Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100818\

Quantitation Report (Not Reviewed)

Data File : VV008186.D
Acq On : 09 Oct 2018 06:41
Operator : SY/MD
Sample : J5280-20
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BEYK7

Quant Time: Oct 09 08:14:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 09 04:07:48 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.67 | 114 | 87503 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.90 | 117 | 85284 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 36731 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 23876 | 4.45 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 89.00% | | | |
| 7) Chloroethane-d5 | 1.59 | 69 | 20758 | 4.58 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 91.60% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.14 | 63 | 32488 | 3.09 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 61.80% | | | |
| 20) 2-Butanone-d5 | 3.96 | 46 | 62017 | 47.99 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 95.98% | | | |
| 24) Chloroform-d | 4.41 | 84 | 51257 | 4.62 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 92.40% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.09 | 65 | 26315 | 4.75 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 95.00% | | | |
| 32) Benzene-d6 | 5.10 | 84 | 98865 | 4.54 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 90.80% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.12 | 67 | 32260 | 4.67 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 93.40% | | | |
| 41) Toluene-d8 | 7.36 | 98 | 85521 | 4.04 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 80.80% | | | |
| 43) trans-1,3-Dichloropropene- | 7.67 | 79 | 9648 | 4.01 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 80.20% | | | |
| 46) 2-Hexanone-d5 | 8.14 | 63 | 37035 | 38.62 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 77.24% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27 | 84 | 21278 | 4.39 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 87.80% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.68 | 152 | 34204 | 4.91 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 98.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.21 | 43 | 1812 | 2.070 | ug/L | 84 |
| 15) Methyl Acetate | 2.47 | 43 | 253 | 0.122 | ug/L # | 53 |
| 21) 2-Butanone | 4.15 | 43 | 16457 | 11.652 | ug/L # | 49 |
| 25) Chloroform | 4.44 | 83 | 1193 | 0.113 | ug/L | 87 |
| 29) 1,1,1-Trichloroethane | 4.67 | 97 | 1354 | 0.143 | ug/L | 98 |
| 34) Trichloroethene | 5.96 | 95 | 22017 | 3.506 | ug/L | 98 |
| 35) Methylcyclohexane | 6.13 | 83 | 7546 | 0.860 | ug/L # | 17 |
| 37) 1,2-Dichloropropane | 6.13 | 63 | 3398 | 0.585 | ug/L # | 87 |
| 39) cis-1,3-Dichloropropene | 7.03 | 75 | 809 | 0.109 | ug/L # | 78 |
| 48) 2-Hexanone | 8.19 | 43 | 4682 | 2.096 | ug/L # | 95 |

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

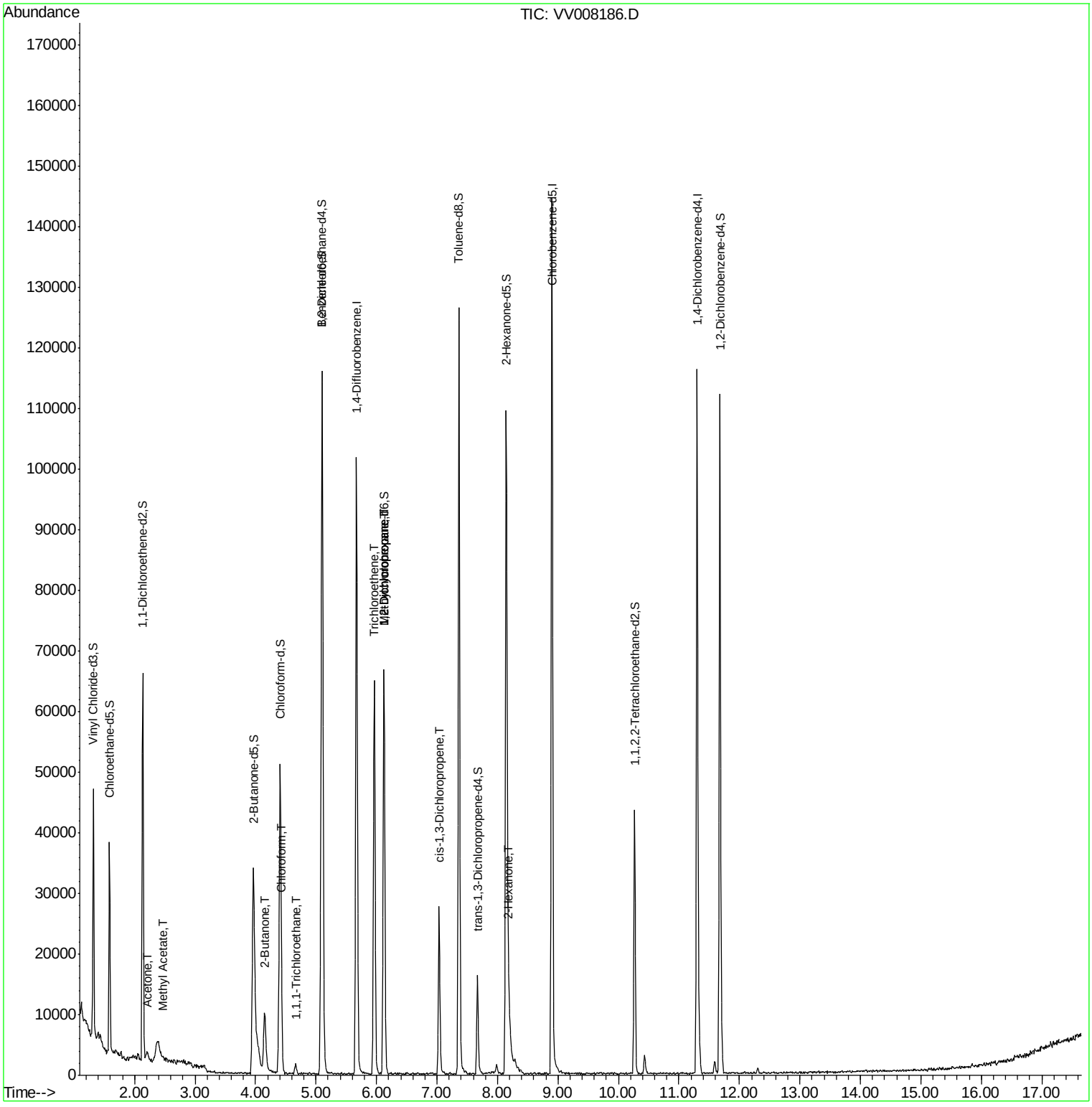
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100818\

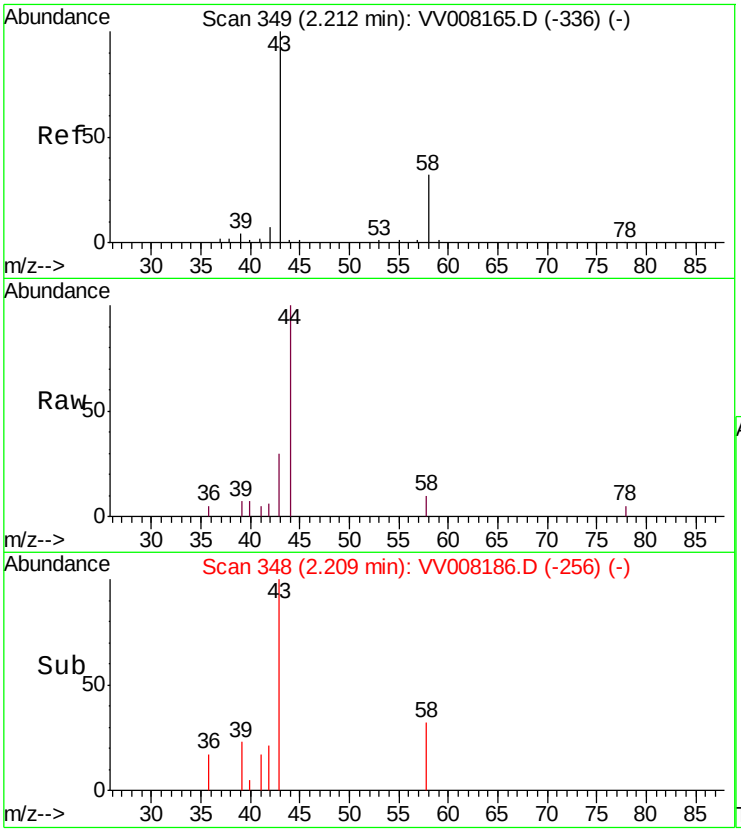
Quantitation Report (Not Reviewed)

Data File : VV008186.D
Acq On : 09 Oct 2018 06:41
Operator : SY/MD
Sample : J5280-20
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BEYK7

Quant Time: Oct 09 08:14:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 09 04:07:48 2018
Response via : Initial Calibration



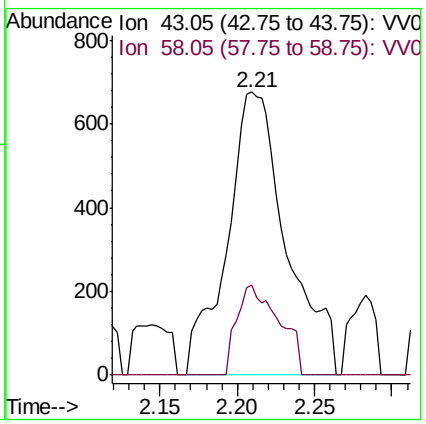


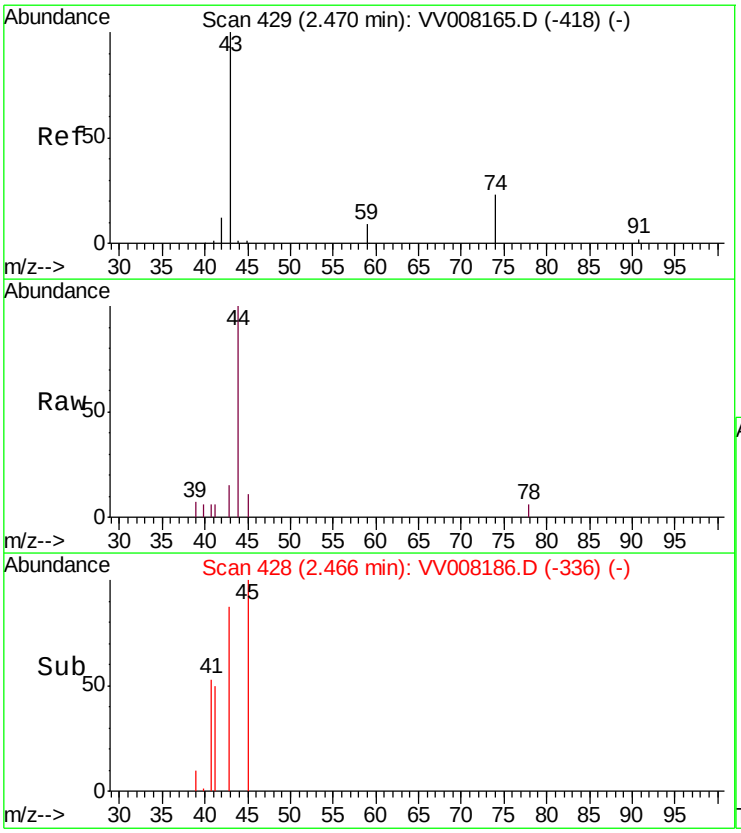

#13
Acetone
Concen: 2.070 ug/L
RT: 2.21 min Scan# 348
Delta R.T. -0.00 min
Lab File: VV008186.D
Acq: 09 Oct 2018 06:41

**Instrument :**
MSVOA_V
**ClientSampleId :**
BEYK7

Tgt Ion: 43 Resp: 1812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 22.4 | 0.0 | 62.2 |

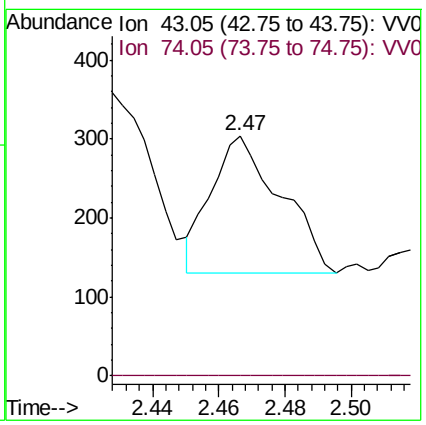


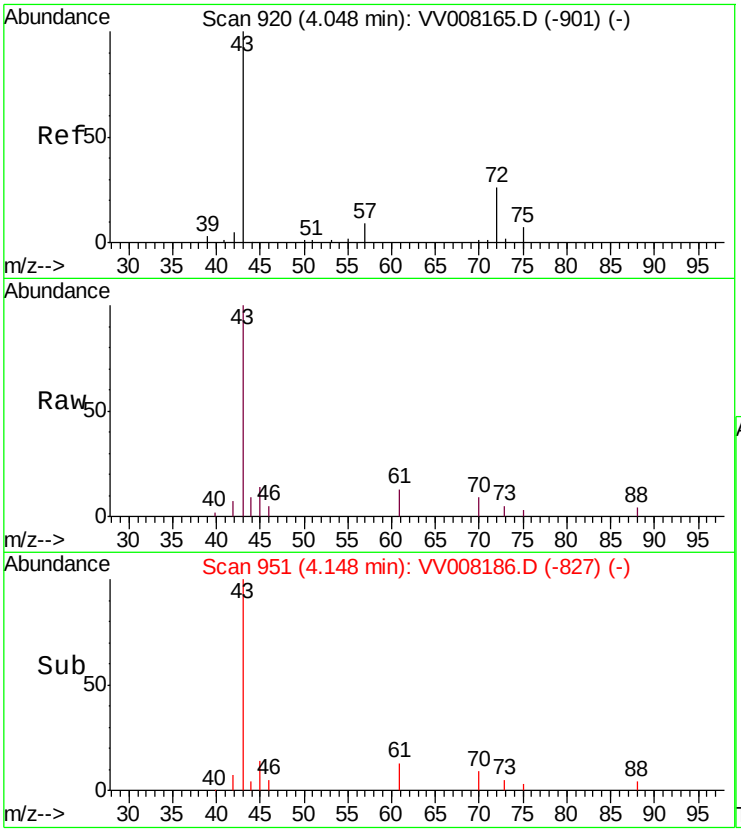




#15
Methyl Acetate
Concen: 0.122 ug/L
RT: 2.47 min Scan# 428
Delta R.T. -0.00 min
Lab File: VV008186.D
Acq: 09 Oct 2018 06:41

Tgt Ion: 43 Resp: 253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 18.1 | 27.1# |



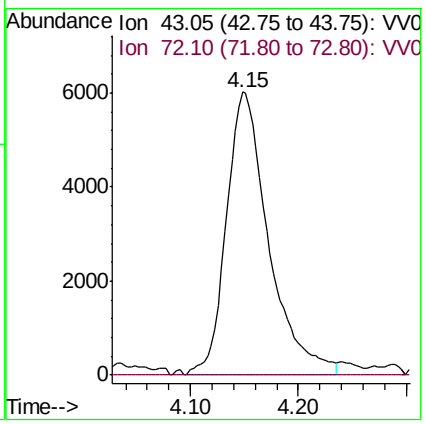


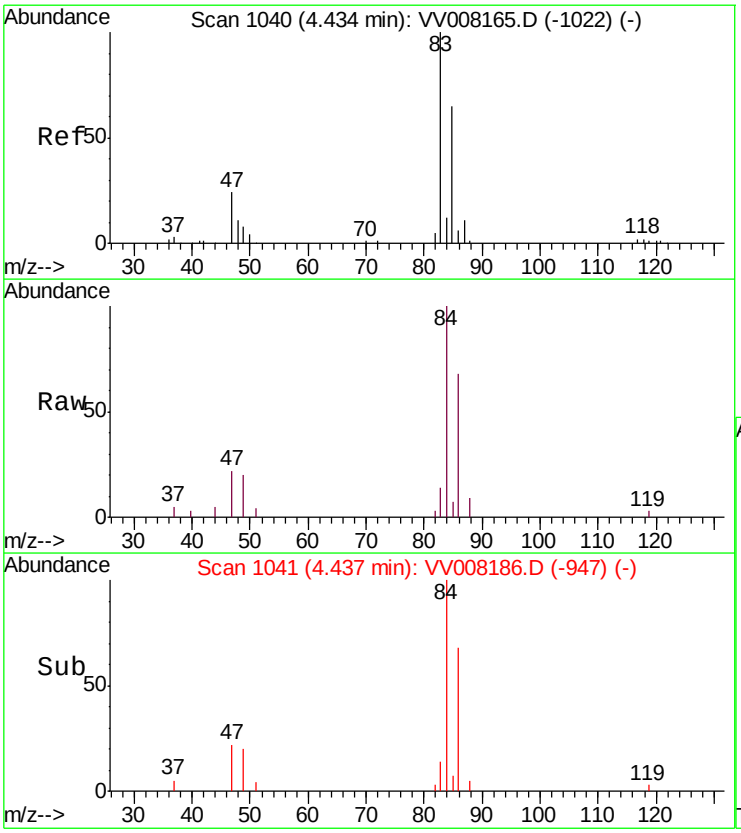

#21
2-Butanone
Concen: 11.652 ug/L
RT: 4.15 min Scan# 951
Delta R.T. 0.10 min
Lab File: VV008186.D
Acq: 09 Oct 2018 06:41

**Instrument :**
MSVOA_V
**ClientSampleId :**
BEYK7

Tgt Ion: 43 Resp: 16457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 0.0 | 12.9 | 38.6# |

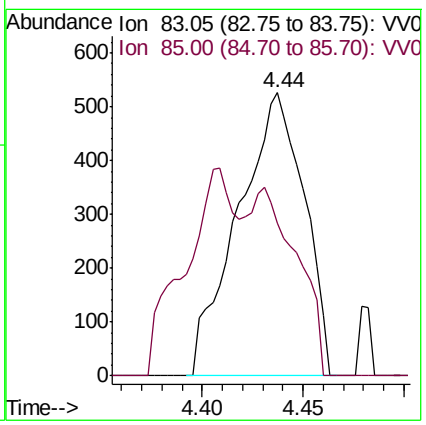


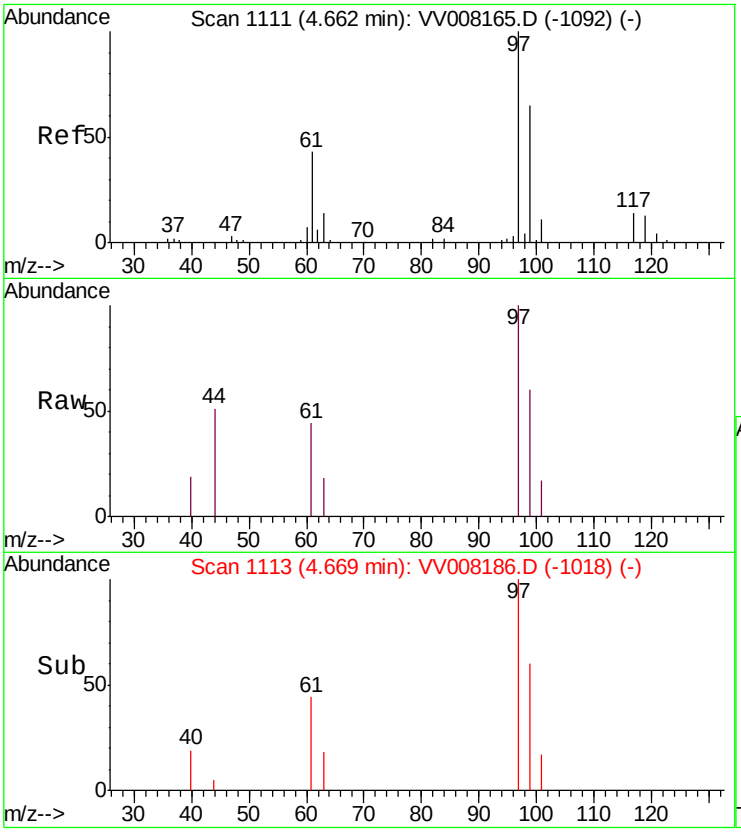




#25
Chloroform
Concen: 0.113 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VV008186.D
Acq: 09 Oct 2018 06:41

Tgt Ion: 83 Resp: 1193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 53.8 | 44.6 | 82.8 |



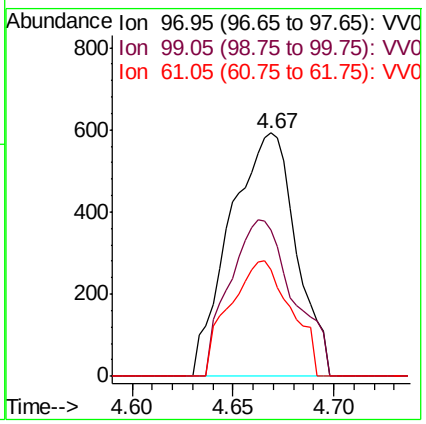


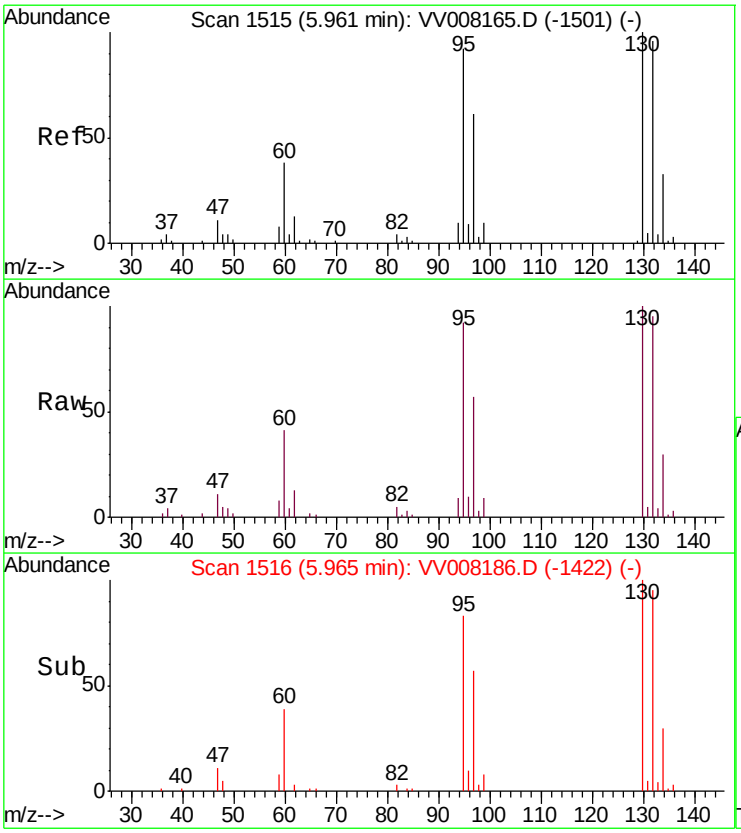

#29
1,1,1-Trichloroethane
Concen: 0.143 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VV008186.D
Acq: 09 Oct 2018 06:41

**Instrument :** MSVOA_V
**ClientSampleId :** BEYK7

Tgt Ion: 97 Resp: 1354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 61.9 | 51.0 | 76.4 |
| 61 | 43.7 | 34.0 | 51.0 |

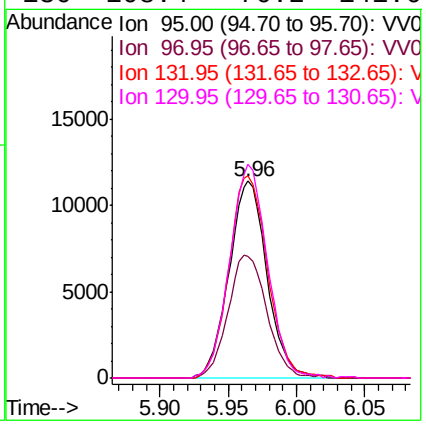


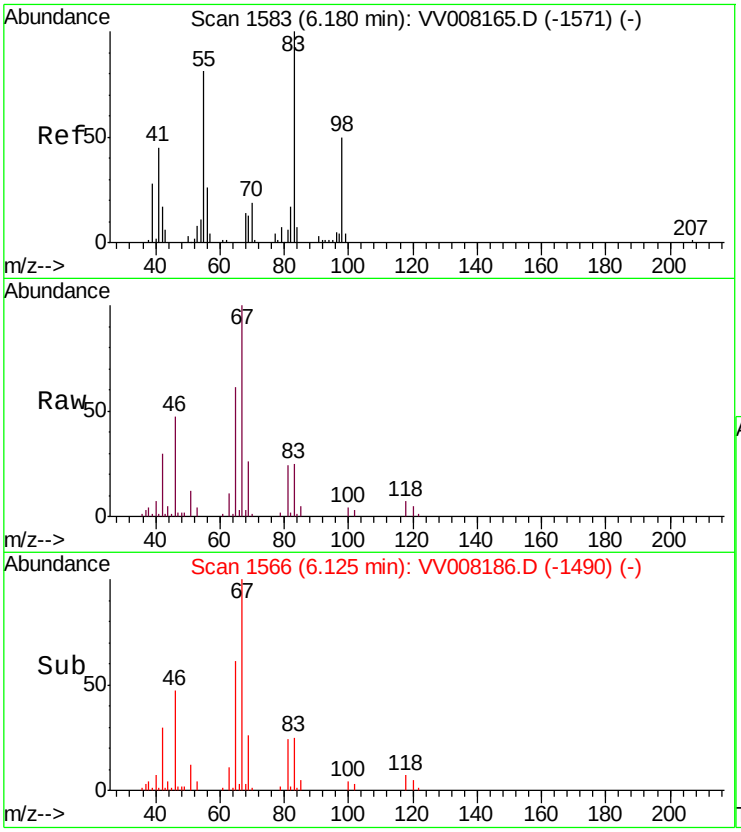




#34
Trichloroethene
Concen: 3.506 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV008186.D
Acq: 09 Oct 2018 06:41

Tgt Ion: 95 Resp: 22017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 61.8 | 44.9 | 83.5 |
| 132 | 102.4 | 73.6 | 136.6 |
| 130 | 108.4 | 76.2 | 141.6 |



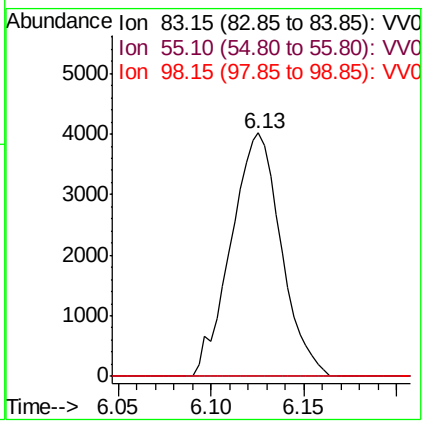


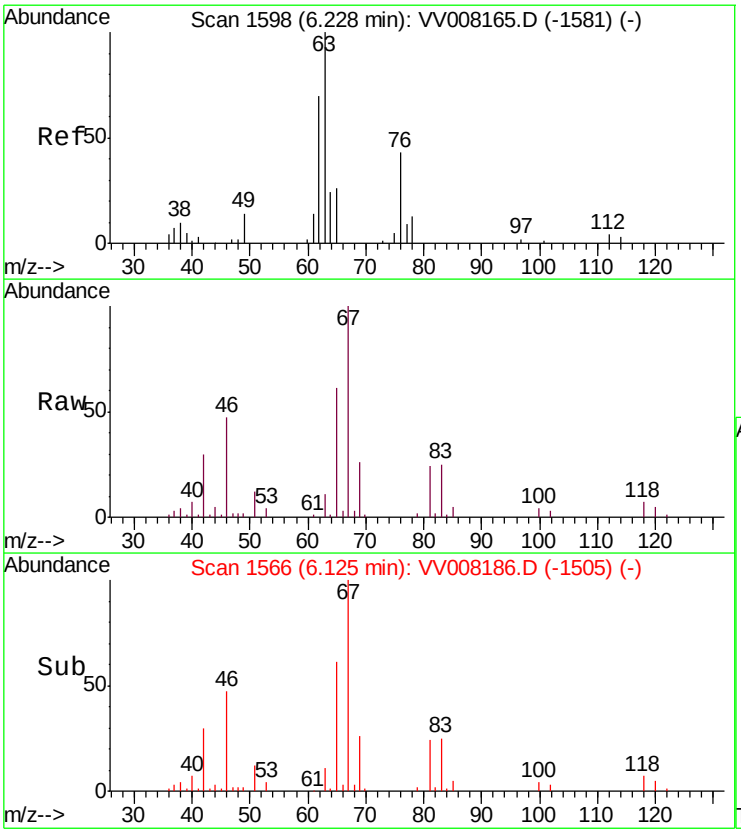

#35
Methylcyclohexane
Concen: 0.860 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV008186.D
Acq: 09 Oct 2018 06:41

**Instrument :** MSVOA_V
**ClientSampleId :** BEYK7

Tgt Ion: 83 Resp: 7546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 63.6 | 95.4# |
| 98 | 0.8 | 38.3 | 57.5# |

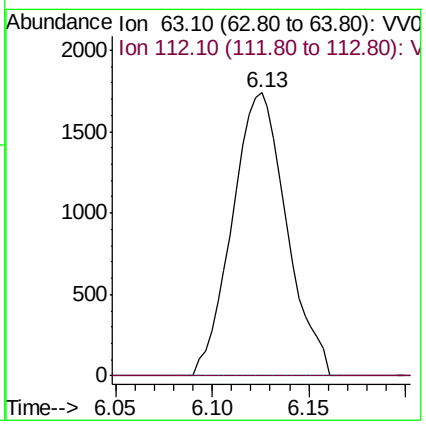


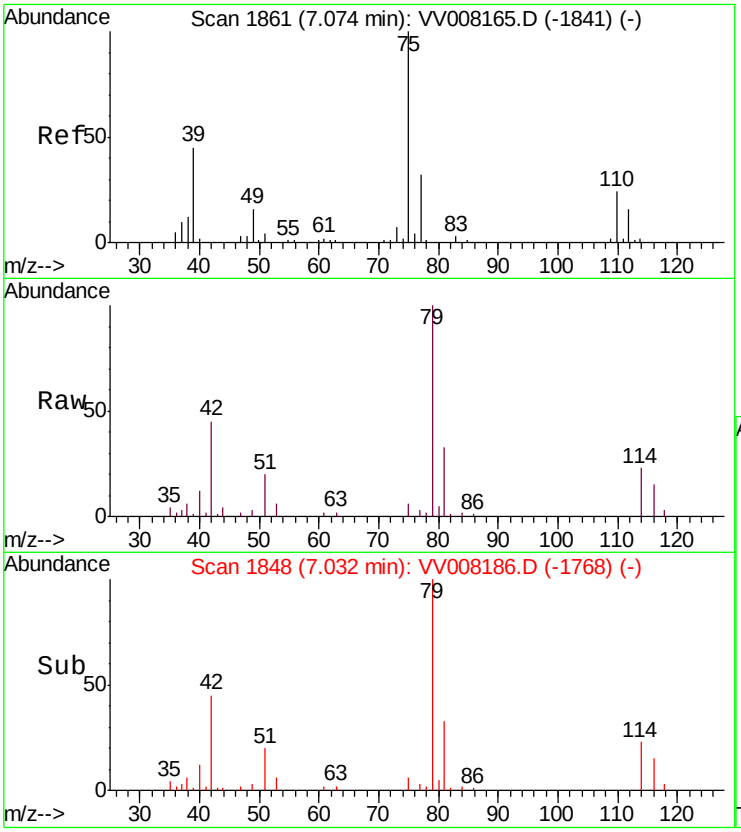




#37
1,2-Dichloropropane
Concen: 0.585 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV008186.D
Acq: 09 Oct 2018 06:41

Tgt Ion: 63 Resp: 3398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.4 | 5.2# |



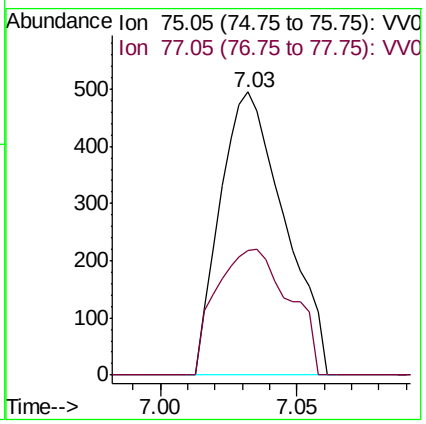


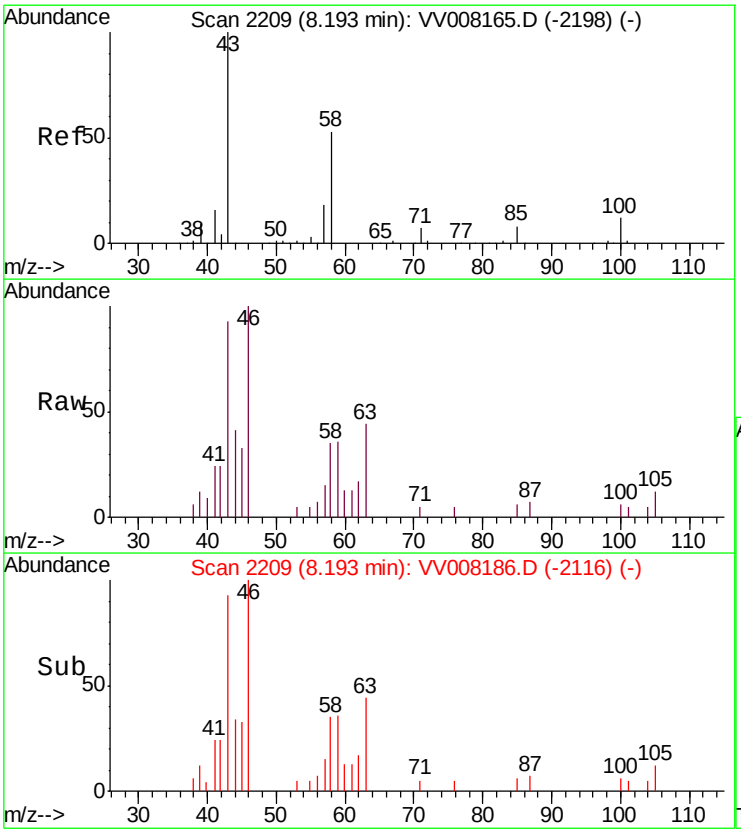

#39
cis-1,3-Dichloropropene
Concen: 0.109 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV008186.D
Acq: 09 Oct 2018 06:41

**Instrument :**
MSVOA_V
**ClientSampleId :**
BEYK7

Tgt Ion: 75 Resp: 809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 43.8 | 22.1 | 41.1# |




#48
2-Hexanone
Concen: 2.096 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VV008186.D
Acq: 09 Oct 2018 06:41

Tgt Ion: 43 Resp: 4682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 50.7 | 40.5 | 60.7 |
| 57 | 12.7 | 14.6 | 22.0# |
| 100 | 5.0 | 9.3 | 13.9# |