Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112619\
Data File : VV013784.D
Acq On : 26 Nov 2019 13:52
Operator : SY/MD
Sample : K5993-06 50X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Nov 27 01:21:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 01:18:04 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.66 | 114 | 346324 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.89 | 117 | 347568 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152 | 152576 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 84076 | 3.92 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 78.40% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 80629 | 4.43 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 88.60% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.12 | 63 | 121820 | 3.38 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 67.60% | | | |
| 20) 2-Butanone-d5 | 3.96 | 46 | 229299 | 51.46 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 102.92% | | | |
| 24) Chloroform-d | 4.40 | 84 | 192823 | 4.46 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 89.20% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.08 | 65 | 102619 | 4.99 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 99.80% | | | |
| 32) Benzene-d6 | 5.09 | 84 | 380010 | 4.24 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 84.80% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.11 | 67 | 123237 | 4.61 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 92.20% | | | |
| 41) Toluene-d8 | 7.36 | 98 | 319723 | 3.80 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 76.00% | | | |
| 43) trans-1,3-Dichloropropene- | 7.66 | 79 | 42550 | 4.09 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 81.80% | | | |
| 46) 2-Hexanone-d5 | 8.14 | 63 | 173127 | 45.12 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 90.24% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26 | 84 | 89510 | 4.83 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 96.60% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.67 | 152 | 133228 | 4.95 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 99.00% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.12 | 101 | 1482 | 0.078 | ug/L # | 18 |
| 12) 1,1-Dichloroethene | 2.13 | 96 | 2226 | 0.134 | ug/L # | 1 |
| 13) Acetone | 2.22 | 43 | 3587 | 1.151 | ug/L | 80 |
| 16) Methylene chloride | 2.53 | 84 | 2473 | 0.108 | ug/L | 95 |
| 25) Chloroform | 4.42 | 83 | 13405 | 0.337 | ug/L | 88 |
| 27) 1,2-Dichloroethane | 5.10 | 62 | 2249 | 0.099 | ug/L | 95 |
| 35) Methylcyclohexane | 6.12 | 83 | 30876 | 0.984 | ug/L # | 20 |
| 37) 1,2-Dichloropropane | 6.11 | 63 | 13917 | 0.635 | ug/L # | 84 |
| 44) trans-1,3-Dichloropropene | 7.67 | 75 | 1859 | 0.076 | ug/L | 91 |
| 48) 2-Hexanone | 8.14 | 43 | 21224 | 2.326 | ug/L # | 71 |

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

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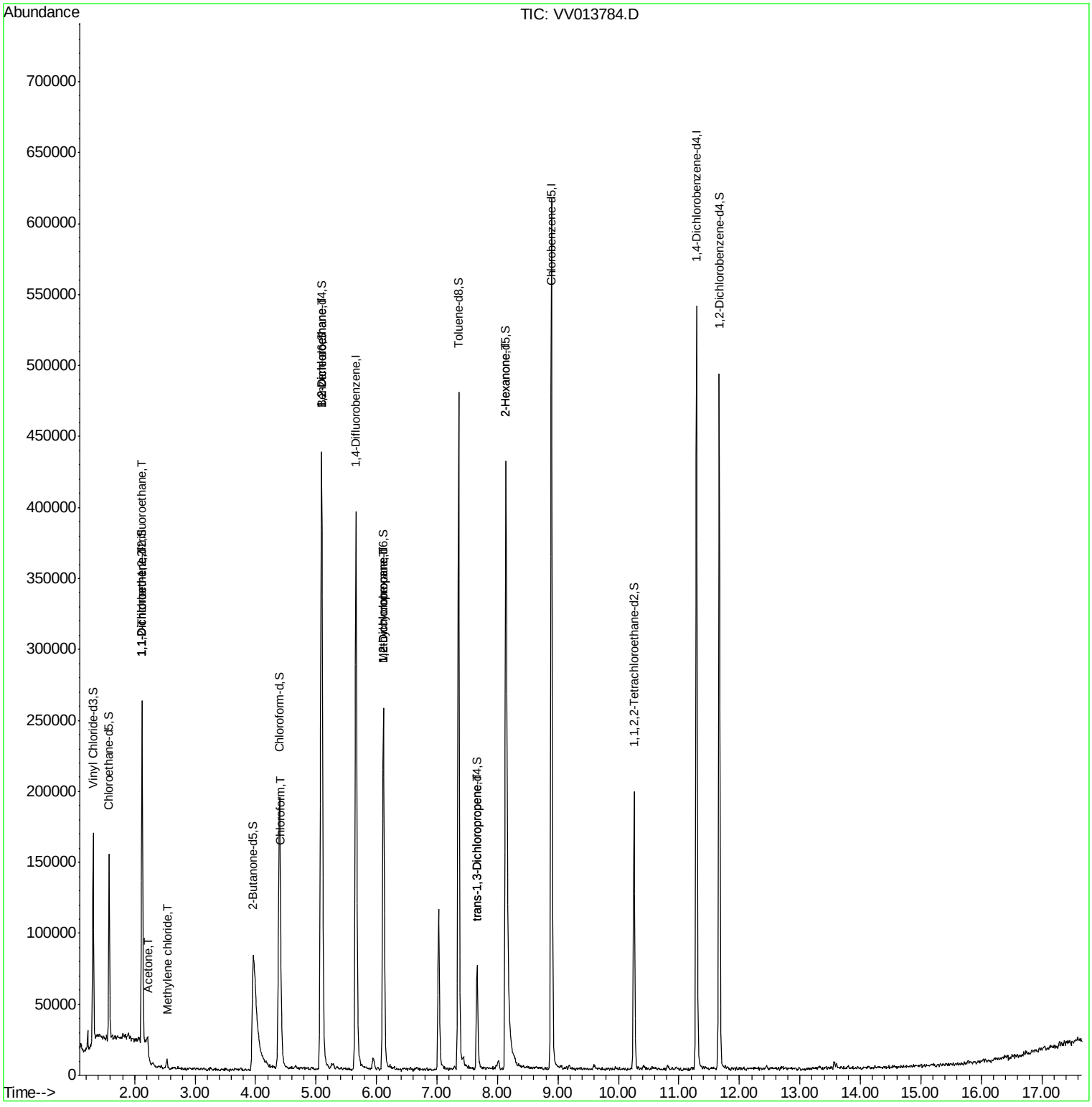
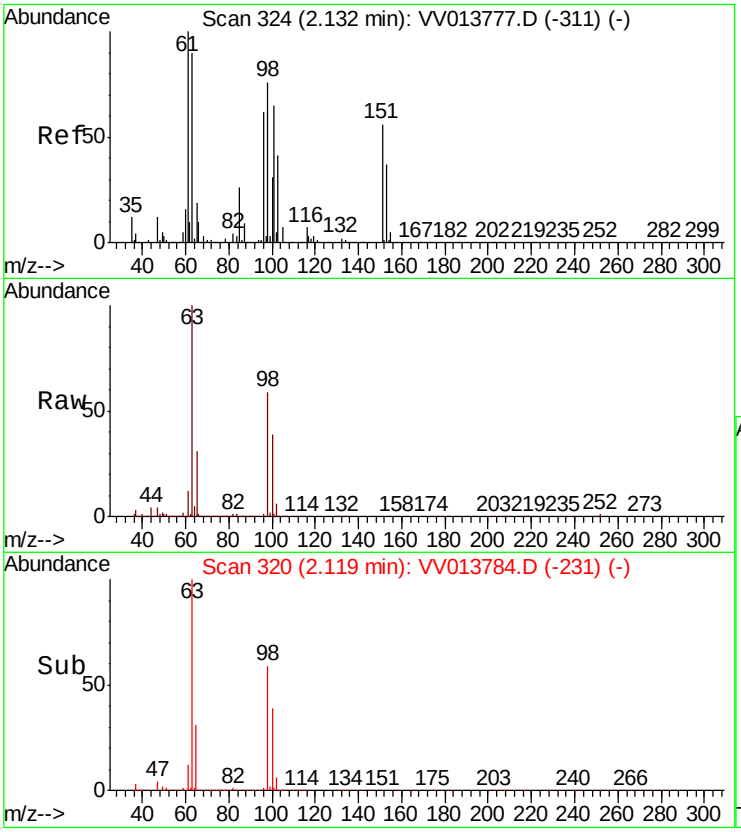
Sample : K5993-06 50X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Nov 27 01:21:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 01:18:04 2019
Response via : Initial Calibration



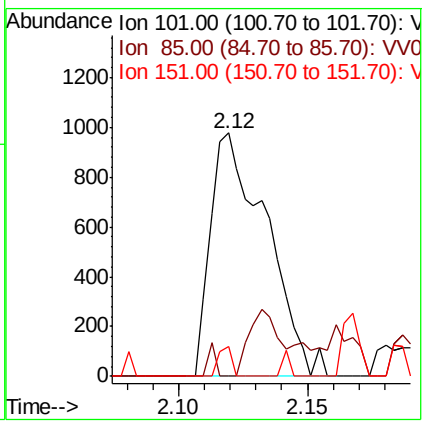


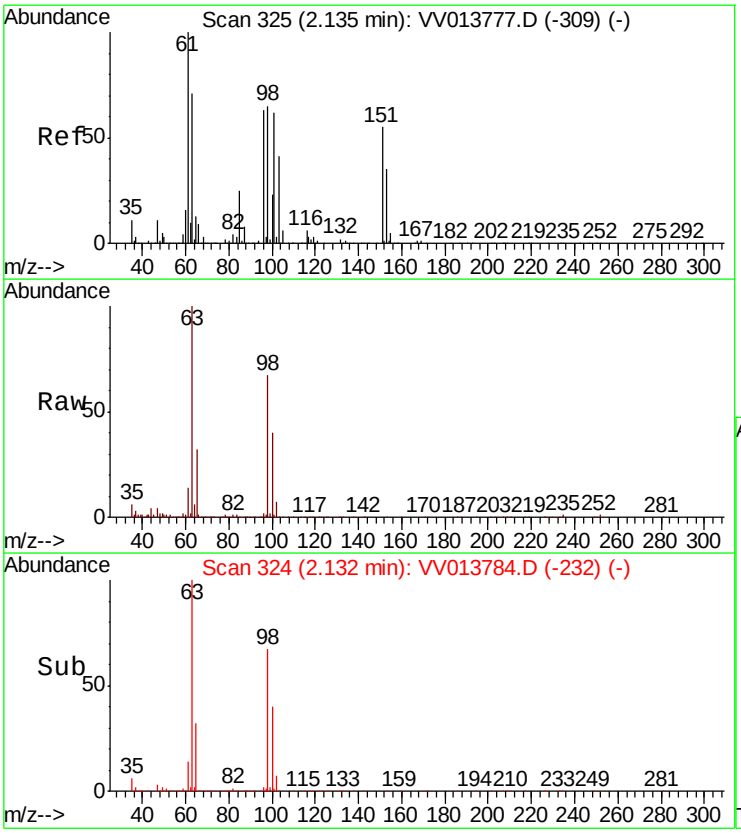

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.078 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.01 min
Lab File: VV013784.D
Acq: 26 Nov 2019 13:52

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

Tgt Ion:101 Resp: 1482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 1.8 | 33.4 | 50.0# |
| 151 | 2.9 | 69.4 | 104.0# |

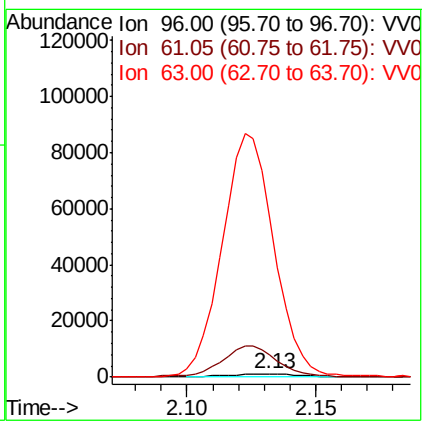


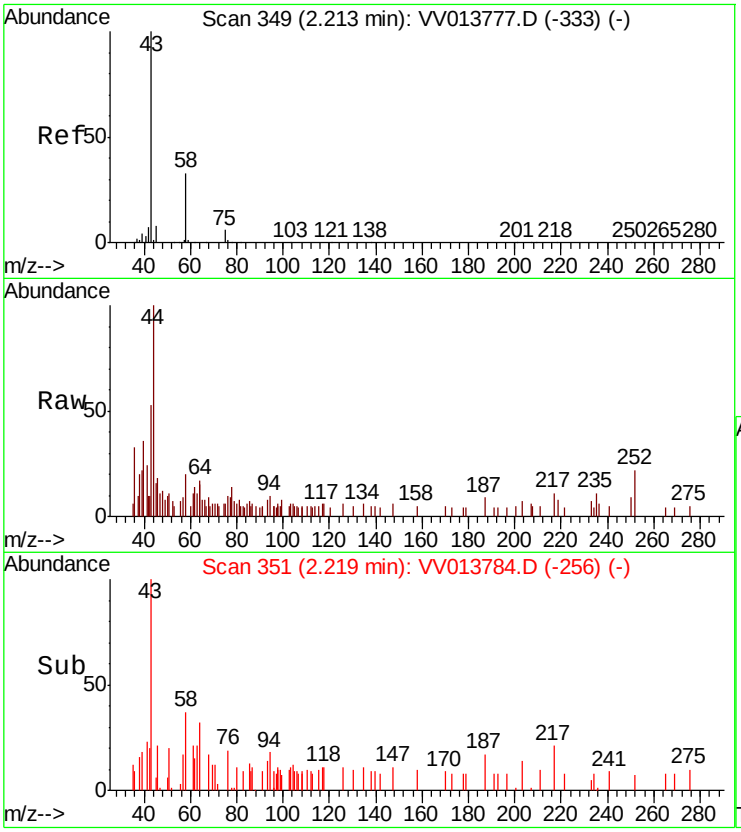




#12
1,1-Dichloroethene
Concen: 0.134 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV013784.D
Acq: 26 Nov 2019 13:52

Tgt Ion: 96 Resp: 2226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 630.6 | 116.3 | 215.9# |
| 63 | 4507.6 | 96.7 | 179.7# |



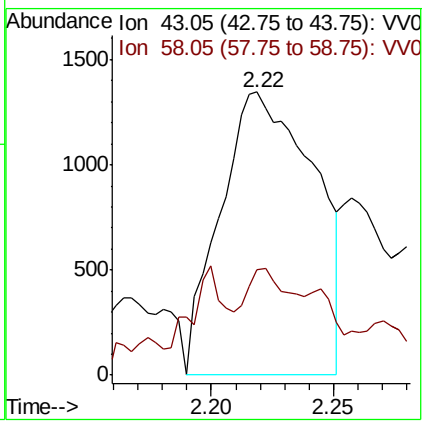


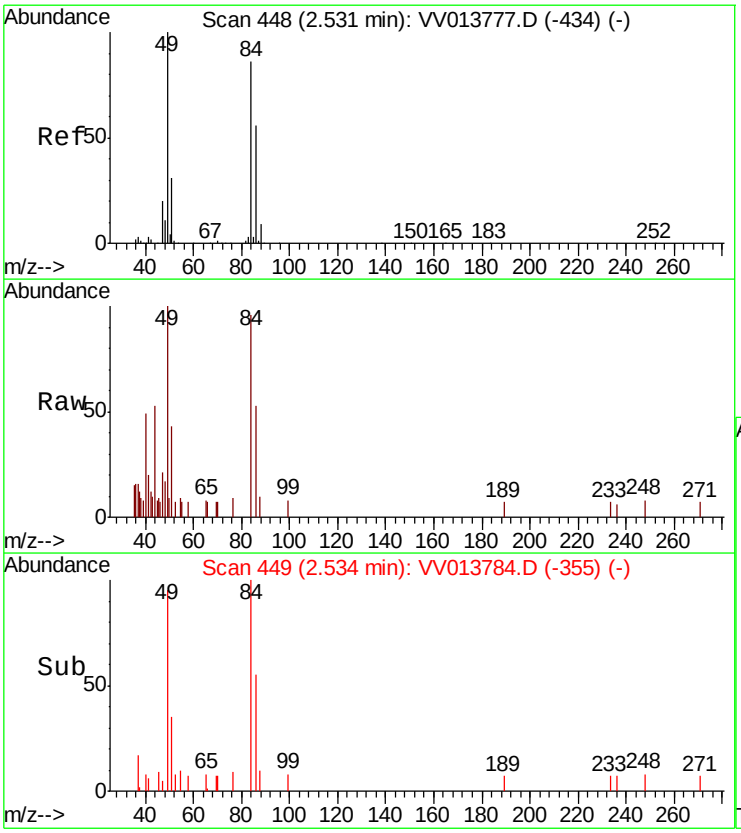

#13
Acetone
Concen: 1.151 ug/L
RT: 2.22 min Scan# 351
Delta R.T. 0.01 min
Lab File: VV013784.D
Acq: 26 Nov 2019 13:52

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

Tgt Ion: 43 Resp: 3587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 5.6 | 0.0 | 27.2 |

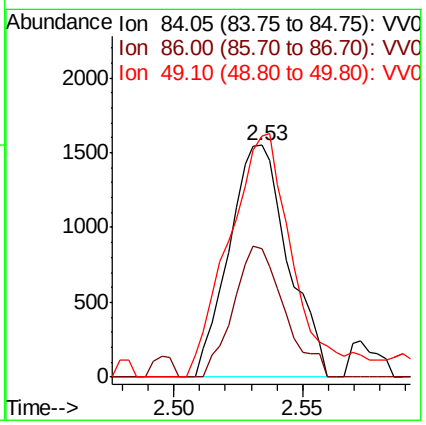


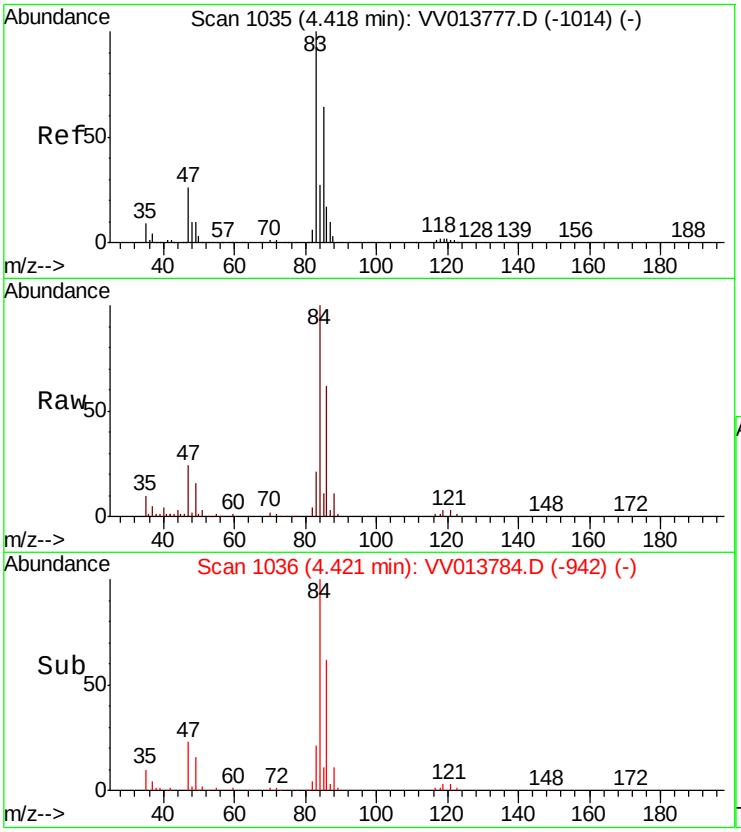




#16
Methylene chloride
Concen: 0.108 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV013784.D
Acq: 26 Nov 2019 13:52

Tgt Ion: 84 Resp: 2473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 55.4 | 44.0 | 81.6 |
| 49 | 113.2 | 81.5 | 151.5 |



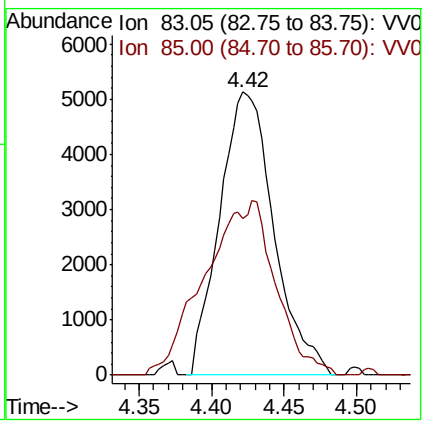


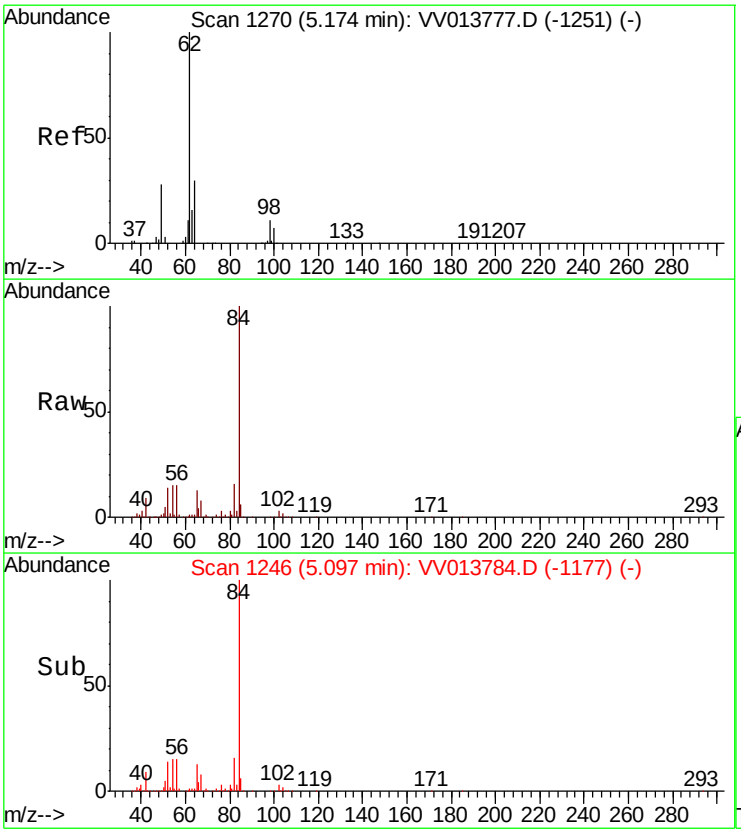

#25
Chloroform
Concen: 0.337 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV013784.D
Acq: 26 Nov 2019 13:52

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

Tgt Ion: 83 Resp: 13405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 55.3 | 45.1 | 83.7 |

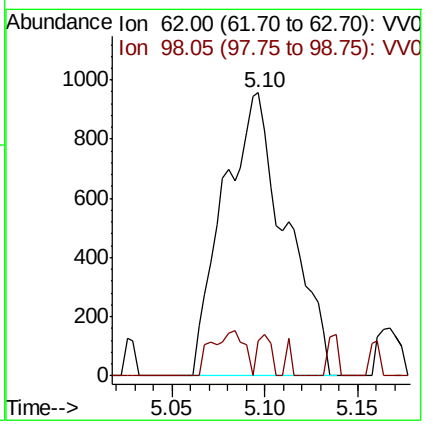


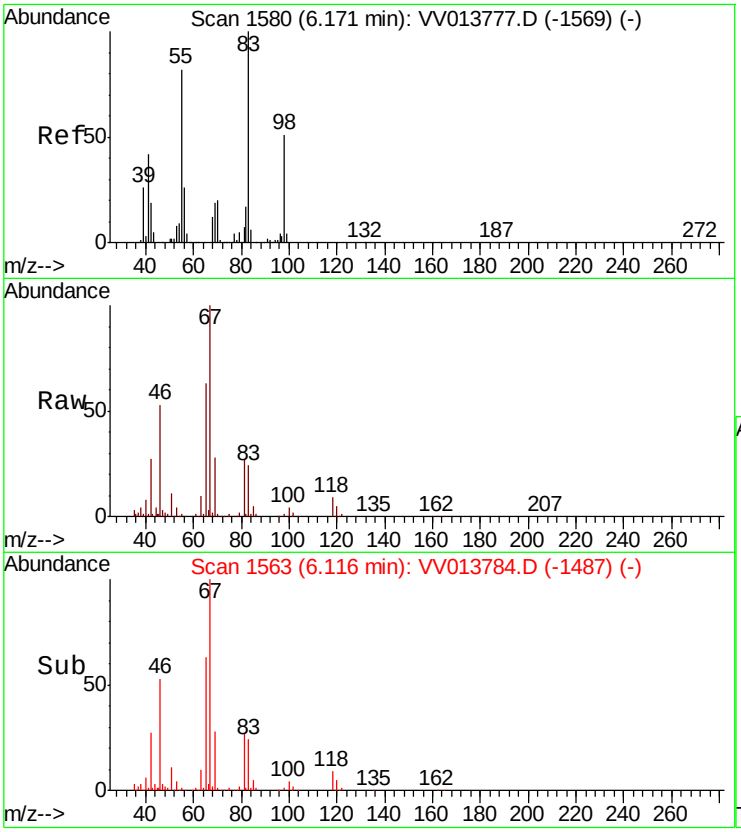




#27
1,2-Dichloroethane
Concen: 0.099 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.08 min
Lab File: VV013784.D
Acq: 26 Nov 2019 13:52

Tgt Ion: 62 Resp: 2249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 12.2 | 8.2 | 12.2 |



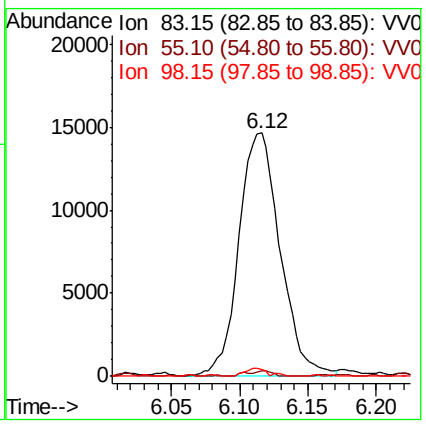


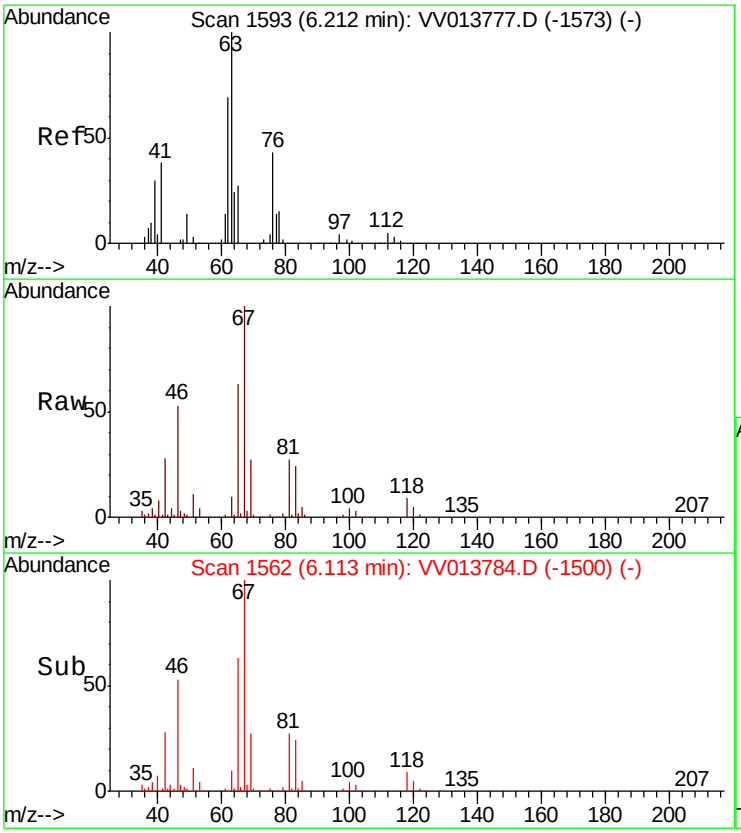

#35
Methylcyclohexane
Concen: 0.984 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV013784.D
Acq: 26 Nov 2019 13:52

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

Tgt Ion: 83 Resp: 30876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 1.4 | 60.3 | 90.5# |
| 98 | 1.5 | 38.1 | 57.1# |

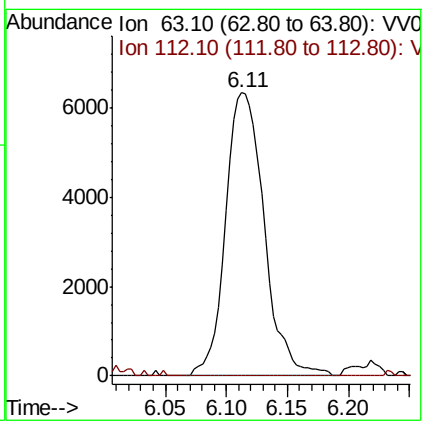


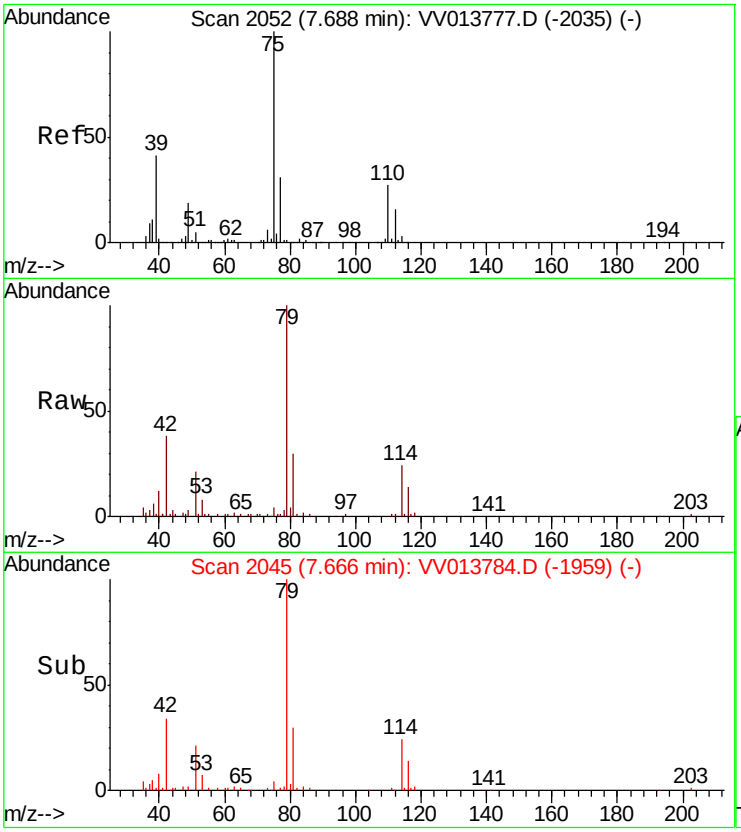




#37
1,2-Dichloropropane
Concen: 0.635 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV013784.D
Acq: 26 Nov 2019 13:52

Tgt Ion: 63 Resp: 13917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.2 | 4.4 | 6.6# |



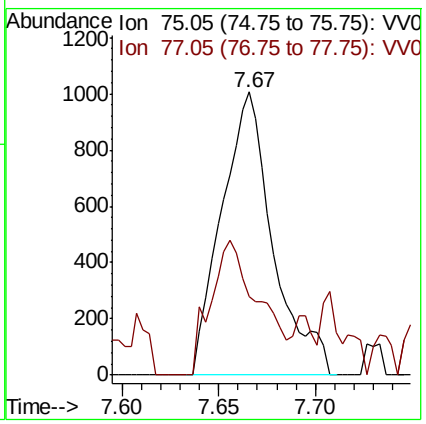


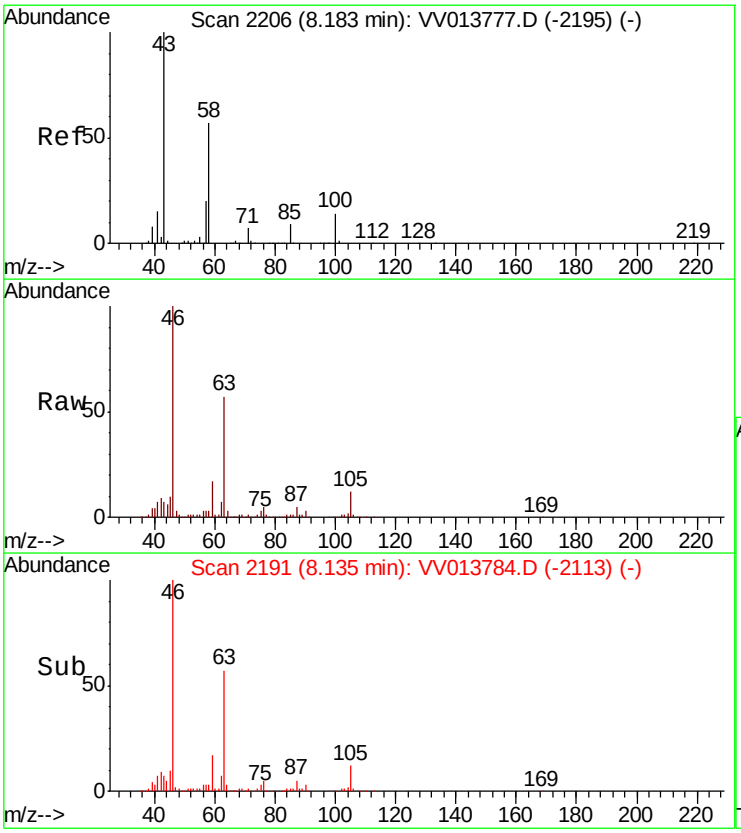

#44
trans-1,3-Dichloropropene
Concen: 0.076 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.02 min
Lab File: VV013784.D
Acq: 26 Nov 2019 13:52

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

Tgt Ion: 75 Resp: 1859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 27.9 | 23.0 | 42.8 |




#48
2-Hexanone
Concen: 2.326 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV013784.D
Acq: 26 Nov 2019 13:52

Tgt Ion: 43 Resp: 21224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 36.9 | 43.2 | 64.8# |
| 57 | 39.2 | 15.4 | 23.2# |
| 100 | 1.0 | 10.4 | 15.6# |