Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051220\
Data File : VV016009.D
Acq On : 12 May 2020 13:10
Operator : SY/MD
Sample : L2541-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: May 13 06:57:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 13 06:55:36 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.64 | 114 | 112045 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.88 | 117 | 110223 | 5.00 | ug/L | 0.00 |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152 | 46675 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 25835 | 4.25 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 85.00% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 29984 | 5.20 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 104.00% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.12 | 63 | 40452 | 3.09 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 61.80% | | | |
| 20) 2-Butanone-d5 | 3.93 | 46 | 110068 | 63.48 | ug/L | -0.04 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 126.96% | | | |
| 24) Chloroform-d | 4.38 | 84 | 67012 | 5.04 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 100.80% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.06 | 65 | 46408 | 6.09 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 121.80% | | | |
| 32) Benzene-d6 | 5.08 | 84 | 131551 | 5.02 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 100.40% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.10 | 67 | 46796 | 5.85 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 117.00% | | | |
| 41) Toluene-d8 | 7.34 | 98 | 103815 | 4.19 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 83.80% | | | |
| 45) trans-1,3-Dichloropropene- | 7.65 | 79 | 10765 | 3.43 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 68.60% | | | |
| 48) 2-Hexanone-d5 | 8.12 | 63 | 67256 | 48.73 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 97.46% | | | |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24 | 84 | 33937 | 6.03 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 120.60%# | | | |
| 65) 1,2-Dichlorobenzene-d4 | 11.65 | 152 | 41671 | 5.50 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 110.00% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.14 | 85 | 1148 | 0.134 | ug/L | 97 |
| 13) Acetone | 2.21 | 43 | 6073 | 5.310 | ug/L | 82 |
| 25) Chloroform | 4.41 | 83 | 10577 | 0.732 | ug/L | 99 |
| 27) 1,2-Dichloroethane | 5.09 | 62 | 538 | 0.061 | ug/L # | 76 |
| 34) Trichloroethene | 5.95 | 95 | 1401 | 0.177 | ug/L | 88 |
| 35) Methylcyclohexane | 6.10 | 83 | 11891 | 0.993 | ug/L # | 17 |
| 37) 1,2-Dichloropropane | 6.10 | 63 | 5785 | 0.821 | ug/L # | 87 |
| 49) Tetrachloroethene | 8.00 | 164 | 33454 | 6.057 | ug/L | 97 |
| 50) 2-Hexanone | 8.12 | 43 | 11058 | 3.561 | ug/L # | 70 |
| 51) Dibromochloromethane | 8.00 | 129 | 31484 | 5.955 | ug/L # | 9 |

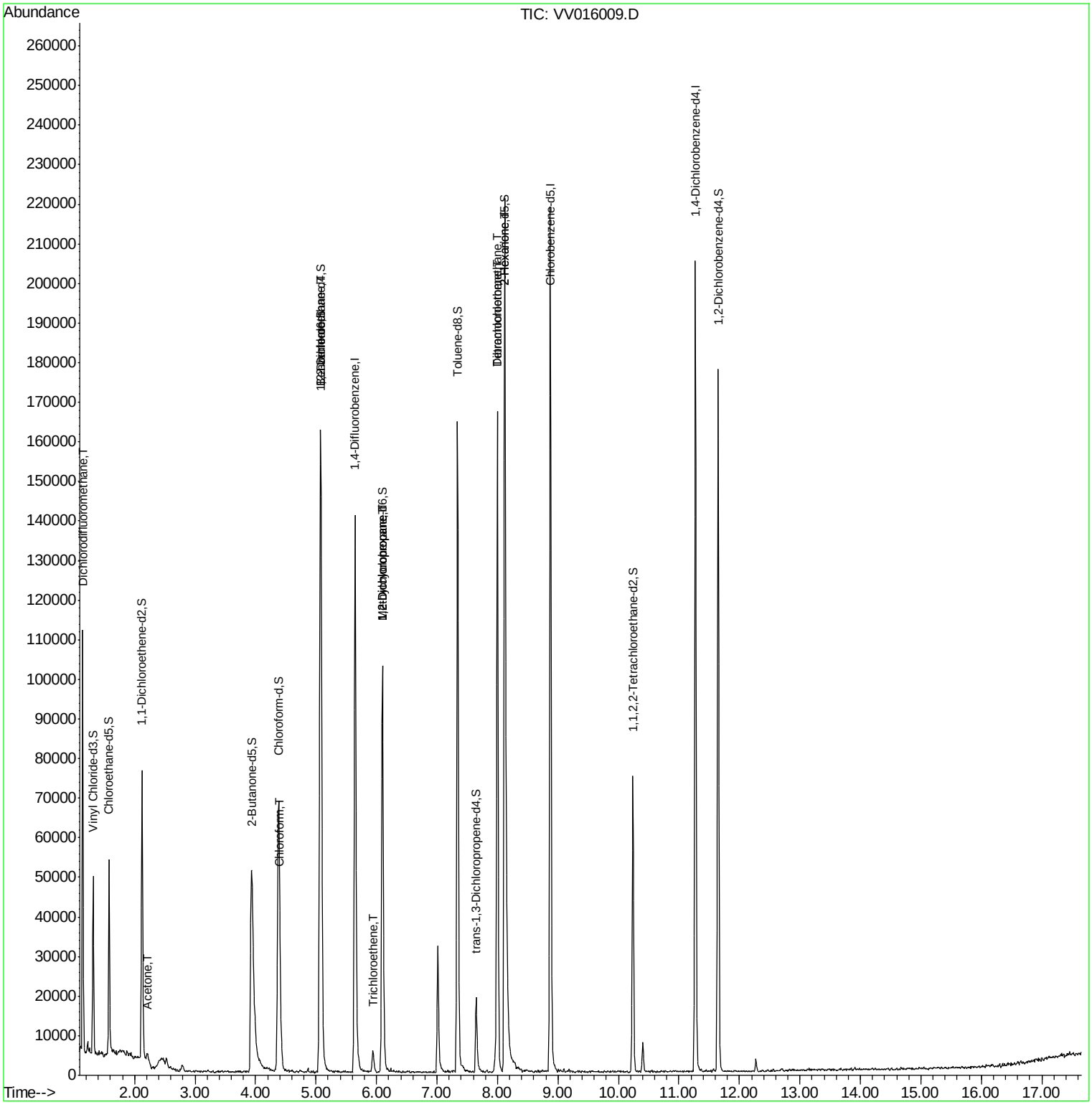
(#) = qualifier out of range (m) = manual integration (+) = signals summed

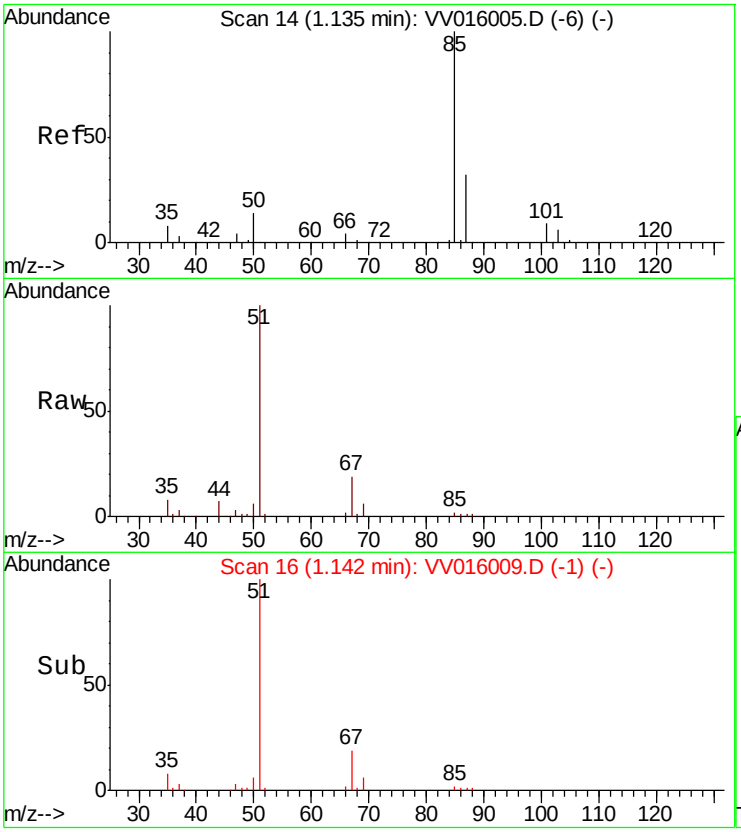
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051220\
Data File : VV016009.D
Acq On : 12 May 2020 13:10
Operator : SY/MD
Sample : L2541-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: May 13 06:57:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 13 06:55:36 2020
Response via : Initial Calibration



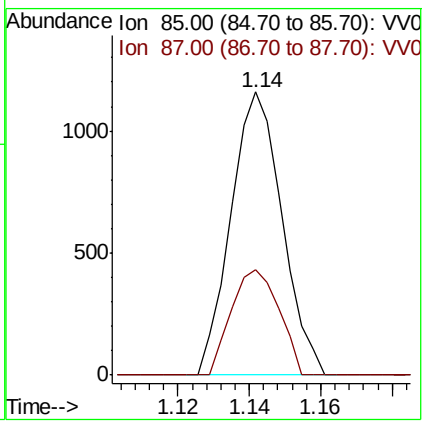


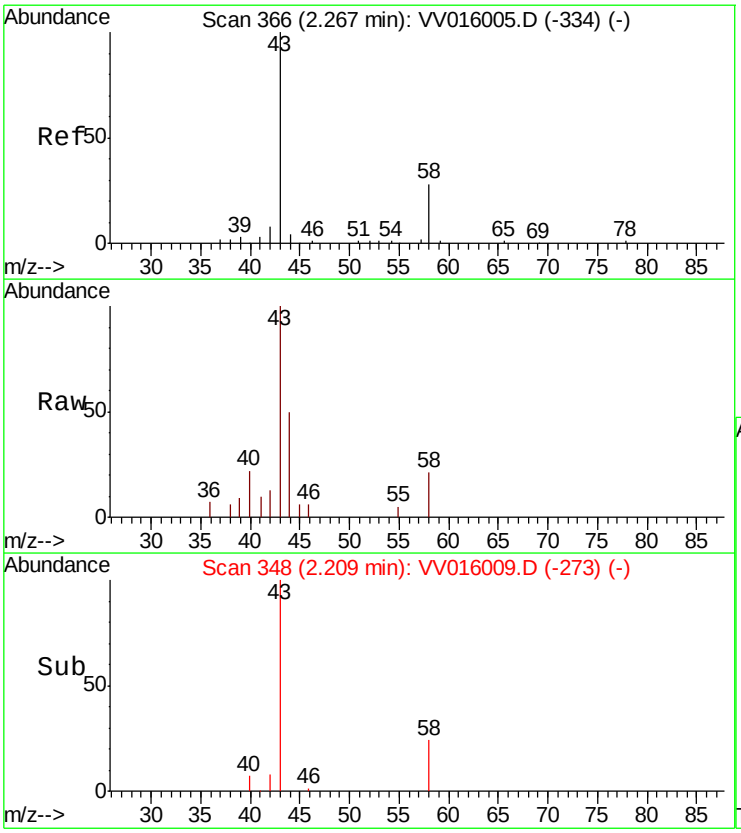

#2
Dichlorodifluoromethane
Concen: 0.134 ug/L
RT: 1.14 min Scan# 16
Delta R.T. 0.01 min
Lab File: VV016009.D
Acq: 12 May 2020 13:10

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

Tgt Ion: 85 Resp: 1148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 34.8 | 26.4 | 39.6 |

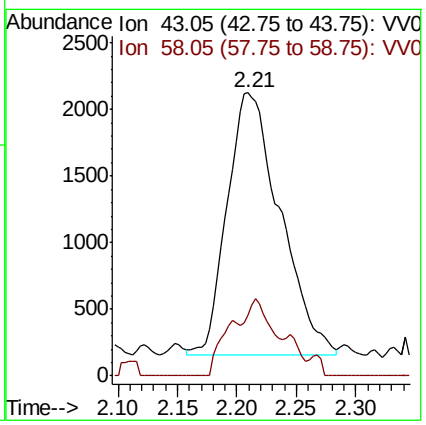


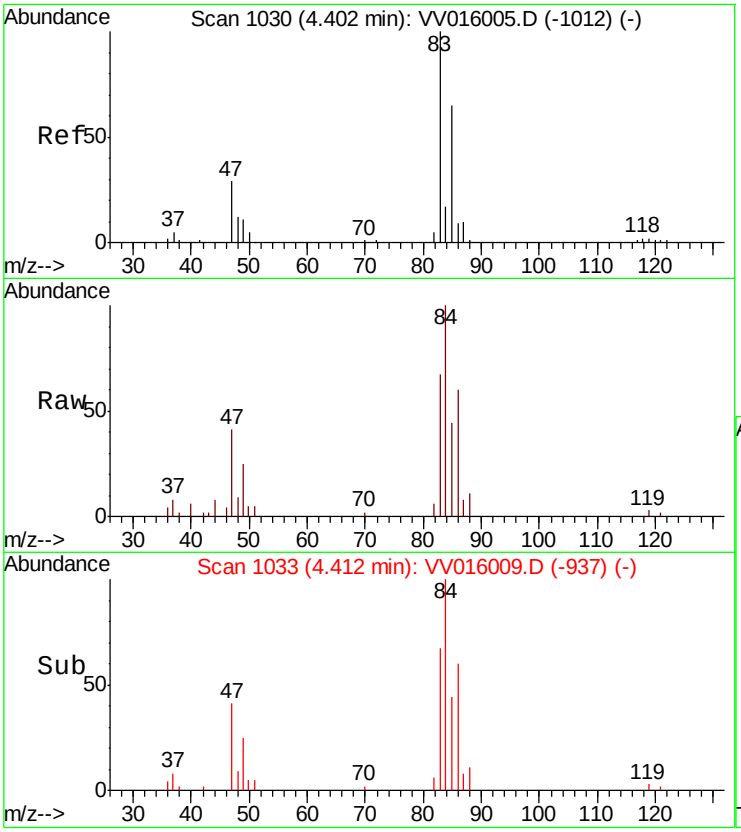




#13
Acetone
Concen: 5.310 ug/L
RT: 2.21 min Scan# 348
Delta R.T. -0.06 min
Lab File: VV016009.D
Acq: 12 May 2020 13:10

Tgt Ion: 43 Resp: 6073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 7.8 | 0.0 | 30.8 |



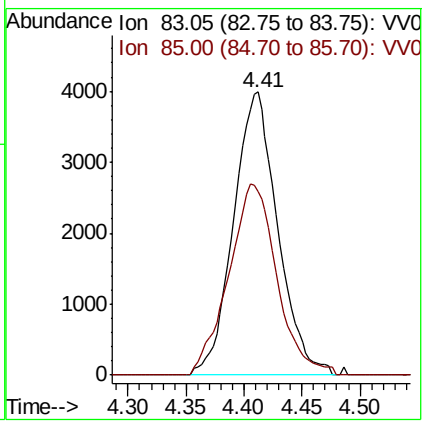


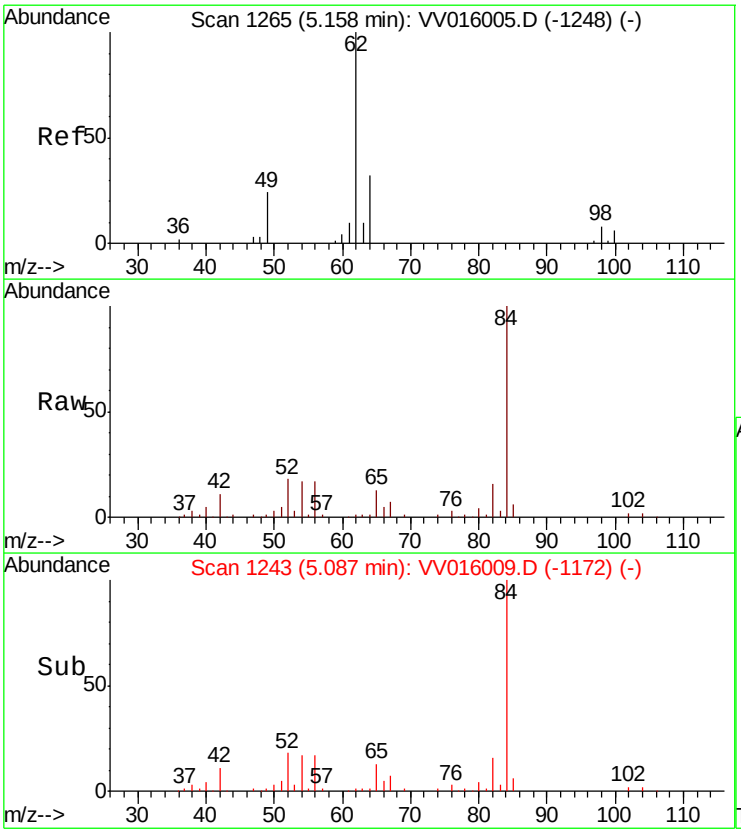

#25
Chloroform
Concen: 0.732 ug/L
RT: 4.41 min Scan# 1033
Delta R.T. 0.01 min
Lab File: VV016009.D
Acq: 12 May 2020 13:10

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

Tgt Ion: 83 Resp: 10577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.7 | 45.7 | 84.9 |

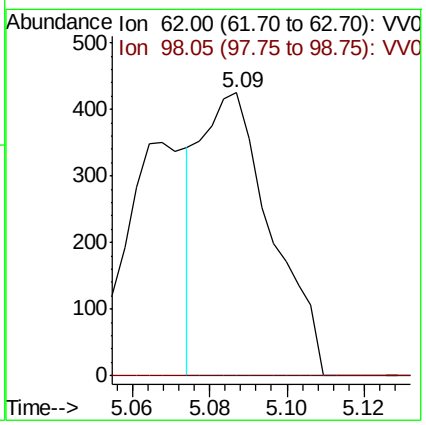


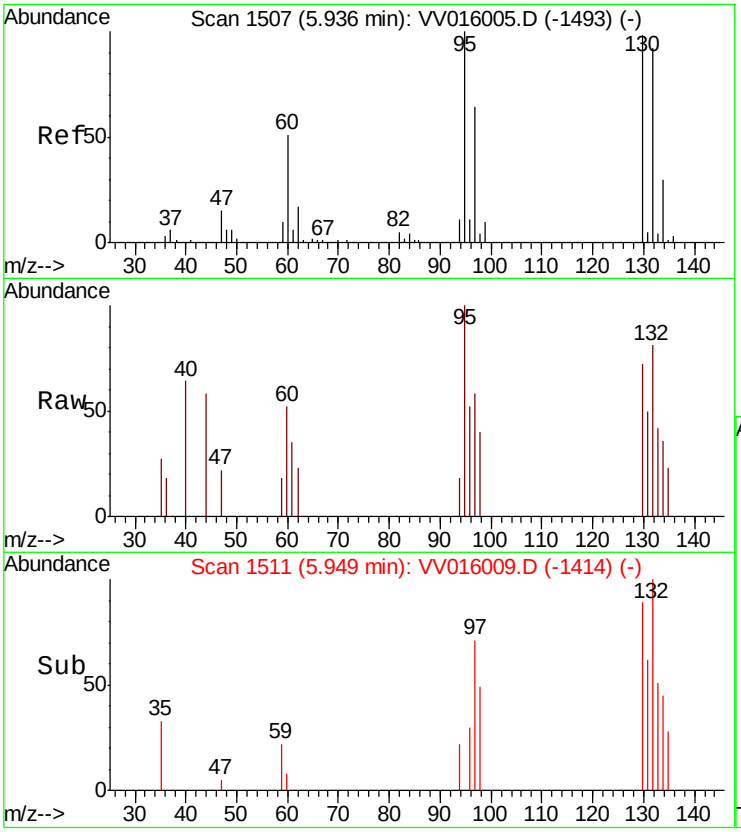




#27
1,2-Dichloroethane
Concen: 0.061 ug/L
RT: 5.09 min Scan# 1243
Delta R.T. -0.07 min
Lab File: VV016009.D
Acq: 12 May 2020 13:10

Tgt Ion: 62 Resp: 538

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



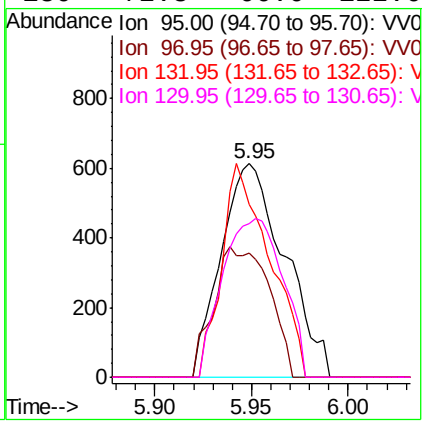


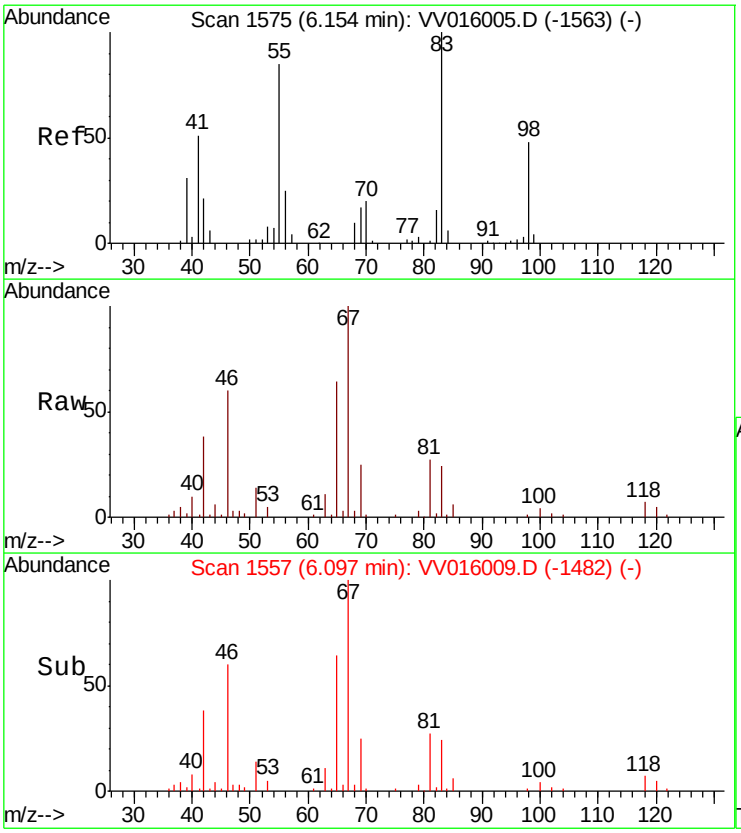

#34
Trichloroethene
Concen: 0.177 ug/L
RT: 5.95 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VV016009.D
Acq: 12 May 2020 13:10

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

Tgt Ion: 95 Resp: 1401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 57.9 | 43.3 | 80.5 |
| 132 | 81.2 | 60.3 | 112.1 |
| 130 | 72.3 | 66.0 | 122.6 |

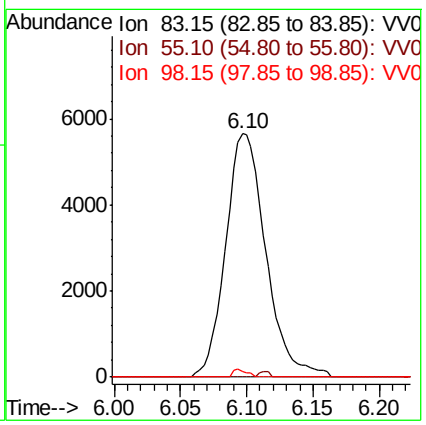


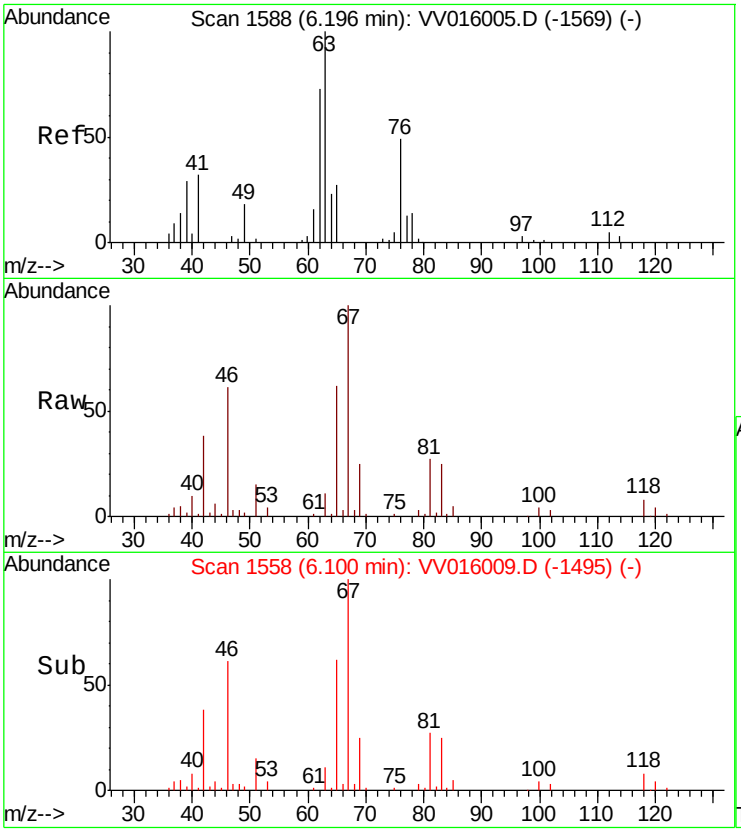




#35
Methylcyclohexane
Concen: 0.993 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV016009.D
Acq: 12 May 2020 13:10

Tgt Ion: 83 Resp: 11891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.6 | 66.2 | 99.2# |
| 98 | 1.1 | 37.9 | 56.9# |



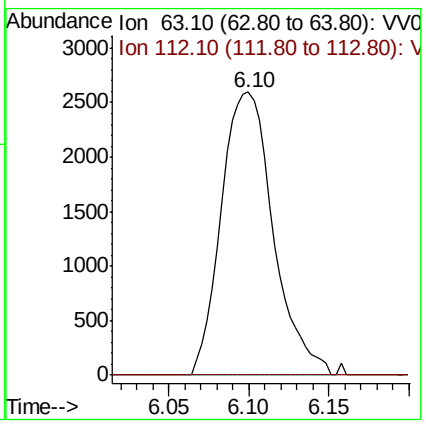


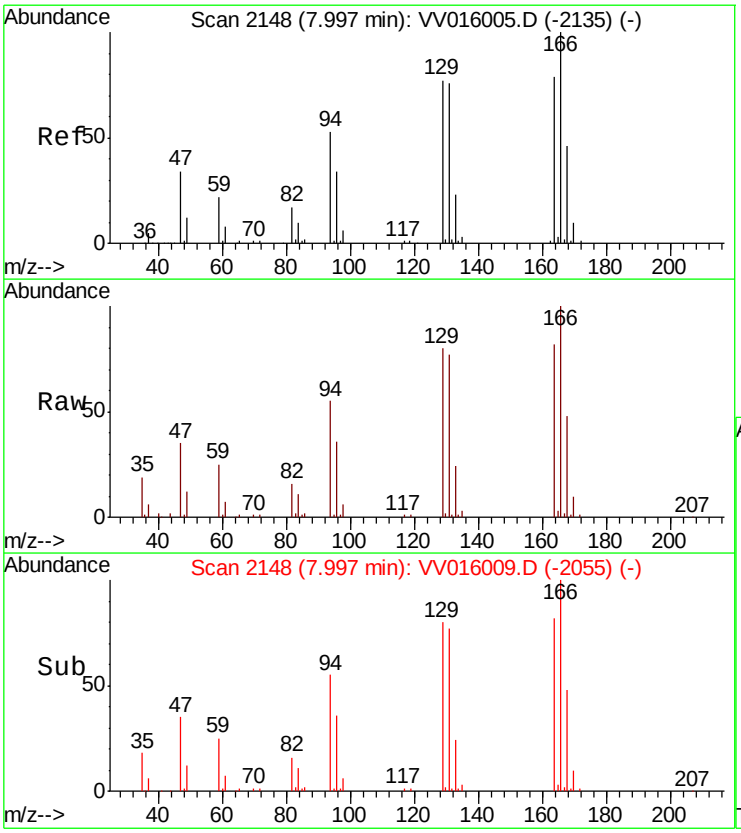

#37
1,2-Dichloropropane
Concen: 0.821 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.10 min
Lab File: VV016009.D
Acq: 12 May 2020 13:10

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

Tgt Ion: 63 Resp: 5785

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

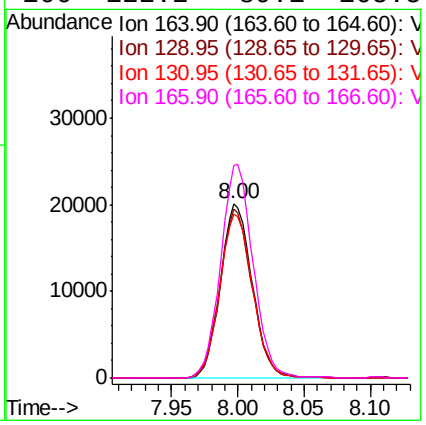


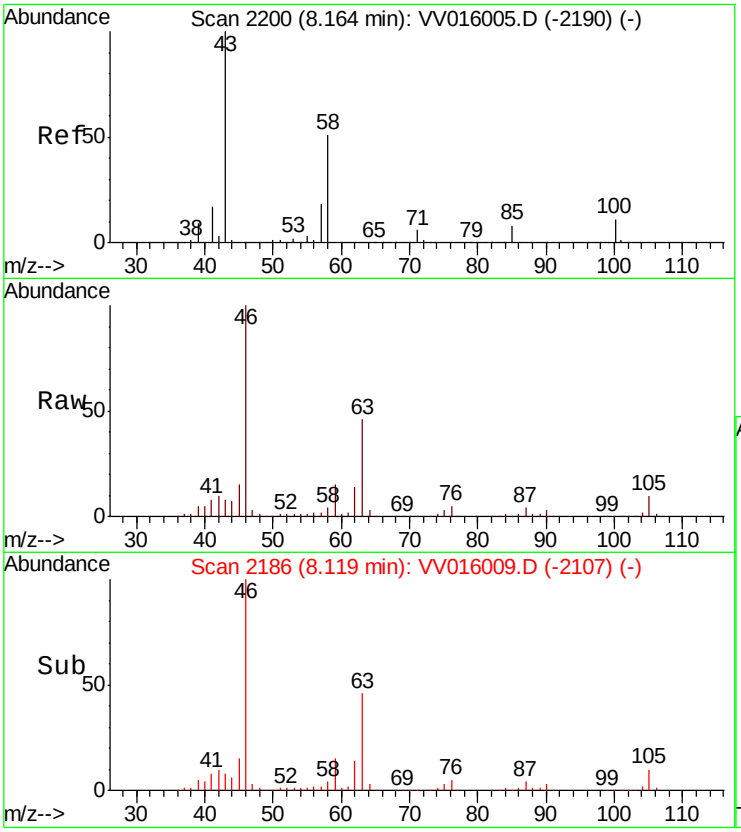




#49
Tetrachloroethene
Concen: 6.057 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV016009.D
Acq: 12 May 2020 13:10

Tgt Ion:164 Resp: 33454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 97.3 | 69.7 | 129.4 |
| 131 | 94.2 | 66.8 | 124.2 |
| 166 | 122.2 | 89.1 | 165.5 |



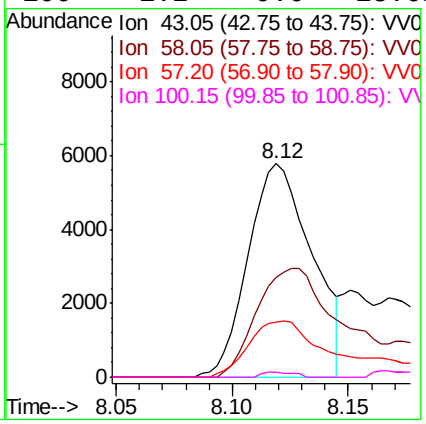


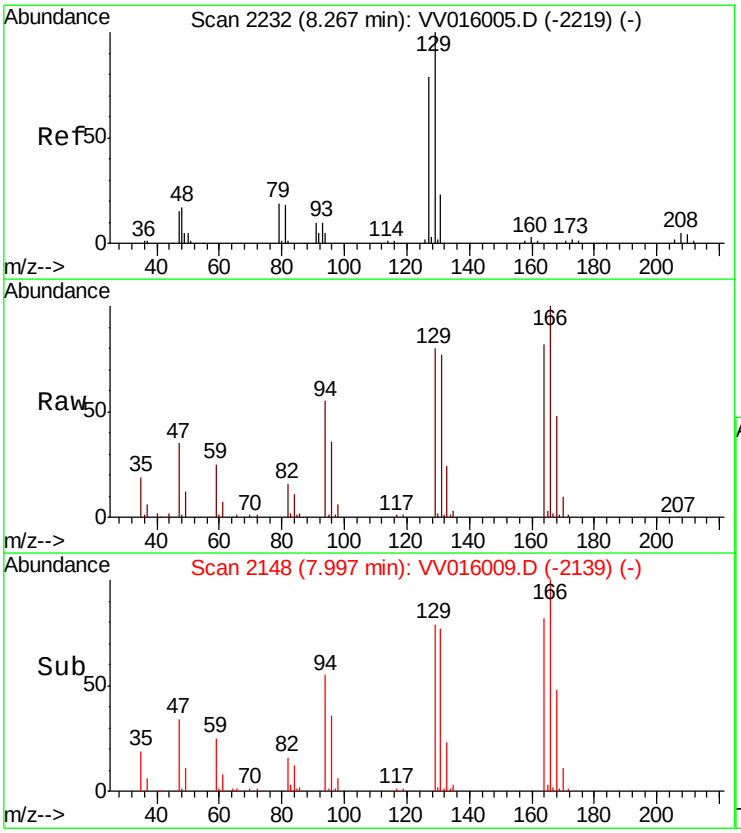

#50
2-Hexanone
Concen: 3.561 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.04 min
Lab File: VV016009.D
Acq: 12 May 2020 13:10

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

Tgt Ion: 43 Resp: 11058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 66.8 | 40.8 | 61.2# |
| 57 | 41.4 | 14.7 | 22.1# |
| 100 | 1.2 | 9.0 | 13.6# |




#51
Dibromochloromethane
Concen: 5.955 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV016009.D
Acq: 12 May 2020 13:10

Tgt Ion:129 Resp: 31484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 56.0 | 104.0# |