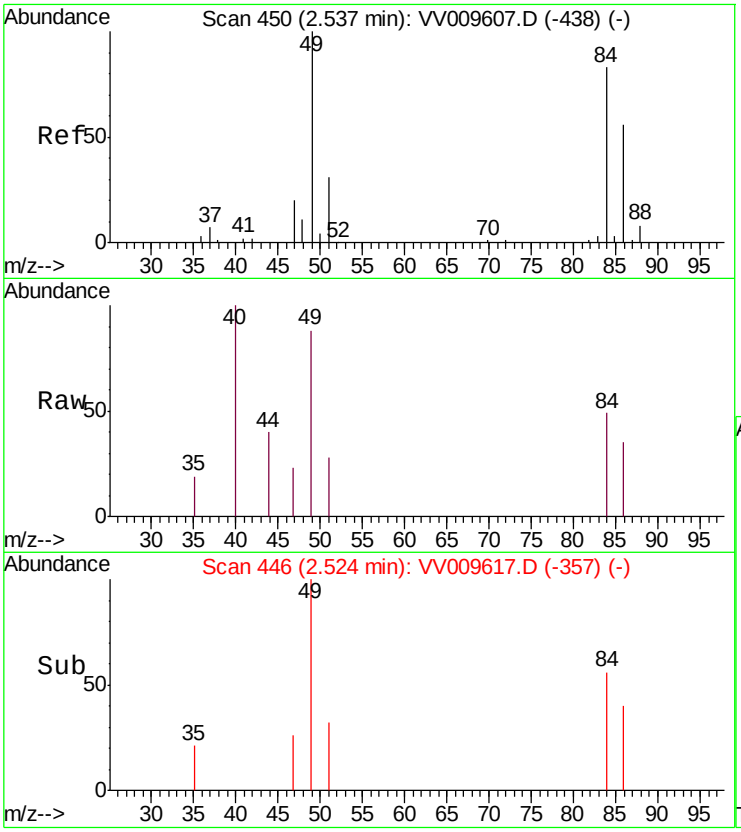




#12
1,1-Dichloroethene
Concen: 0.587 ug/L
RT: 2.10 min Scan# 313
Delta R.T. -0.04 min
Lab File: VV009617.D
Acq: 12 Mar 2019 20:39

Tgt Ion: 96 Resp: 625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1866.3 | 122.1 | 226.7# |
| 63 | 13477.2 | 107.6 | 199.8# |



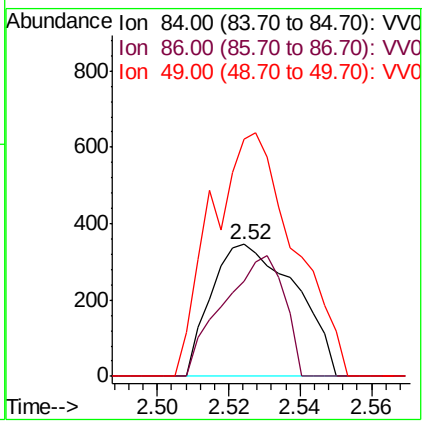


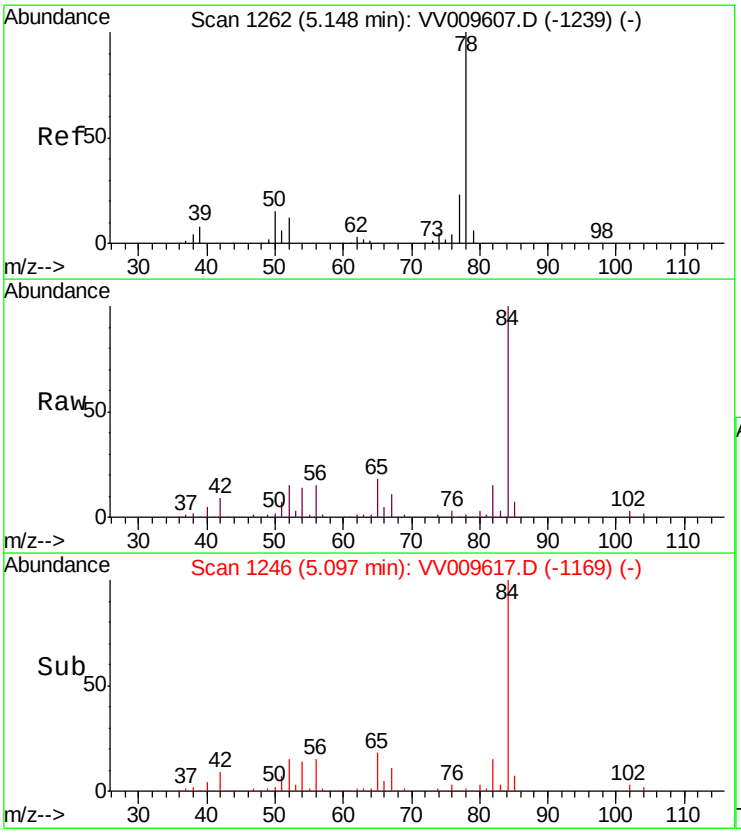

#16
Methylene chloride
Concen: 0.548 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.01 min
Lab File: VV009617.D
Acq: 12 Mar 2019 20:39

**Instrument :**
MSVOA_V
**ClientSampleId :**
BF0Q6ME

Tgt Ion: 84 Resp: 568

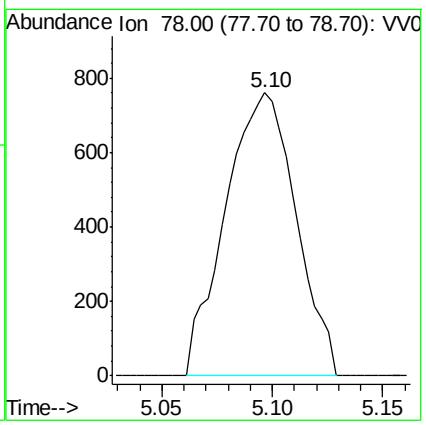
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 71.7 | 44.0 | 81.6 |
| 49 | 179.2 | 82.0 | 152.4# |

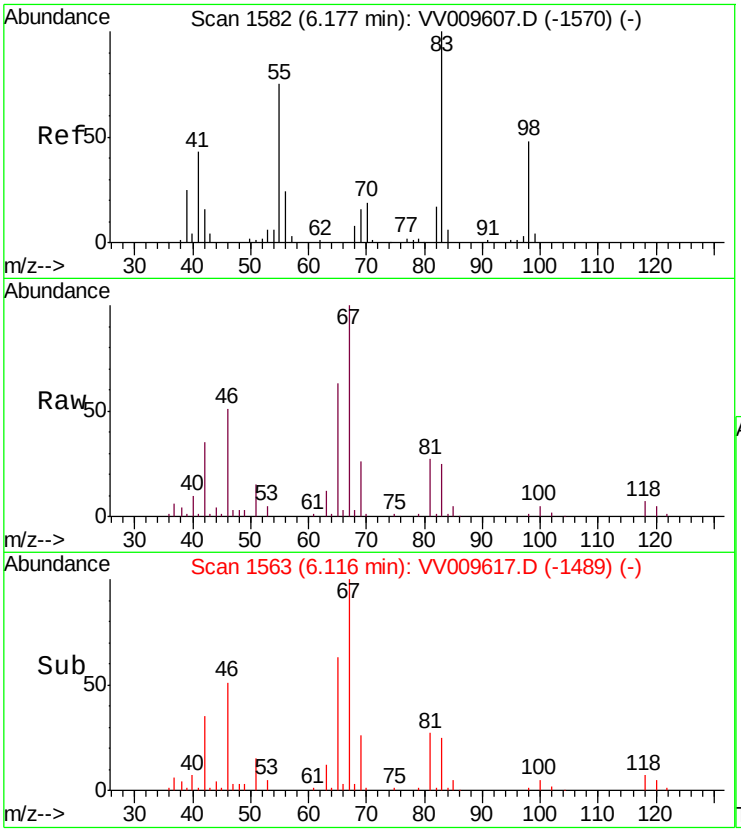



#33
Benzene
Concen: 0.411 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.05 min
Lab File: VV009617.D
Acq: 12 Mar 2019 20:39

Tgt Ion: 78 Resp: 1690



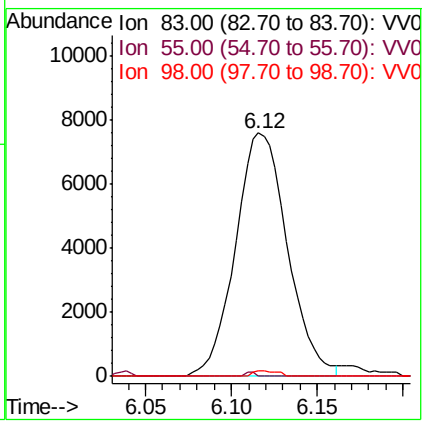


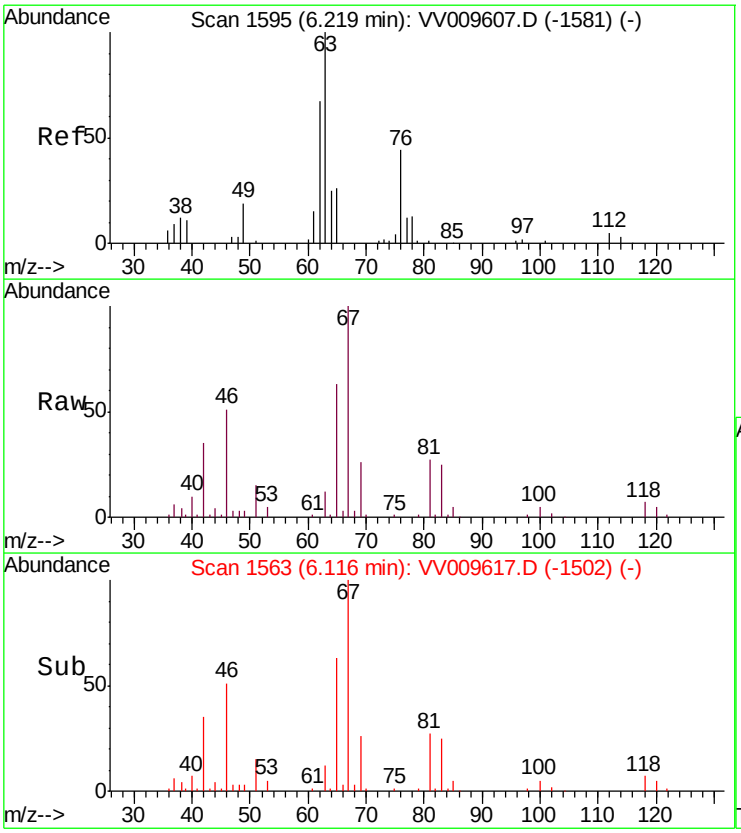

#35
Methylcyclohexane
Concen: 8.962 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV009617.D
Acq: 12 Mar 2019 20:39

**Instrument :**
MSVOA_V
**ClientSampleId :**
BF0Q6ME

Tgt Ion: 83 Resp: 15929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.3 | 57.9 | 86.9# |
| 98 | 0.9 | 39.2 | 58.8# |

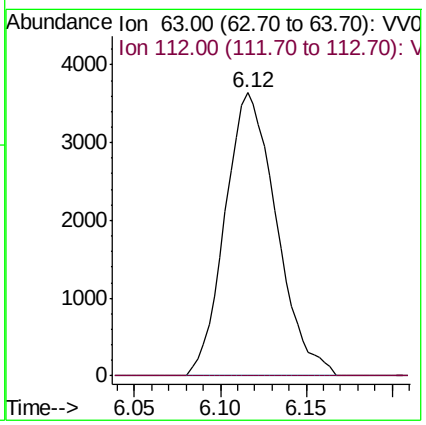


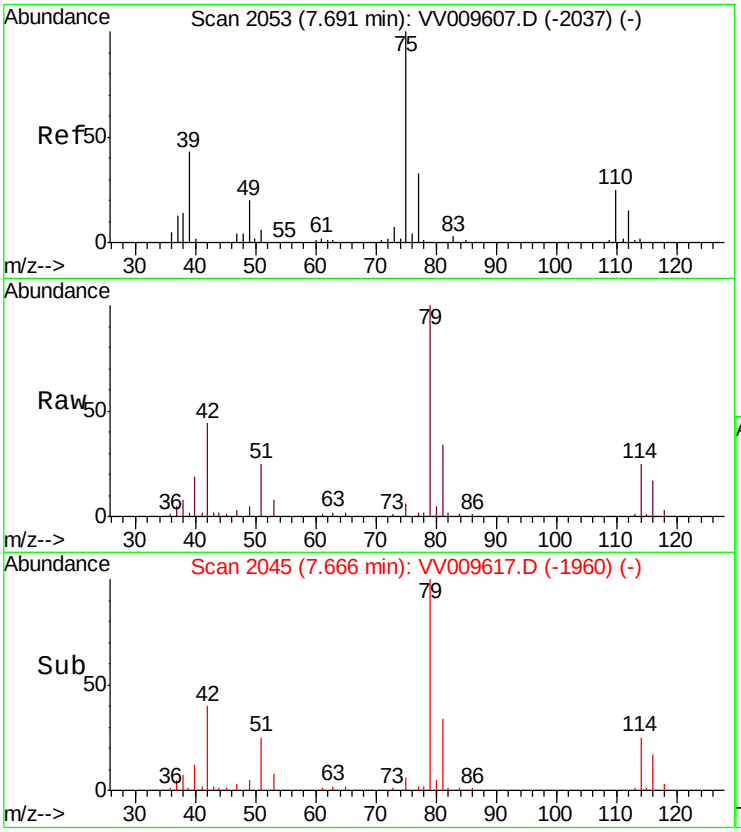




#37
1,2-Dichloropropane
Concen: 7.219 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV009617.D
Acq: 12 Mar 2019 20:39

Tgt Ion: 63 Resp: 7574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.4 | 5.0# |



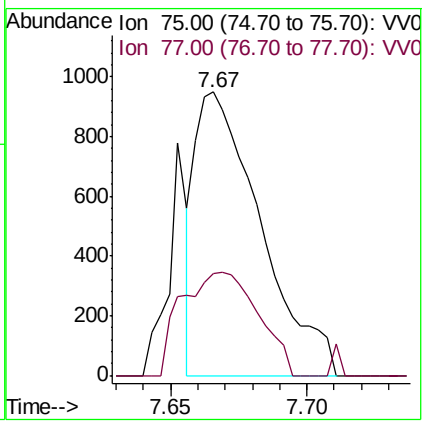


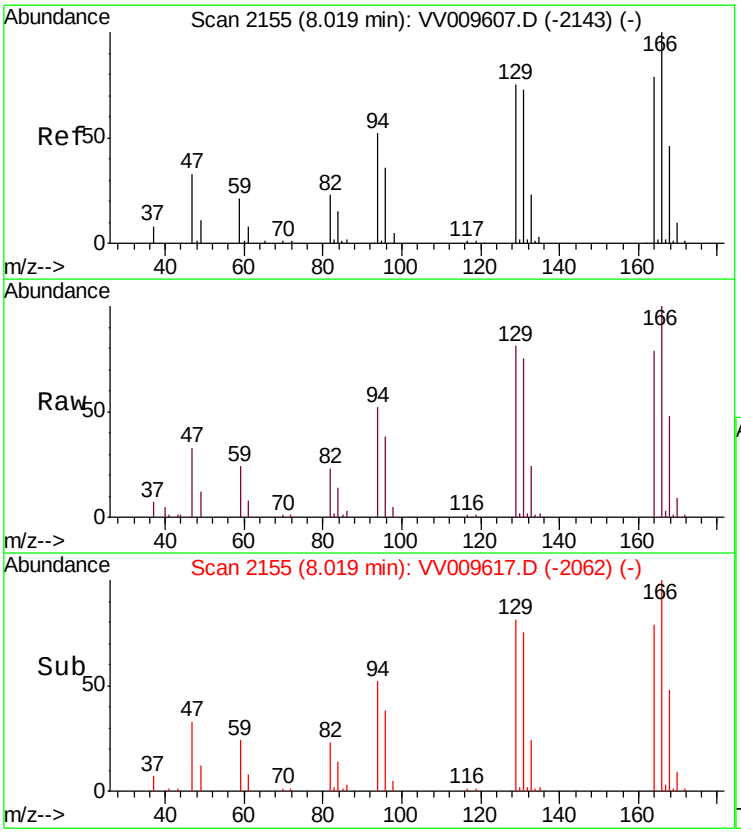

#44
trans-1,3-Dichloropropene
Concen: 1.004 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV009617.D
Acq: 12 Mar 2019 20:39

**Instrument :**
MSVOA_V
**ClientSampleId :**
BF0Q6ME

Tgt Ion: 75 Resp: 1576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 36.1 | 21.6 | 40.2 |

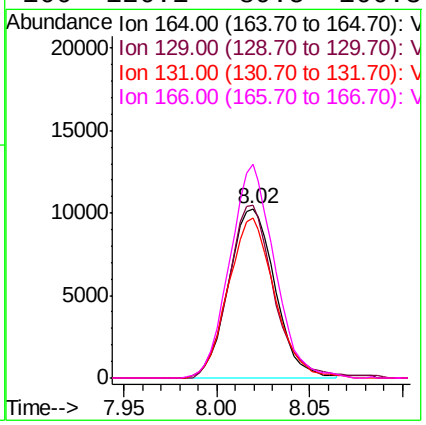


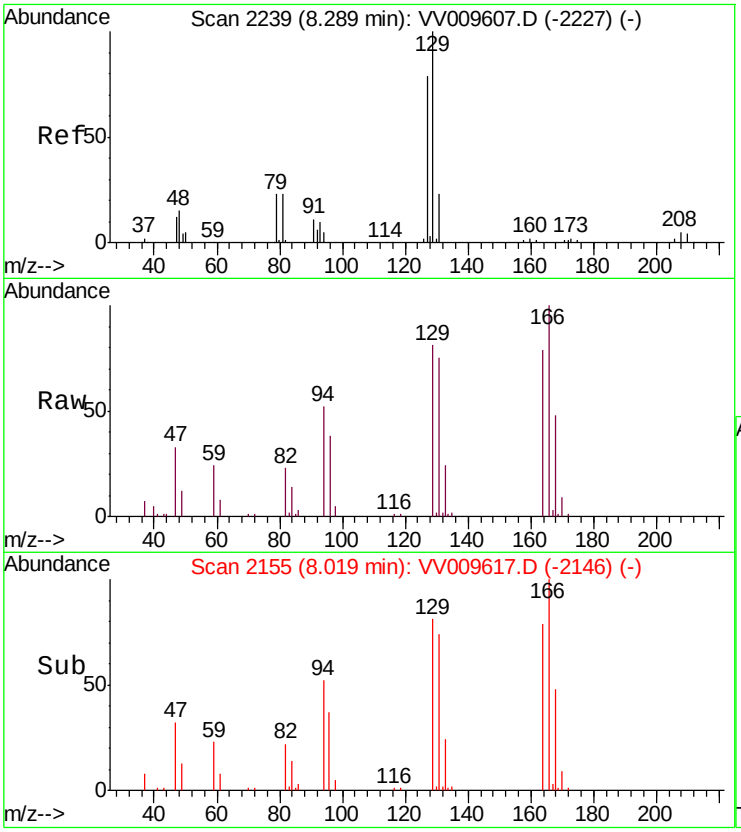




#46
Tetrachloroethene
Concen: 20.563 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV009617.D
Acq: 12 Mar 2019 20:39

Tgt Ion:164 Resp: 17762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 102.3 | 70.8 | 131.6 |
| 131 | 94.4 | 68.3 | 126.9 |
| 166 | 126.1 | 89.5 | 166.3 |



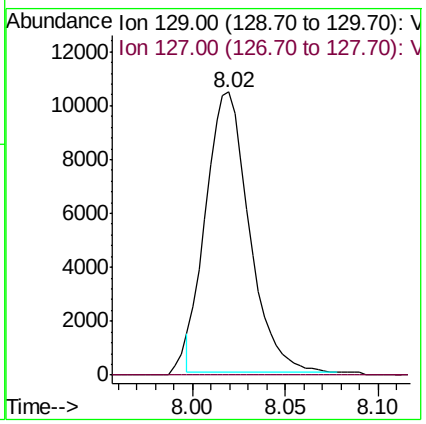


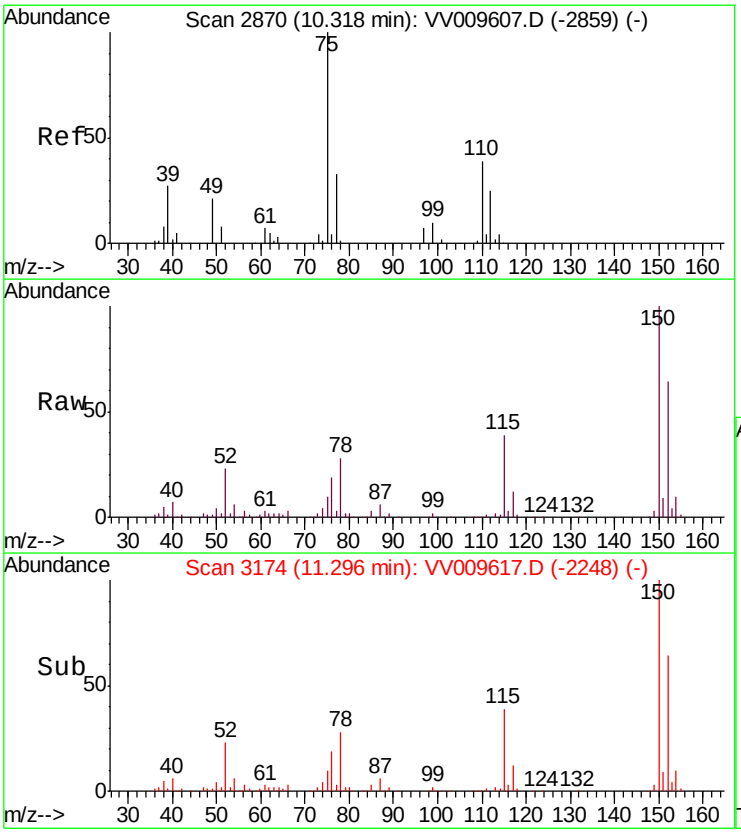

#49
Dibromochloromethane
Concen: 13.918 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV009617.D
Acq: 12 Mar 2019 20:39

**Instrument :**
MSVOA_V
**ClientSampleId :**
BF0Q6ME

Tgt Ion:129 Resp: 16764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 53.3 | 99.1# |




#59
1,2,3-Trichloropropane
Concen: 7.551 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009617.D
Acq: 12 Mar 2019 20:39

Tgt Ion: 75 Resp: 10742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 36.1 | 26.6 | 40.0 |