Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050620\
Data File : VV015913.D
Acq On : 06 May 2020 16:30
Operator : SY/MD
Sample : L2527-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: May 07 02:05:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 07 02:01:25 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.64 | 114 | 146955 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.87 | 117 | 142302 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152 | 66347 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.31 | 65 | 41746 | 4.62 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 92.40% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 38476 | 4.79 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 95.80% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.12 | 63 | 63525 | 3.49 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 69.80% | | | |
| 20) 2-Butanone-d5 | 3.92 | 46 | 111253 | 47.48 | ug/L | -0.02 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 94.96% | | | |
| 24) Chloroform-d | 4.38 | 84 | 85722 | 4.84 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 96.80% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.06 | 65 | 50028 | 4.87 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 97.40% | | | |
| 32) Benzene-d6 | 5.08 | 84 | 172195 | 4.83 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 96.60% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.09 | 67 | 54493 | 5.01 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 100.20% | | | |
| 41) Toluene-d8 | 7.34 | 98 | 155597 | 4.69 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 93.80% | | | |
| 43) trans-1,3-Dichloropropene- | 7.65 | 79 | 18503 | 4.33 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 86.60% | | | |
| 46) 2-Hexanone-d5 | 8.11 | 63 | 82543 | 43.64 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 87.28% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24 | 84 | 35395 | 4.50 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 90.00% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.65 | 152 | 56250 | 5.09 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 101.80% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 12) 1,1-Dichloroethene | 2.12 | 96 | 601 | 0.073 | ug/L # | 1 |
| 13) Acetone | 2.20 | 43 | 5243 | 3.634 | ug/L # | 55 |
| 21) 2-Butanone | 4.10 | 43 | 86162 | 35.743 | ug/L # | 55 |
| 25) Chloroform | 4.41 | 83 | 7464 | 0.388 | ug/L | 95 |
| 35) Methylcyclohexane | 6.09 | 83 | 13303 | 0.801 | ug/L # | 16 |
| 37) 1,2-Dichloropropane | 6.09 | 63 | 6667 | 0.715 | ug/L # | 87 |
| 39) cis-1,3-Dichloropropene | 7.01 | 75 | 1675 | 0.128 | ug/L # | 63 |
| 44) trans-1,3-Dichloropropene | 7.65 | 75 | 1024 | 0.092 | ug/L | 97 |
| 48) 2-Hexanone | 8.16 | 43 | 4245 | 1.022 | ug/L # | 91 |
| 59) 1,2,3-Trichloropropane | 10.41 | 75 | 1185 | 0.207 | ug/L # | 52 |
| 66) 1,2-Dibromo-3-chloropropan | 12.27 | 75 | 1404 | 1.190 | ug/L # | 17 |

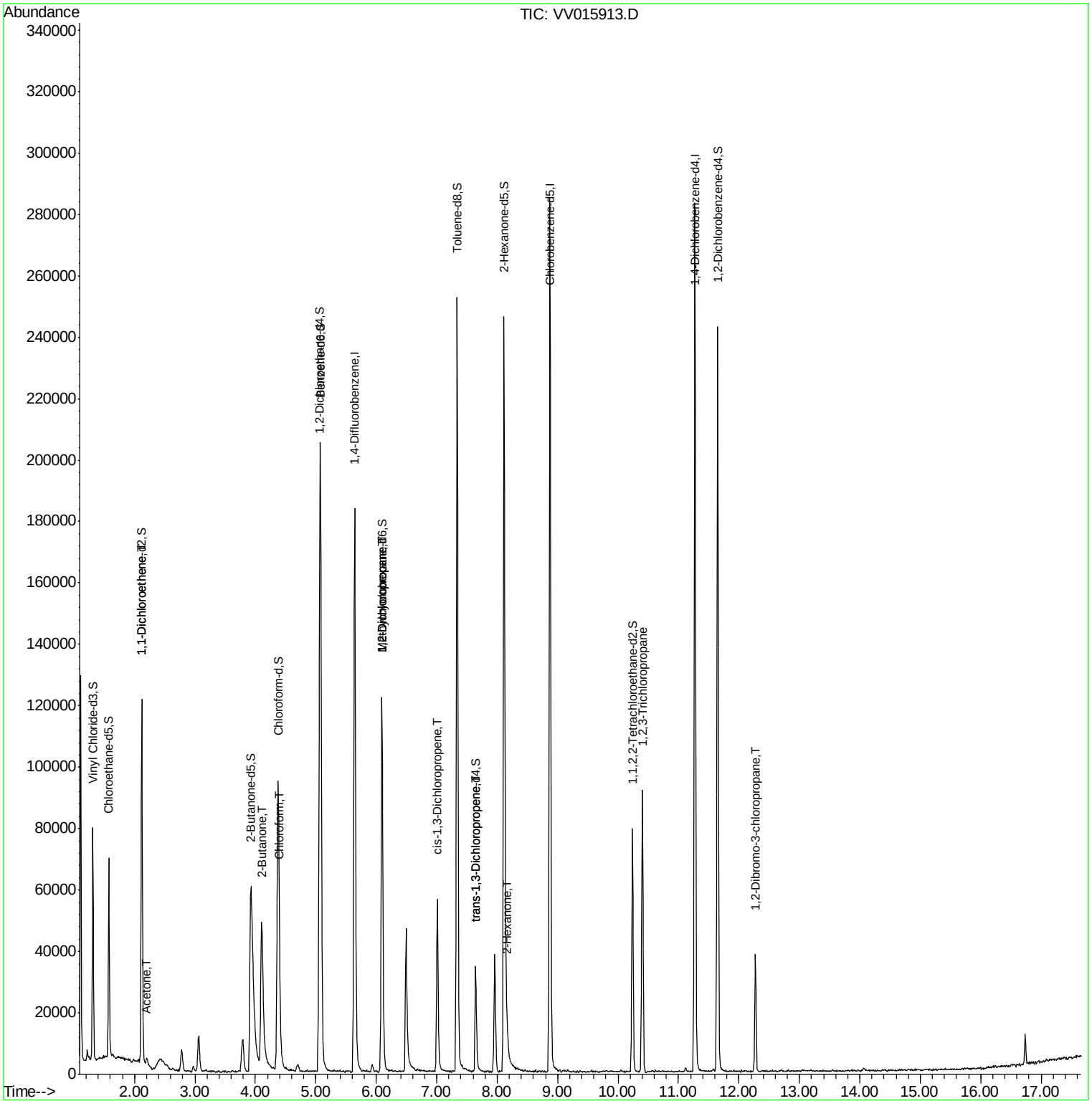
(#) = qualifier out of range (m) = manual integration (+) = signals summed

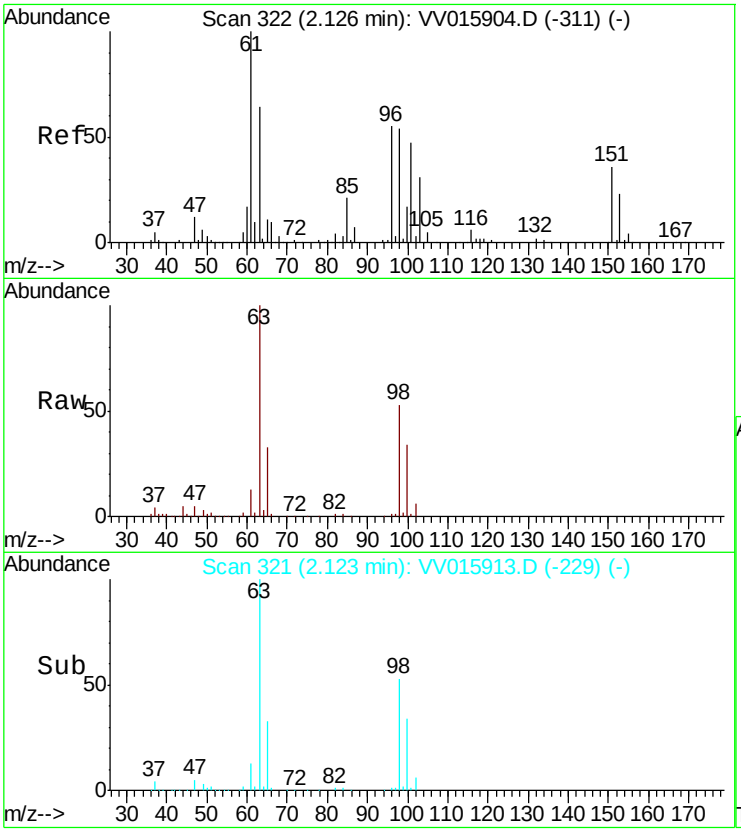
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050620\
Data File : VV015913.D
Acq On : 06 May 2020 16:30
Operator : SY/MD
Sample : L2527-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: May 07 02:05:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 07 02:01:25 2020
Response via : Initial Calibration



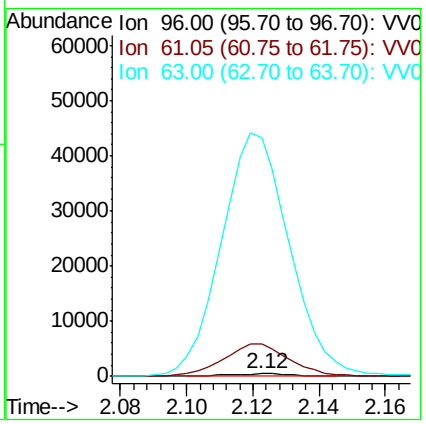


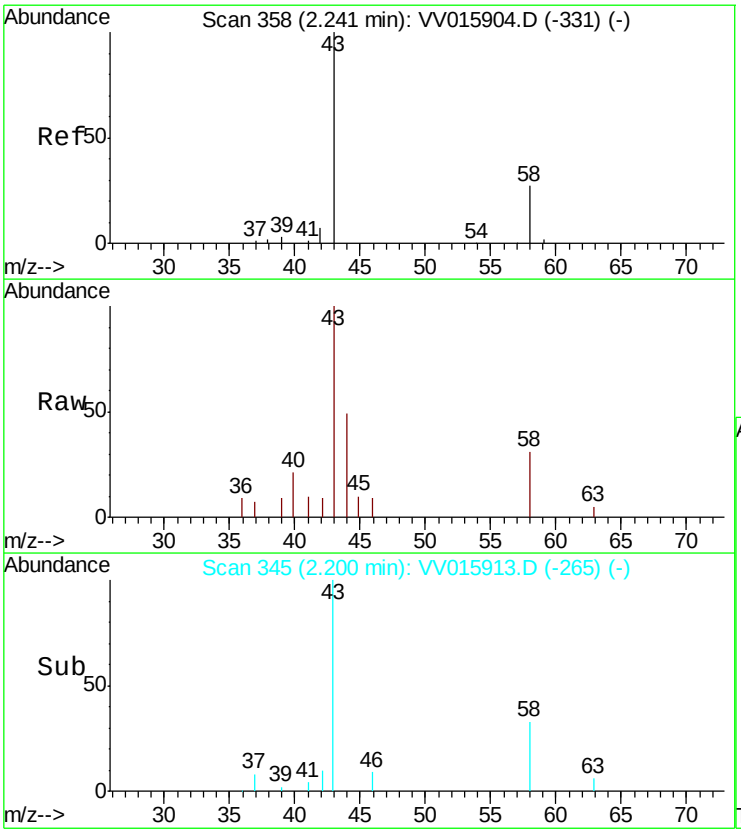

#12
1,1-Dichloroethene
Concen: 0.073 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.00 min
Lab File: VV015913.D
Acq: 06 May 2020 16:30

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

Tgt Ion: 96 Resp: 601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1263.7 | 139.9 | 259.7# |
| 63 | 9449.5 | 106.4 | 197.6# |

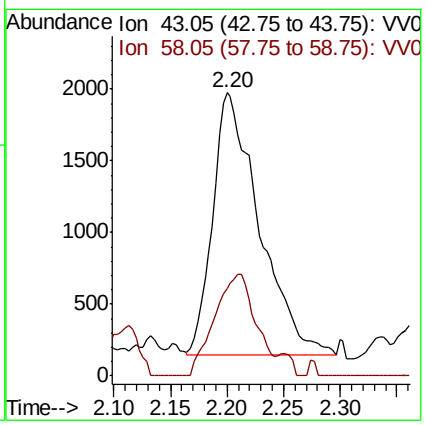


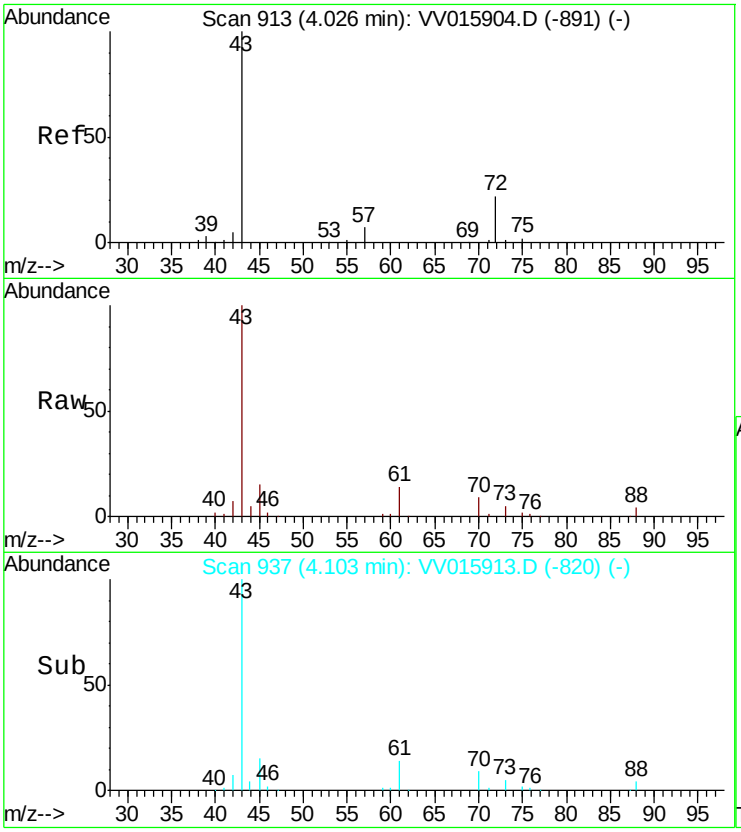




#13
Acetone
Concen: 3.634 ug/L
RT: 2.20 min Scan# 345
Delta R.T. -0.04 min
Lab File: VV015913.D
Acq: 06 May 2020 16:30

Tgt Ion: 43 Resp: 5243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 34.2 | 0.0 | 30.8# |



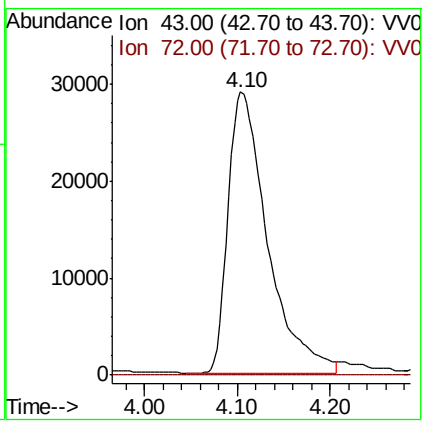


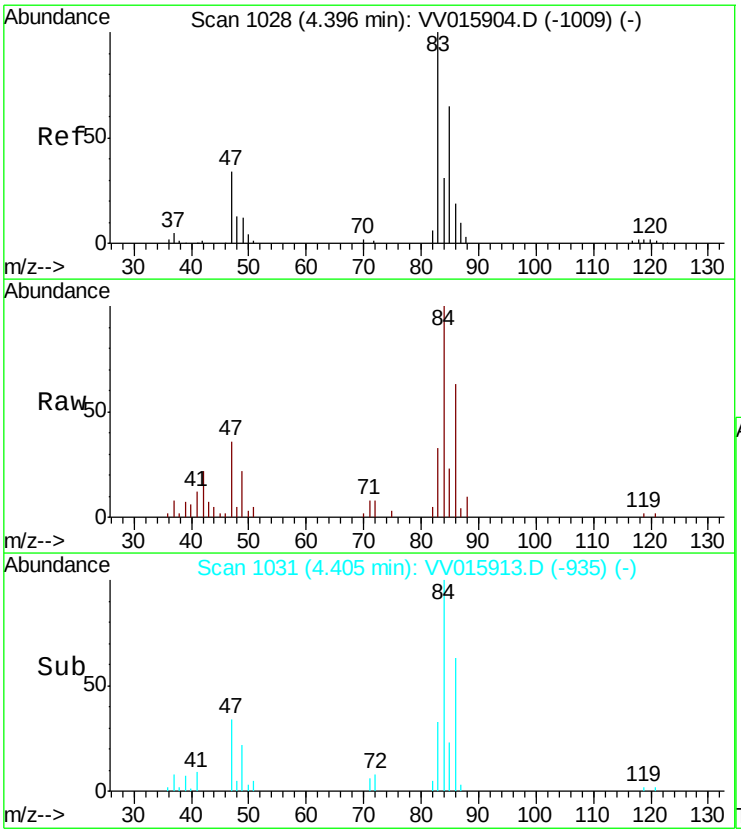

#21
2-Butanone
Concen: 35.743 ug/L
RT: 4.10 min Scan# 937
Delta R.T. 0.08 min
Lab File: VV015913.D
Acq: 06 May 2020 16:30

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

Tgt Ion: 43 Resp: 86162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 0.0 | 10.5 | 31.5# |

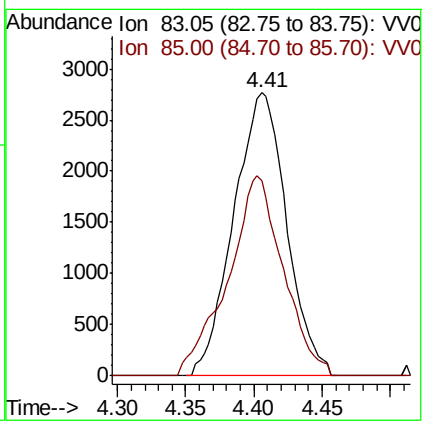


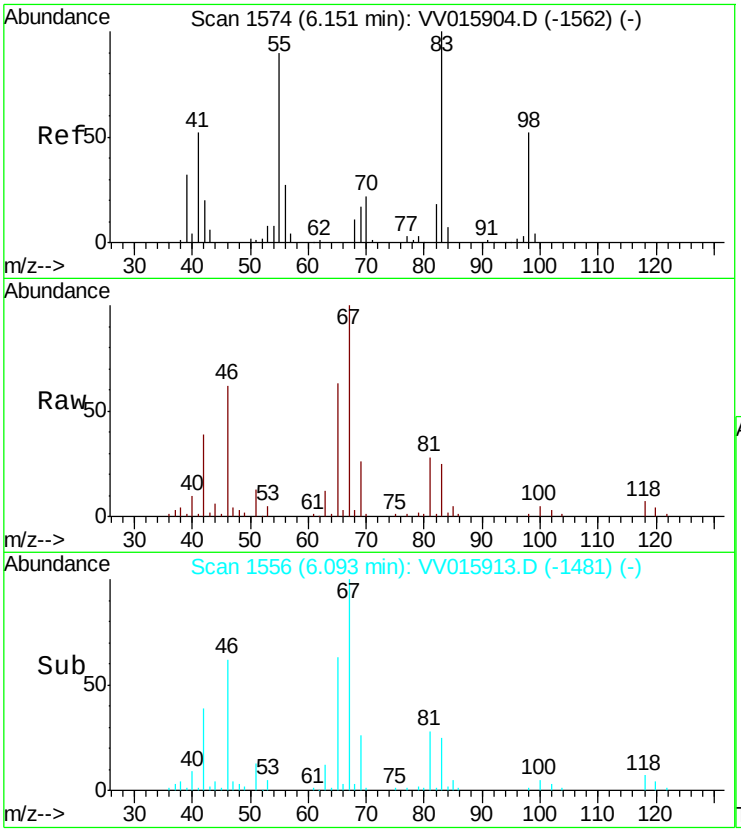




#25
Chloroform
Concen: 0.388 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015913.D
Acq: 06 May 2020 16:30

Tgt Ion: 83 Resp: 7464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 69.1 | 45.7 | 84.9 |



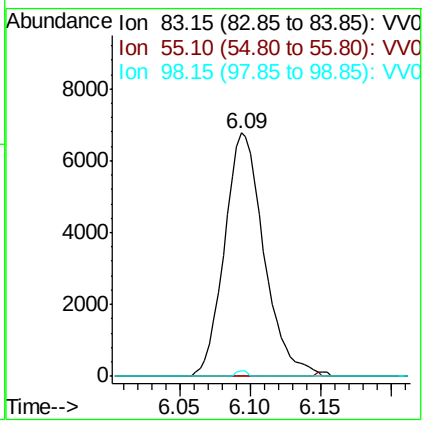


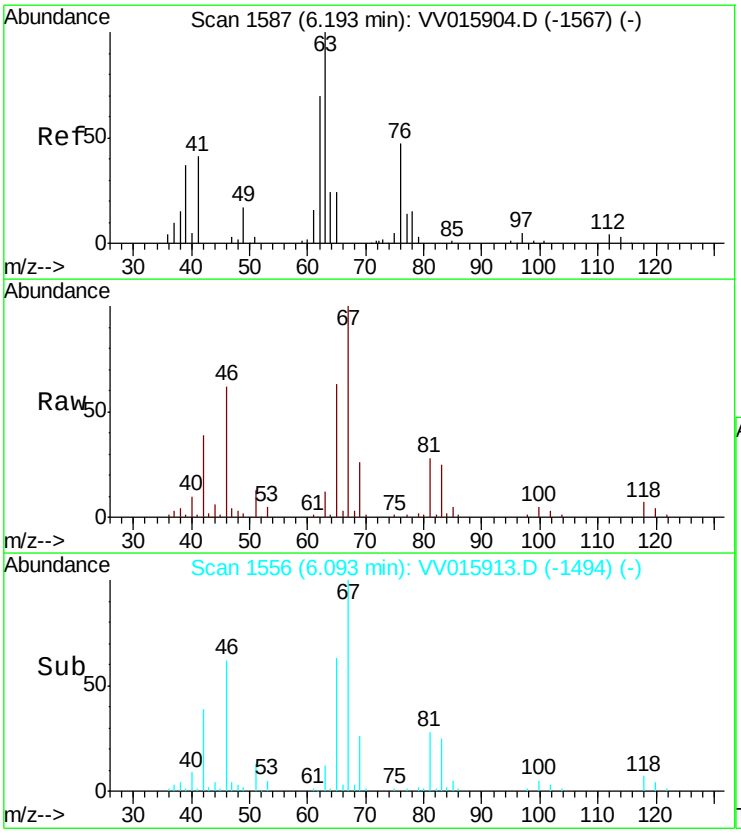

#35
Methylcyclohexane
Concen: 0.801 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015913.D
Acq: 06 May 2020 16:30

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

Tgt Ion: 83 Resp: 13303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.2 | 66.2 | 99.2# |
| 98 | 0.6 | 37.9 | 56.9# |

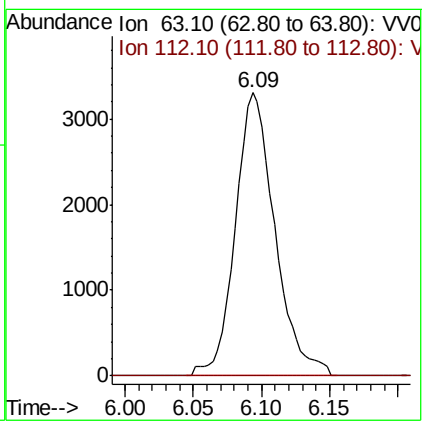


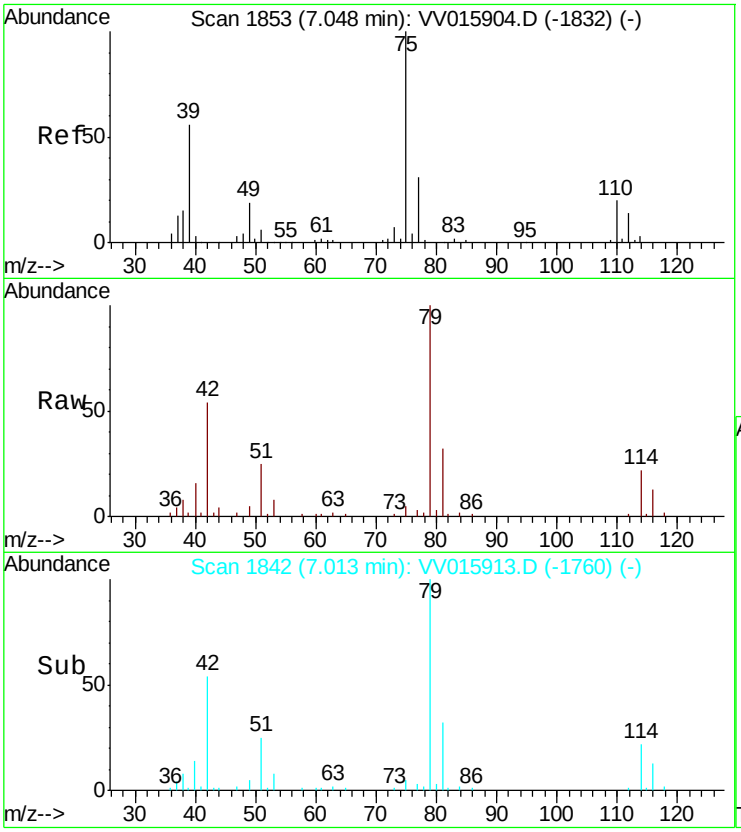




#37
1,2-Dichloropropane
Concen: 0.715 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV015913.D
Acq: 06 May 2020 16:30

Tgt Ion: 63 Resp: 6667

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



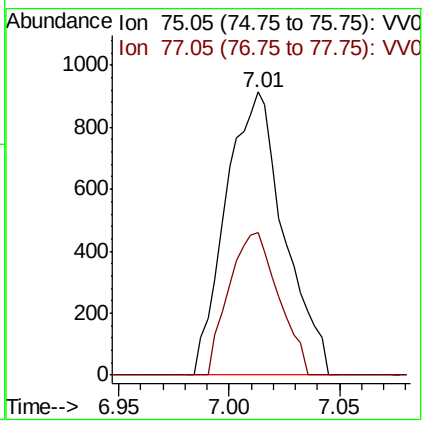


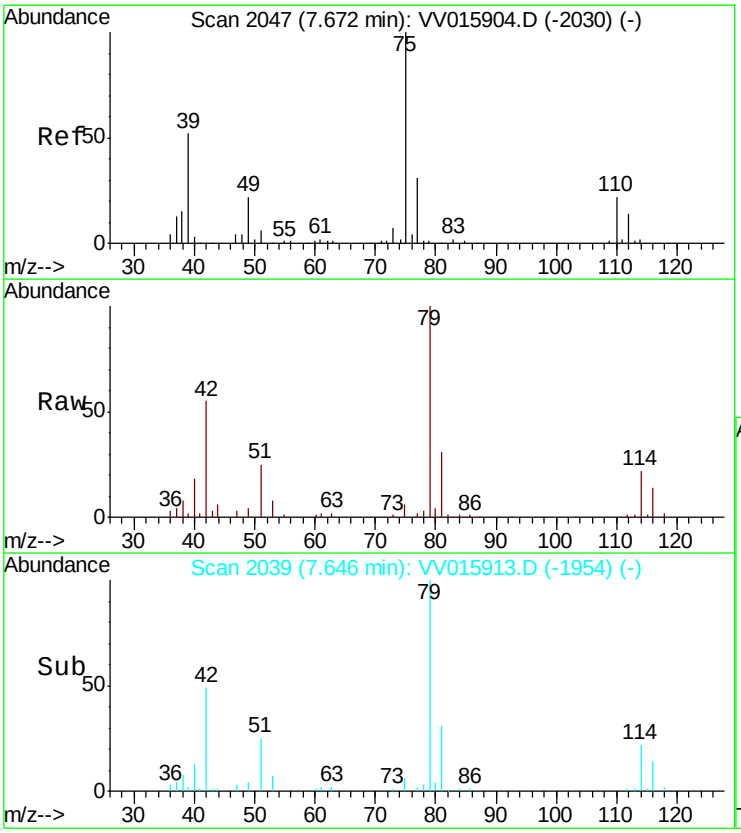

#39
cis-1,3-Dichloropropene
Concen: 0.128 ug/L
RT: 7.01 min Scan# 1842
Delta R.T. -0.04 min
Lab File: VV015913.D
Acq: 06 May 2020 16:30

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

Tgt Ion: 75 Resp: 1675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 50.4 | 21.3 | 39.5# |

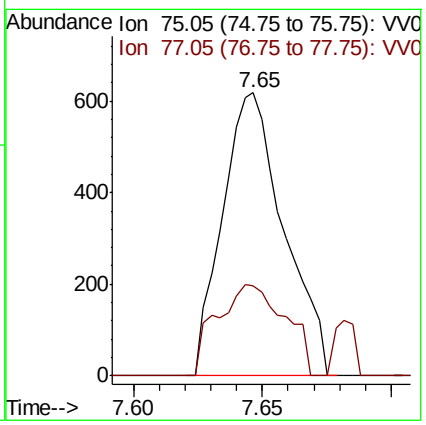


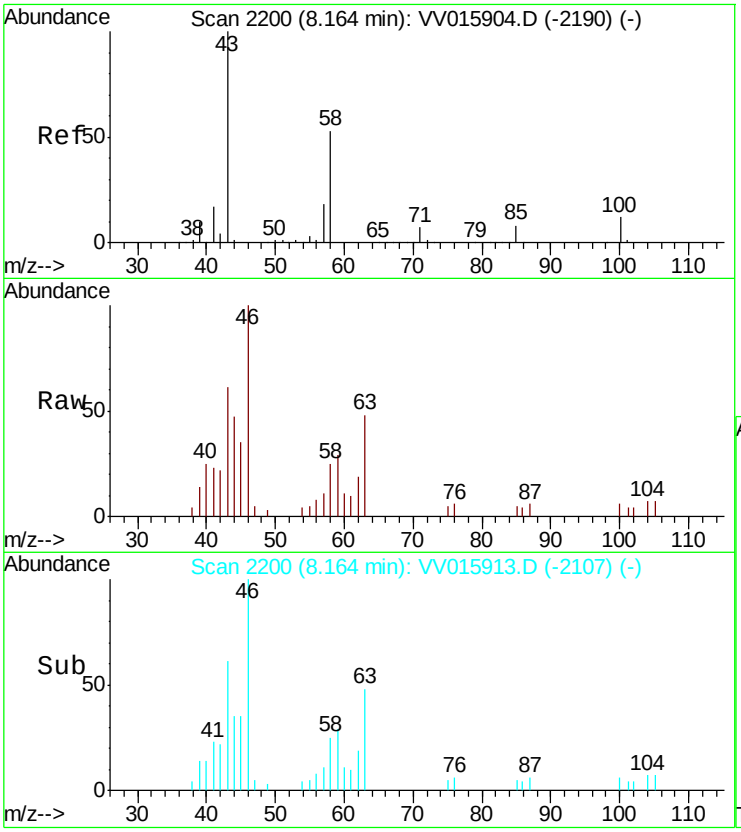




#44
trans-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV015913.D
Acq: 06 May 2020 16:30

Tgt Ion: 75 Resp: 1024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.9 | 21.3 | 39.6 |



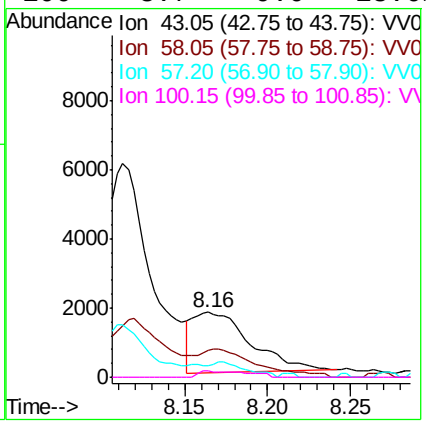


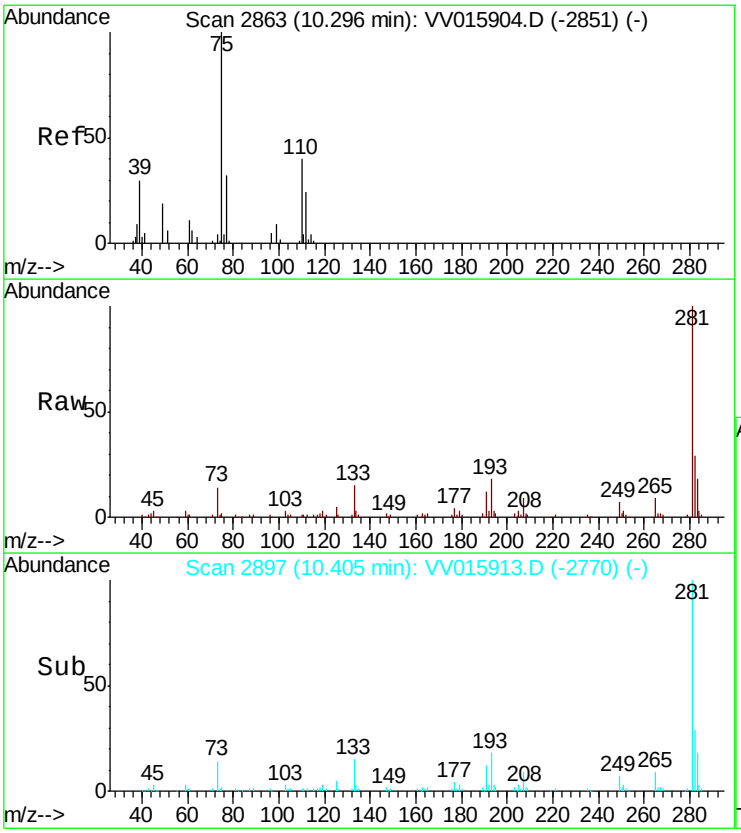

#48
2-Hexanone
Concen: 1.022 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.00 min
Lab File: VV015913.D
Acq: 06 May 2020 16:30

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

Tgt Ion: 43 Resp: 4245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 46.6 | 40.8 | 61.2 |
| 57 | 14.7 | 14.7 | 22.1# |
| 100 | 3.7 | 9.0 | 13.6# |

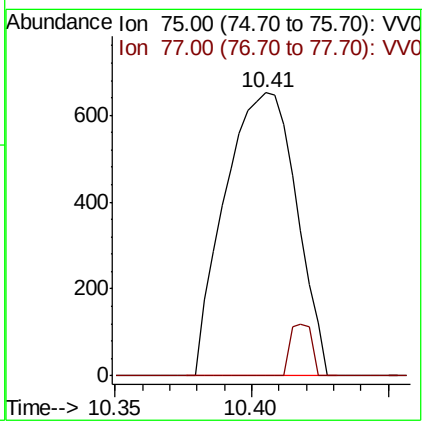


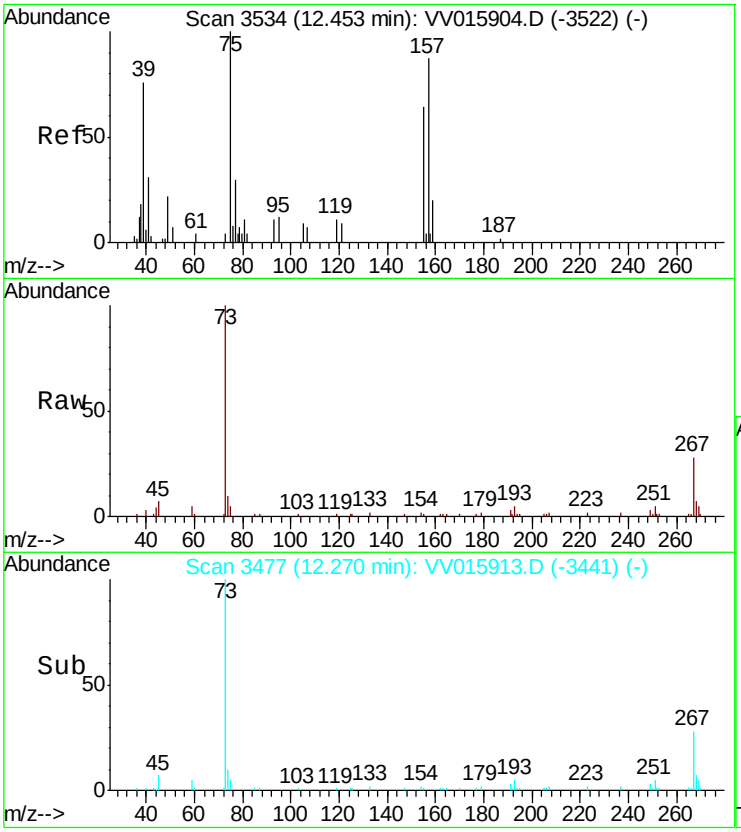




#59
1,2,3-Trichloropropane
Concen: 0.207 ug/L
RT: 10.41 min Scan# 2897
Delta R.T. 0.11 min
Lab File: VV015913.D
Acq: 06 May 2020 16:30

Tgt Ion: 75 Resp: 1185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 5.6 | 26.2 | 39.4# |






#66
1,2-Dibromo-3-chloropropane
Concen: 1.190 ug/L
RT: 12.27 min Scan# 3477
Delta R.T. -0.18 min
Lab File: VV015913.D
Acq: 06 May 2020 16:30

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

Tgt Ion: 75 Resp: 1404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 22.5 | 58.2 | 87.4# |
| 157 | 0.0 | 79.4 | 119.2# |