Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040920\
Data File : VV015435.D
Acq On : 09 Apr 2020 22:26
Operator : SY/MD
Sample : L2188-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Apr 10 05:40:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 10 05:37:21 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.64 | 114 | 116981 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.87 | 117 | 110594 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152 | 53313 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.31 | 65 | 28328 | 4.67 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 93.40% | | | |
| 7) Chloroethane-d5 | 1.57 | 69 | 26717 | 4.78 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 95.60% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.12 | 63 | 41055 | 3.21 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 64.20% | | | |
| 20) 2-Butanone-d5 | 3.97 | 46 | 84463 | 49.56 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 99.12% | | | |
| 24) Chloroform-d | 4.38 | 84 | 62435 | 4.64 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 92.80% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.06 | 65 | 36319 | 5.01 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 100.20% | | | |
| 32) Benzene-d6 | 5.08 | 84 | 121660 | 4.96 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 99.20% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.10 | 67 | 38718 | 5.07 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 101.40% | | | |
| 41) Toluene-d8 | 7.34 | 98 | 112479 | 4.80 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 96.00% | | | |
| 43) trans-1,3-Dichloropropene- | 7.65 | 79 | 15516 | 4.67 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 93.40% | | | |
| 46) 2-Hexanone-d5 | 8.12 | 63 | 80246 | 50.07 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 100.14% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24 | 84 | 29145 | 4.81 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 96.20% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.65 | 152 | 42452 | 4.96 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 99.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 25) Chloroform | 4.41 | 83 | 1930 | 0.121 | ug/L | 85 |
| 27) 1,2-Dichloroethane | 5.07 | 62 | 784 | 0.076 | ug/L # | 77 |
| 35) Methylcyclohexane | 6.10 | 83 | 9511 | 0.634 | ug/L # | 16 |
| 37) 1,2-Dichloropropane | 6.10 | 63 | 4523 | 0.551 | ug/L # | 86 |
| 39) cis-1,3-Dichloropropene | 7.01 | 75 | 1283 | 0.102 | ug/L # | 56 |
| 44) trans-1,3-Dichloropropene | 7.64 | 75 | 653 | 0.061 | ug/L # | 75 |
| 48) 2-Hexanone | 8.12 | 43 | 11297 | 2.999 | ug/L # | 72 |

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

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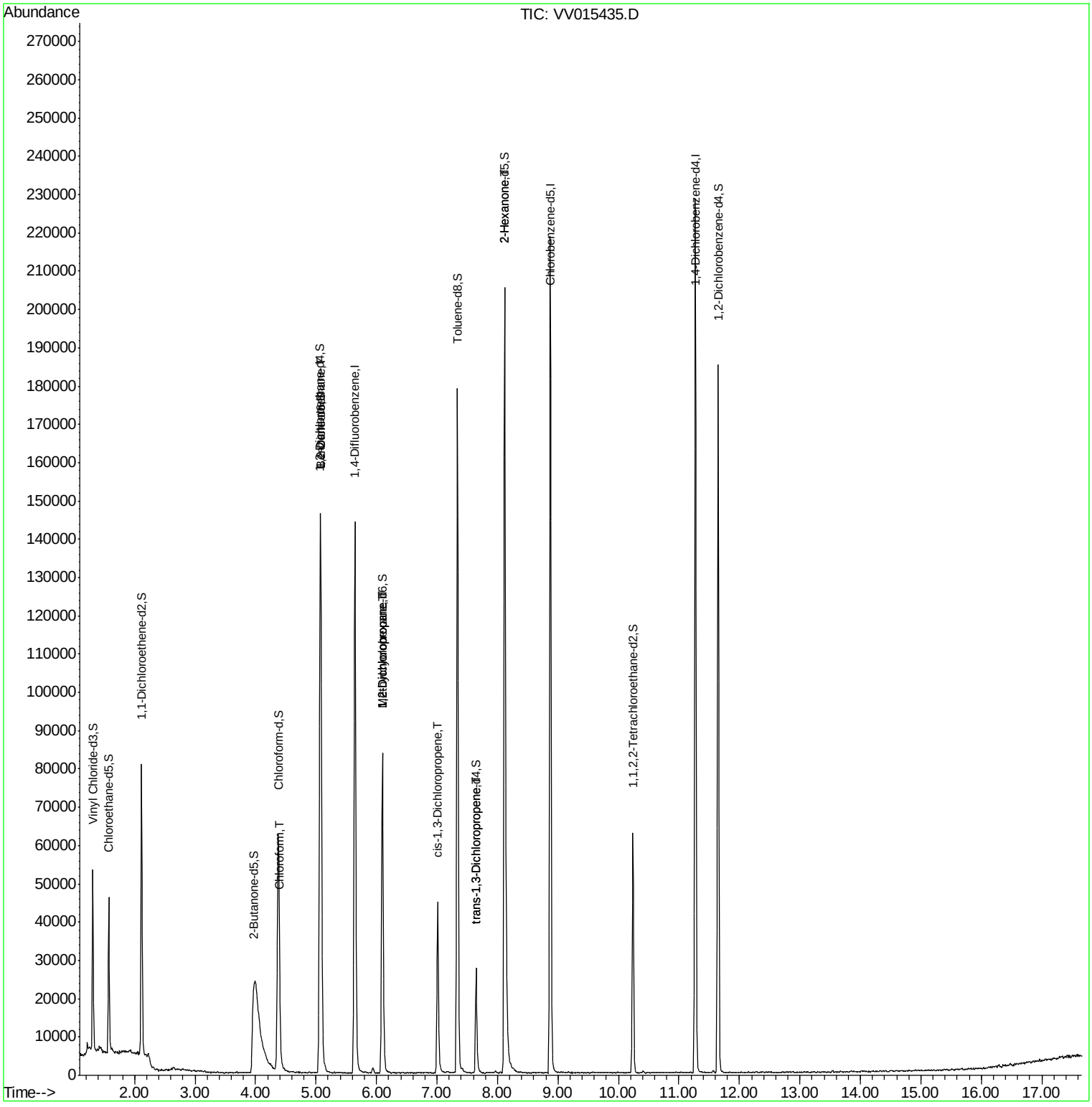
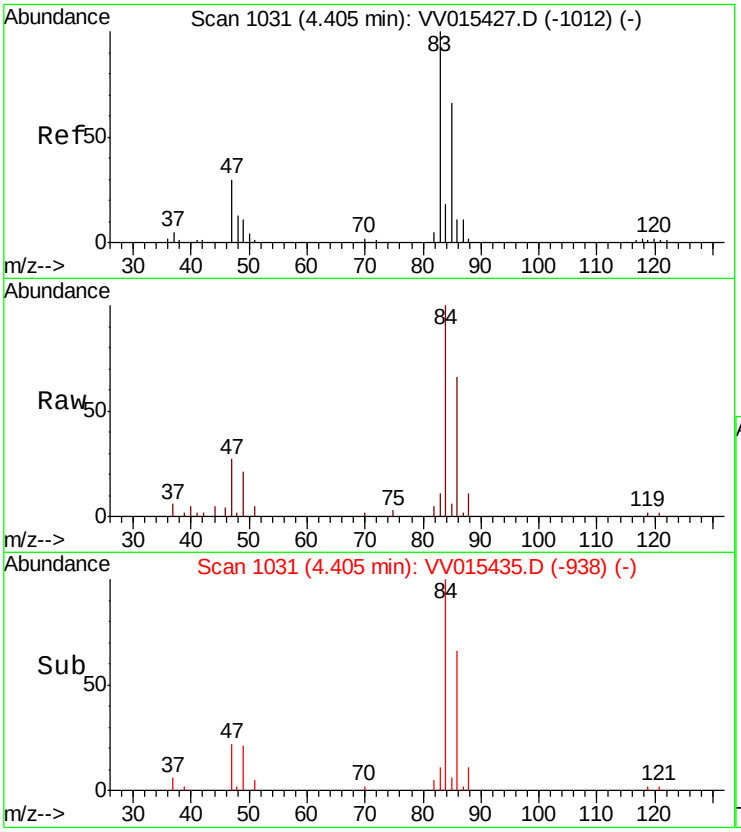
Operator : SY/MD
Sample : L2188-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Apr 10 05:40:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 10 05:37:21 2020
Response via : Initial Calibration



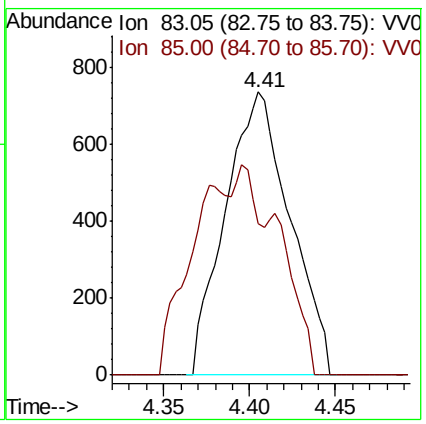


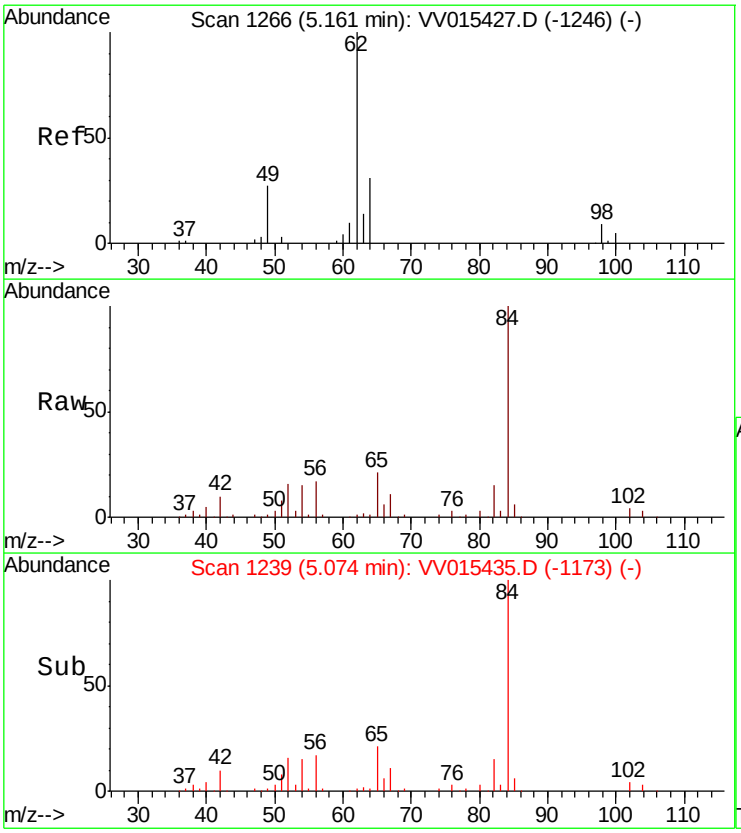

#25
Chloroform
Concen: 0.121 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015435.D
Acq: 09 Apr 2020 22:26

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

Tgt Ion: 83 Resp: 1930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 53.5 | 45.9 | 85.3 |

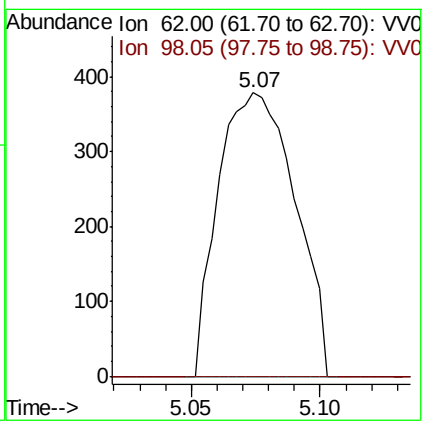


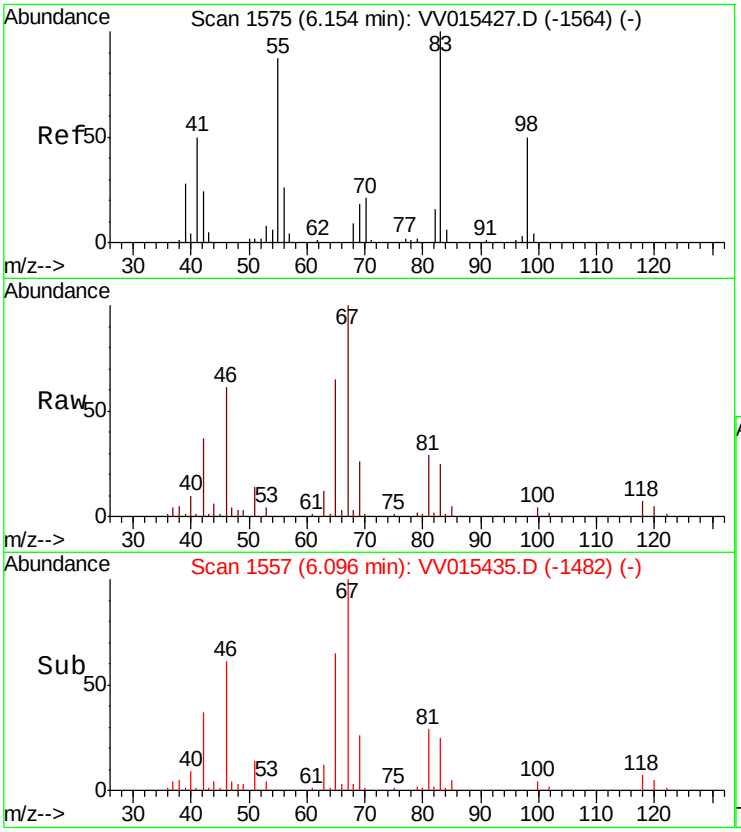




#27
1,2-Dichloroethane
Concen: 0.076 ug/L
RT: 5.07 min Scan# 1239
Delta R.T. -0.09 min
Lab File: VV015435.D
Acq: 09 Apr 2020 22:26

Tgt Ion: 62 Resp: 784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 0.0 | 6.6 | 10.0# |



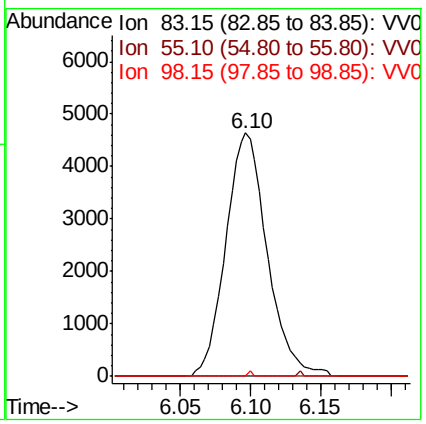


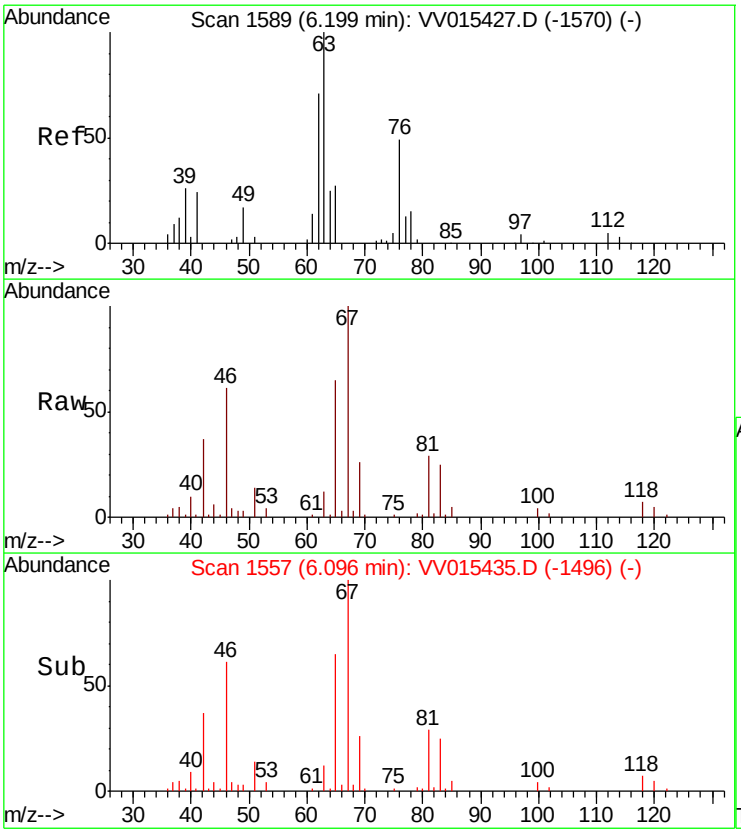

#35
Methylcyclohexane
Concen: 0.634 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV015435.D
Acq: 09 Apr 2020 22:26

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

Tgt Ion: 83 Resp: 9511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.2 | 66.6 | 99.8# |
| 98 | 0.2 | 38.7 | 58.1# |

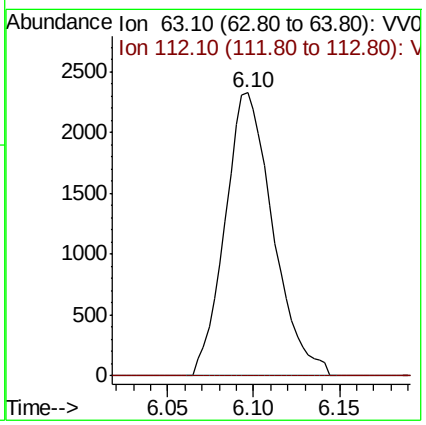


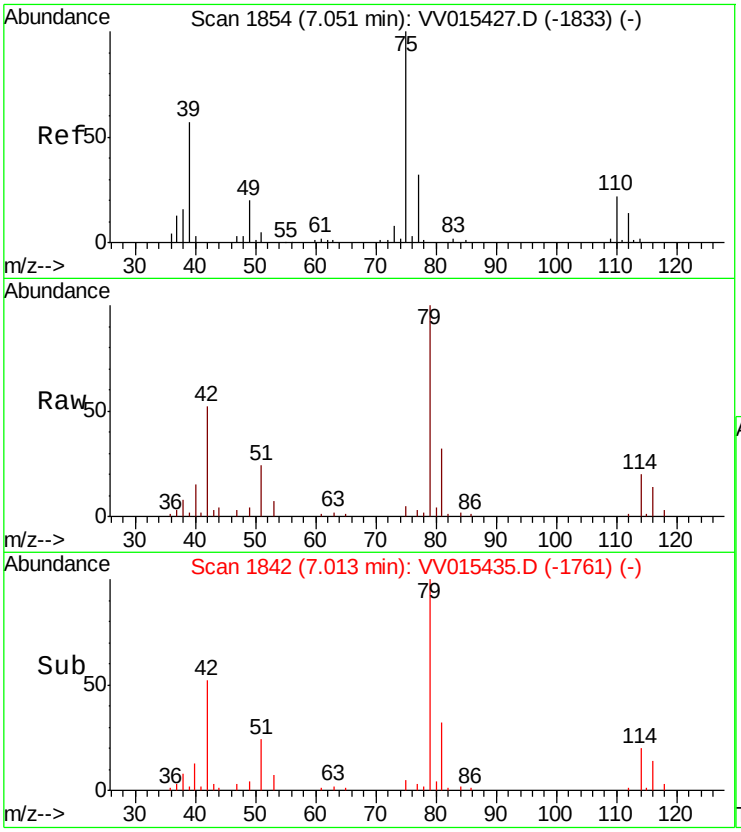




#37
1,2-Dichloropropane
Concen: 0.551 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015435.D
Acq: 09 Apr 2020 22:26

Tgt Ion: 63 Resp: 4523

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



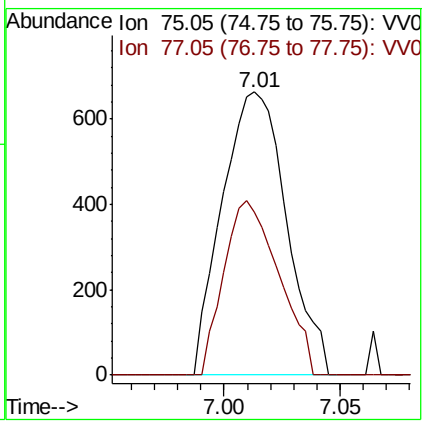


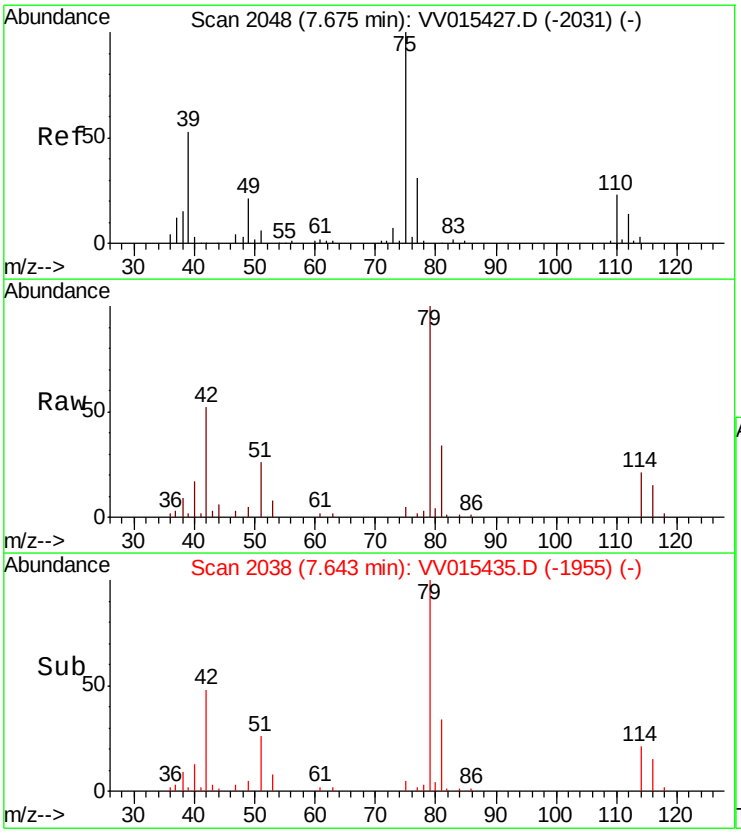

#39
cis-1,3-Dichloropropene
Concen: 0.102 ug/L
RT: 7.01 min Scan# 1842
Delta R.T. -0.04 min
Lab File: VV015435.D
Acq: 09 Apr 2020 22:26

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

Tgt Ion: 75 Resp: 1283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 57.6 | 23.0 | 42.6# |

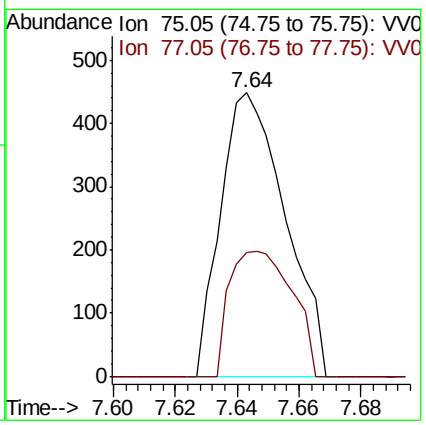


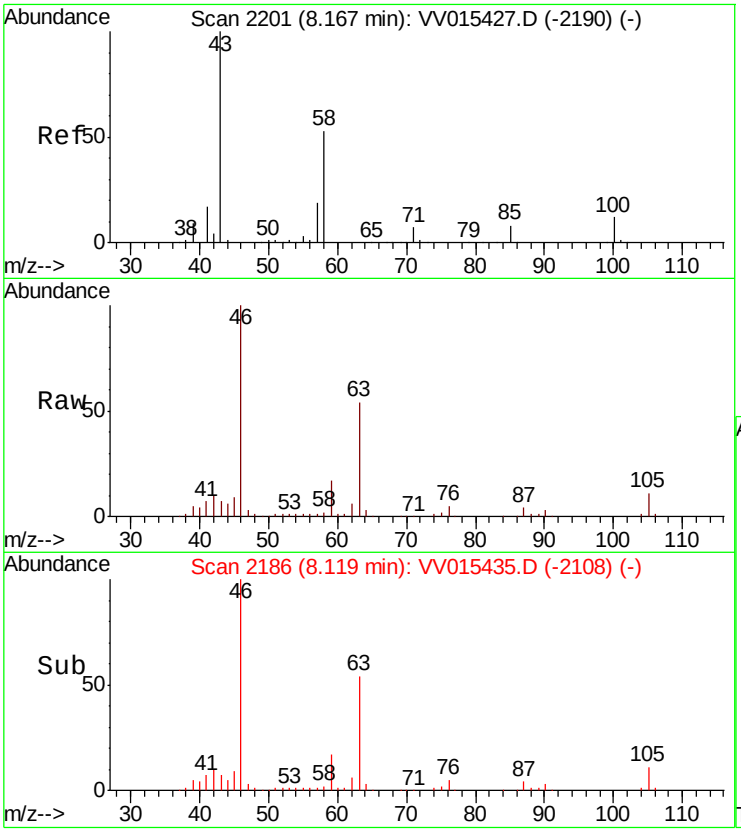




#44
trans-1,3-Dichloropropene
Concen: 0.061 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV015435.D
Acq: 09 Apr 2020 22:26

Tgt Ion: 75 Resp: 653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 43.8 | 21.0 | 39.0# |






#48
2-Hexanone
Concen: 2.999 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV015435.D
Acq: 09 Apr 2020 22:26

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

Tgt Ion: 43 Resp: 11297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 26.5 | 41.4 | 62.0# |
| 57 | 20.5 | 15.0 | 22.4 |
| 100 | 0.0 | 9.4 | 14.2# |