Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050620\
Data File : VV015909.D
Acq On : 06 May 2020 14:56
Operator : SY/MD
Sample : L2519-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: May 07 02:04:15 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 | 109491 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.87 | 117 | 106366 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152 | 51216 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 31954 | 4.75 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 95.00% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 29475 | 4.92 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 98.40% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.12 | 63 | 48908 | 3.61 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 72.20% | | | |
| 20) 2-Butanone-d5 | 3.92 | 46 | 120711 | 69.14 | ug/L | -0.02 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 138.28%# | | | |
| 24) Chloroform-d | 4.38 | 84 | 68353 | 5.18 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 103.60% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.06 | 65 | 44640 | 5.83 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 116.60% | | | |
| 32) Benzene-d6 | 5.08 | 84 | 130734 | 4.91 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 98.20% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.10 | 67 | 41920 | 5.16 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 103.20% | | | |
| 41) Toluene-d8 | 7.34 | 98 | 117055 | 4.72 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 94.40% | | | |
| 43) trans-1,3-Dichloropropene- | 7.64 | 79 | 15684 | 4.91 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 98.20% | | | |
| 46) 2-Hexanone-d5 | 8.11 | 63 | 86440 | 61.13 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 122.26% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24 | 84 | 35205 | 5.99 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 119.80% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.65 | 152 | 44808 | 5.25 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 105.00% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.25 | 50 | 2269 | 0.260 | ug/L | 98 |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.12 | 101 | 517 | 0.080 | ug/L # | 20 |
| 16) Methylene chloride | 2.52 | 84 | 1784 | 0.206 | ug/L | 88 |
| 22) cis-1,2-Dichloroethene | 3.94 | 96 | 969 | 0.135 | ug/L # | 1 |
| 25) Chloroform | 4.40 | 83 | 6521 | 0.455 | ug/L | 97 |
| 27) 1,2-Dichloroethane | 5.08 | 62 | 971 | 0.109 | ug/L # | 76 |
| 35) Methylcyclohexane | 6.10 | 83 | 10545 | 0.850 | ug/L # | 17 |
| 37) 1,2-Dichloropropane | 6.10 | 63 | 5575 | 0.800 | ug/L # | 87 |
| 39) cis-1,3-Dichloropropene | 7.01 | 75 | 1384 | 0.141 | ug/L # | 71 |
| 44) trans-1,3-Dichloropropene | 7.64 | 75 | 944 | 0.114 | ug/L # | 73 |
| 48) 2-Hexanone | 8.16 | 43 | 3748 | 1.207 | ug/L # | 42 |

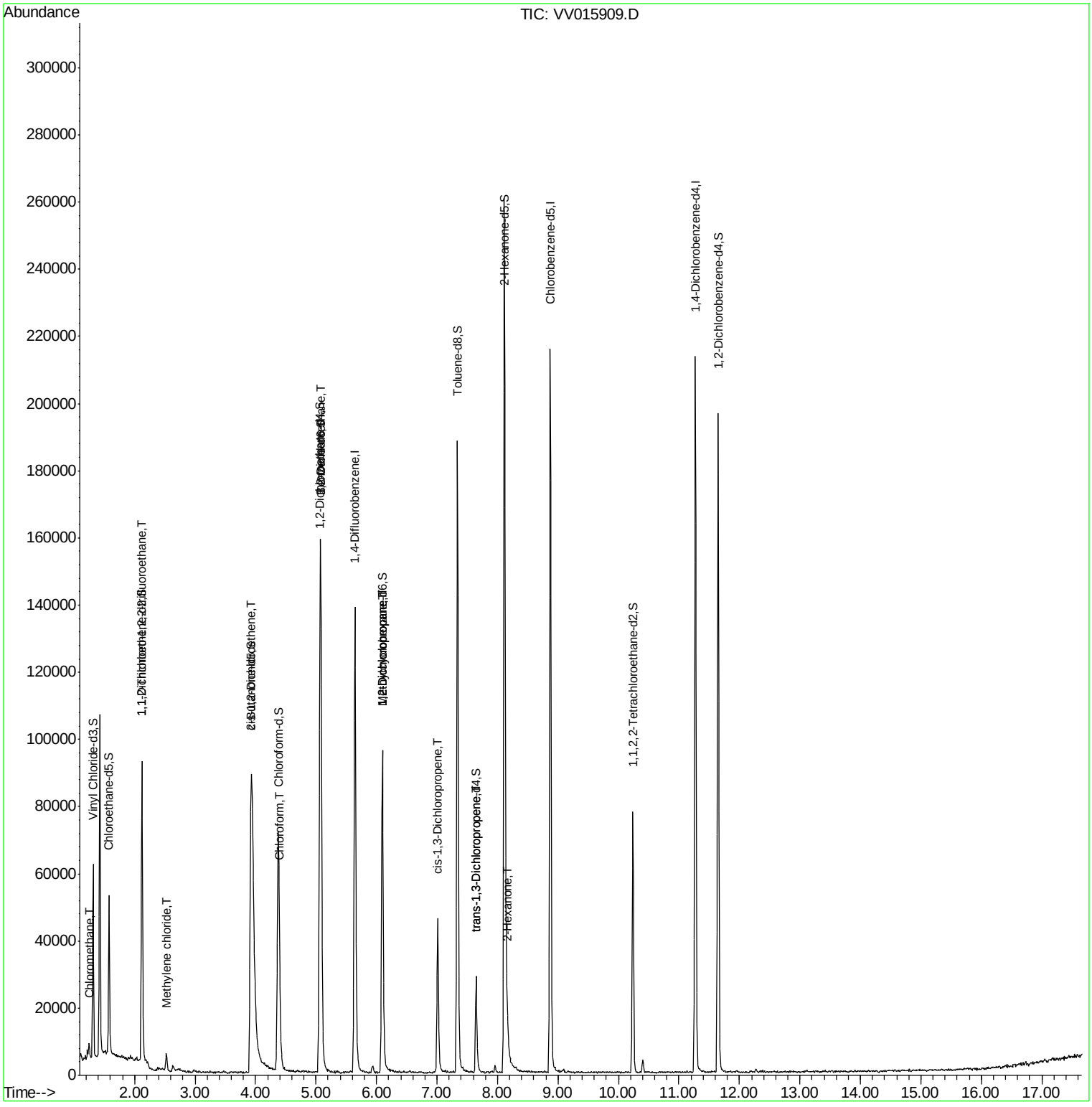
(#) = qualifier out of range (m) = manual integration (+) = signals summed

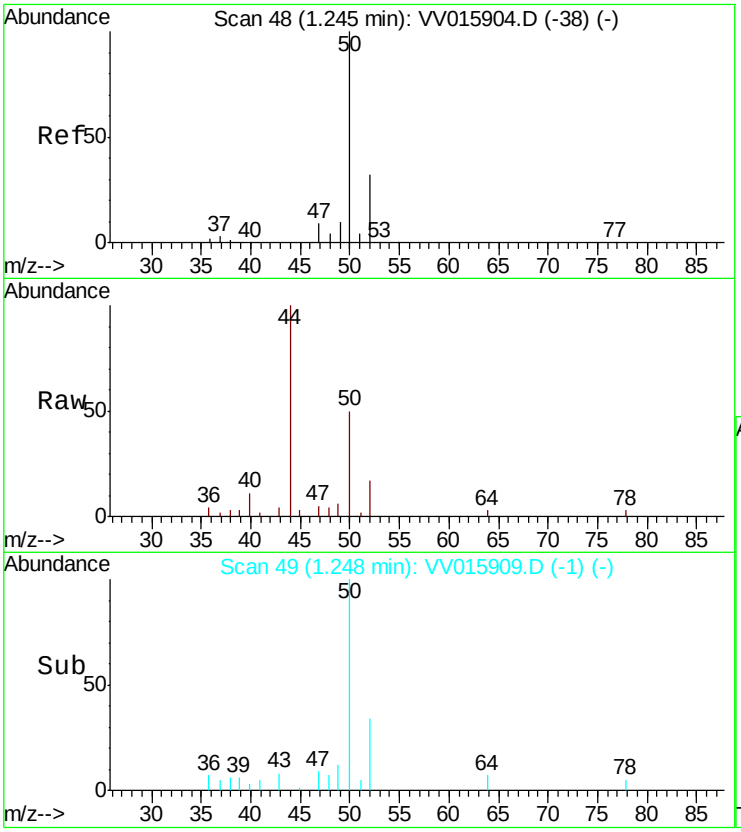
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050620\
Data File : VV015909.D
Acq On : 06 May 2020 14:56
Operator : SY/MD
Sample : L2519-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: May 07 02:04:15 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



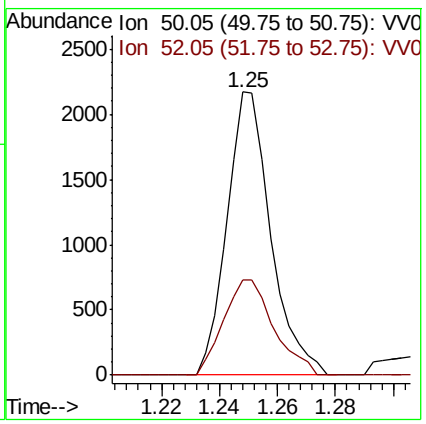


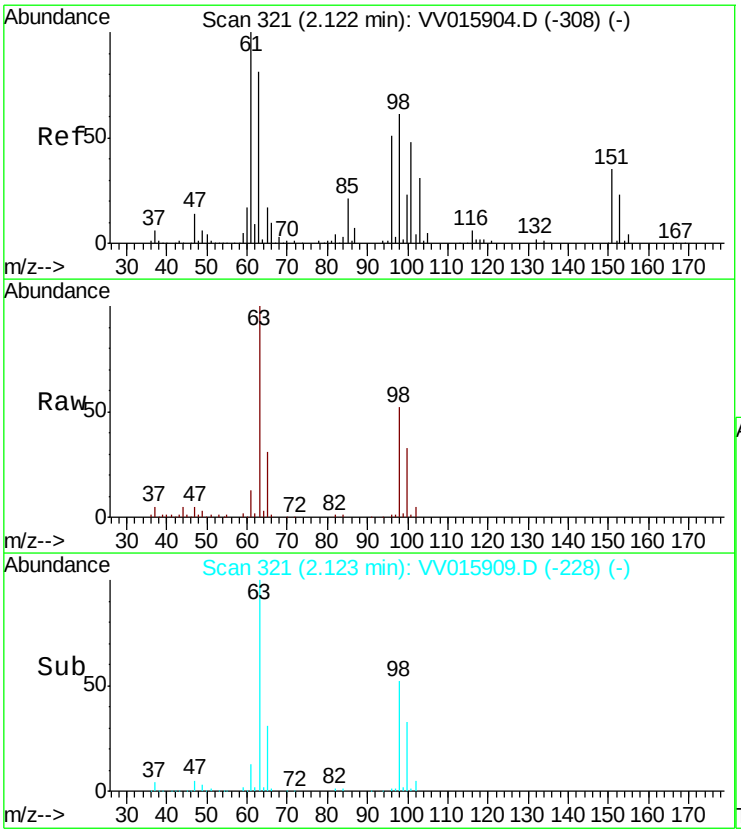

#3
Chloromethane
Concen: 0.260 ug/L
RT: 1.25 min Scan# 49
Delta R.T. 0.00 min
Lab File: VV015909.D
Acq: 06 May 2020 14:56

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

Tgt Ion: 50 Resp: 2269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.7 | 22.8 | 42.4 |

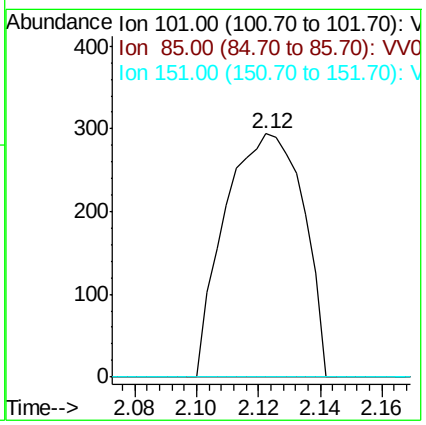


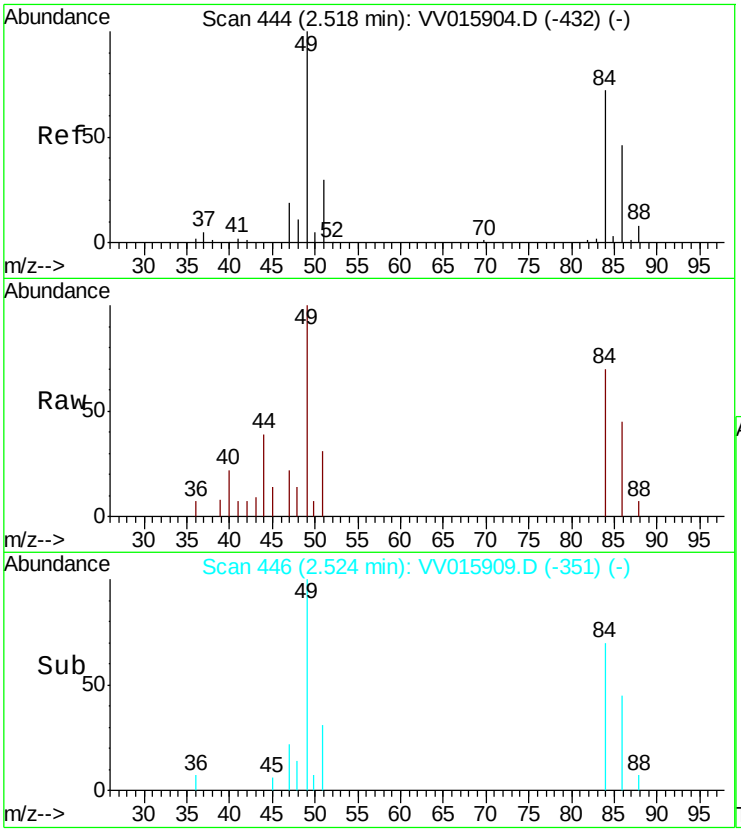




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.080 ug/L
RT: 2.12 min Scan# 321
Delta R.T. 0.00 min
Lab File: VV015909.D
Acq: 06 May 2020 14:56

Tgt Ion:101 Resp: 517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 0.0 | 35.7 | 53.5# |
| 151 | 0.0 | 58.0 | 87.0# |



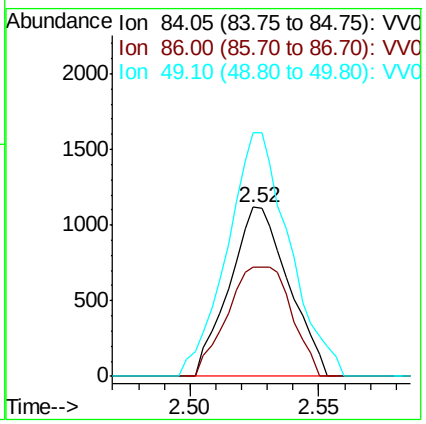


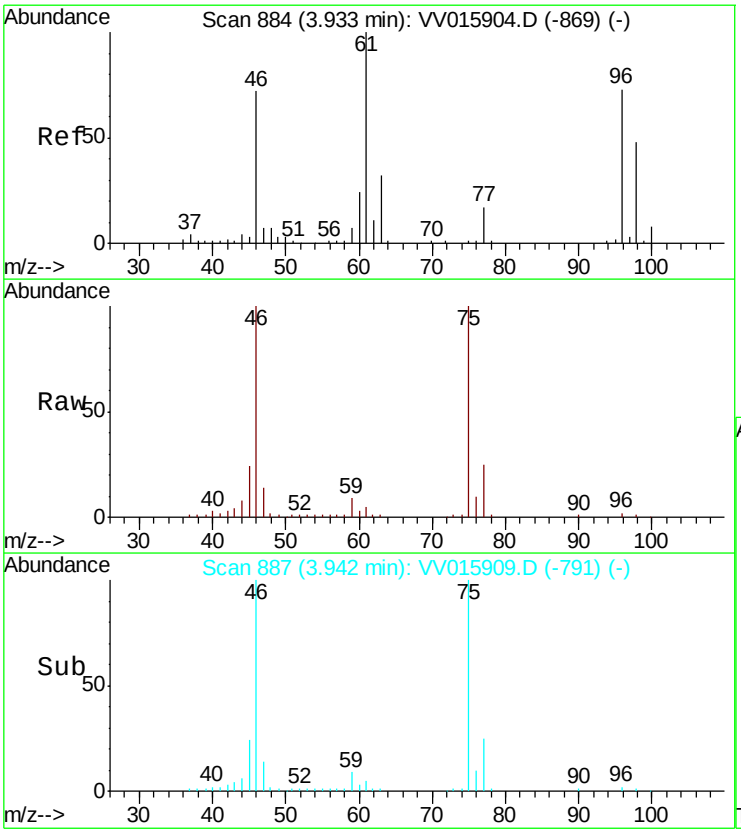

#16
Methylene chloride
Concen: 0.206 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.01 min
Lab File: VV015909.D
Acq: 06 May 2020 14:56

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

Tgt Ion: 84 Resp: 1784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 64.8 | 45.6 | 84.8 |
| 49 | 154.3 | 93.6 | 173.8 |

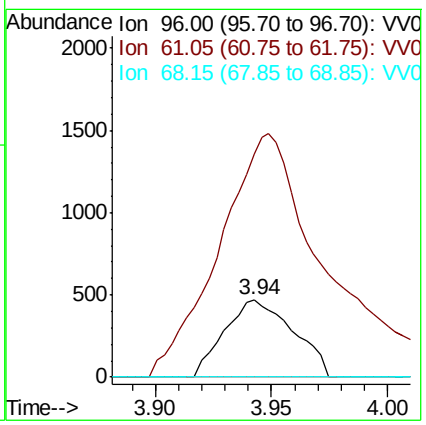


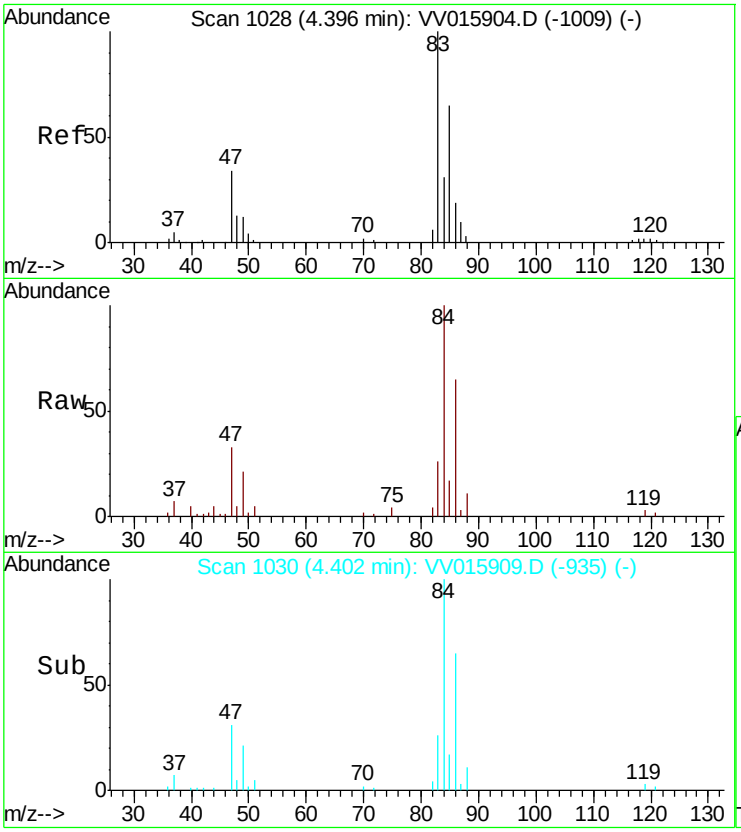




#22
cis-1,2-Dichloroethene
Concen: 0.135 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV015909.D
Acq: 06 May 2020 14:56

Tgt Ion: 96 Resp: 969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 288.1 | 97.2 | 180.6# |
| 68 | 0.0 | 0.0 | 0.0 |



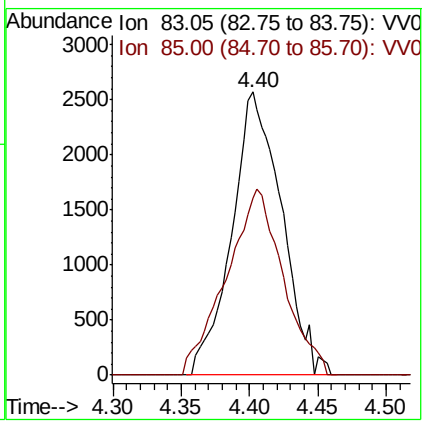


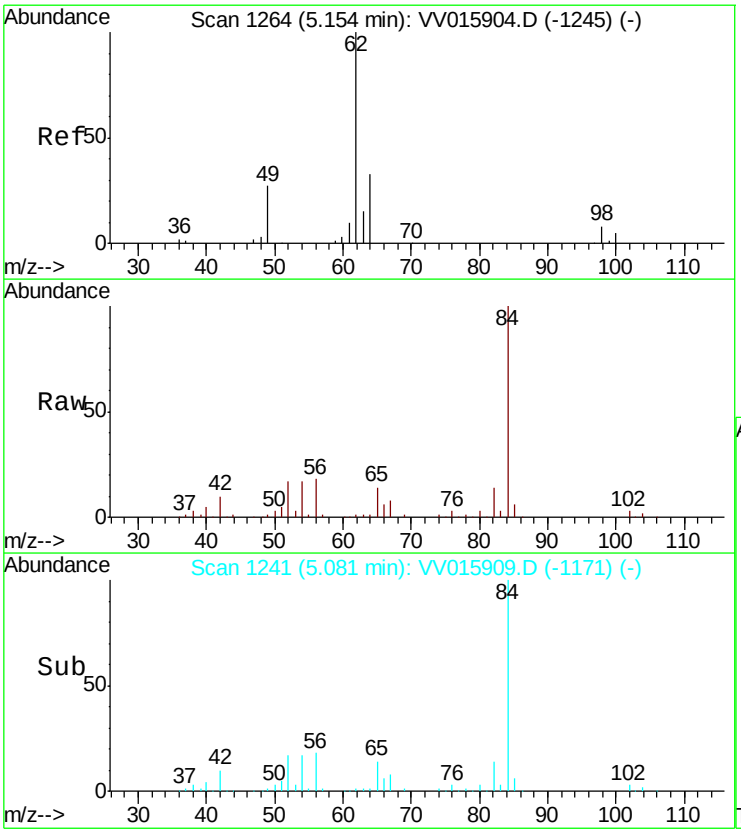

#25
Chloroform
Concen: 0.455 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.01 min
Lab File: VV015909.D
Acq: 06 May 2020 14:56

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

Tgt Ion: 83 Resp: 6521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.8 | 45.7 | 84.9 |

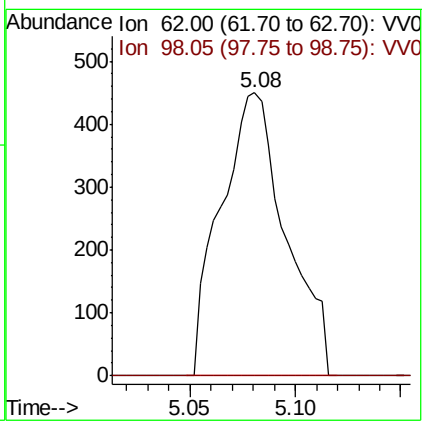


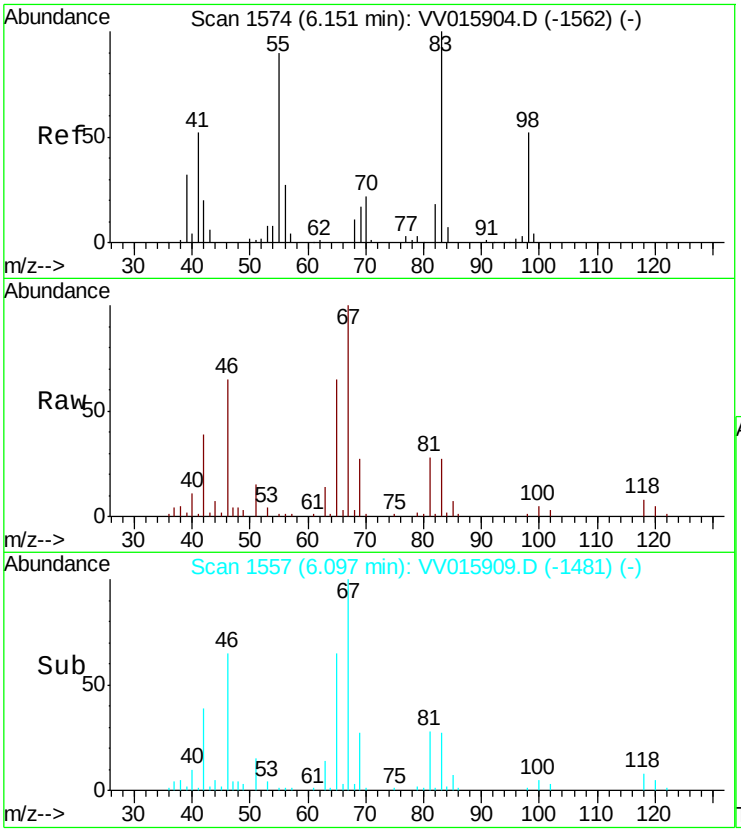




#27
1,2-Dichloroethane
Concen: 0.109 ug/L
RT: 5.08 min Scan# 1241
Delta R.T. -0.07 min
Lab File: VV015909.D
Acq: 06 May 2020 14:56

Tgt Ion: 62 Resp: 971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 0.0 | 6.7 | 10.1# |



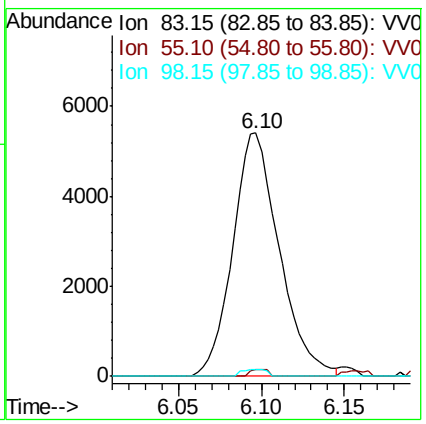


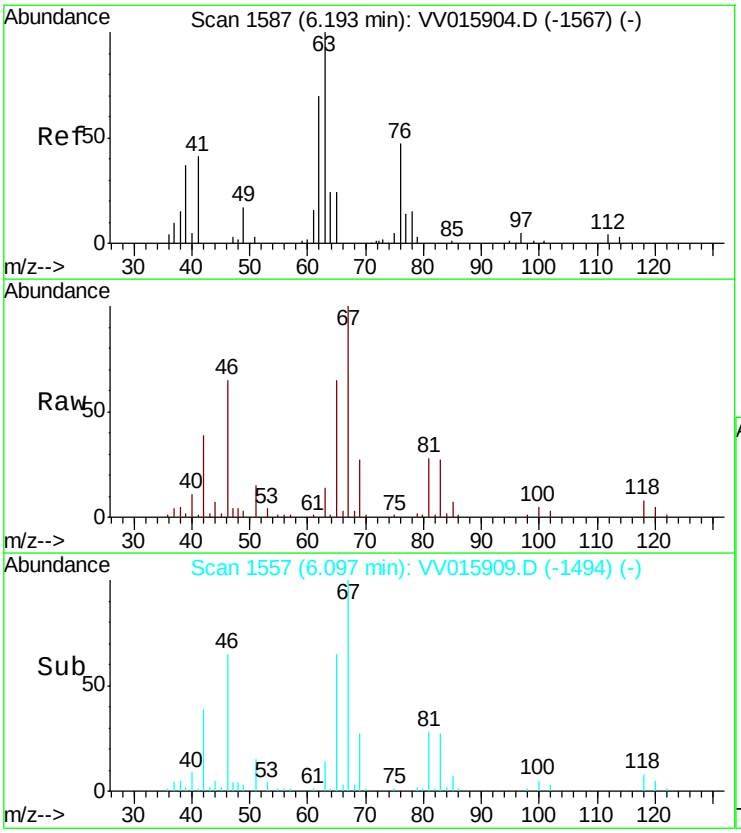

#35
Methylcyclohexane
Concen: 0.850 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015909.D
Acq: 06 May 2020 14:56

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

Tgt Ion: 83 Resp: 10545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 1.0 | 66.2 | 99.2# |
| 98 | 1.5 | 37.9 | 56.9# |

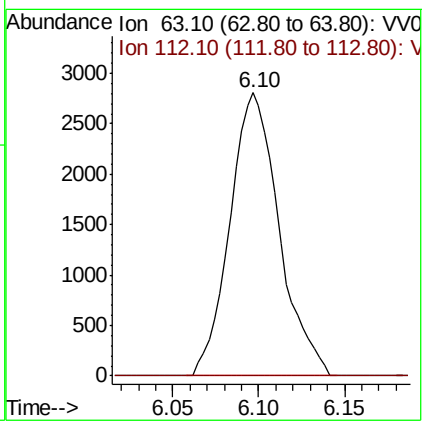


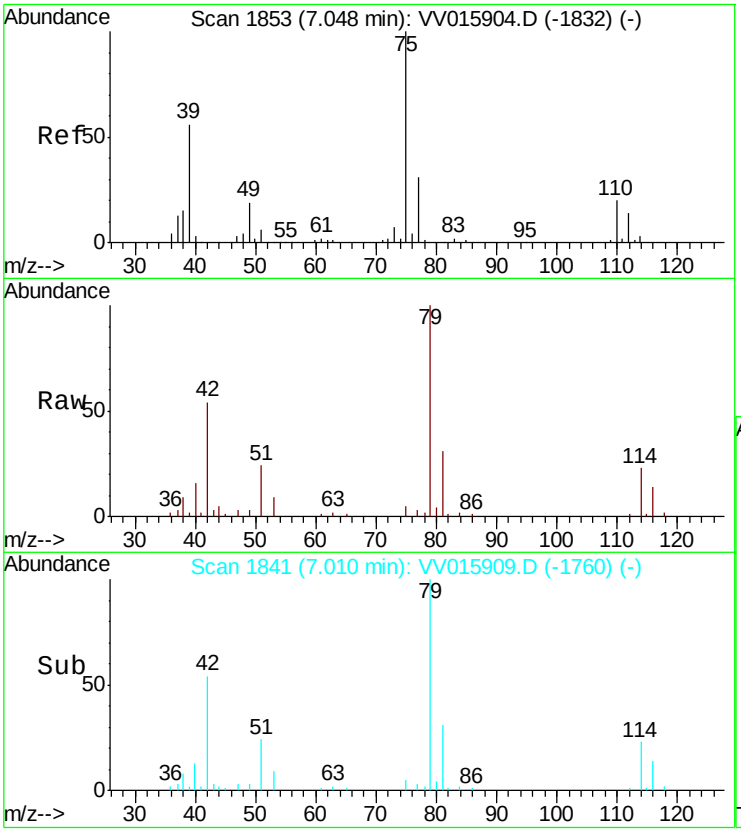




#37
1,2-Dichloropropane
Concen: 0.800 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015909.D
Acq: 06 May 2020 14:56

Tgt Ion: 63 Resp: 5575

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



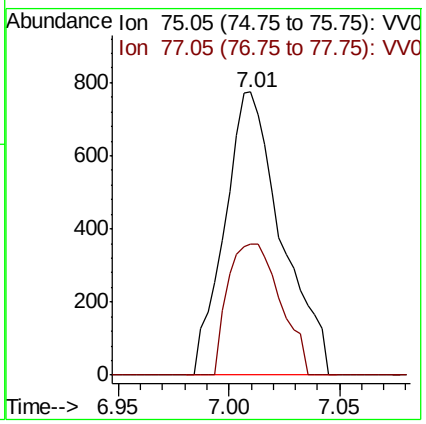


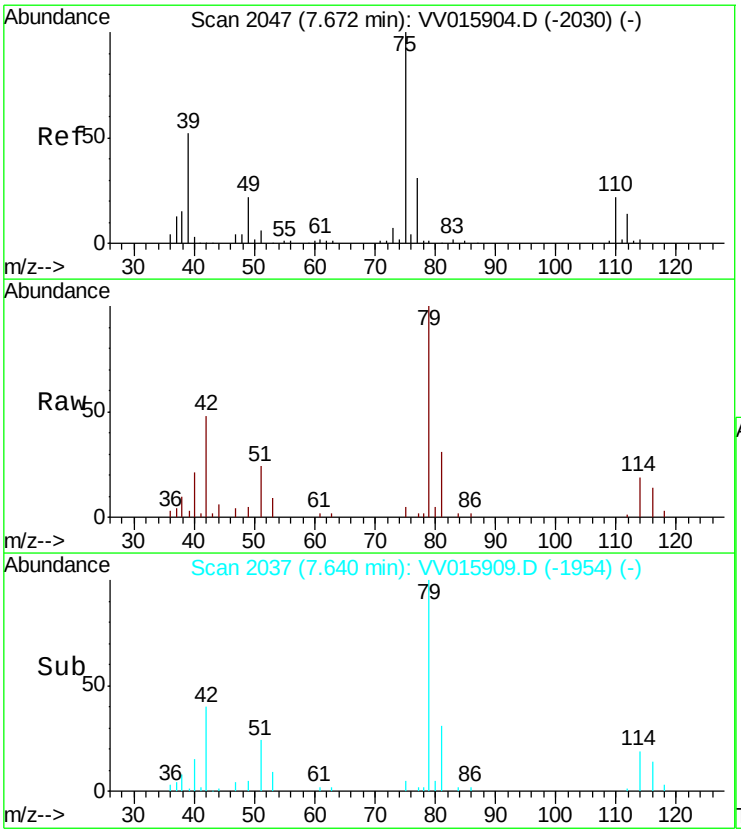

#39
cis-1,3-Dichloropropene
Concen: 0.141 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV015909.D
Acq: 06 May 2020 14:56

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

Tgt Ion: 75 Resp: 1384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 46.4 | 21.3 | 39.5# |

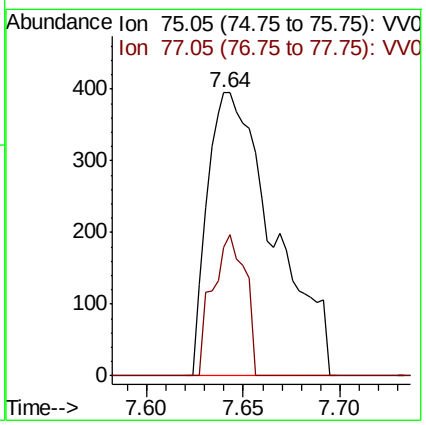


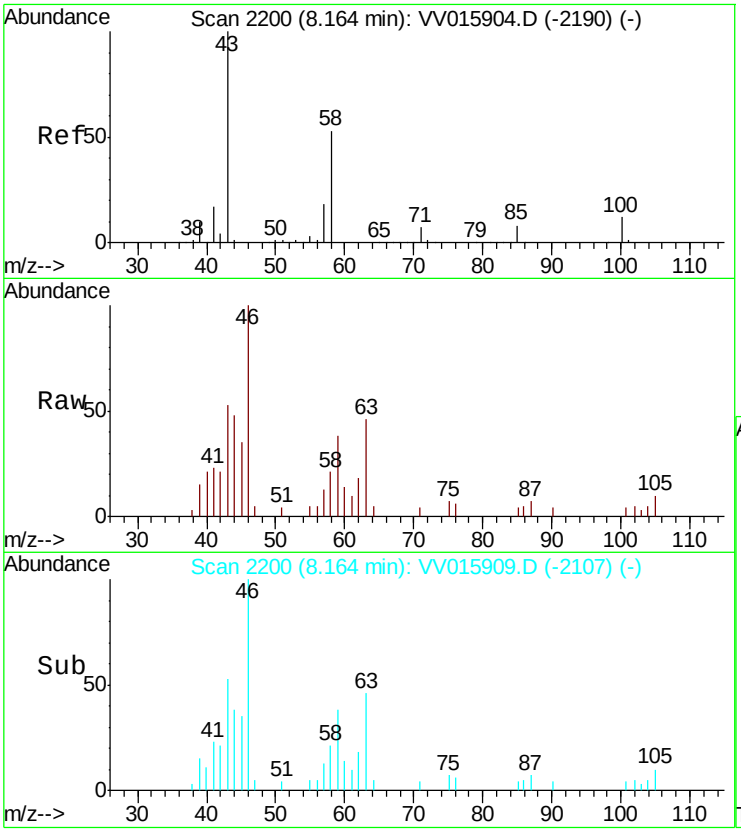




#44
trans-1,3-Dichloropropene
Concen: 0.114 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. -0.03 min
Lab File: VV015909.D
Acq: 06 May 2020 14:56

Tgt Ion: 75 Resp: 944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 45.3 | 21.3 | 39.6# |






#48
2-Hexanone
Concen: 1.207 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.00 min
Lab File: VV015909.D
Acq: 06 May 2020 14:56

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

Tgt Ion: 43 Resp: 3748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 40.8 | 61.2# |
| 57 | 0.0 | 14.7 | 22.1# |
| 100 | 4.4 | 9.0 | 13.6# |