Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052620\
Data File : VV016206.D
Acq On : 26 May 2020 21:34
Operator : SY/MD
Sample : L2753-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: May 27 03:17:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 27 03:06:56 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.64 | 114 | 111988 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.87 | 117 | 105019 | 5.00 | ug/L | 0.00 |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152 | 47476 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 32127 | 4.47 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 89.40% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 29375 | 4.65 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 93.00% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.13 | 63 | 43996 | 3.26 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 65.20% | | | |
| 20) 2-Butanone-d5 | 3.94 | 46 | 91912 | 51.52 | ug/L | -0.04 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 103.04% | | | |
| 24) Chloroform-d | 4.38 | 84 | 66314 | 4.63 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 92.60% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.06 | 65 | 36274 | 4.79 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 95.80% | | | |
| 32) Benzene-d6 | 5.08 | 84 | 128133 | 4.93 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 98.60% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.10 | 67 | 39879 | 4.95 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 99.00% | | | |
| 41) Toluene-d8 | 7.34 | 98 | 113884 | 4.59 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 91.80% | | | |
| 45) trans-1,3-Dichloropropene- | 7.65 | 79 | 14385 | 4.80 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 96.00% | | | |
| 48) 2-Hexanone-d5 | 8.12 | 63 | 68897 | 50.07 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 100.14% | | | |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24 | 84 | 28965 | 4.87 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 97.40% | | | |
| 65) 1,2-Dichlorobenzene-d4 | 11.65 | 152 | 39911 | 5.03 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 100.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.21 | 43 | 3815 | 3.455 | ug/L | 89 |
| 14) Carbon disulfide | 2.31 | 76 | 2400 | 0.117 | ug/L # | 93 |
| 15) Methyl Acetate | 2.45 | 43 | 1269 | 0.450 | ug/L # | 53 |
| 21) 2-Butanone | 4.11 | 43 | 90157 | 45.892 | ug/L # | 58 |
| 25) Chloroform | 4.41 | 83 | 1837 | 0.126 | ug/L | 97 |
| 27) 1,2-Dichloroethane | 5.08 | 62 | 919 | 0.097 | ug/L # | 79 |
| 35) Methylcyclohexane | 6.10 | 83 | 9465 | 0.713 | ug/L # | 16 |
| 37) 1,2-Dichloropropane | 6.10 | 63 | 4976 | 0.671 | ug/L # | 88 |
| 39) cis-1,3-Dichloropropene | 7.01 | 75 | 1098 | 0.105 | ug/L # | 58 |
| 42) Toluene | 7.42 | 91 | 3192 | 0.097 | ug/L | 87 |
| 46) trans-1,3-Dichloropropene | 7.65 | 75 | 739 | 0.085 | ug/L # | 74 |
| 49) Tetrachloroethene | 8.00 | 164 | 7956 | 1.408 | ug/L | 94 |
| 50) 2-Hexanone | 8.12 | 43 | 9455 | 2.940 | ug/L # | 76 |
| 51) Dibromochloromethane | 8.00 | 129 | 8178 | 1.584 | ug/L # | 10 |
| 70) Naphthalene | 13.53 | 128 | 13651 | 0.694 | ug/L | 100 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052620\
Data File : VV016206.D
Acq On : 26 May 2020 21:34
Operator : SY/MD
Sample : L2753-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: May 27 03:17:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 27 03:06:56 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

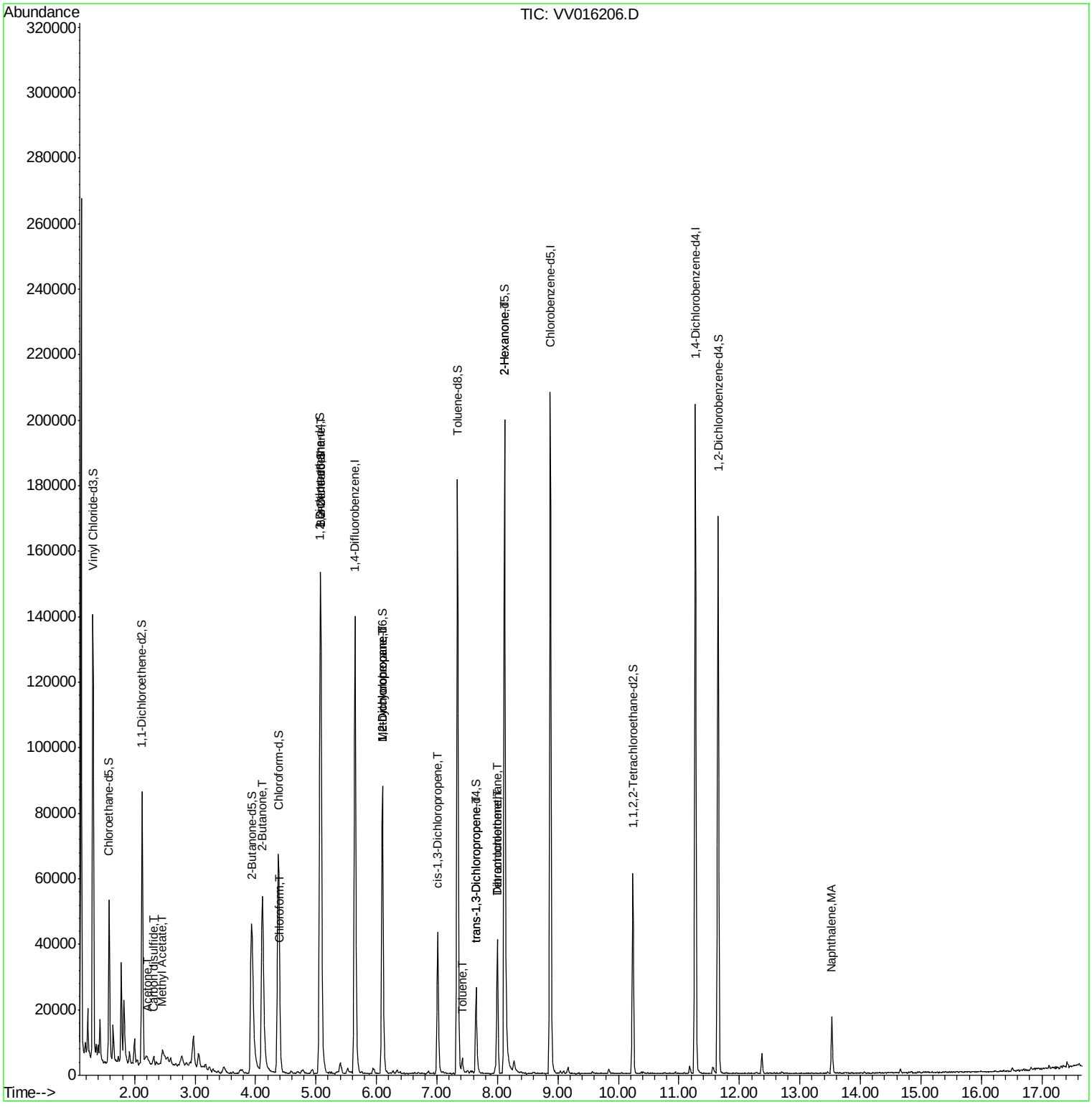
(#) = qualifier out of range (m) = manual integration (+) = signals summed

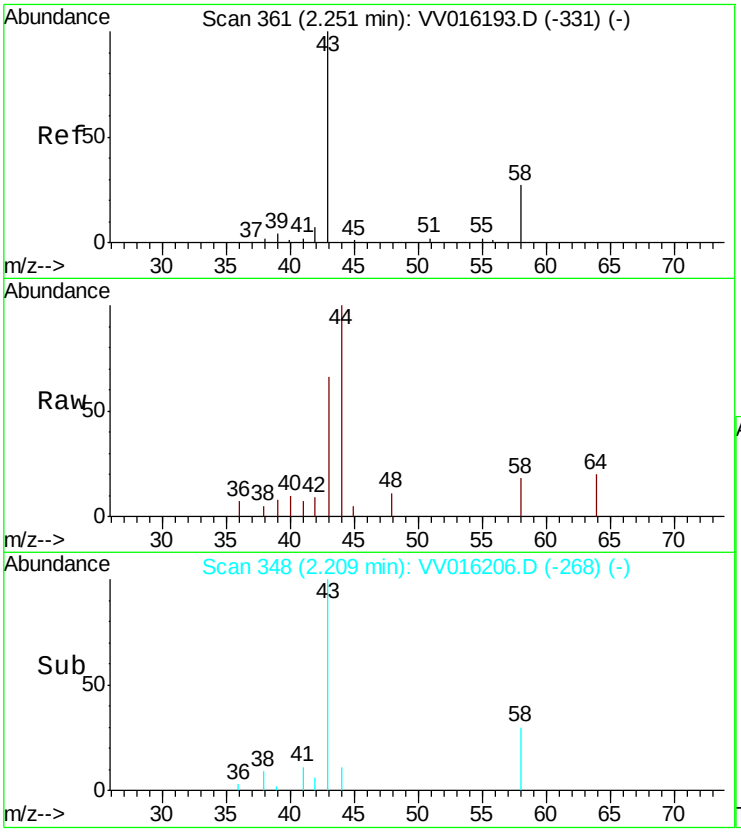
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052620\
Data File : VV016206.D
Acq On : 26 May 2020 21:34
Operator : SY/MD
Sample : L2753-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: May 27 03:17:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 27 03:06:56 2020
Response via : Initial Calibration



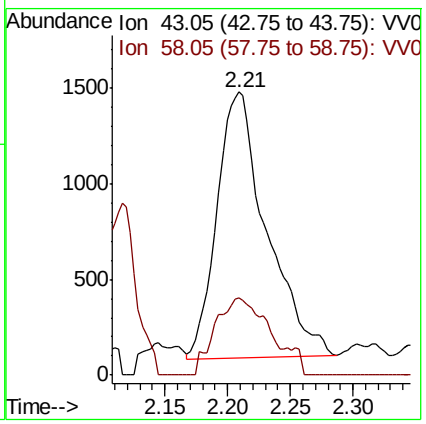


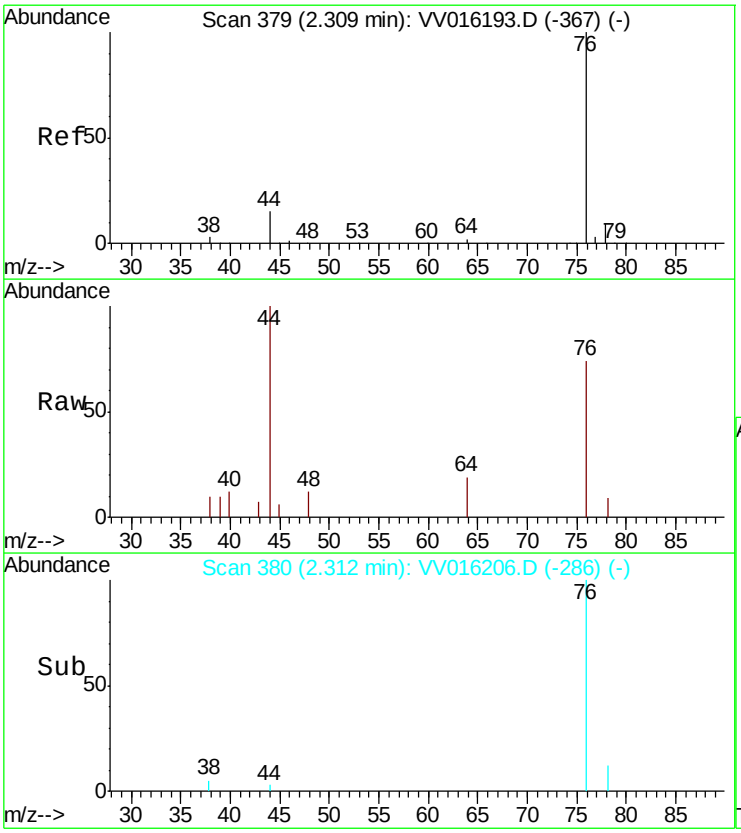

#13
Acetone
Concen: 3.455 ug/L
RT: 2.21 min Scan# 348
Delta R.T. -0.04 min
Lab File: VV016206.D
Acq: 26 May 2020 21:34

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

Tgt Ion: 43 Resp: 3815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.0 | 0.0 | 48.8 |

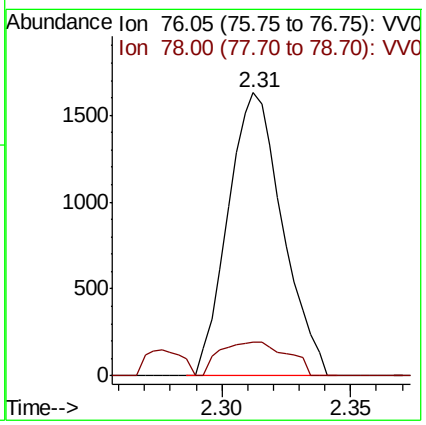


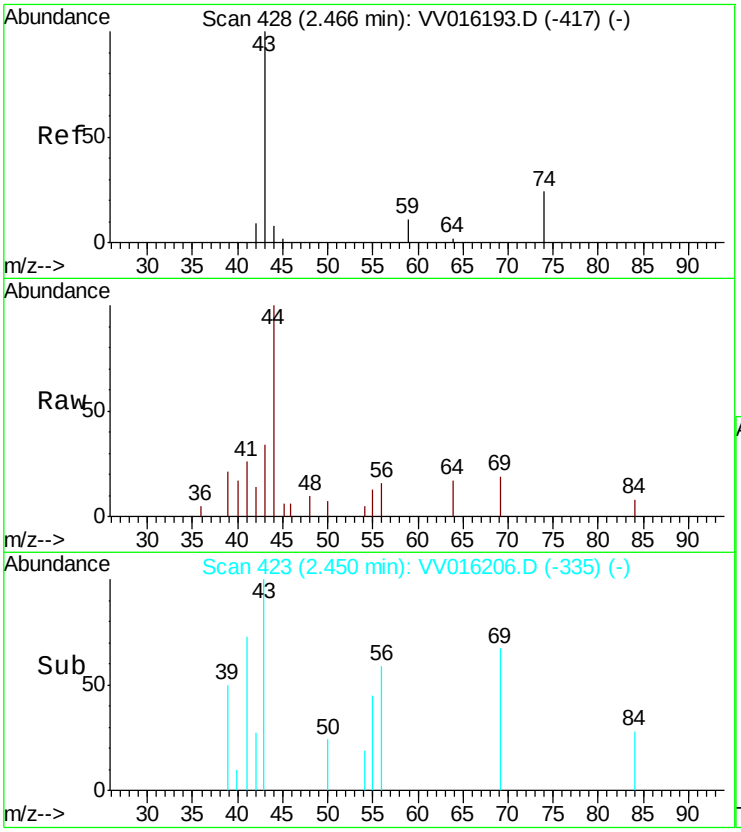




#14
Carbon disulfide
Concen: 0.117 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VV016206.D
Acq: 26 May 2020 21:34

Tgt Ion: 76 Resp: 2400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 11.7 | 7.4 | 11.0# |



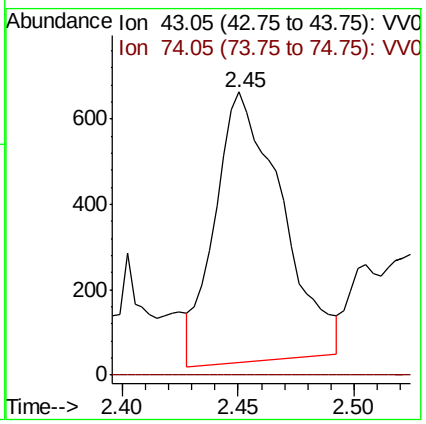


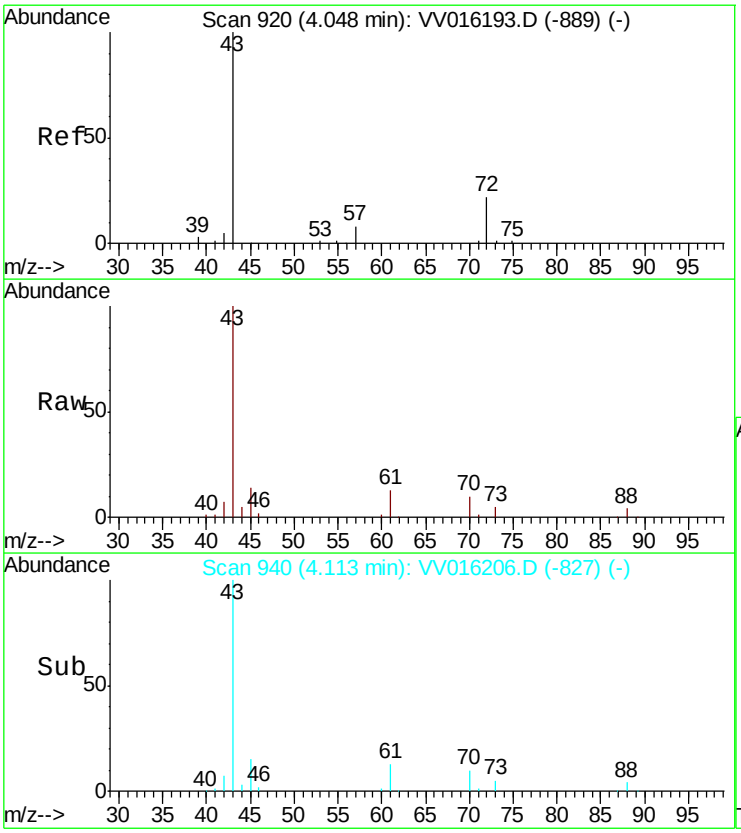

#15
Methyl Acetate
Concen: 0.450 ug/L
RT: 2.45 min Scan# 423
Delta R.T. -0.02 min
Lab File: VV016206.D
Acq: 26 May 2020 21:34

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

Tgt Ion: 43 Resp: 1269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 18.1 | 27.1# |

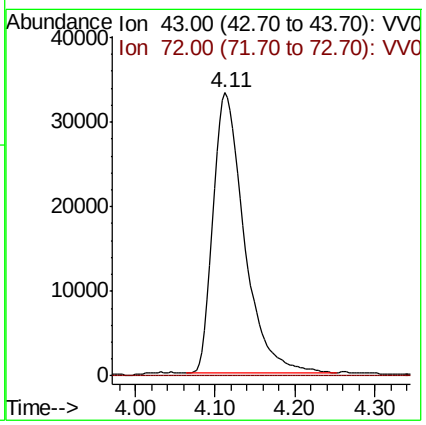


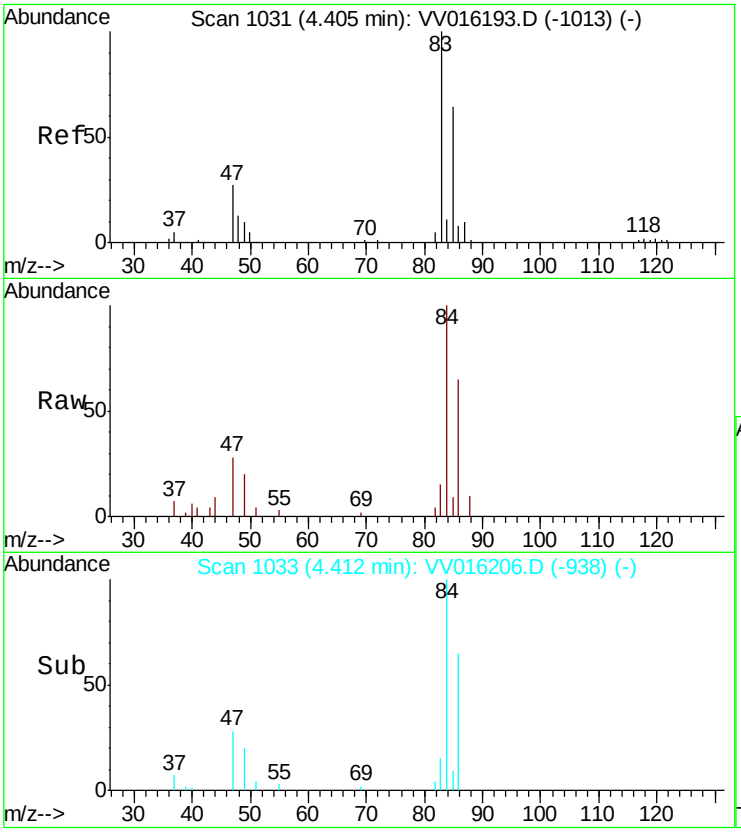




#21
2-Butanone
Concen: 45.892 ug/L
RT: 4.11 min Scan# 940
Delta R.T. 0.06 min
Lab File: VV016206.D
Acq: 26 May 2020 21:34

Tgt Ion: 43 Resp: 90157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 0.1 | 9.7 | 28.9# |



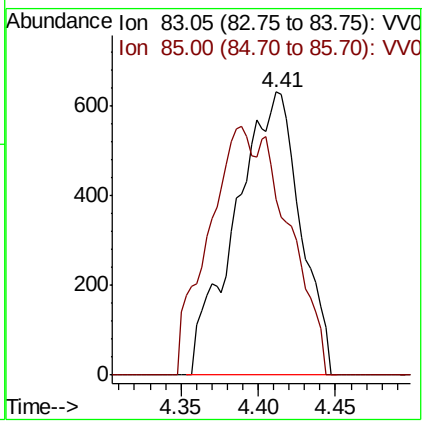


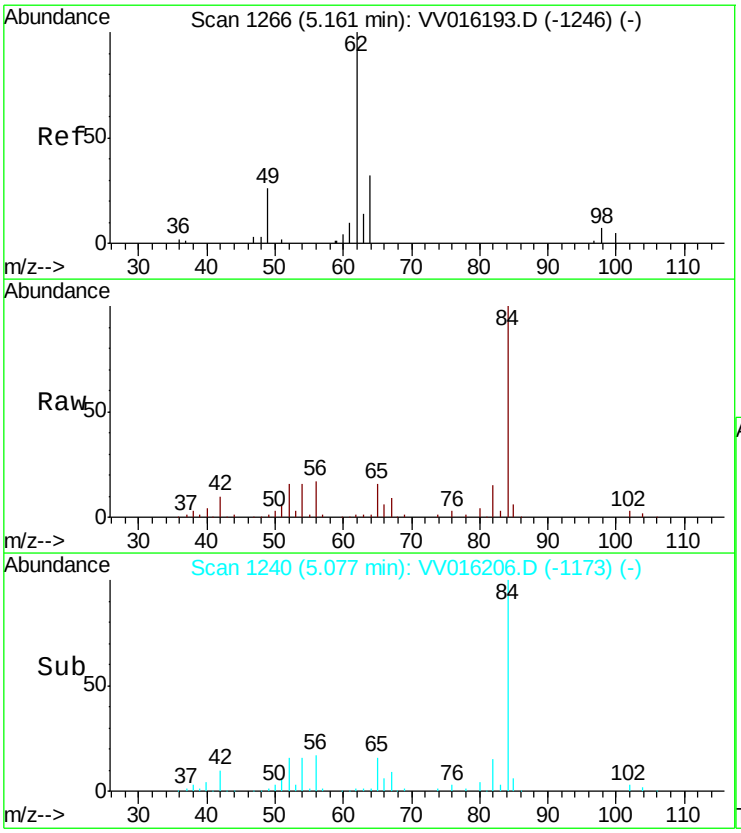

#25
Chloroform
Concen: 0.126 ug/L
RT: 4.41 min Scan# 1033
Delta R.T. 0.01 min
Lab File: VV016206.D
Acq: 26 May 2020 21:34

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

Tgt Ion: 83 Resp: 1837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.3 | 45.1 | 83.7 |

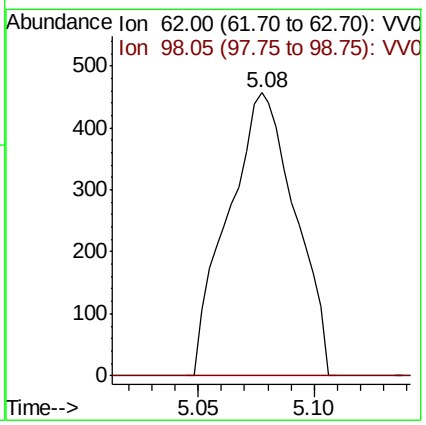


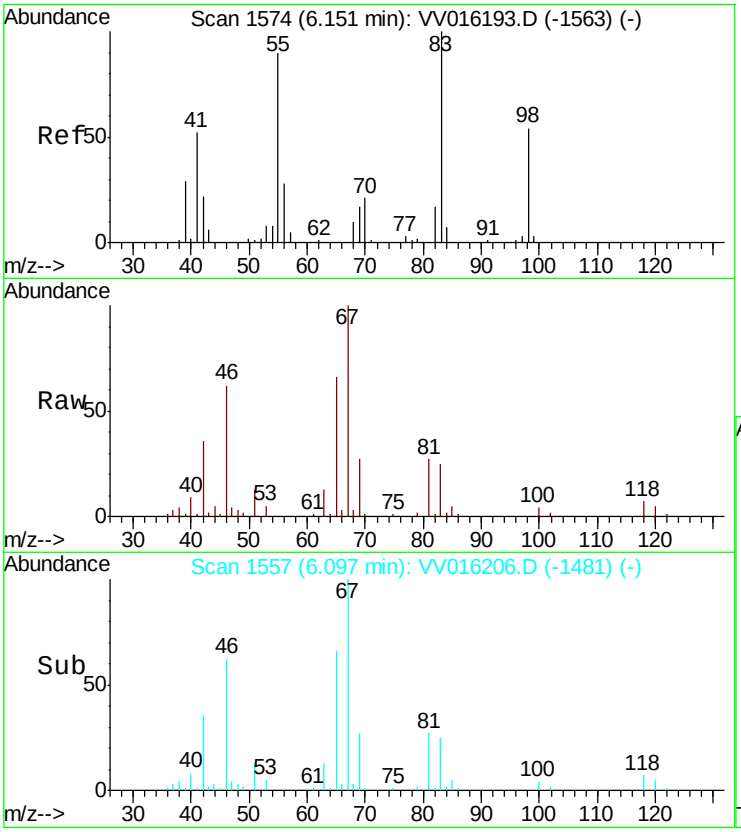




#27
1,2-Dichloroethane
Concen: 0.097 ug/L
RT: 5.08 min Scan# 1240
Delta R.T. -0.08 min
Lab File: VV016206.D
Acq: 26 May 2020 21:34

Tgt Ion: 62 Resp: 919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 0.0 | 5.7 | 8.5# |



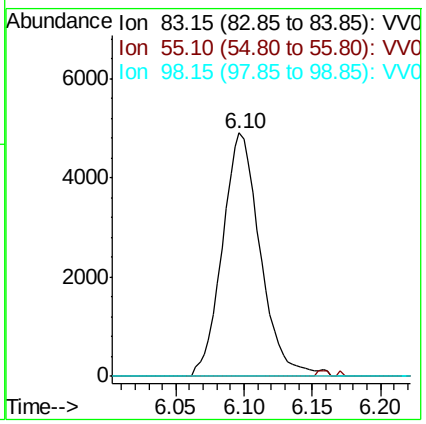


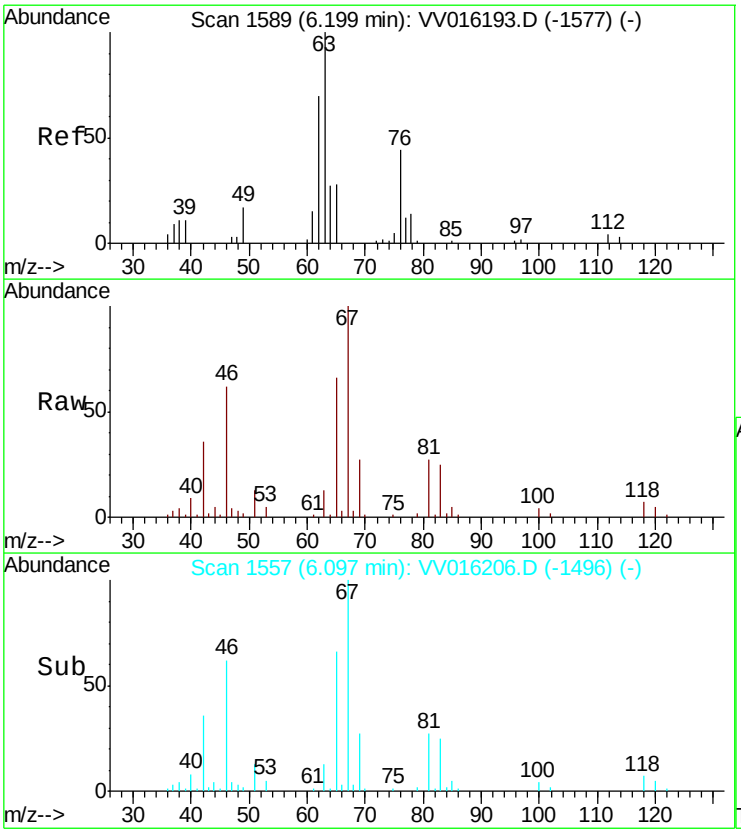

#35
Methylcyclohexane
Concen: 0.713 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV016206.D
Acq: 26 May 2020 21:34

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

Tgt Ion: 83 Resp: 9465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.6 | 65.4 | 98.0# |
| 98 | 0.0 | 39.3 | 58.9# |

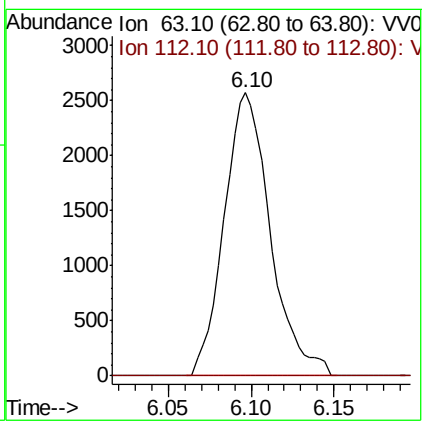


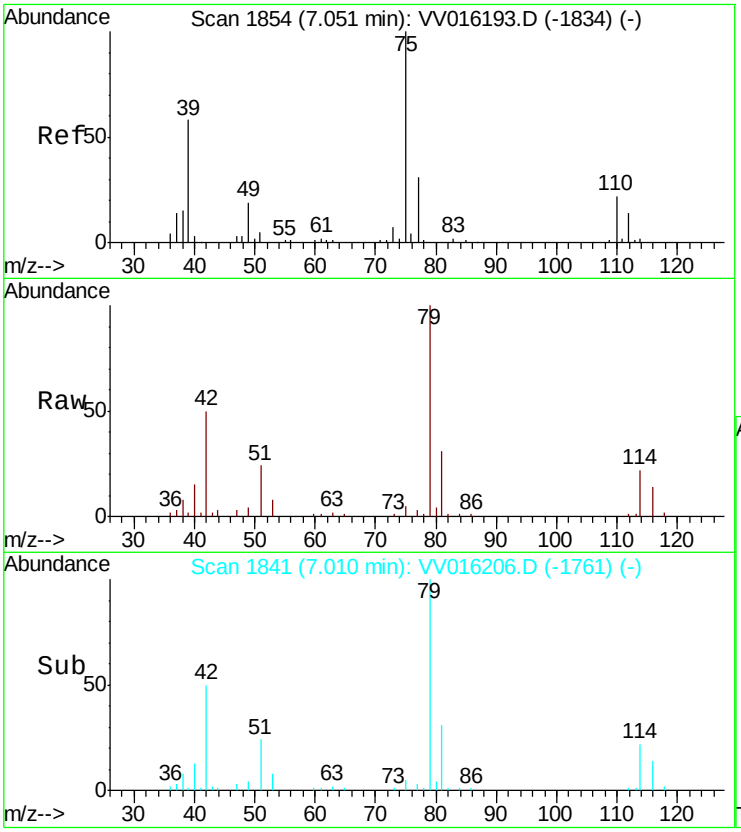




#37
1,2-Dichloropropane
Concen: 0.671 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016206.D
Acq: 26 May 2020 21:34

Tgt Ion: 63 Resp: 4976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.1 | 4.7# |



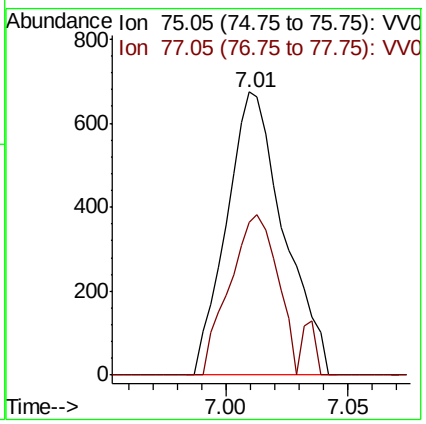


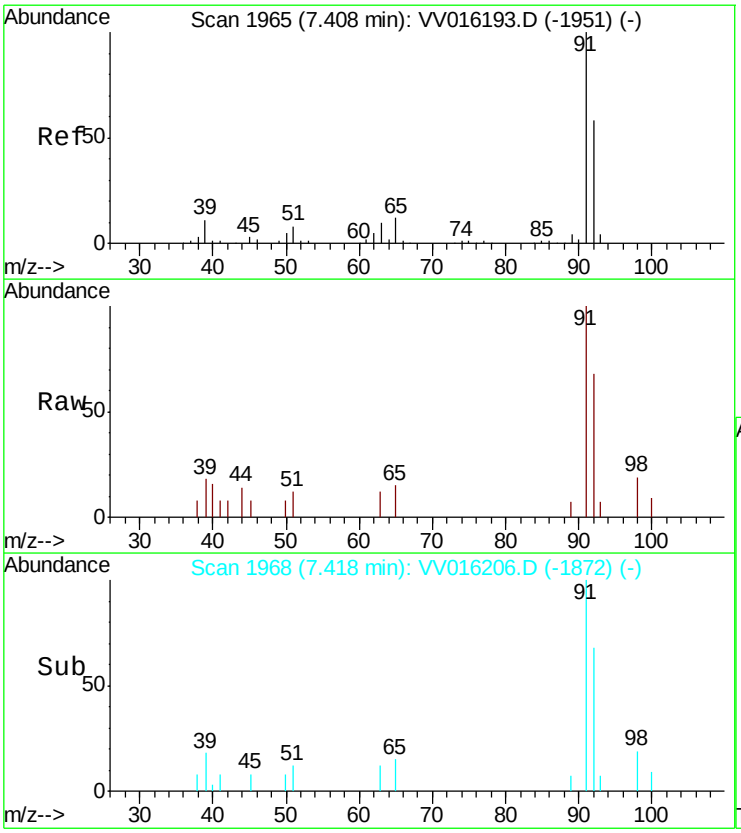

#39
cis-1,3-Dichloropropene
Concen: 0.105 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV016206.D
Acq: 26 May 2020 21:34

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

Tgt Ion: 75 Resp: 1098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 54.2 | 21.7 | 40.3# |

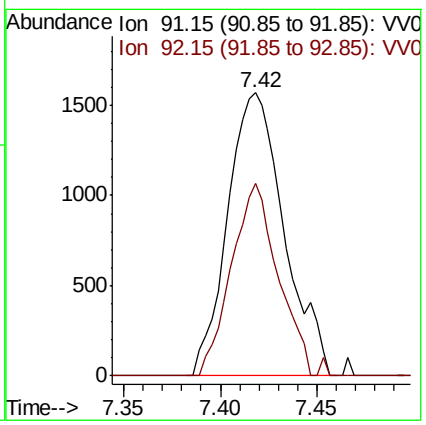


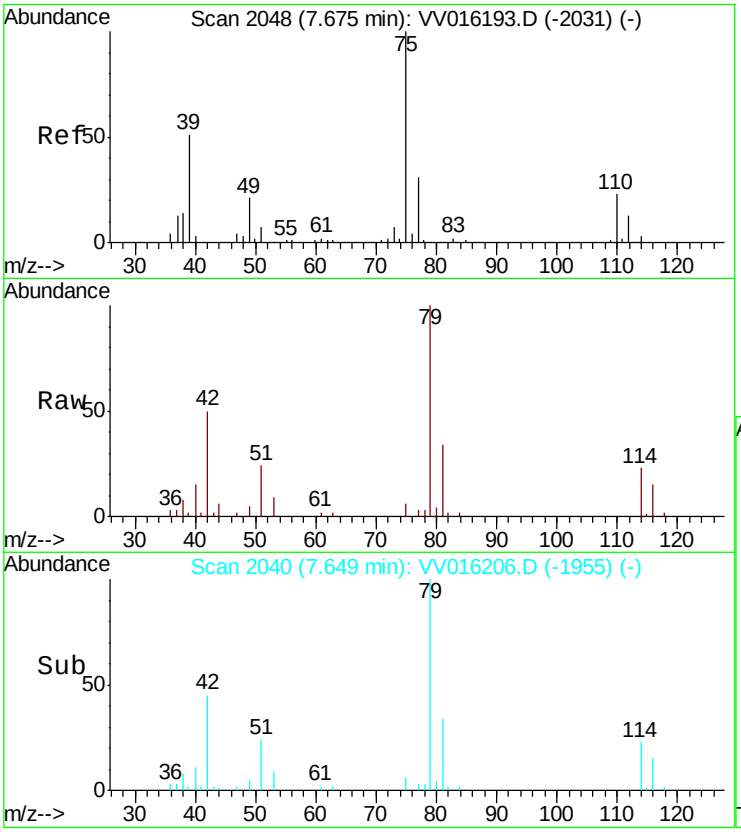




#42
Toluene
Concen: 0.097 ug/L
RT: 7.42 min Scan# 1968
Delta R.T. 0.01 min
Lab File: VV016206.D
Acq: 26 May 2020 21:34

Tgt Ion: 91 Resp: 3192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 68.0 | 40.9 | 76.0 |



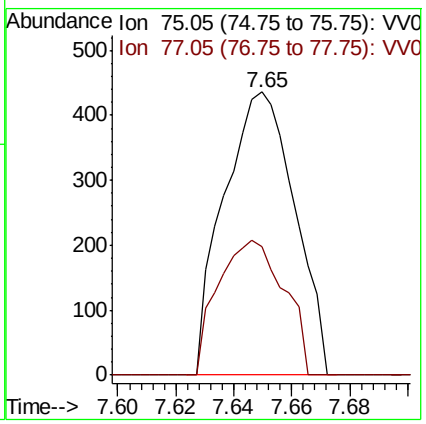


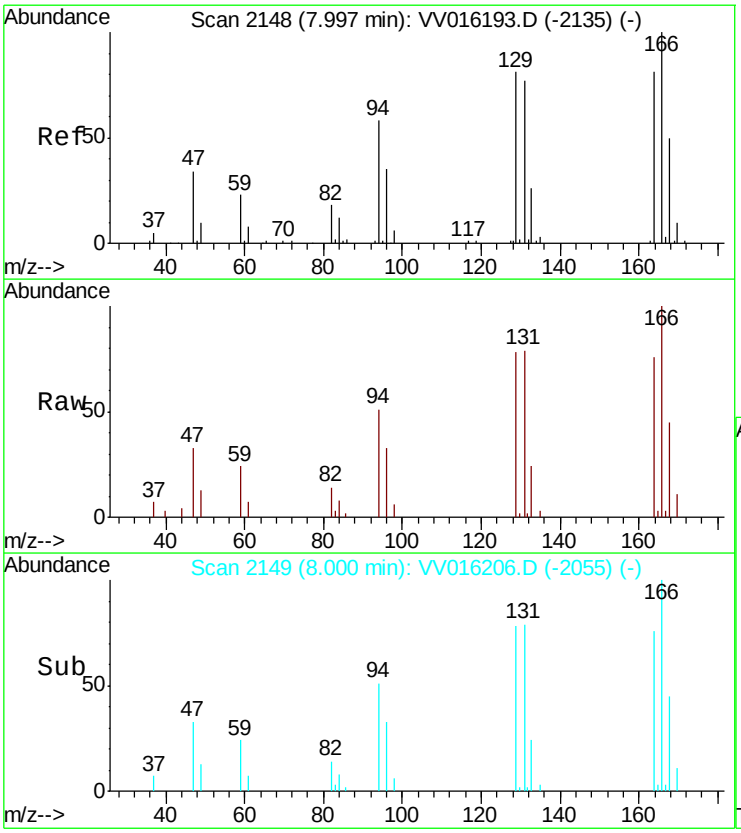

#46
trans-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.65 min Scan# 2040
Delta R.T. -0.03 min
Lab File: VV016206.D
Acq: 26 May 2020 21:34

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

Tgt Ion: 75 Resp: 739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 45.2 | 21.7 | 40.3# |

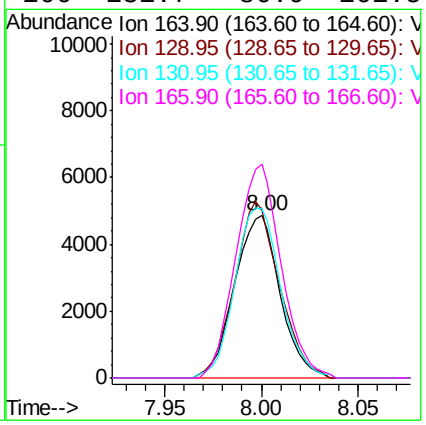


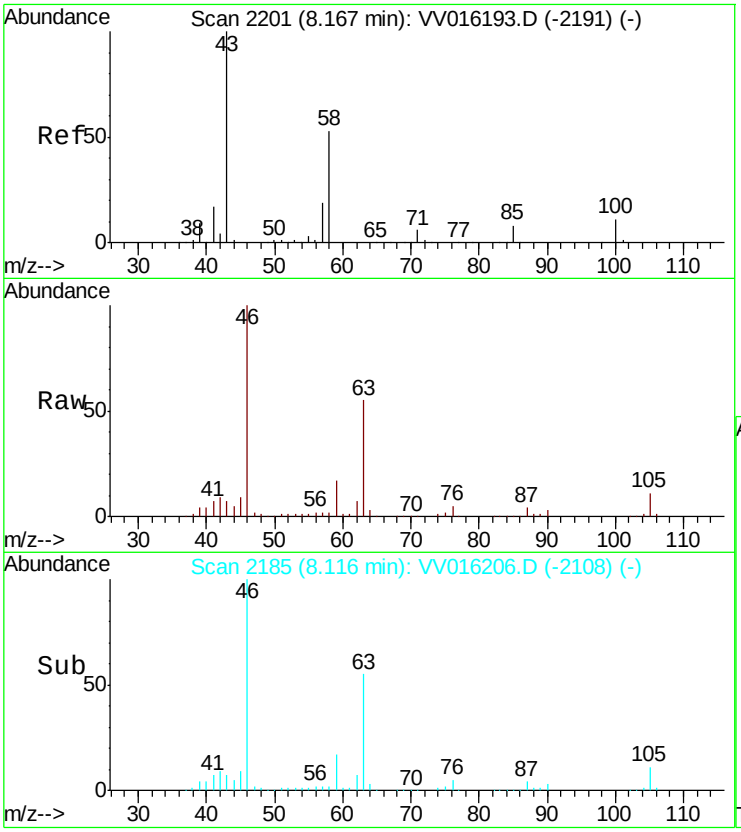




#49
Tetrachloroethene
Concen: 1.408 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.00 min
Lab File: VV016206.D
Acq: 26 May 2020 21:34

Tgt Ion:164 Resp: 7956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 103.2 | 70.7 | 131.3 |
| 131 | 104.2 | 66.6 | 123.8 |
| 166 | 131.7 | 86.9 | 161.5 |



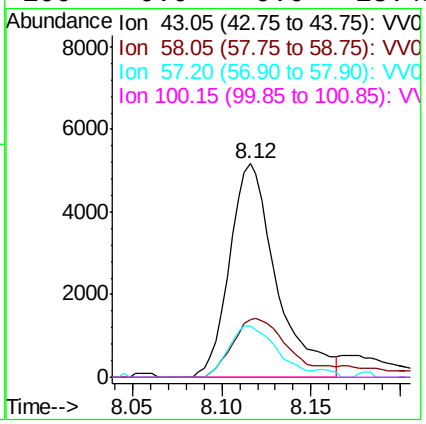


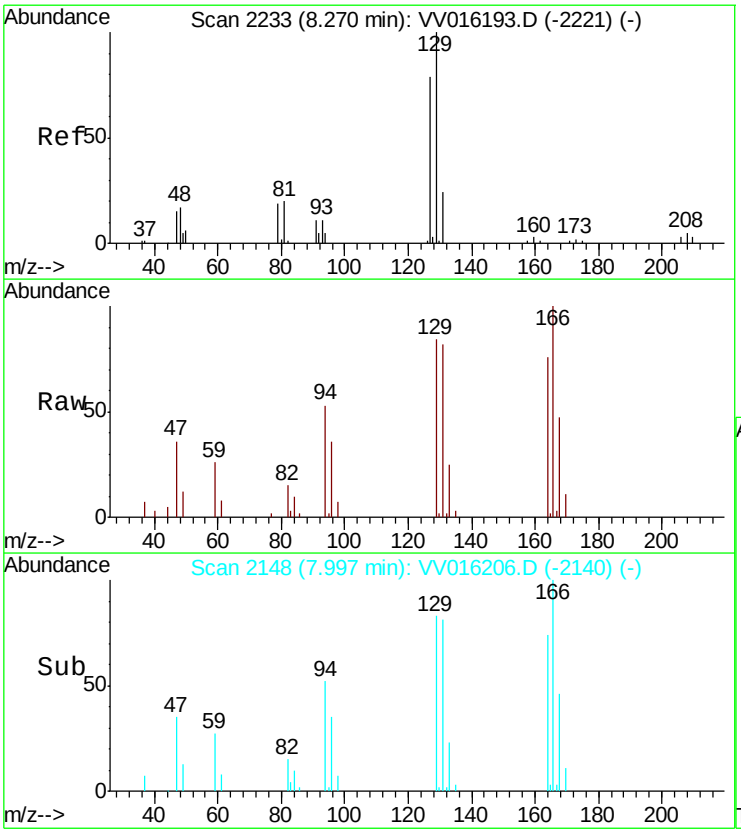

#50
2-Hexanone
Concen: 2.940 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV016206.D
Acq: 26 May 2020 21:34

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

Tgt Ion: 43 Resp: 9455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.5 | 41.4 | 62.0# |
| 57 | 24.6 | 15.0 | 22.4# |
| 100 | 0.0 | 9.0 | 13.4# |

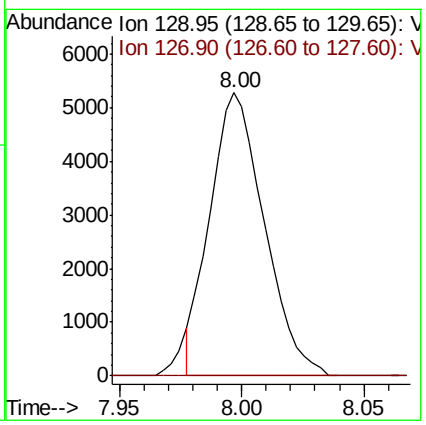


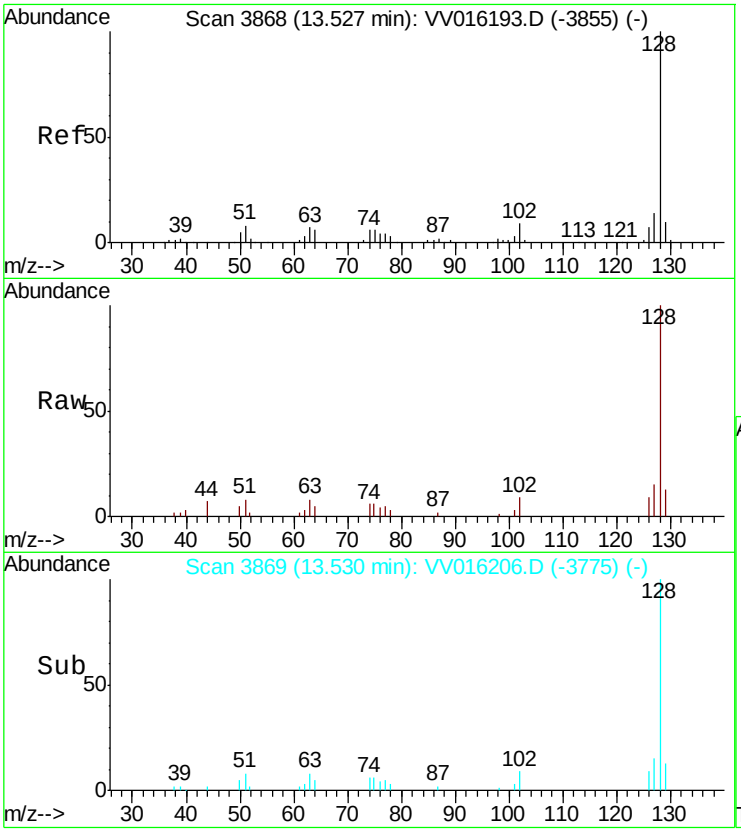




#51
Dibromochloromethane
Concen: 1.584 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV016206.D
Acq: 26 May 2020 21:34

Tgt Ion:129 Resp: 8178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 55.2 | 102.4# |






#70
Naphthalene
Concen: 0.694 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.00 min
Lab File: VV016206.D
Acq: 26 May 2020 21:34

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

Tgt Ion:128 Resp: 13651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.9 | 8.6 | 13.0 |
| 127 | 13.0 | 10.6 | 15.8 |