Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042419\

Quantitation Report (Not Reviewed)

Data File : VV010466.D
Acq On : 24 Apr 2019 16:44
Operator : SY/MD
Sample : K2478-04
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** C0XD3

Quant Time: Apr 25 02:25:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 25 02:19:56 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.67 | 114 | 220569 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.90 | 117 | 222126 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152 | 109464 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 65837 | 5.12 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 102.40% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 53106 | 5.52 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 110.40% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.13 | 63 | 97207 | 3.91 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 78.20% | | | |
| 20) 2-Butanone-d5 | 3.95 | 46 | 134543 | 49.35 | ug/L | -0.02 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 98.70% | | | |
| 24) Chloroform-d | 4.41 | 84 | 111133 | 4.17 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 83.40% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.09 | 65 | 69323 | 5.22 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 104.40% | | | |
| 32) Benzene-d6 | 5.10 | 84 | 271773 | 5.13 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 102.60% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.12 | 67 | 80607 | 5.18 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 103.60% | | | |
| 41) Toluene-d8 | 7.36 | 98 | 252369 | 4.86 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 97.20% | | | |
| 43) trans-1,3-Dichloropropene- | 7.67 | 79 | 28954 | 4.72 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 94.40% | | | |
| 46) 2-Hexanone-d5 | 8.14 | 63 | 119217 | 50.92 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 101.84% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26 | 84 | 57701 | 4.99 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 99.80% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.67 | 152 | 107322 | 5.30 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 106.00% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.19 | 43 | 20281 | 12.364 | ug/L | 93 |
| 15) Methyl Acetate | 2.47 | 43 | 634 | 0.149 | ug/L # | 69 |
| 25) Chloroform | 4.43 | 83 | 27755 | 1.019 | ug/L | 95 |
| 27) 1,2-Dichloroethane | 5.10 | 62 | 1803 | 0.113 | ug/L # | 74 |
| 35) Methylcyclohexane | 6.12 | 83 | 21173 | 0.861 | ug/L # | 20 |
| 37) 1,2-Dichloropropane | 6.12 | 63 | 9547 | 0.693 | ug/L # | 87 |
| 39) cis-1,3-Dichloropropene | 7.03 | 75 | 2992 | 0.146 | ug/L | 84 |
| 44) trans-1,3-Dichloropropene | 7.67 | 75 | 1373 | 0.087 | ug/L # | 29 |
| 48) 2-Hexanone | 8.14 | 43 | 15494 | 2.858 | ug/L # | 75 |

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

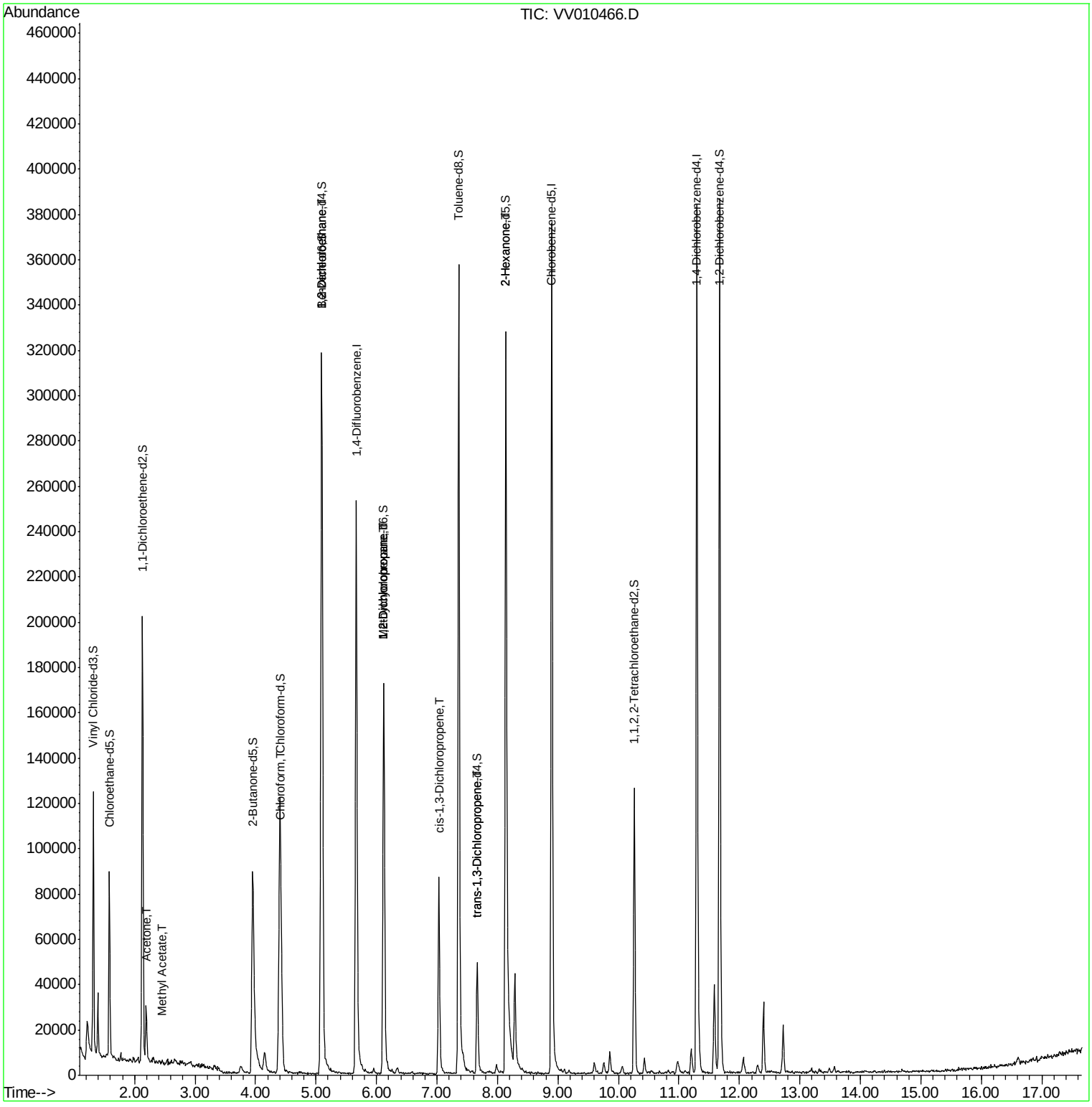
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042419\

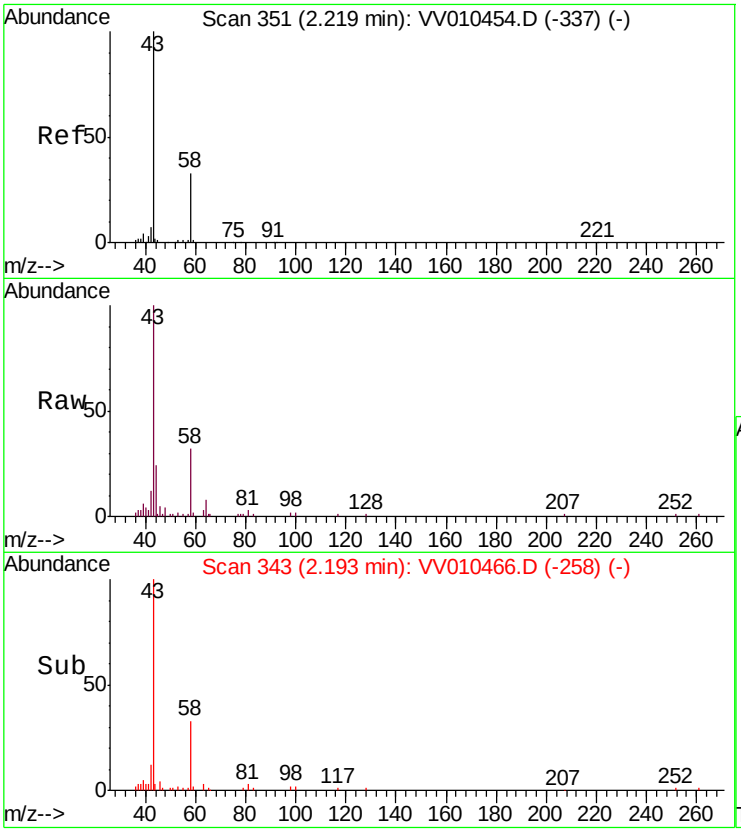
Quantitation Report (Not Reviewed)

Data File : VV010466.D
Acq On : 24 Apr 2019 16:44
Operator : SY/MD
Sample : K2478-04
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** C0XD3

Quant Time: Apr 25 02:25:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 25 02:19:56 2019
Response via : Initial Calibration



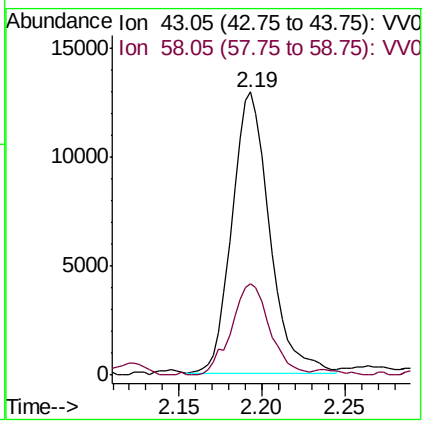


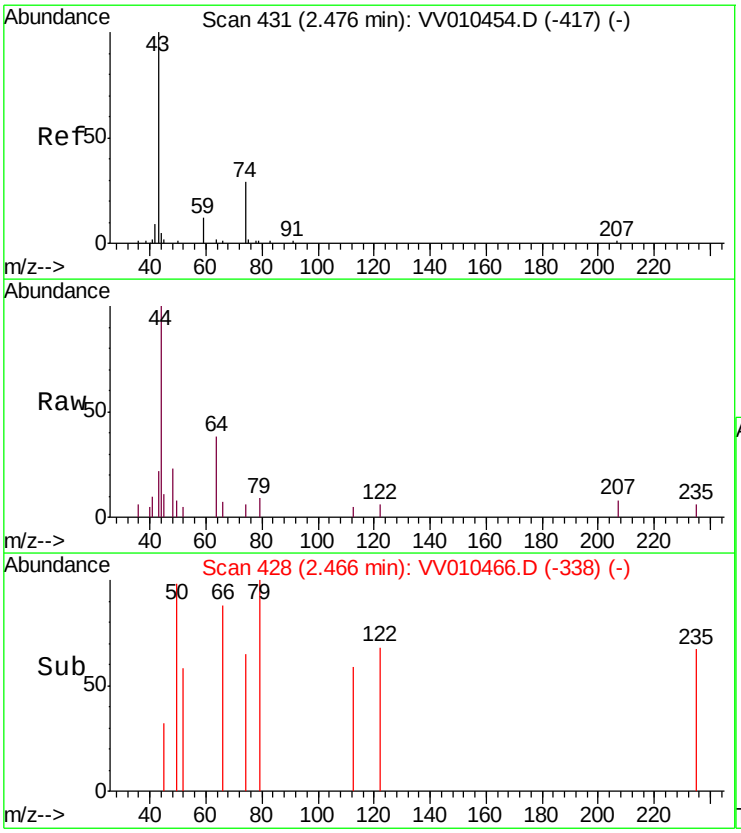

#13
Acetone
Concen: 12.364 ug/L
RT: 2.19 min Scan# 343
Delta R.T. -0.03 min
Lab File: VV010466.D
Acq: 24 Apr 2019 16:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0XD3

Tgt Ion: 43 Resp: 20281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.4 | 0.0 | 59.6 |

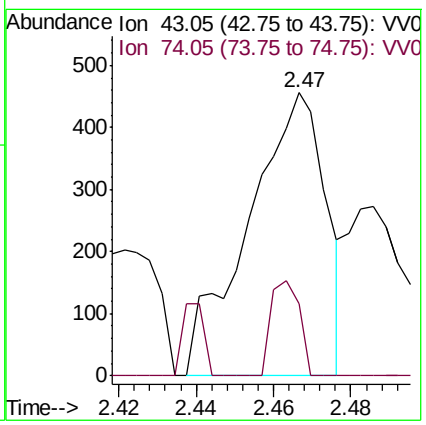


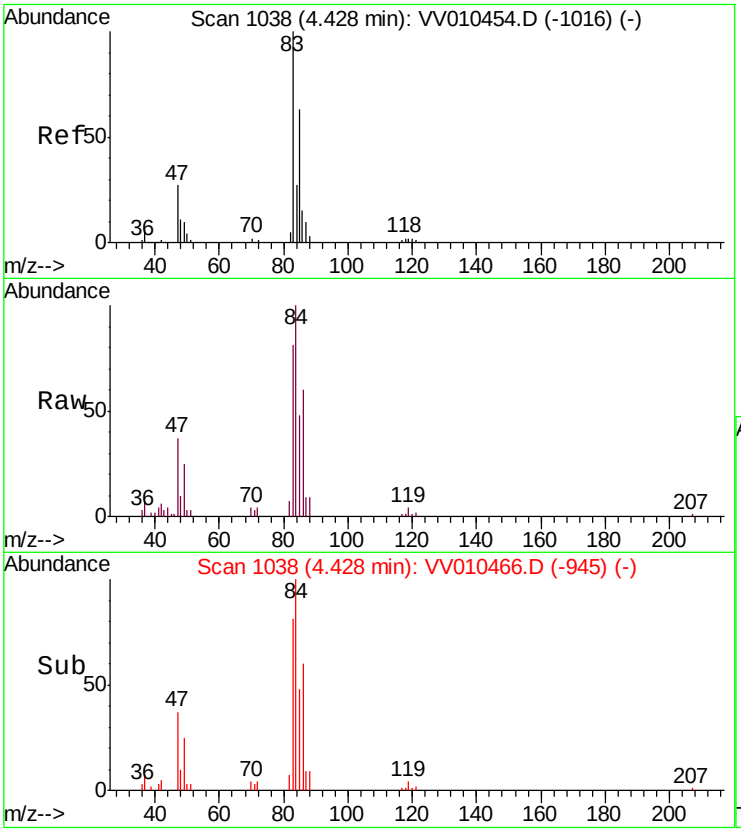




#15
Methyl Acetate
Concen: 0.149 ug/L
RT: 2.47 min Scan# 428
Delta R.T. -0.01 min
Lab File: VV010466.D
Acq: 24 Apr 2019 16:44

Tgt Ion: 43 Resp: 634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 12.5 | 23.0 | 34.6# |



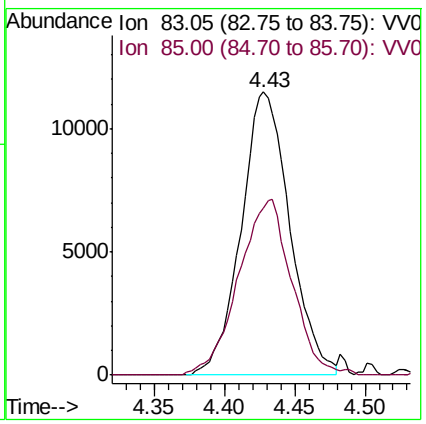


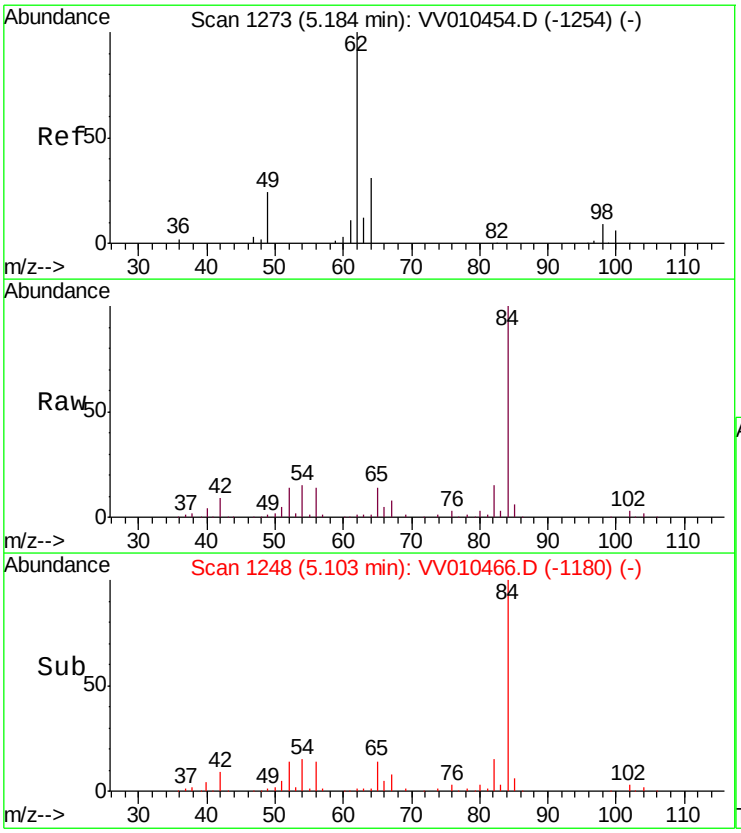

#25
Chloroform
Concen: 1.019 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.00 min
Lab File: VV010466.D
Acq: 24 Apr 2019 16:44

**Instrument :** MSVOA_V
**ClientSampleId :** C0XD3

Tgt Ion: 83 Resp: 27755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 59.1 | 44.3 | 82.3 |

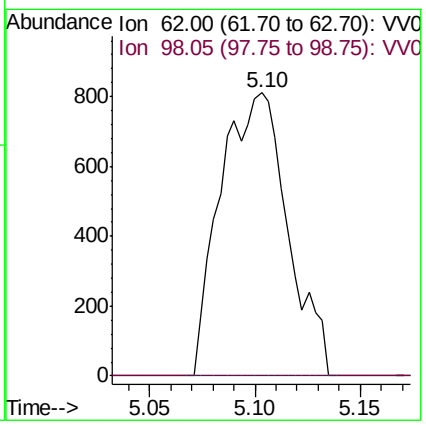


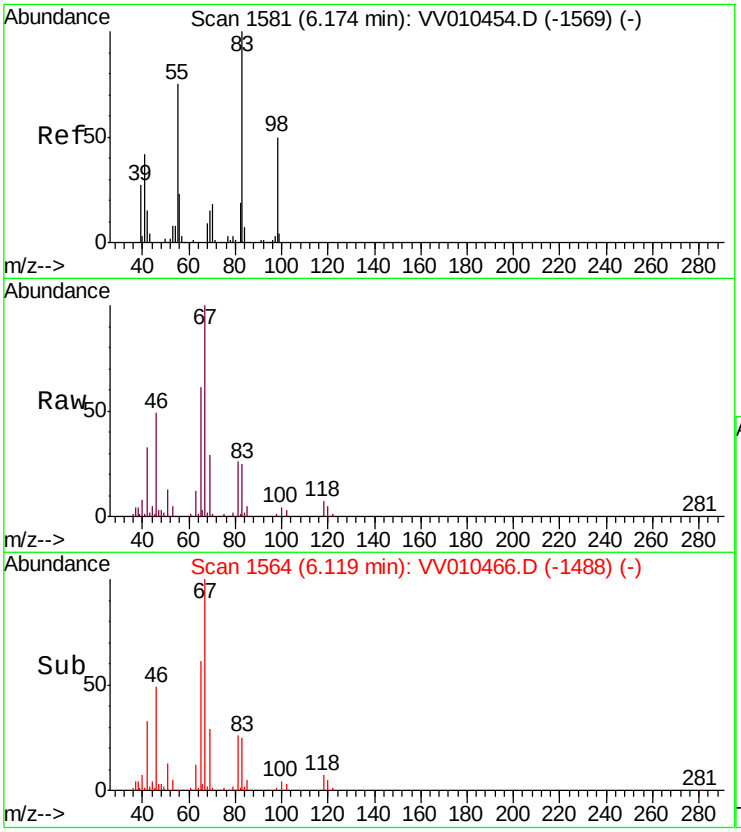




#27
1,2-Dichloroethane
Concen: 0.113 ug/L
RT: 5.10 min Scan# 1248
Delta R.T. -0.08 min
Lab File: VV010466.D
Acq: 24 Apr 2019 16:44

Tgt Ion: 62 Resp: 1803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 0.0 | 7.5 | 11.3# |



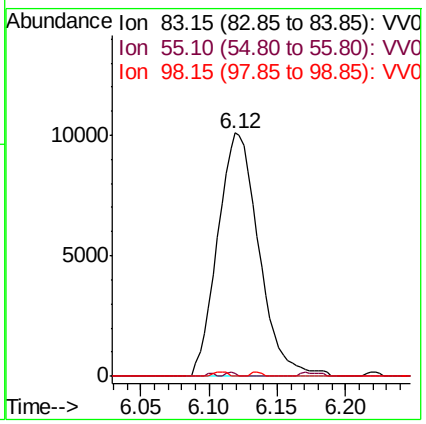


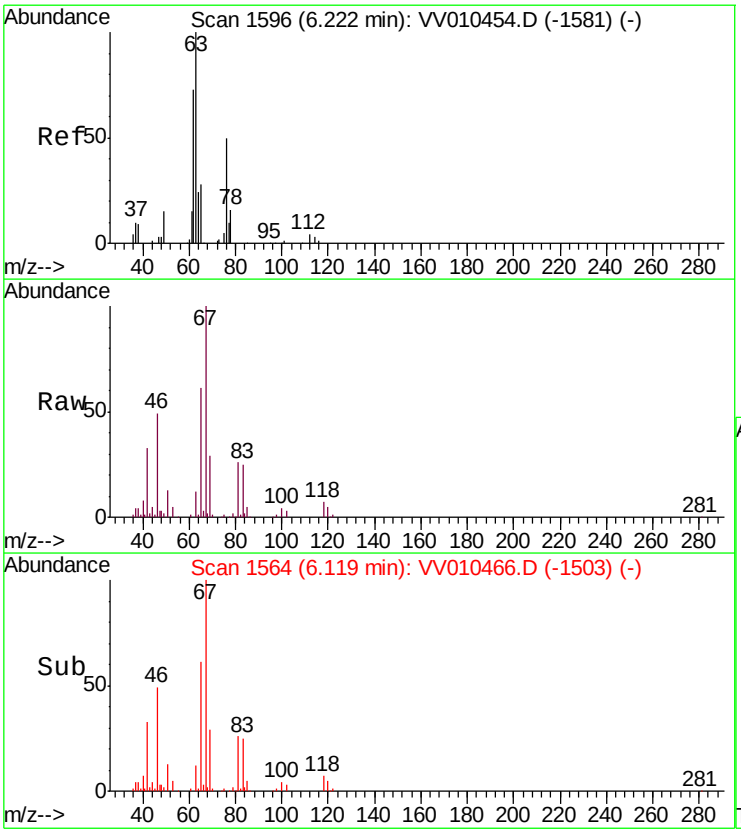

#35
Methylcyclohexane
Concen: 0.861 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV010466.D
Acq: 24 Apr 2019 16:44

**Instrument :** MSVOA_V
**ClientSampleId :** C0XD3

Tgt Ion: 83 Resp: 21173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.4 | 57.8 | 86.6# |
| 98 | 0.6 | 38.8 | 58.2# |

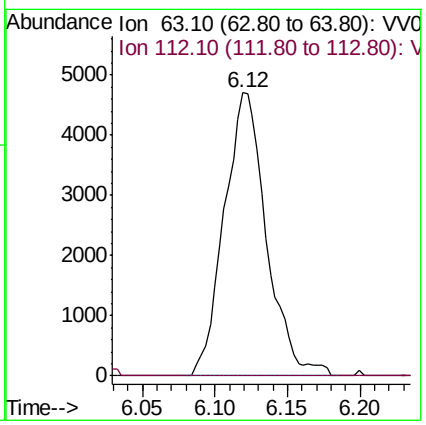


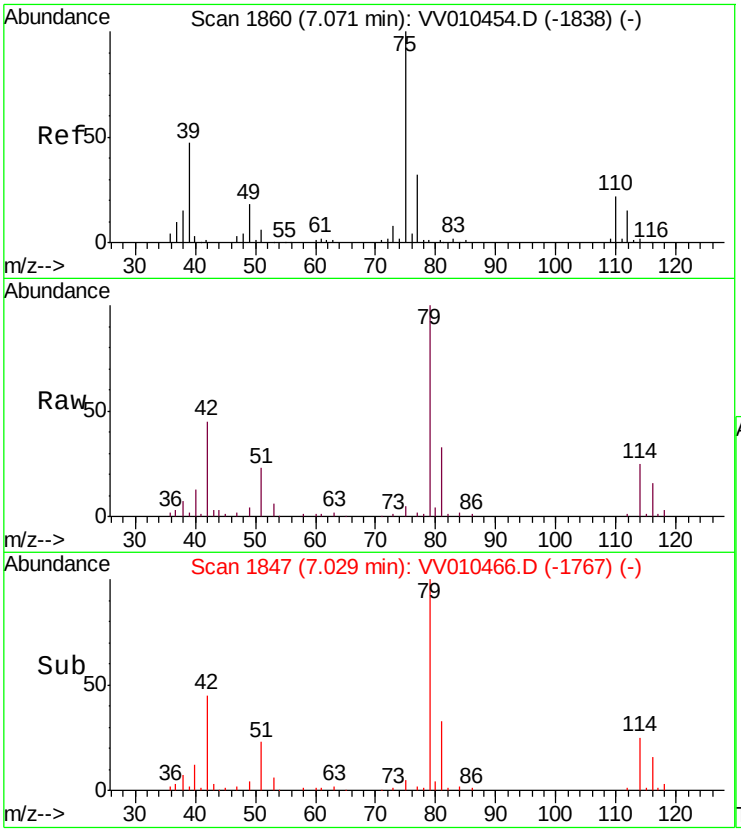




#37
1,2-Dichloropropane
Concen: 0.693 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV010466.D
Acq: 24 Apr 2019 16:44

Tgt Ion: 63 Resp: 9547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.4 | 3.8 | 5.6# |



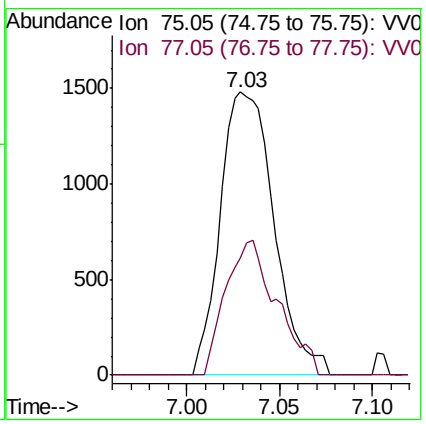


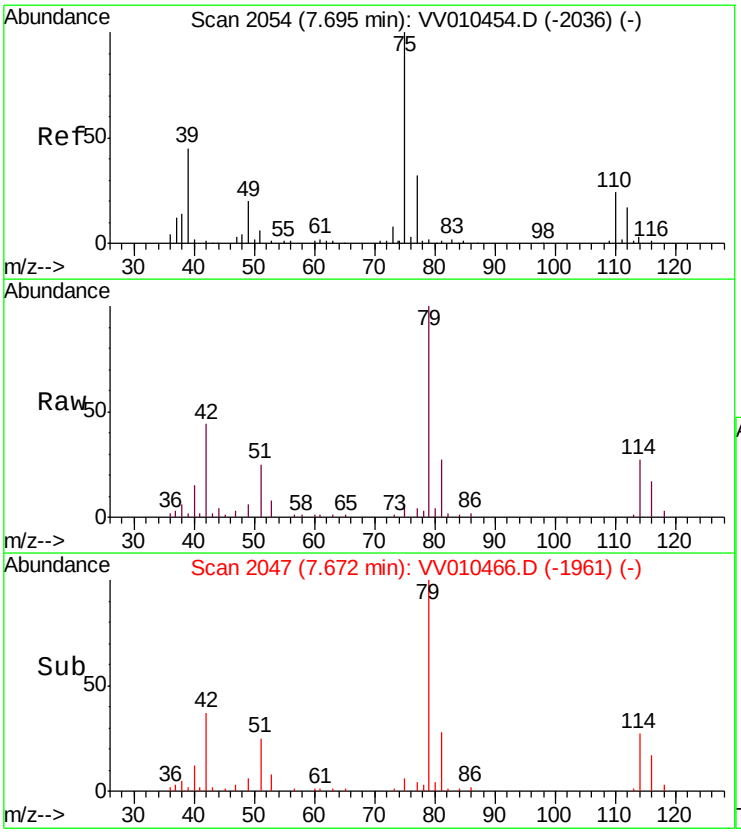

#39
cis-1,3-Dichloropropene
Concen: 0.146 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010466.D
Acq: 24 Apr 2019 16:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0XD3

Tgt Ion: 75 Resp: 2992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 41.1 | 22.5 | 41.7 |

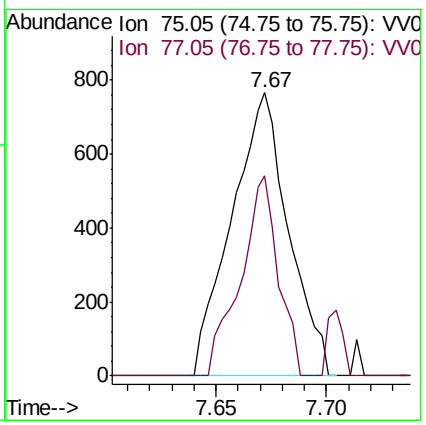


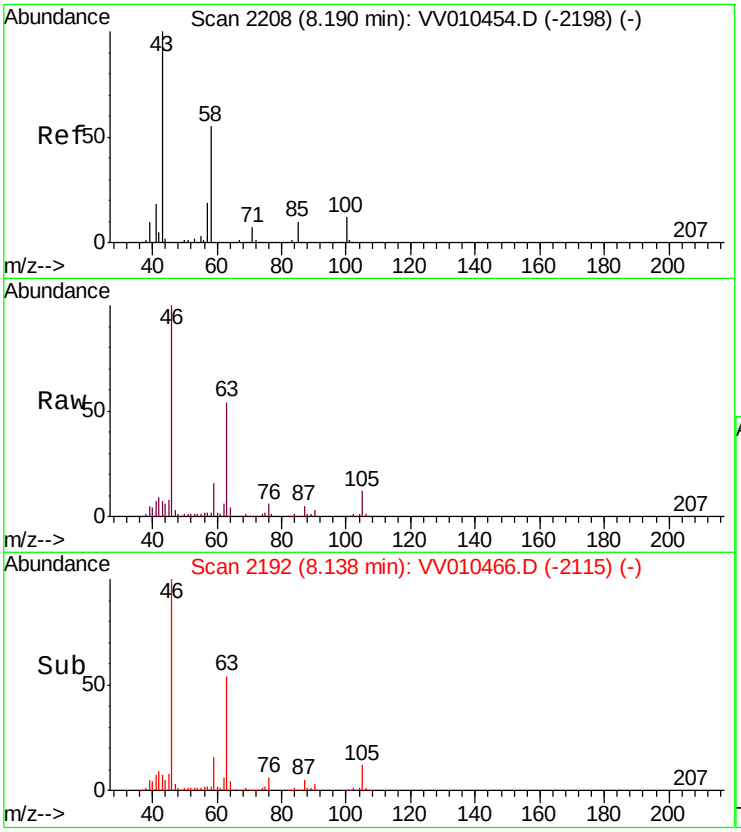




#44
trans-1,3-Dichloropropene
Concen: 0.087 ug/L
RT: 7.67 min Scan# 2047
Delta R.T. -0.02 min
Lab File: VV010466.D
Acq: 24 Apr 2019 16:44

Tgt Ion: 75 Resp: 1373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 70.9 | 22.1 | 41.1# |






#48
2-Hexanone
Concen: 2.858 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV010466.D
Acq: 24 Apr 2019 16:44

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0XD3

Tgt Ion: 43 Resp: 15494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 34.6 | 42.2 | 63.4# |
| 57 | 30.5 | 15.3 | 22.9# |
| 100 | 2.4 | 9.6 | 14.4# |