Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070219\

Quantitation Report (Not Reviewed)

Data File : VV011817.D
Acq On : 02 Jul 2019 21:12
Operator : SY/MD
Sample : K3597-16
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** GAM73

Quant Time: Jul 03 08:33:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 08:28:44 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.66 | 114 | 154567 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.89 | 117 | 149239 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 67135 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 52510 | 5.05 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 101.00% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 44224 | 5.53 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 110.60% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.13 | 63 | 79253 | 3.90 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 78.00% | | | |
| 20) 2-Butanone-d5 | 3.95 | 46 | 140466 | 54.68 | ug/L | -0.02 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 109.36% | | | |
| 24) Chloroform-d | 4.40 | 84 | 102246 | 4.96 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 99.20% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.08 | 65 | 57128 | 5.33 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 106.60% | | | |
| 32) Benzene-d6 | 5.10 | 84 | 204101 | 5.21 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 104.20% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.12 | 67 | 63579 | 5.15 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 103.00% | | | |
| 41) Toluene-d8 | 7.36 | 98 | 172561 | 4.83 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 96.60% | | | |
| 43) trans-1,3-Dichloropropene- | 7.66 | 79 | 18933 | 4.43 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 88.60% | | | |
| 46) 2-Hexanone-d5 | 8.14 | 63 | 102360 | 51.99 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 103.98% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26 | 84 | 42784 | 4.92 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 98.40% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.67 | 152 | 63871 | 5.39 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 107.80% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.19 | 43 | 32730 | 18.603 | ug/L | 98 |
| 15) Methyl Acetate | 2.32 | 43 | 1814 | 0.371 | ug/L # | 52 |
| 21) 2-Butanone | 4.04 | 43 | 19726 | 6.864 | ug/L | 91 |
| 35) Methylcyclohexane | 6.12 | 83 | 15313 | 0.809 | ug/L # | 15 |
| 37) 1,2-Dichloropropane | 6.12 | 63 | 7856 | 0.690 | ug/L # | 88 |
| 39) cis-1,3-Dichloropropene | 7.03 | 75 | 1632 | 0.108 | ug/L # | 68 |
| 44) trans-1,3-Dichloropropene | 7.66 | 75 | 1141 | 0.097 | ug/L | 96 |
| 47) Tetrachloroethene | 8.02 | 164 | 1180 | 0.130 | ug/L | 92 |
| 49) Dibromochloromethane | 8.02 | 129 | 1104 | 0.142 | ug/L # | 11 |

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

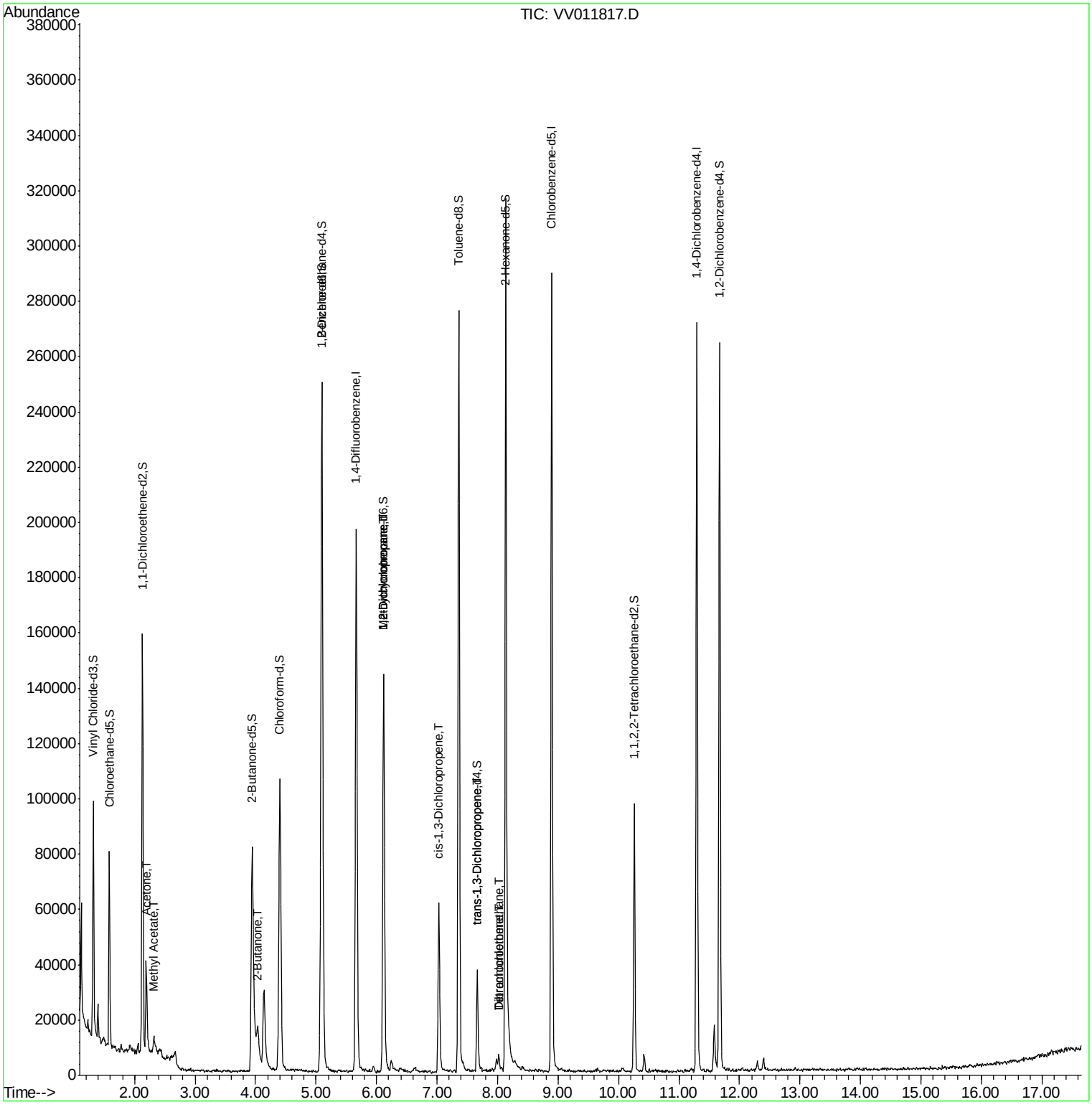
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070219\

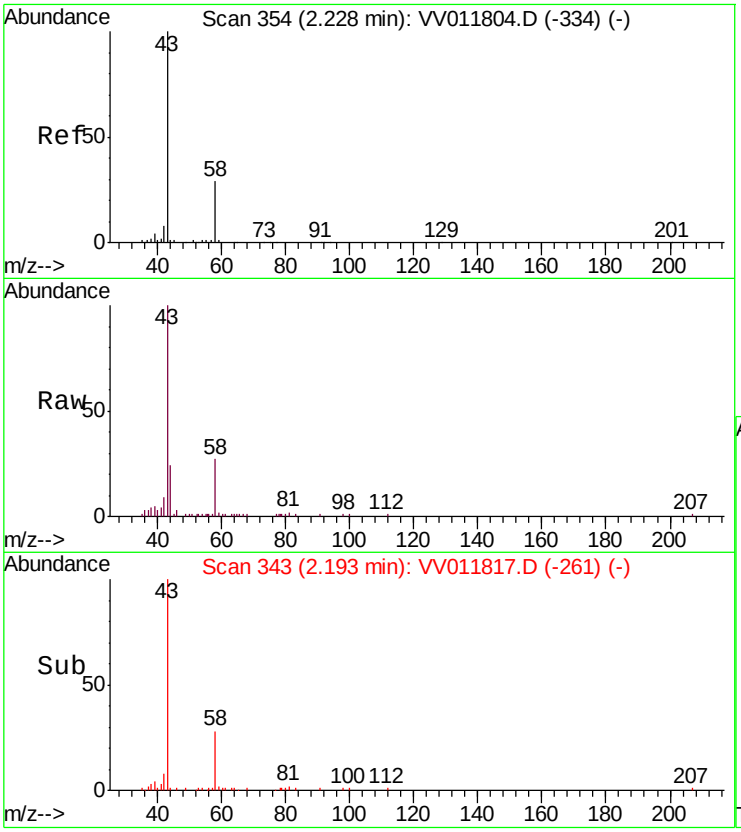
Quantitation Report (Not Reviewed)

Data File : VV011817.D
Acq On : 02 Jul 2019 21:12
Operator : SY/MD
Sample : K3597-16
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** GAM73

Quant Time: Jul 03 08:33:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 08:28:44 2019
Response via : Initial Calibration



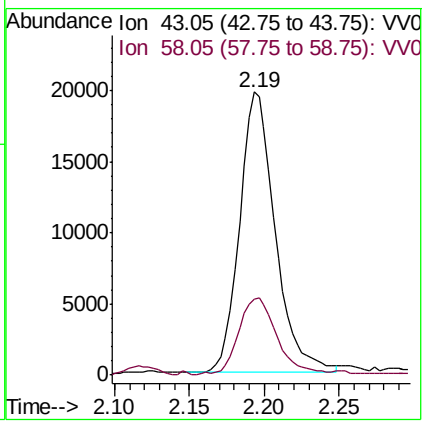


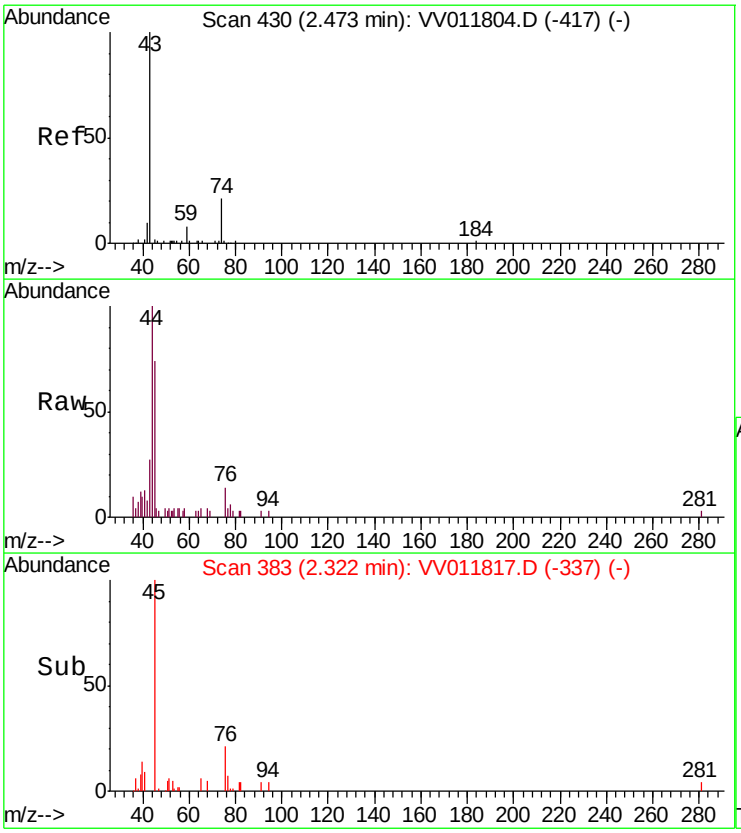

#13
Acetone
Concen: 18.603 ug/L
RT: 2.19 min Scan# 343
Delta R.T. -0.04 min
Lab File: VV011817.D
Acq: 02 Jul 2019 21:12

**Instrument :**
MSVOA_V
**ClientSampleId :**
GAM73

Tgt Ion: 43 Resp: 32730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.9 | 0.0 | 58.0 |

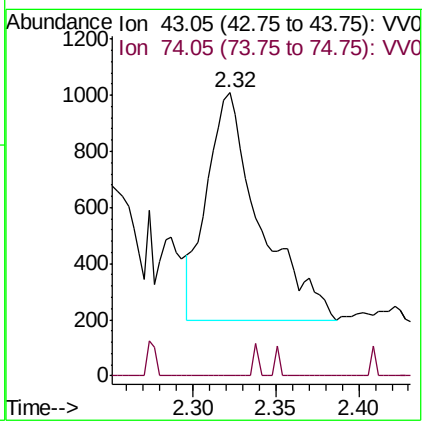


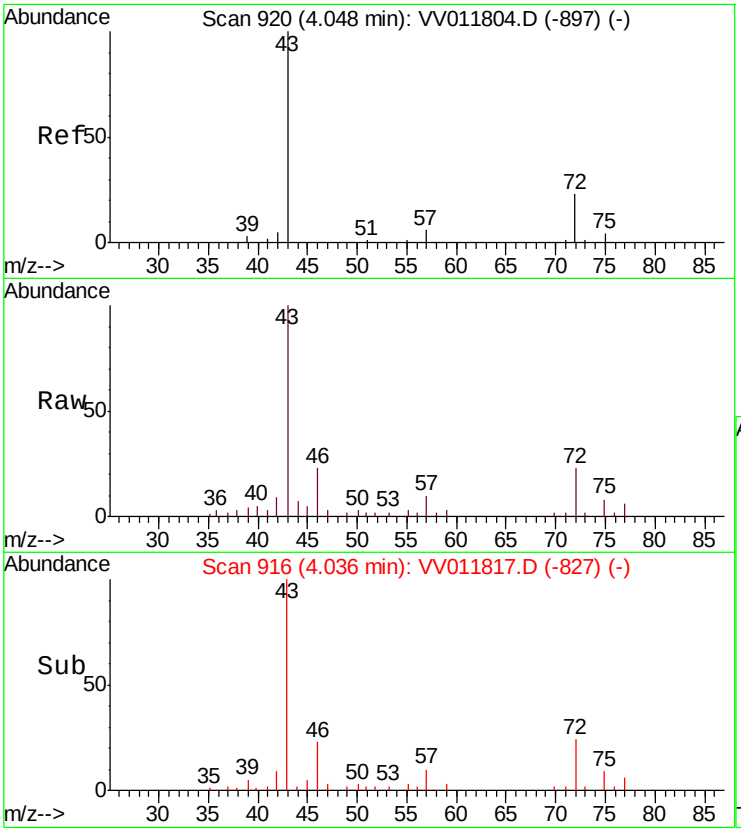




#15
Methyl Acetate
Concen: 0.371 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.15 min
Lab File: VV011817.D
Acq: 02 Jul 2019 21:12

Tgt Ion: 43 Resp: 1814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 1.2 | 20.2 | 30.4# |



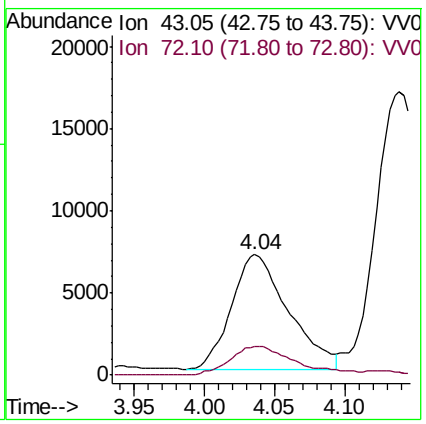


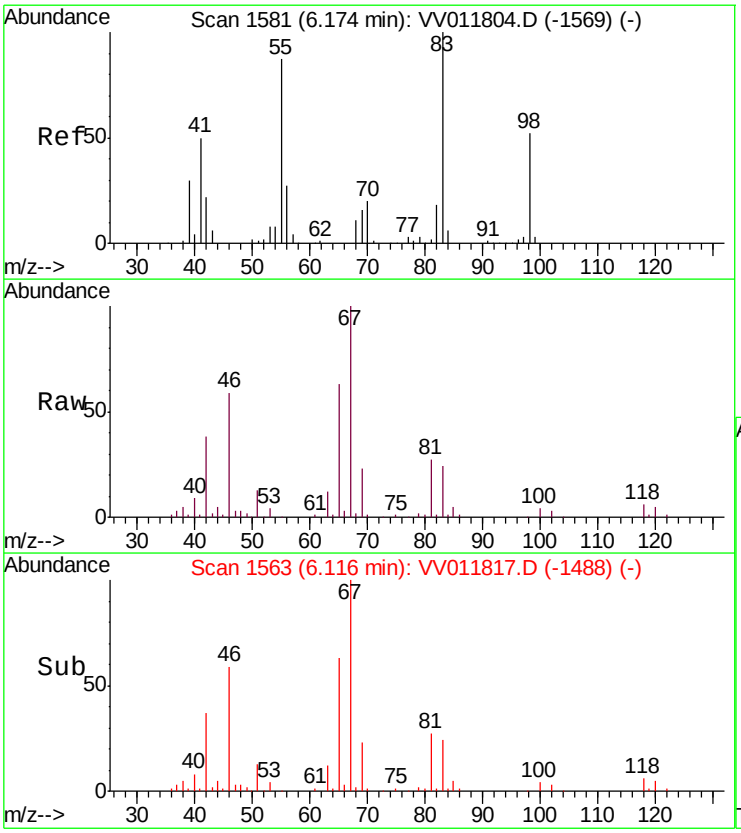

#21
2-Butanone
Concen: 6.864 ug/L
RT: 4.04 min Scan# 916
Delta R.T. -0.01 min
Lab File: VV011817.D
Acq: 02 Jul 2019 21:12

**Instrument :**
MSVOA_V
**ClientSampleId :**
GAM73

Tgt Ion: 43 Resp: 19726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 28.5 | 12.1 | 36.3 |

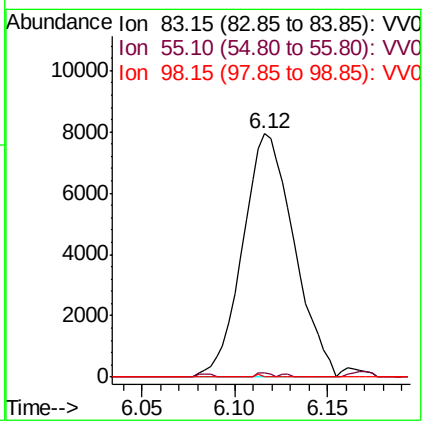


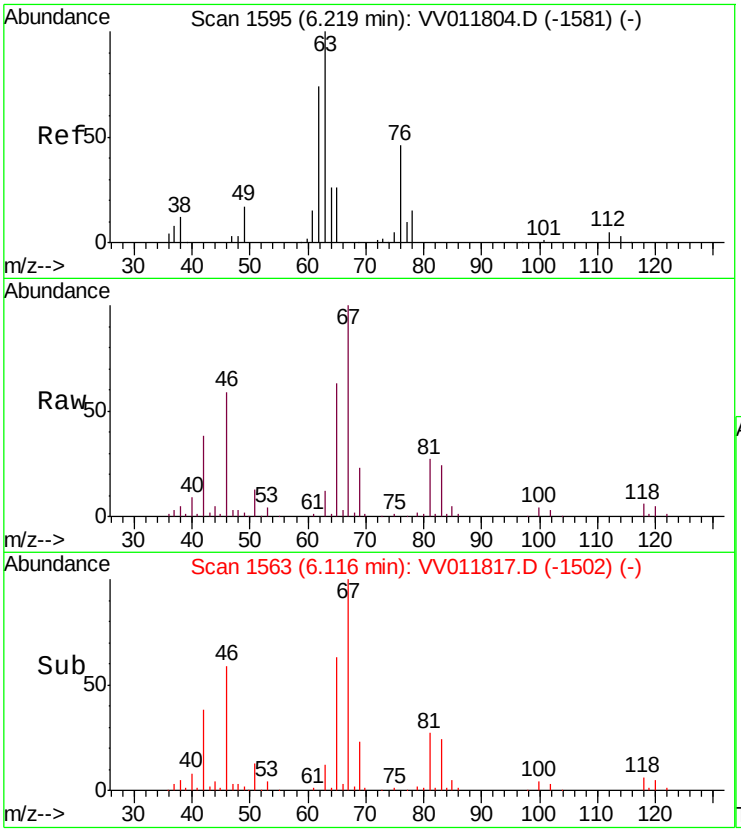




#35
Methylcyclohexane
Concen: 0.809 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011817.D
Acq: 02 Jul 2019 21:12

Tgt Ion: 83 Resp: 15313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.5 | 67.8 | 101.6# |
| 98 | 0.1 | 39.8 | 59.8# |



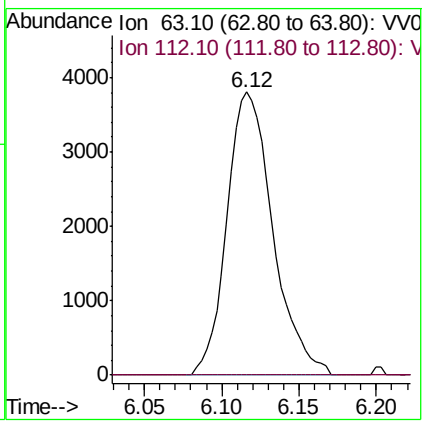


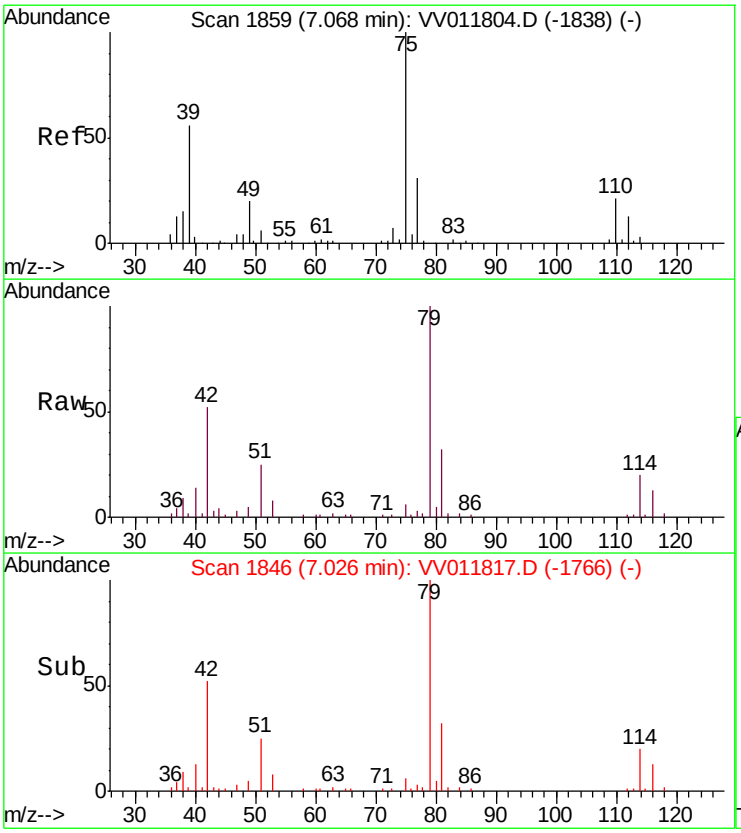

#37
1,2-Dichloropropane
Concen: 0.690 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011817.D
Acq: 02 Jul 2019 21:12

**Instrument :**
MSVOA_V
**ClientSampleId :**
GAM73

Tgt Ion: 63 Resp: 7856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.2 | 4.8# |

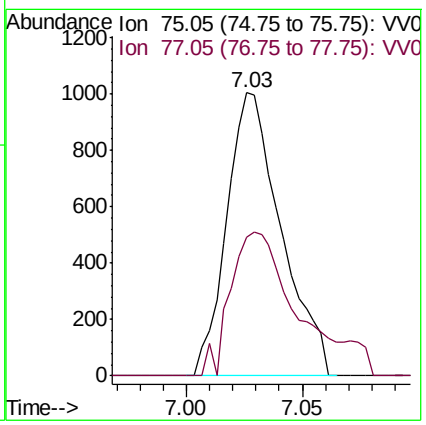


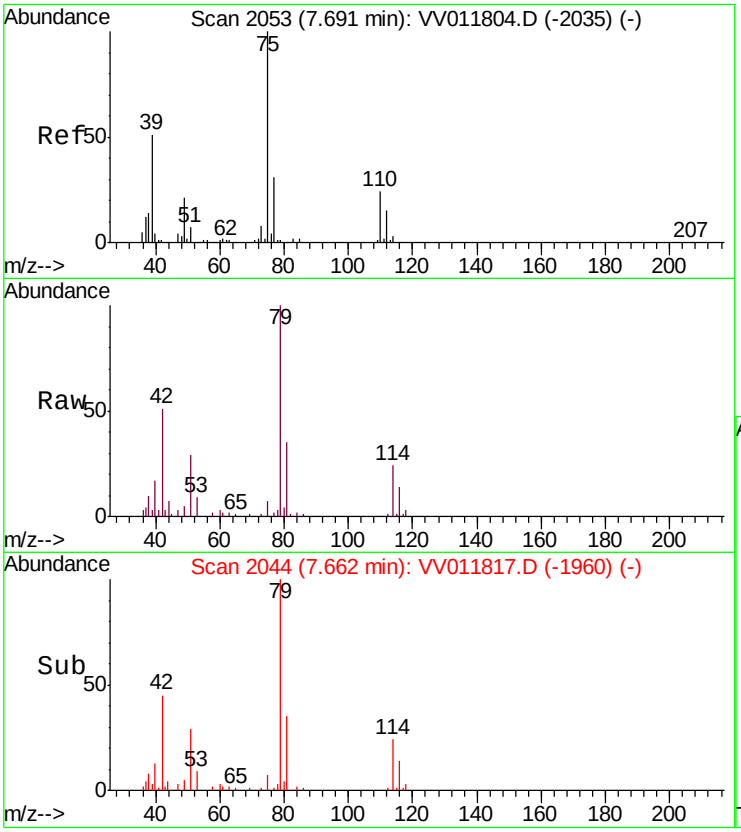




#39
cis-1,3-Dichloropropene
Concen: 0.108 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV011817.D
Acq: 02 Jul 2019 21:12

Tgt Ion: 75 Resp: 1632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 49.2 | 22.0 | 40.8# |



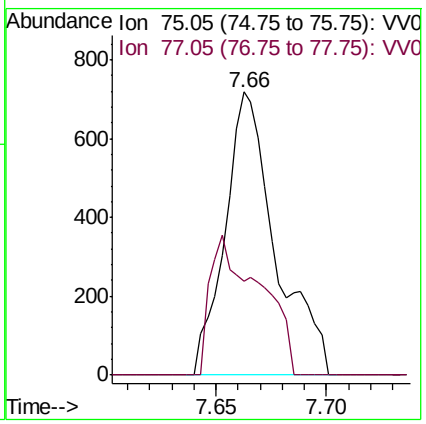


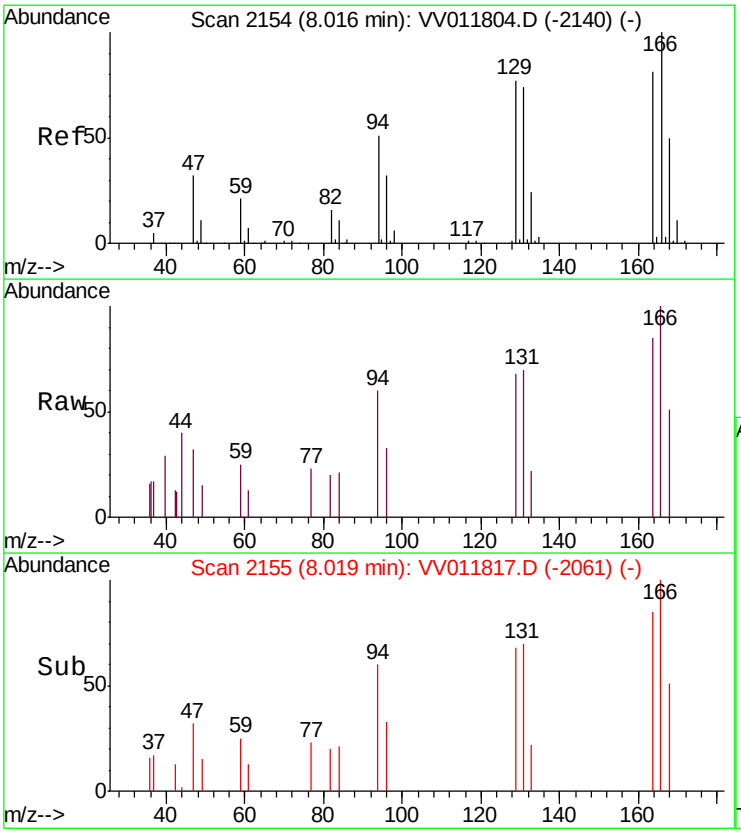

#44
trans-1,3-Dichloropropene
Concen: 0.097 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV011817.D
Acq: 02 Jul 2019 21:12

**Instrument :**
MSVOA_V
**ClientSampleId :**
GAM73

Tgt Ion: 75 Resp: 1141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.0 | 21.6 | 40.0 |

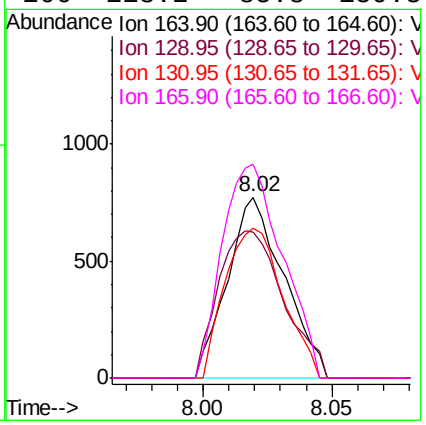


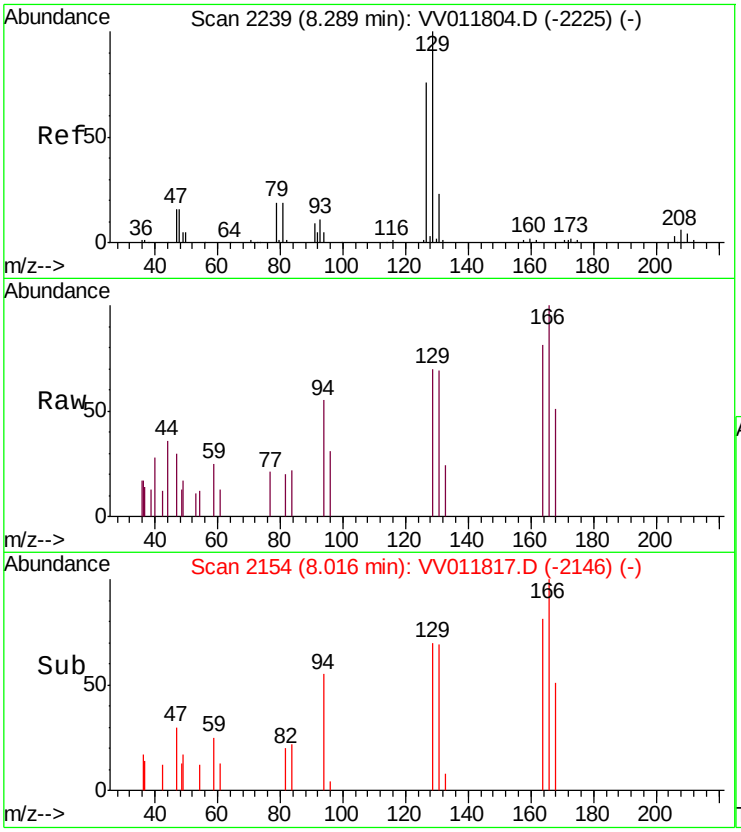




#47
Tetrachloroethene
Concen: 0.130 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV011817.D
Acq: 02 Jul 2019 21:12

Tgt Ion:164 Resp: 1180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 81.0 | 65.7 | 121.9 |
| 131 | 82.8 | 63.2 | 117.4 |
| 166 | 118.2 | 85.8 | 159.3 |






#49
Dibromochloromethane
Concen: 0.142 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV011817.D
Acq: 02 Jul 2019 21:12

Tgt Ion:129 Resp: 1104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 53.9 | 100.1# |

**Instrument :**
MSVOA_V
**ClientSampleId :**
GAM73