Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041720\
Data File : VV015556.D
Acq On : 17 Apr 2020 15:38
Operator : SY/MD
Sample : L2288-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Apr 18 00:41:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 18 00:37:52 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.64 | 114 | 91962 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.87 | 117 | 86916 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152 | 42834 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.31 | 65 | 22314 | 4.67 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 93.40% | | | |
| 7) Chloroethane-d5 | 1.57 | 69 | 22253 | 5.07 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 101.40% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.12 | 63 | 34224 | 3.41 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 68.20% | | | |
| 20) 2-Butanone-d5 | 3.95 | 46 | 72713 | 54.27 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 108.54% | | | |
| 24) Chloroform-d | 4.38 | 84 | 50976 | 4.82 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 96.40% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.06 | 65 | 29864 | 5.24 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 104.80% | | | |
| 32) Benzene-d6 | 5.07 | 84 | 97534 | 5.06 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 101.20% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.10 | 67 | 31118 | 5.18 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 103.60% | | | |
| 41) Toluene-d8 | 7.34 | 98 | 86907 | 4.72 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 94.40% | | | |
| 43) trans-1,3-Dichloropropene- | 7.65 | 79 | 11722 | 4.49 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 89.80% | | | |
| 46) 2-Hexanone-d5 | 8.11 | 63 | 57846 | 45.92 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 91.84% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24 | 84 | 20544 | 4.31 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 86.20% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.65 | 152 | 33098 | 4.81 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 96.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 25) Chloroform | 4.40 | 83 | 1908 | 0.152 | ug/L | 98 |
| 27) 1,2-Dichloroethane | 5.07 | 62 | 663 | 0.082 | ug/L # | 77 |
| 35) Methylcyclohexane | 6.09 | 83 | 7661 | 0.649 | ug/L # | 17 |
| 37) 1,2-Dichloropropane | 6.09 | 63 | 3878 | 0.601 | ug/L # | 86 |
| 39) cis-1,3-Dichloropropene | 7.01 | 75 | 1075 | 0.109 | ug/L # | 61 |
| 44) trans-1,3-Dichloropropene | 7.64 | 75 | 555 | 0.066 | ug/L # | 81 |
| 48) 2-Hexanone | 8.11 | 43 | 8138 | 2.749 | ug/L # | 74 |

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

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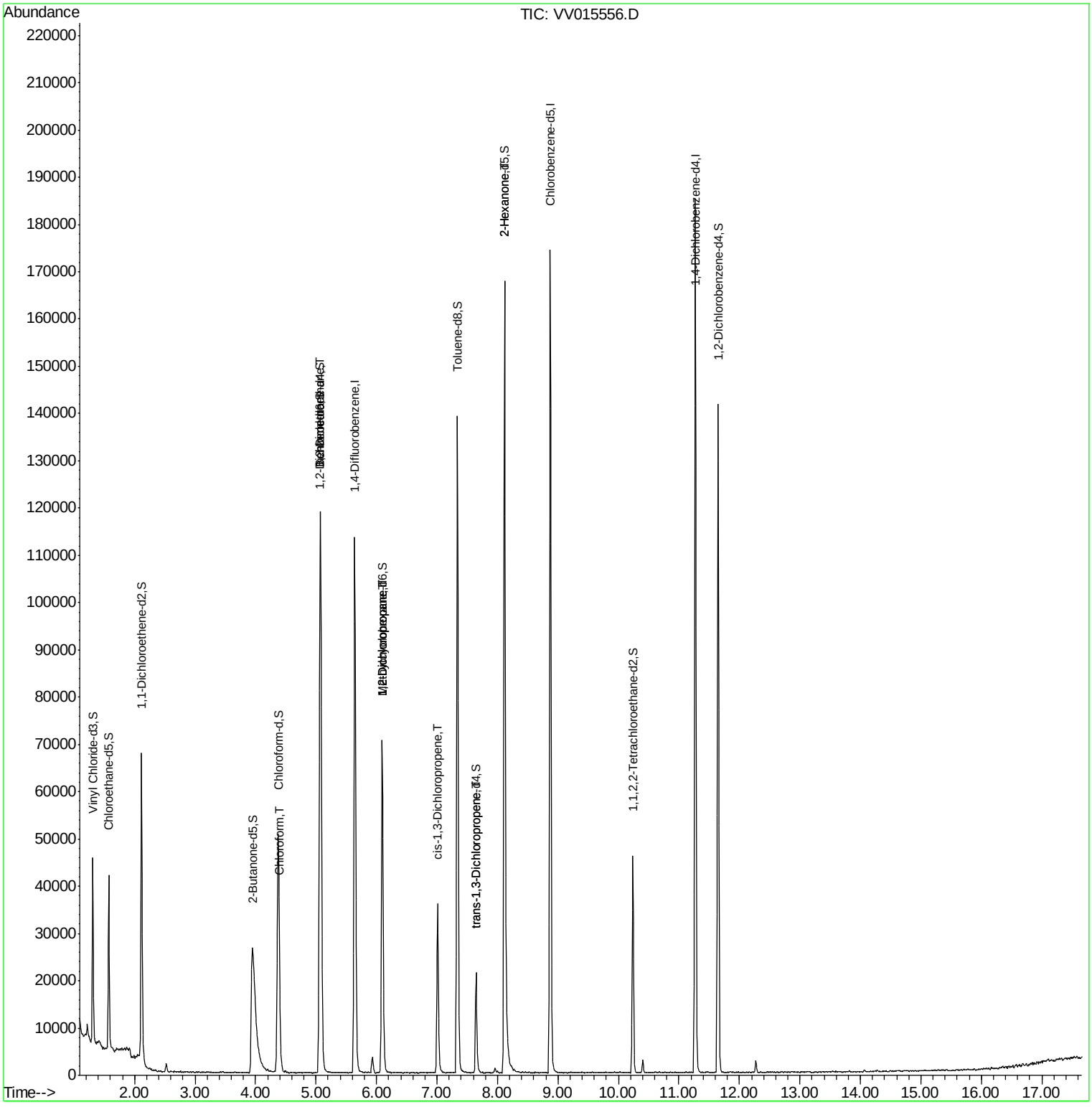
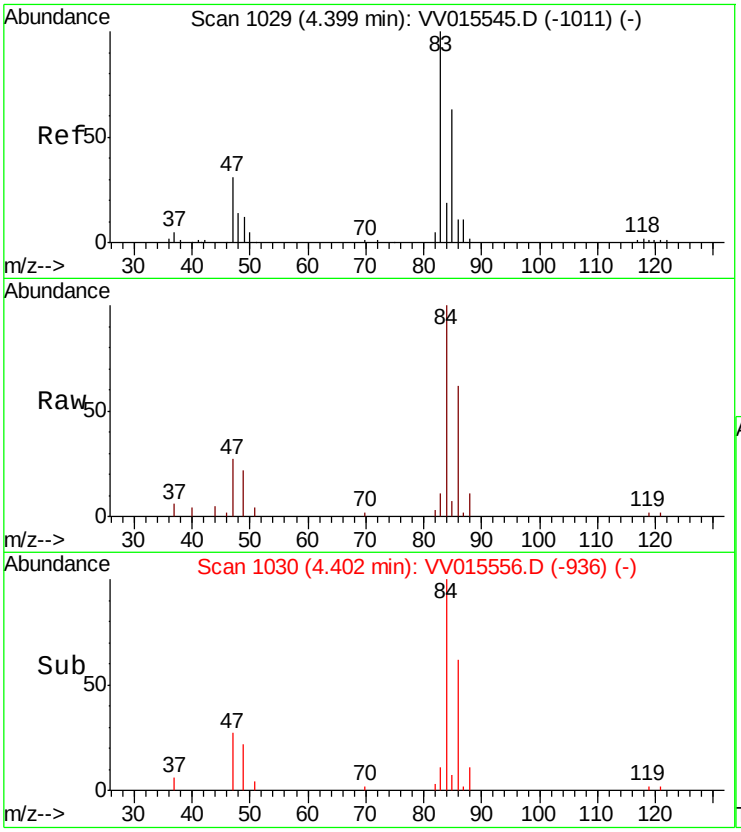
Operator : SY/MD
Sample : L2288-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Apr 18 00:41:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 18 00:37:52 2020
Response via : Initial Calibration



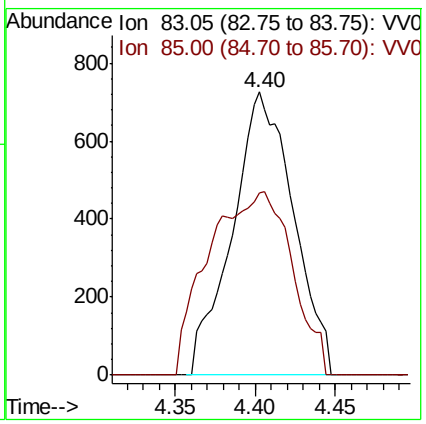


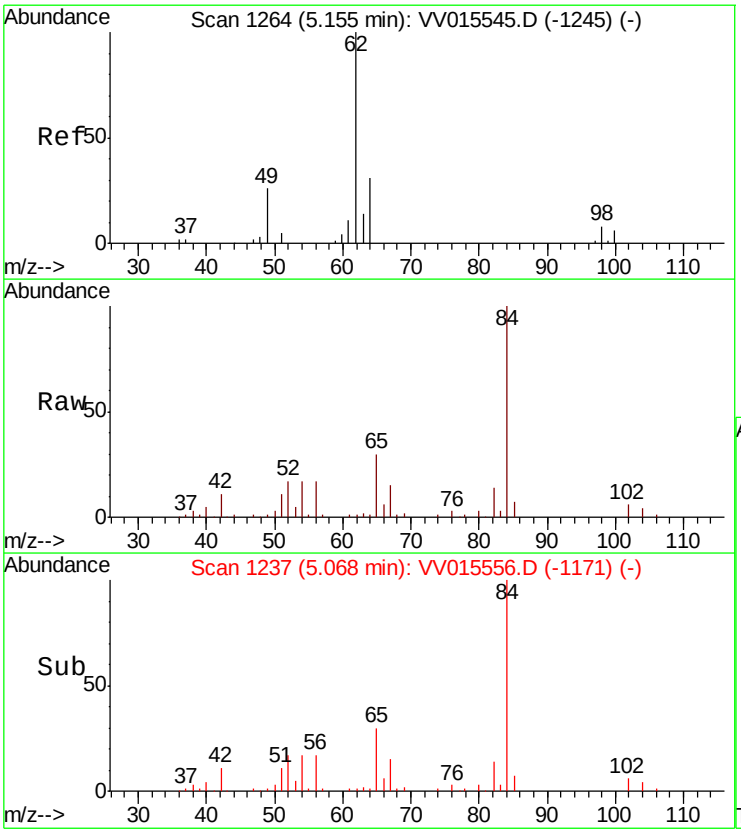

#25
Chloroform
Concen: 0.152 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015556.D
Acq: 17 Apr 2020 15:38

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

Tgt Ion: 83 Resp: 1908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.2 | 45.9 | 85.3 |

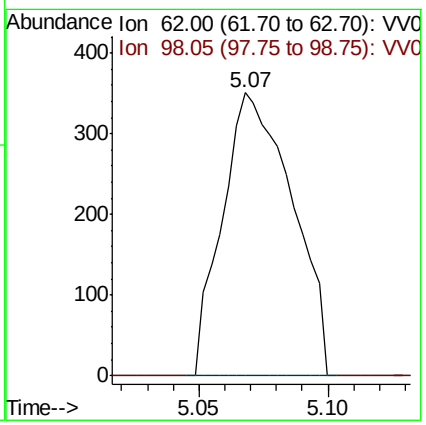


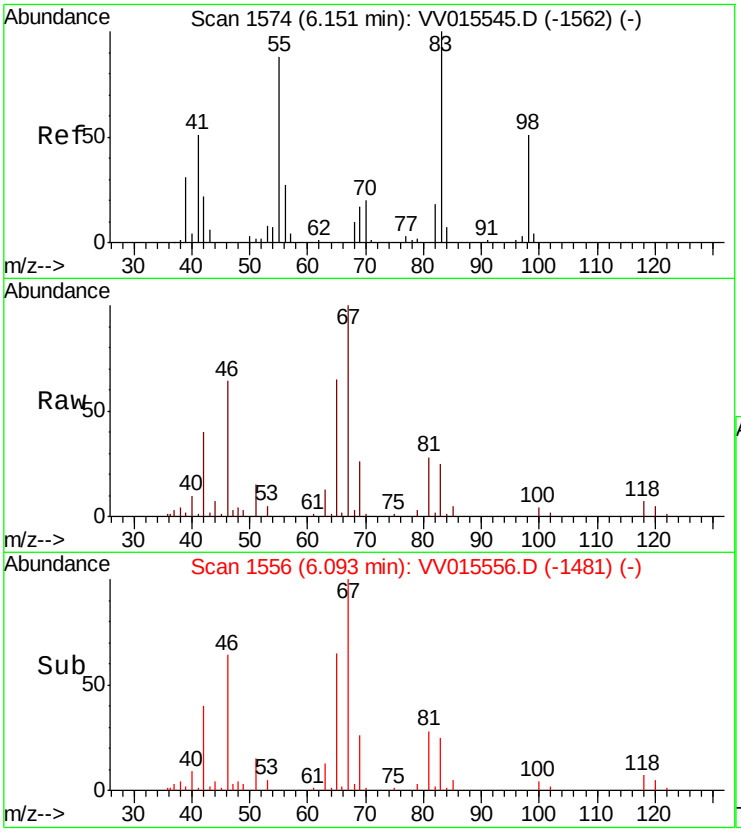




#27
1,2-Dichloroethane
Concen: 0.082 ug/L
RT: 5.07 min Scan# 1237
Delta R.T. -0.09 min
Lab File: VV015556.D
Acq: 17 Apr 2020 15:38

Tgt Ion: 62 Resp: 663

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



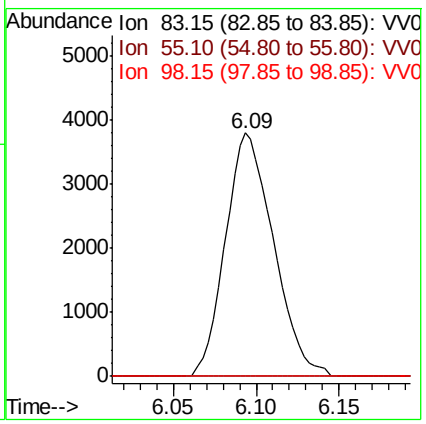


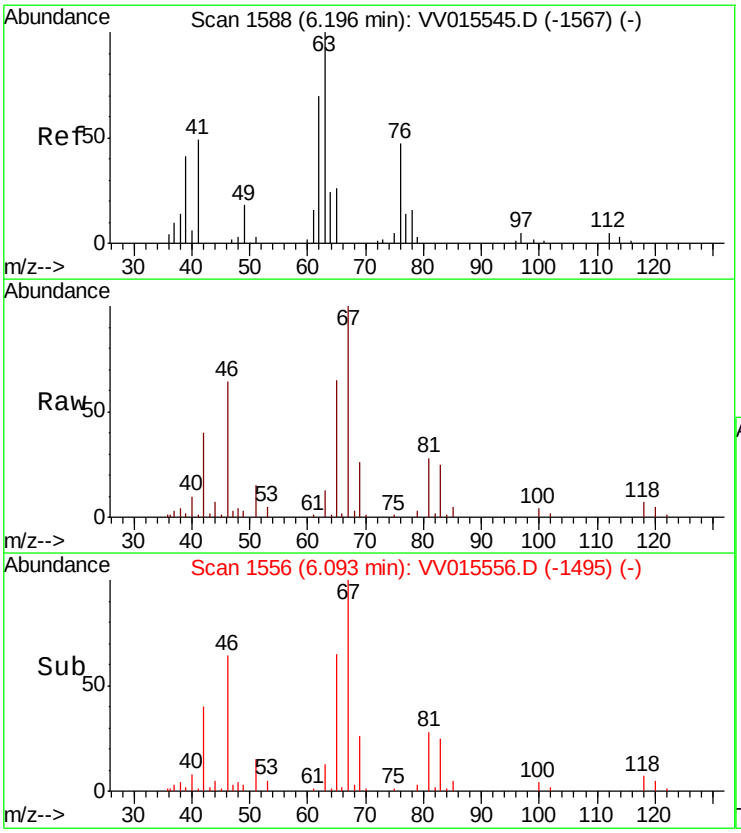

#35
Methylcyclohexane
Concen: 0.649 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015556.D
Acq: 17 Apr 2020 15:38

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

Tgt Ion: 83 Resp: 7661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 66.6 | 99.8# |
| 98 | 3.6 | 38.7 | 58.1# |

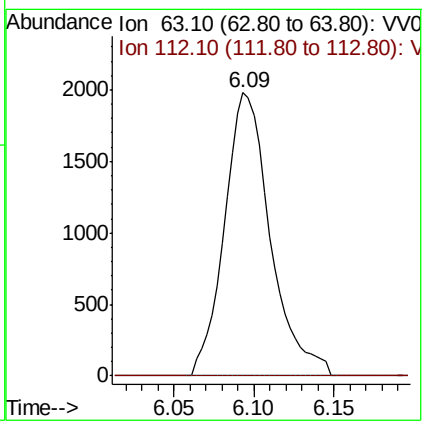


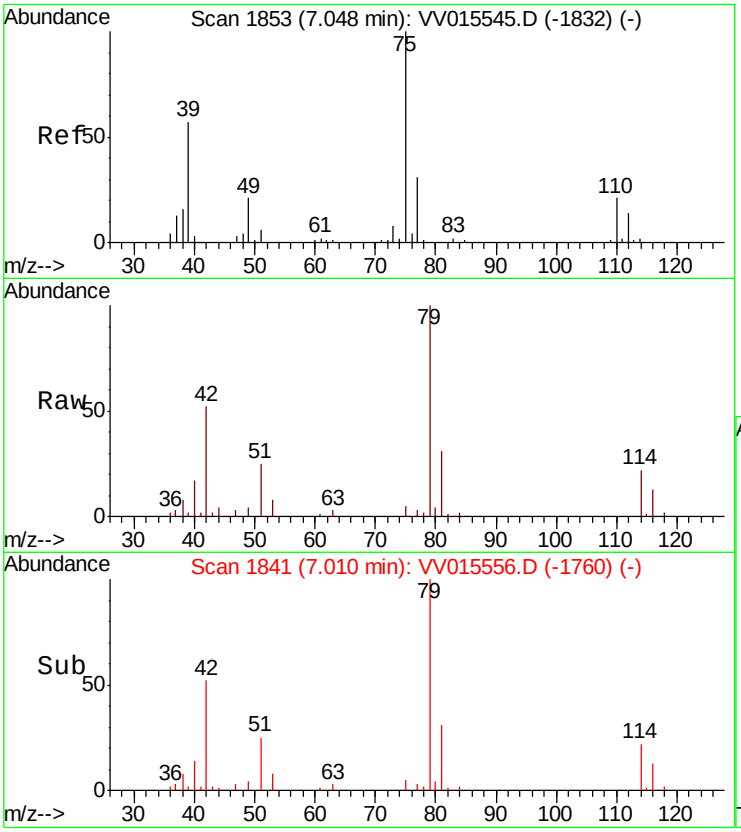




#37
1,2-Dichloropropane
Concen: 0.601 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV015556.D
Acq: 17 Apr 2020 15:38

Tgt Ion: 63 Resp: 3878

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



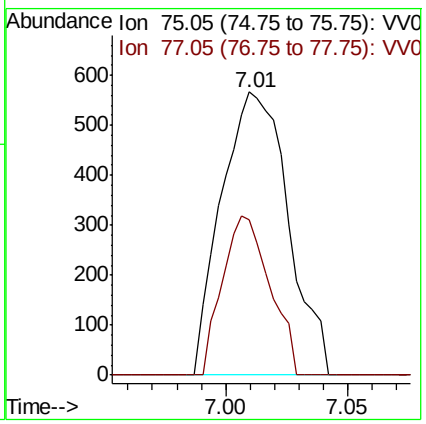


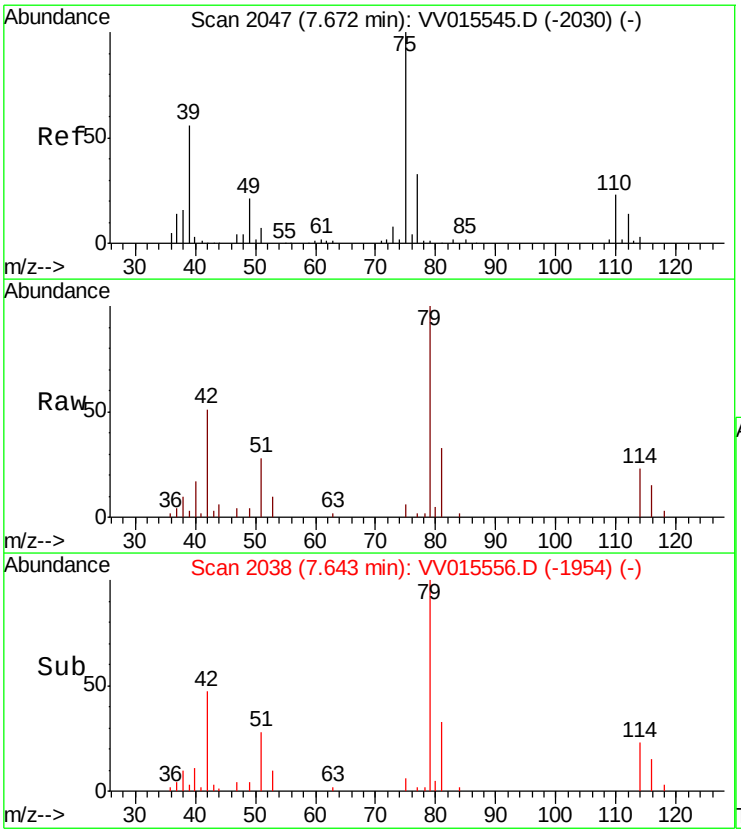

#39
cis-1,3-Dichloropropene
Concen: 0.109 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV015556.D
Acq: 17 Apr 2020 15:38

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

Tgt Ion: 75 Resp: 1075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 54.7 | 23.0 | 42.6# |

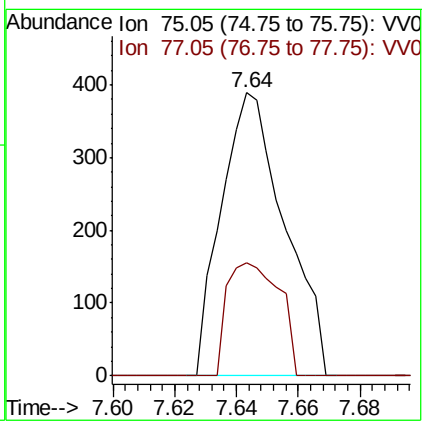


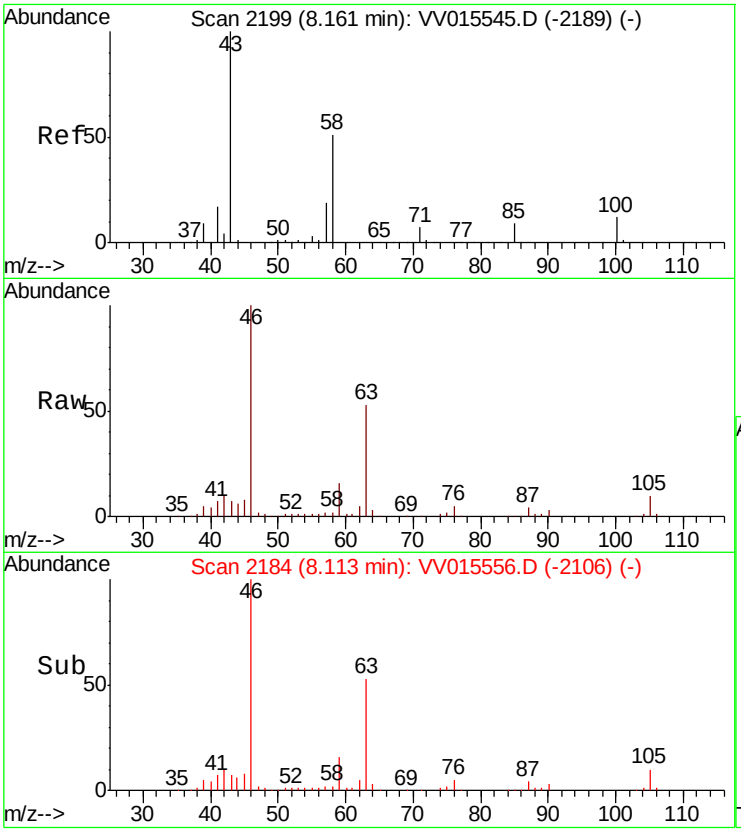




#44
trans-1,3-Dichloropropene
Concen: 0.066 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV015556.D
Acq: 17 Apr 2020 15:38

Tgt Ion: 75 Resp: 555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 40.1 | 21.0 | 39.0# |






#48
2-Hexanone
Concen: 2.749 ug/L
RT: 8.11 min Scan# 2184
Delta R.T. -0.05 min
Lab File: VV015556.D
Acq: 17 Apr 2020 15:38

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

Tgt Ion: 43 Resp: 8138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.8 | 41.4 | 62.0# |
| 57 | 24.4 | 15.0 | 22.4# |
| 100 | 0.0 | 9.4 | 14.2# |