Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060619\

Quantitation Report (Not Reviewed)

Data File : VV011246.D
Acq On : 06 Jun 2019 15:47
Operator : SY/MD
Sample : K3228-15
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** F9P72

Quant Time: Jun 07 01:32:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 07 01:28:31 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.66 | 114 | 113477 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.89 | 117 | 103995 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 39085 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 41239 | 4.80 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 96.00% | | | |
| 7) Chloroethane-d5 | 1.55 | 69 | 33709 | 4.72 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 94.40% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.12 | 63 | 63064 | 3.67 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 73.40% | | | |
| 20) 2-Butanone-d5 | 3.94 | 46 | 128151 | 66.20 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 132.40%# | | | |
| 24) Chloroform-d | 4.40 | 84 | 70939 | 4.69 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 93.80% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.08 | 65 | 44803 | 5.48 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 109.60% | | | |
| 32) Benzene-d6 | 5.09 | 84 | 147133 | 4.73 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 94.60% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.12 | 67 | 46778 | 4.88 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 97.60% | | | |
| 41) Toluene-d8 | 7.36 | 98 | 134160 | 4.70 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 94.00% | | | |
| 43) trans-1,3-Dichloropropene- | 7.66 | 79 | 17231 | 4.72 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 94.40% | | | |
| 46) 2-Hexanone-d5 | 8.13 | 63 | 105792 | 68.55 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 137.10%# | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26 | 84 | 38715 | 5.92 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 118.40% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.67 | 152 | 43420 | 5.63 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 112.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 6) Bromomethane | 1.51 | 94 | 861 | 0.159 | ug/L | 81 |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.12 | 101 | 651 | 0.088 | ug/L # | 30 |
| 16) Methylene chloride | 2.53 | 84 | 1628 | 0.221 | ug/L | 98 |
| 25) Chloroform | 4.42 | 83 | 2381 | 0.146 | ug/L | 93 |
| 35) Methylcyclohexane | 6.12 | 83 | 11639 | 0.823 | ug/L # | 17 |
| 37) 1,2-Dichloropropane | 6.12 | 63 | 5957 | 0.723 | ug/L # | 86 |
| 39) cis-1,3-Dichloropropene | 7.03 | 75 | 1726 | 0.143 | ug/L | 84 |
| 42) Toluene | 7.43 | 91 | 4595 | 0.130 | ug/L | 97 |
| 48) 2-Hexanone | 8.13 | 43 | 13834 | 3.782 | ug/L # | 69 |

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

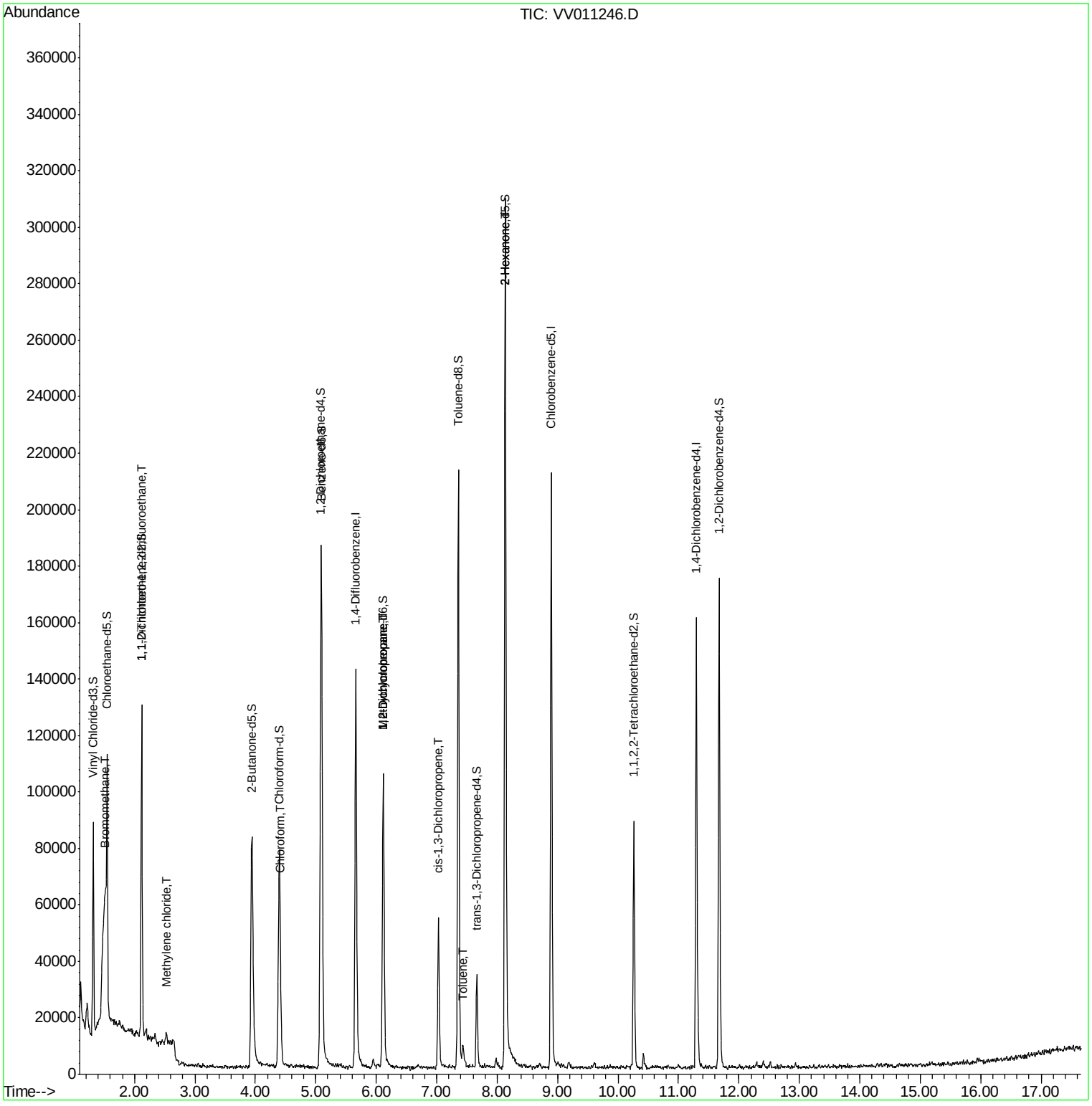
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060619\

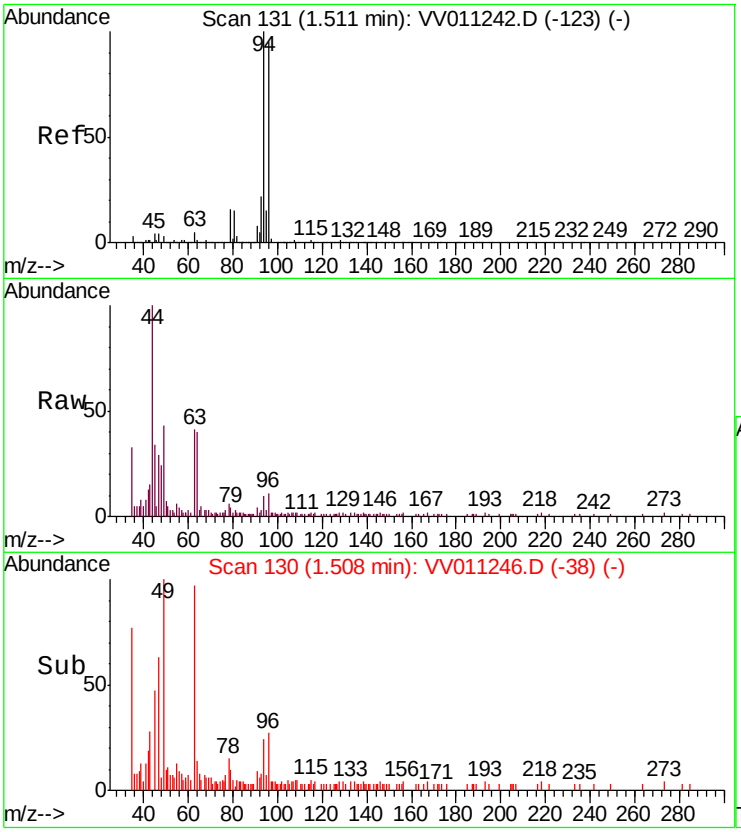
Quantitation Report (Not Reviewed)

Data File : VV011246.D
Acq On : 06 Jun 2019 15:47
Operator : SY/MD
Sample : K3228-15
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** F9P72

Quant Time: Jun 07 01:32:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 07 01:28:31 2019
Response via : Initial Calibration



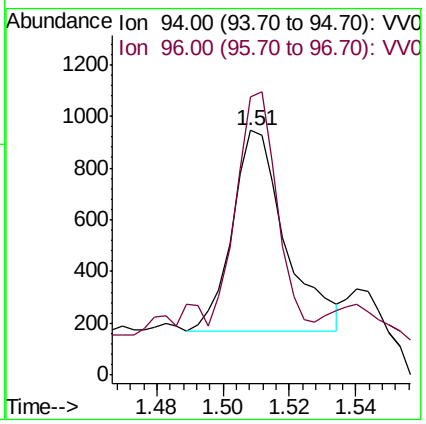


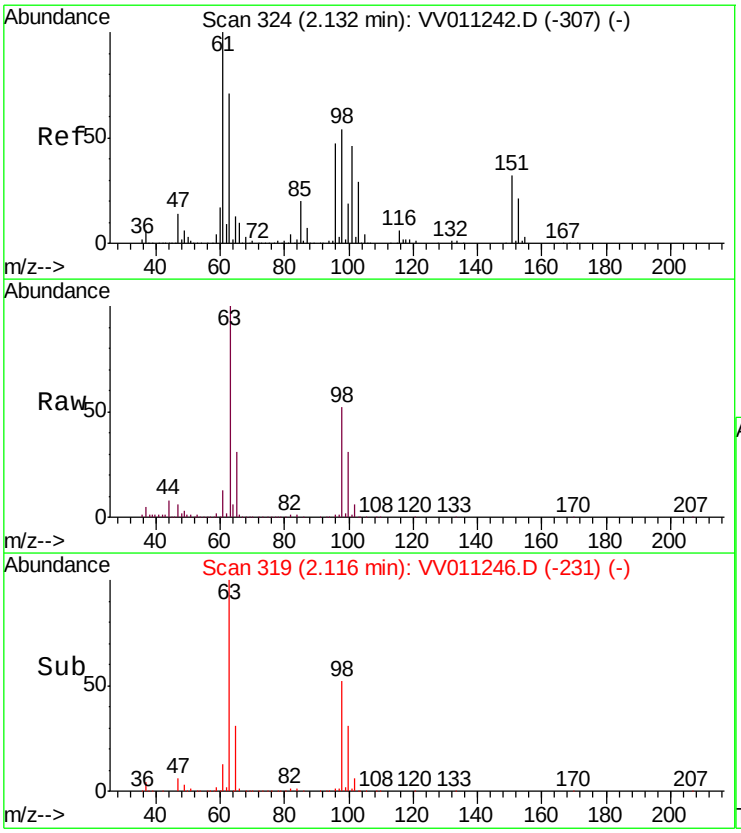

#6
Bromomethane
Concen: 0.159 ug/L
RT: 1.51 min Scan# 130
Delta R.T. -0.00 min
Lab File: VV011246.D
Acq: 06 Jun 2019 15:47

**Instrument :**
MSVOA_V
**ClientSampleId :**
F9P72

Tgt Ion: 94 Resp: 861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 114.0 | 67.0 | 124.4 |

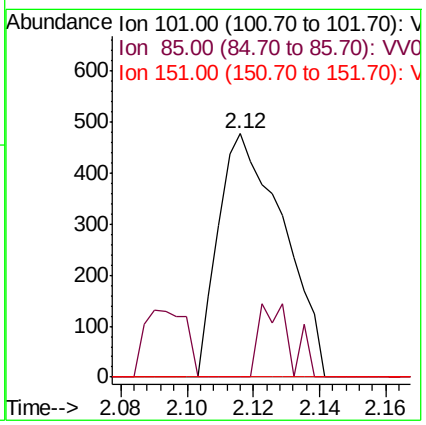


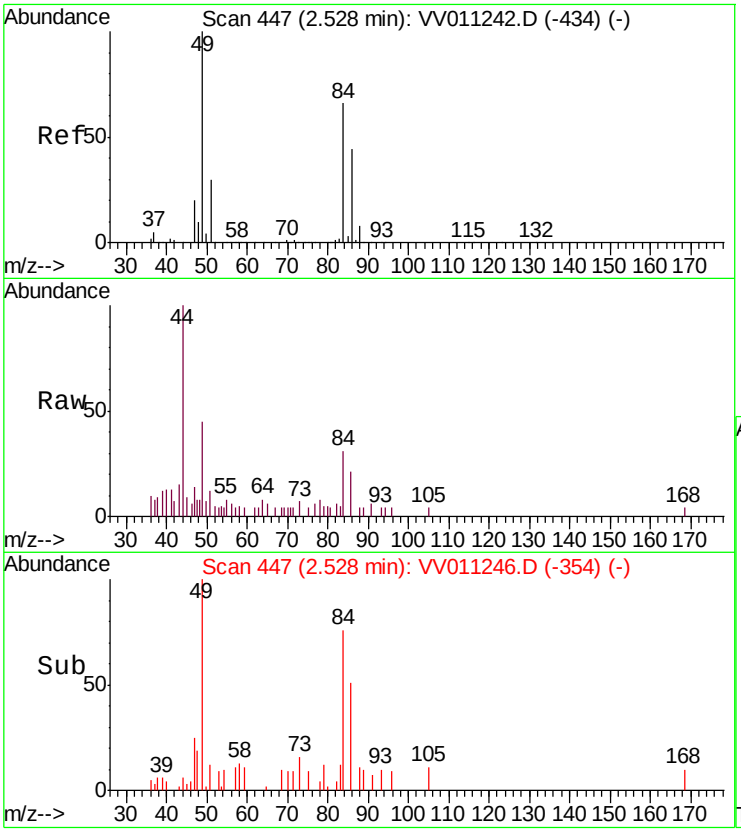




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.088 ug/L
RT: 2.12 min Scan# 319
Delta R.T. -0.02 min
Lab File: VV011246.D
Acq: 06 Jun 2019 15:47

Tgt Ion:101 Resp: 651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 14.7 | 35.5 | 53.3# |
| 151 | 0.0 | 56.9 | 85.3# |



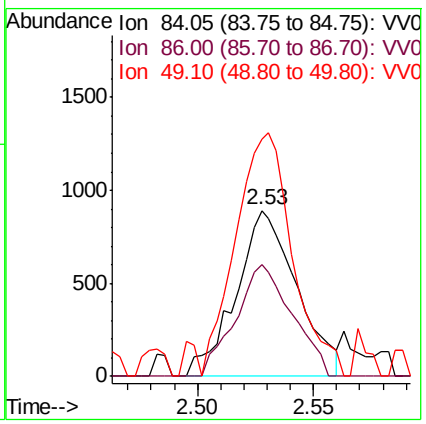


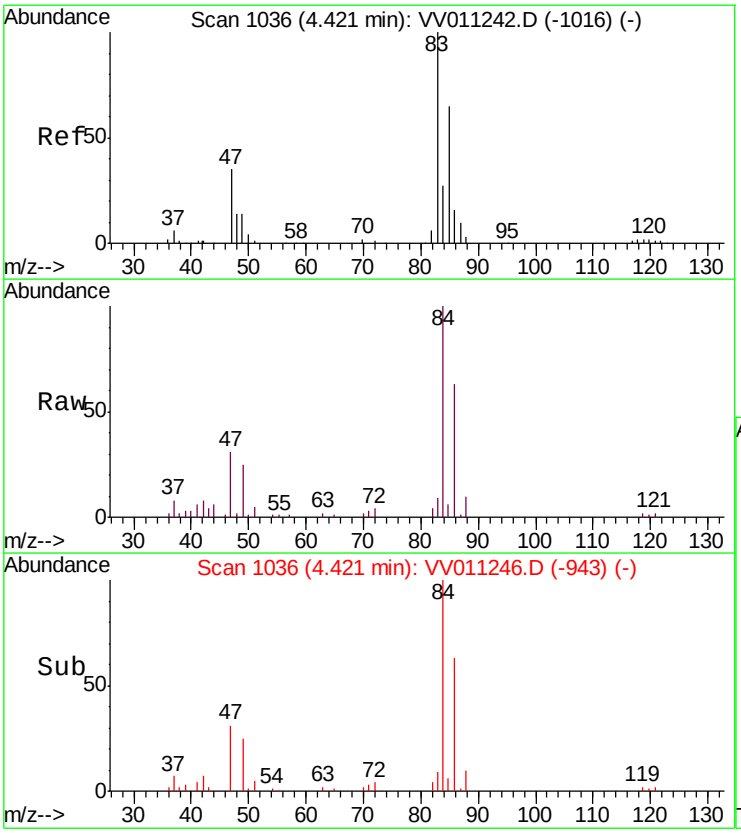

#16
Methylene chloride
Concen: 0.221 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV011246.D
Acq: 06 Jun 2019 15:47

**Instrument :**
MSVOA_V
**ClientSampleId :**
F9P72

Tgt Ion: 84 Resp: 1628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 67.1 | 44.9 | 83.3 |
| 49 | 143.5 | 102.1 | 189.5 |

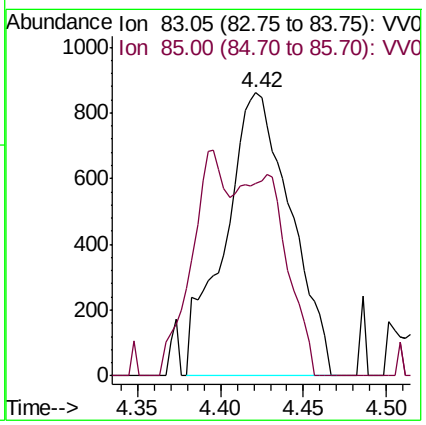


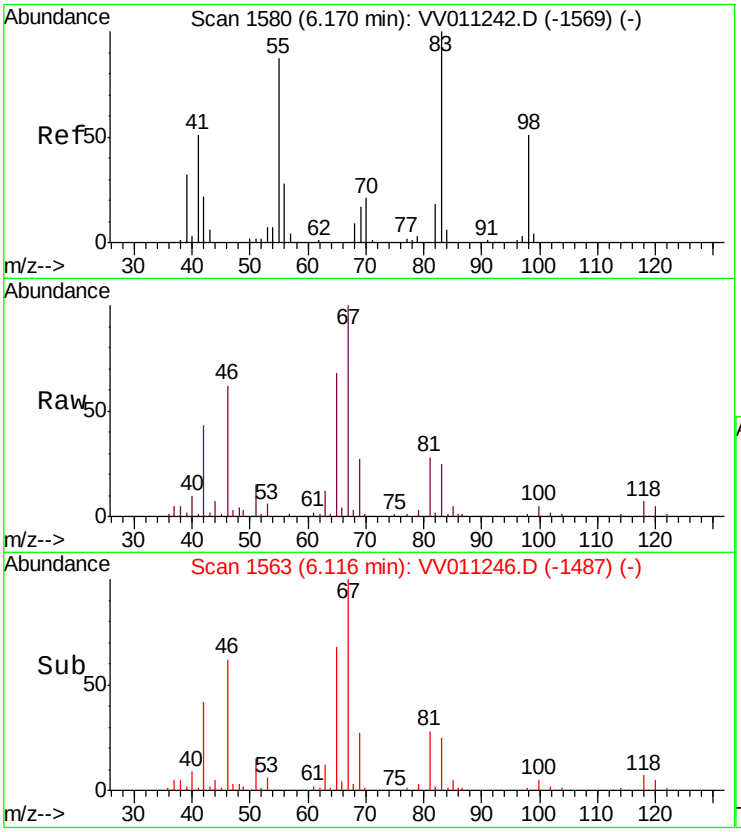




#25
Chloroform
Concen: 0.146 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV011246.D
Acq: 06 Jun 2019 15:47

Tgt Ion: 83 Resp: 2381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 68.1 | 44.1 | 81.9 |



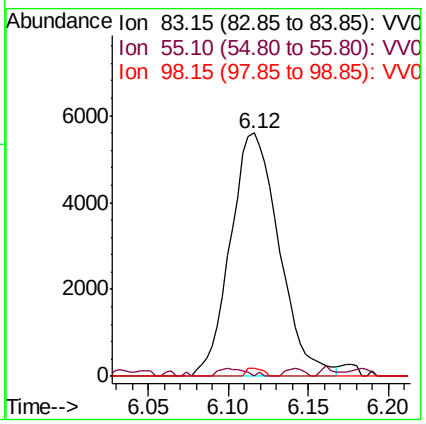


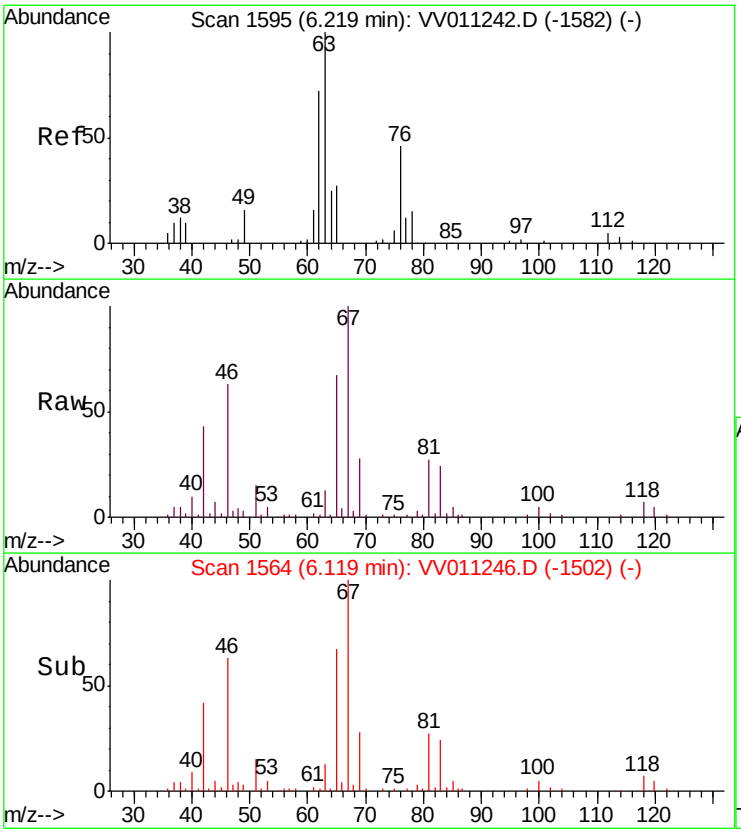

#35
Methylcyclohexane
Concen: 0.823 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011246.D
Acq: 06 Jun 2019 15:47

**Instrument :**
MSVOA_V
**ClientSampleId :**
F9P72

Tgt Ion: 83 Resp: 11639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 1.8 | 67.0 | 100.6# |
| 98 | 1.0 | 40.0 | 60.0# |

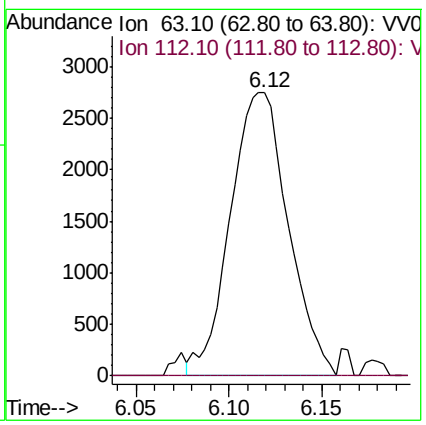


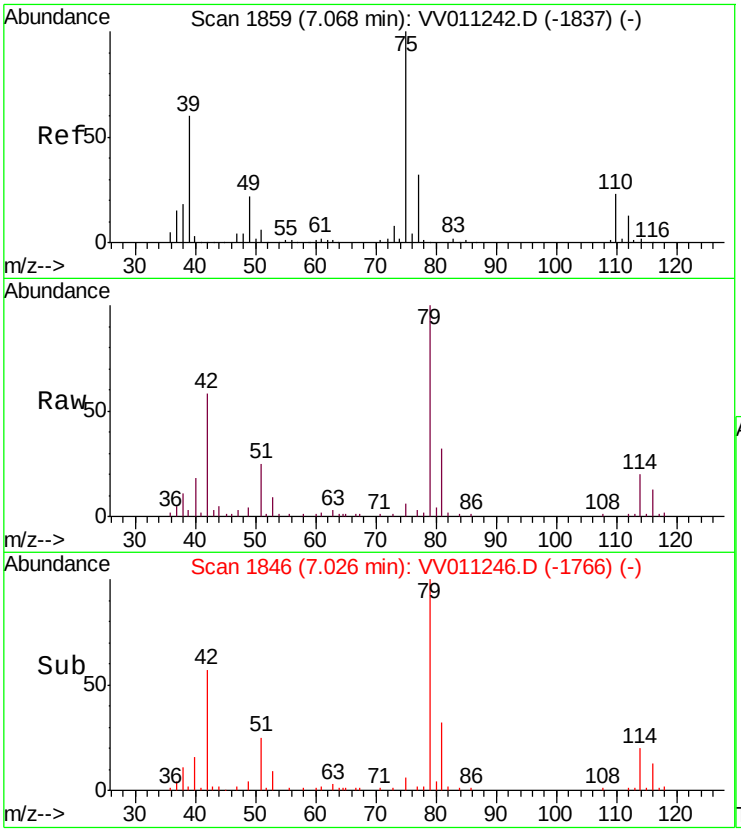




#37
1,2-Dichloropropane
Concen: 0.723 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV011246.D
Acq: 06 Jun 2019 15:47

Tgt Ion: 63 Resp: 5957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.6 | 5.4# |



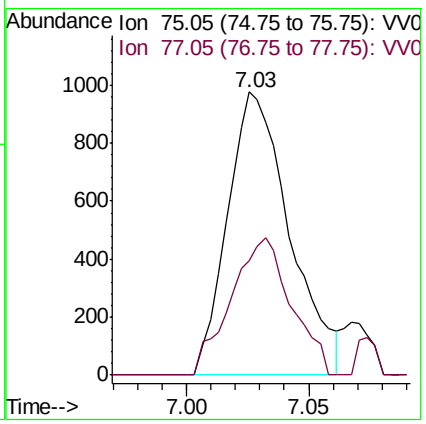


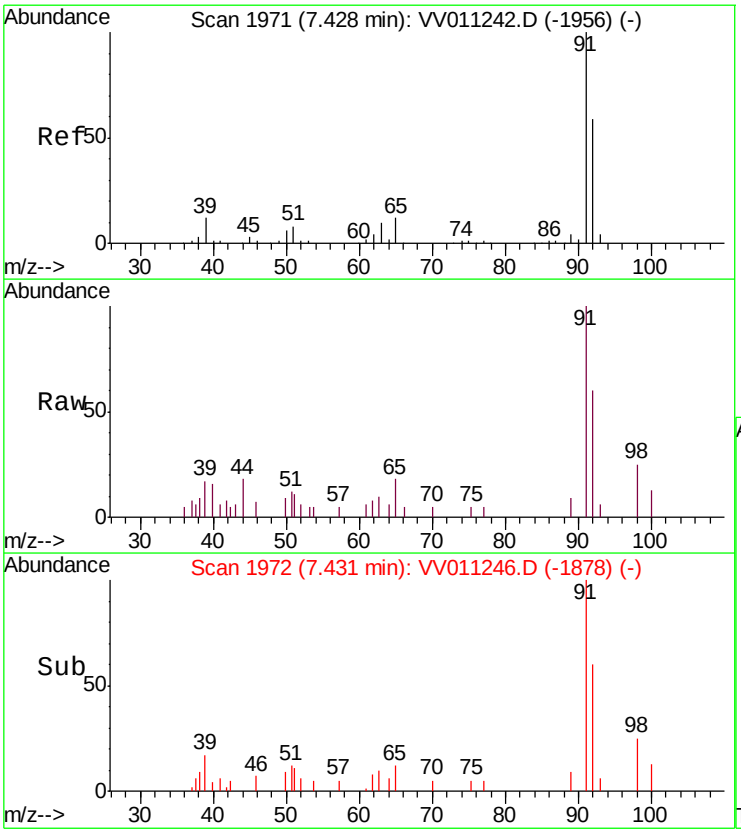

#39
cis-1,3-Dichloropropene
Concen: 0.143 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV011246.D
Acq: 06 Jun 2019 15:47

**Instrument :**
MSVOA_V
**ClientSampleId :**
F9P72

Tgt Ion: 75 Resp: 1726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 40.6 | 22.2 | 41.2 |

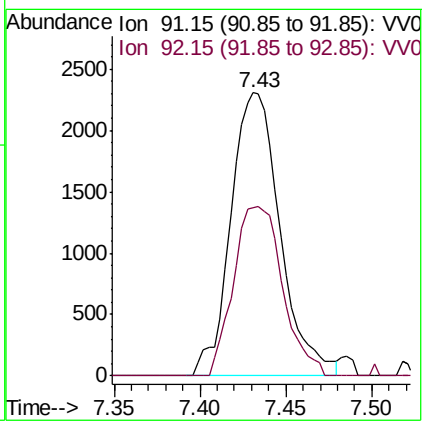


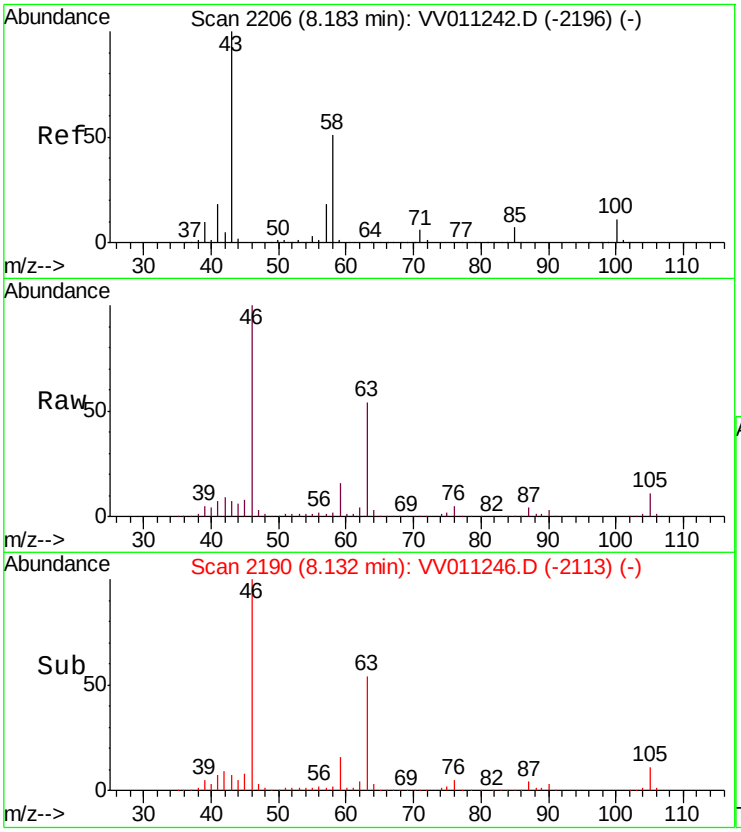




#42
Toluene
Concen: 0.130 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV011246.D
Acq: 06 Jun 2019 15:47

Tgt Ion: 91 Resp: 4595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 59.6 | 39.9 | 74.1 |






#48
2-Hexanone
Concen: 3.782 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV011246.D
Acq: 06 Jun 2019 15:47

**Instrument :**
MSVOA_V
**ClientSampleId :**
F9P72

Tgt Ion: 43 Resp: 13834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 25.0 | 41.4 | 62.0# |
| 57 | 24.7 | 15.0 | 22.4# |
| 100 | 0.0 | 9.0 | 13.4# |