Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061820\
Data File : VV016978.D
Acq On : 18 Jun 2020 14:46
Operator : SY/MD
Sample : L3039-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jun 19 04:37:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 19 04:33:43 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.64 | 114 | 314510 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.87 | 117 | 296683 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152 | 142366 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 85612 | 38.58 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 77.16% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 64298 | 48.29 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 96.58% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.12 | 63 | 138744 | 37.23 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 74.46% | | | |
| 21) 2-Butanone-d5 | 3.91 | 46 | 161663 | 98.42 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 98.42% | | | |
| 24) Chloroform-d | 4.38 | 84 | 226061 | 50.10 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 100.20% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.06 | 65 | 163586 | 53.30 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 106.60% | | | |
| 32) Benzene-d6 | 5.08 | 84 | 433989 | 50.75 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 101.50% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.09 | 67 | 135092 | 50.67 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 101.34% | | | |
| 41) Toluene-d8 | 7.34 | 98 | 400317 | 51.01 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 102.02% | | | |
| 43) trans-1,3-Dichloropropene- | 7.64 | 79 | 66833 | 48.13 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 96.26% | | | |
| 47) 2-Hexanone-d5 | 8.11 | 63 | 90122 | 77.54 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 77.54% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24 | 84 | 155221 | 43.98 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 87.96% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.65 | 152 | 166370 | 54.76 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 109.52% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.12 | 101 | 1243 | 0.743 | ug/L # | 19 |
| 12) 1,1-Dichloroethene | 2.12 | 96 | 1307 | 0.837 | ug/L # | 1 |
| 13) Acetone | 2.19 | 43 | 4851 | 4.482 | ug/L | 82 |
| 16) Methylene chloride | 2.52 | 84 | 1698 | 0.741 | ug/L | 84 |
| 25) Chloroform | 4.41 | 83 | 5069 | 1.231 | ug/L | 93 |
| 27) 1,2-Dichloroethane | 5.08 | 62 | 3715 | 1.076 | ug/L | 96 |
| 42) Toluene | 7.42 | 91 | 6525 | 0.705 | ug/L | 98 |
| 44) trans-1,3-Dichloropropene | 7.64 | 75 | 3478 | 1.009 | ug/L | 92 |
| 48) 2-Hexanone | 8.16 | 43 | 16037 | 6.394 | ug/L # | 85 |

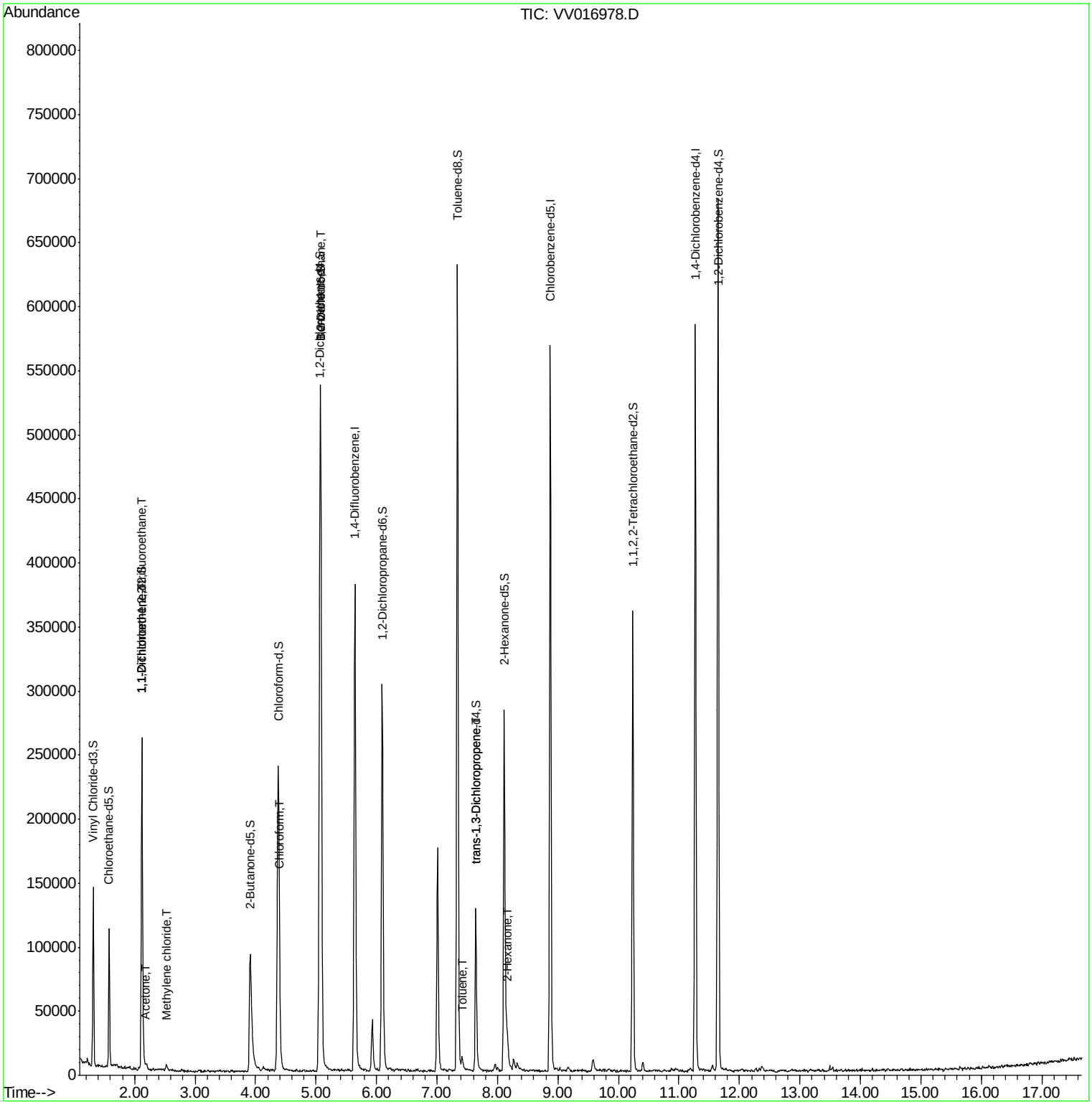
(#) = qualifier out of range (m) = manual integration (+) = signals summed

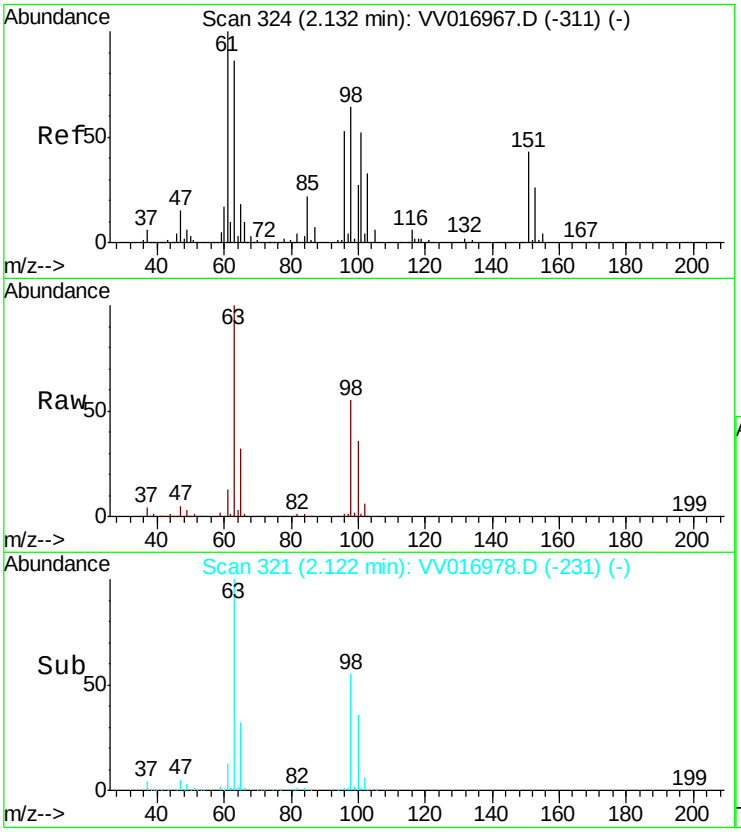
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061820\
Data File : VV016978.D
Acq On : 18 Jun 2020 14:46
Operator : SY/MD
Sample : L3039-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jun 19 04:37:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 19 04:33:43 2020
Response via : Initial Calibration



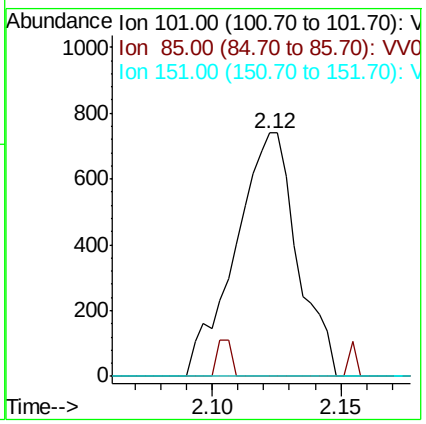


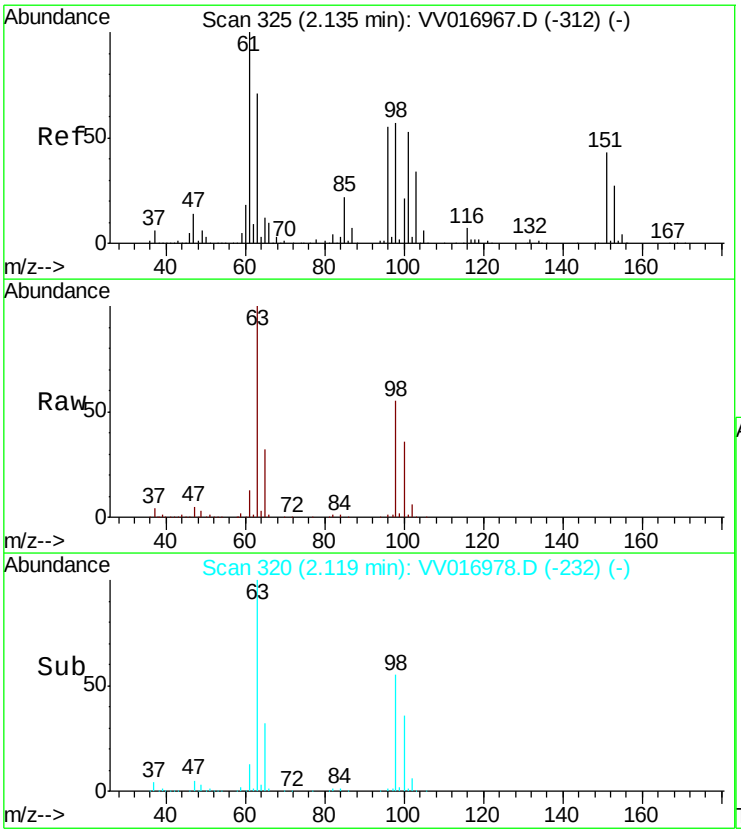

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.743 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV016978.D
Acq: 18 Jun 2020 14:46

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

Tgt Ion:101 Resp: 1243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 3.5 | 35.5 | 53.3# |
| 151 | 0.0 | 63.9 | 95.9# |

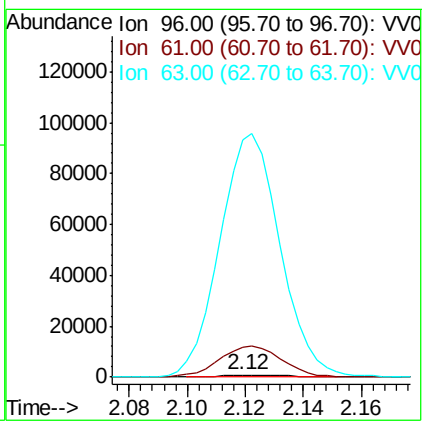


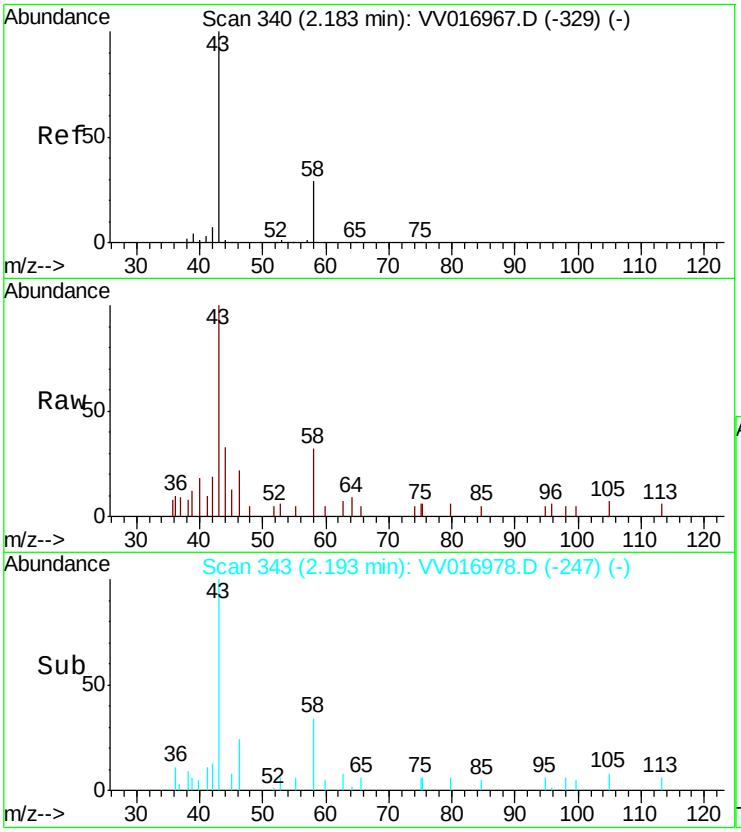




#12
1,1-Dichloroethene
Concen: 0.837 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.02 min
Lab File: VV016978.D
Acq: 18 Jun 2020 14:46

Tgt Ion: 96 Resp: 1307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1395.0 | 130.4 | 242.2# |
| 63 | 11032.6 | 103.3 | 191.9# |



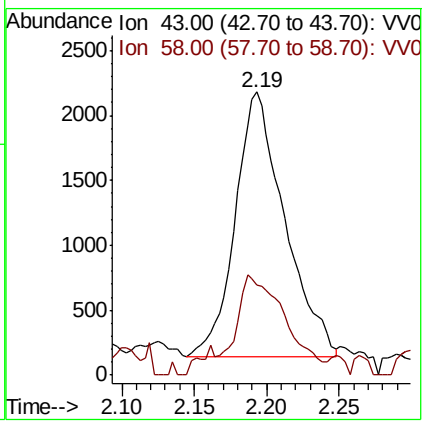


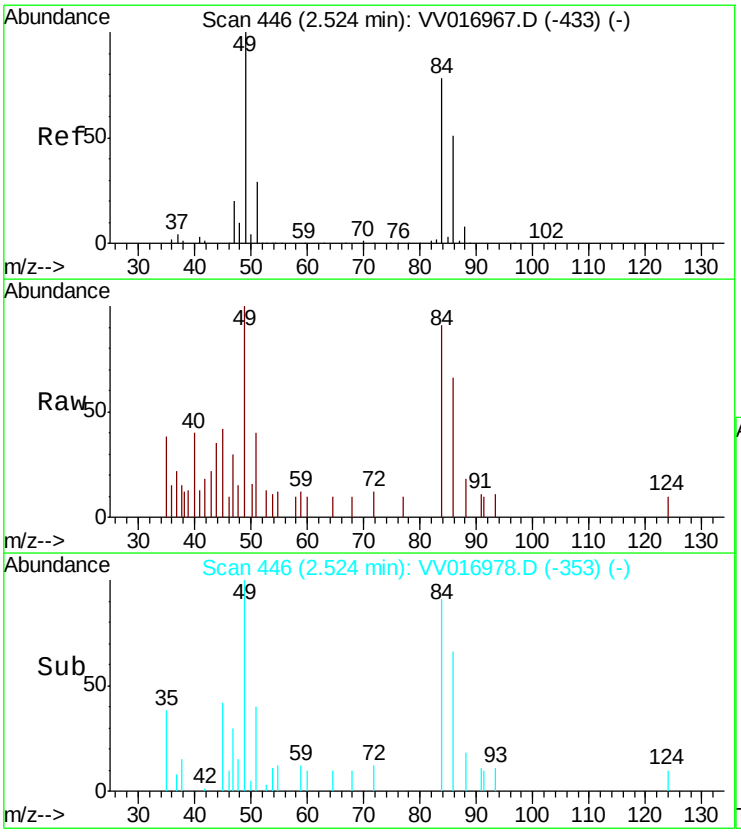

#13
Acetone
Concen: 4.482 ug/L
RT: 2.19 min Scan# 343
Delta R.T. 0.01 min
Lab File: VV016978.D
Acq: 18 Jun 2020 14:46

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

Tgt Ion: 43 Resp: 4851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 37.1 | 0.0 | 55.2 |

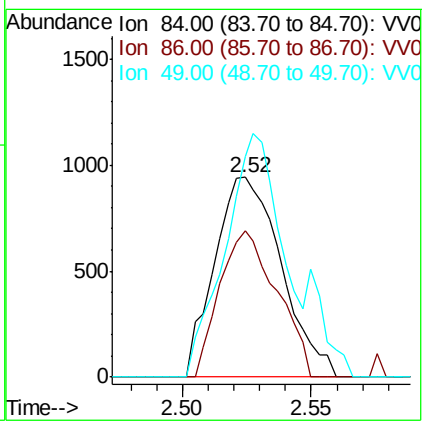


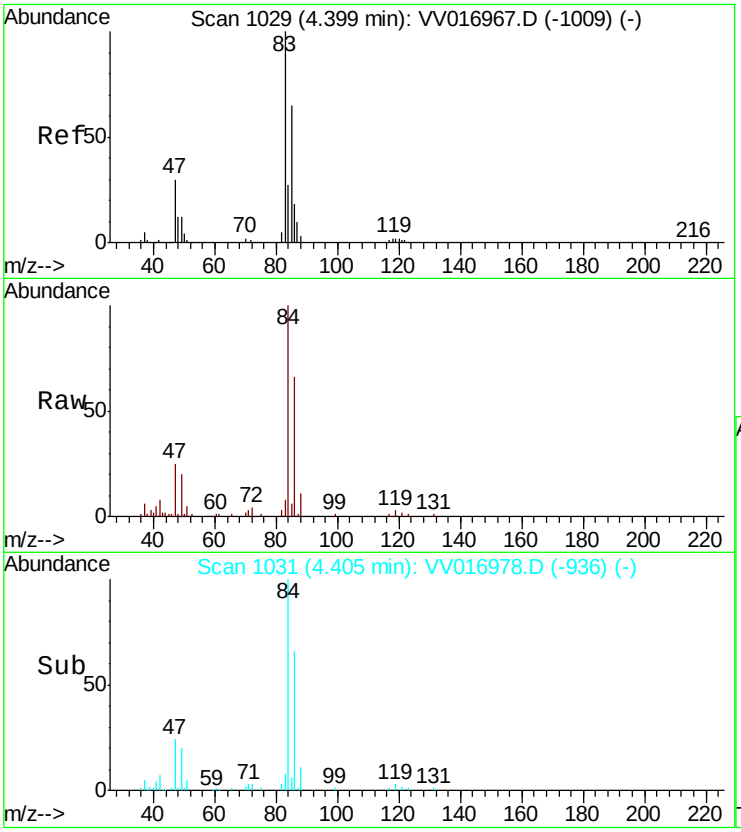




#16
Methylene chloride
Concen: 0.741 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV016978.D
Acq: 18 Jun 2020 14:46

Tgt Ion: 84 Resp: 1698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 73.1 | 44.0 | 81.8 |
| 49 | 110.4 | 90.9 | 168.9 |



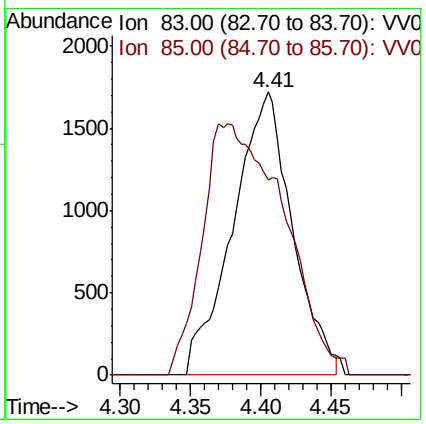


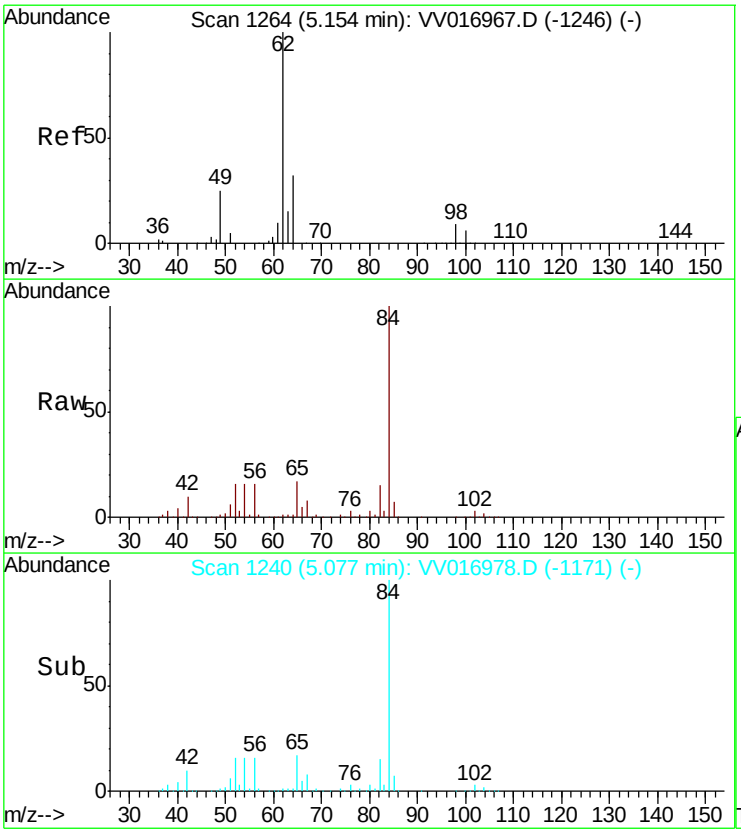

#25
Chloroform
Concen: 1.231 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV016978.D
Acq: 18 Jun 2020 14:46

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

Tgt Ion: 83 Resp: 5069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 68.8 | 44.1 | 81.9 |

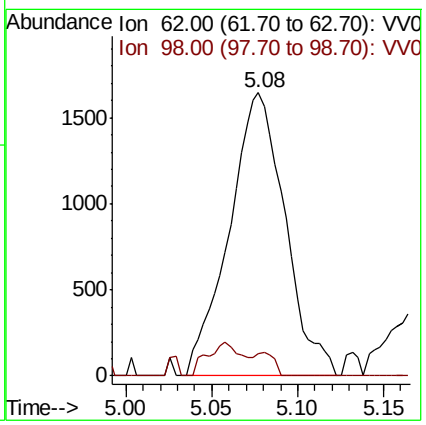


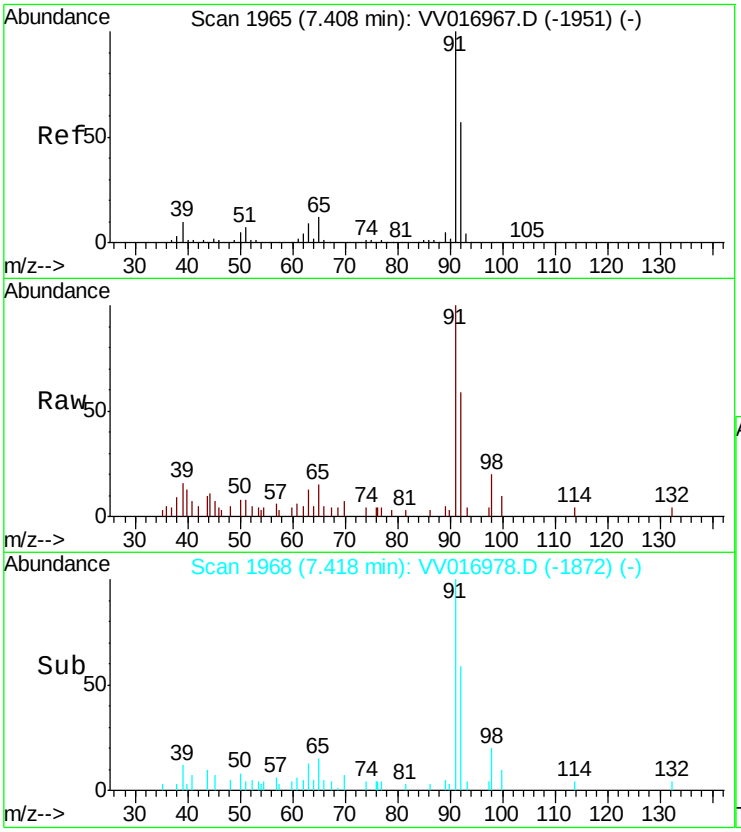




#27
1,2-Dichloroethane
Concen: 1.076 ug/L
RT: 5.08 min Scan# 1240
Delta R.T. -0.08 min
Lab File: VV016978.D
Acq: 18 Jun 2020 14:46

Tgt Ion: 62 Resp: 3715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 7.8 | 7.4 | 11.2 |



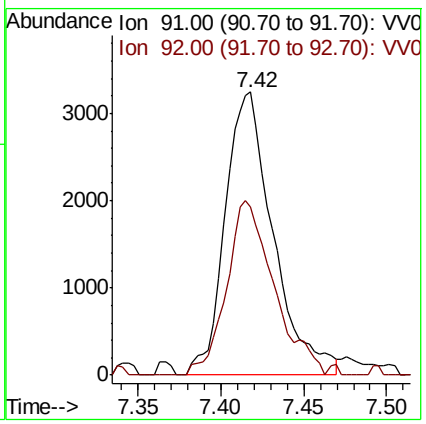


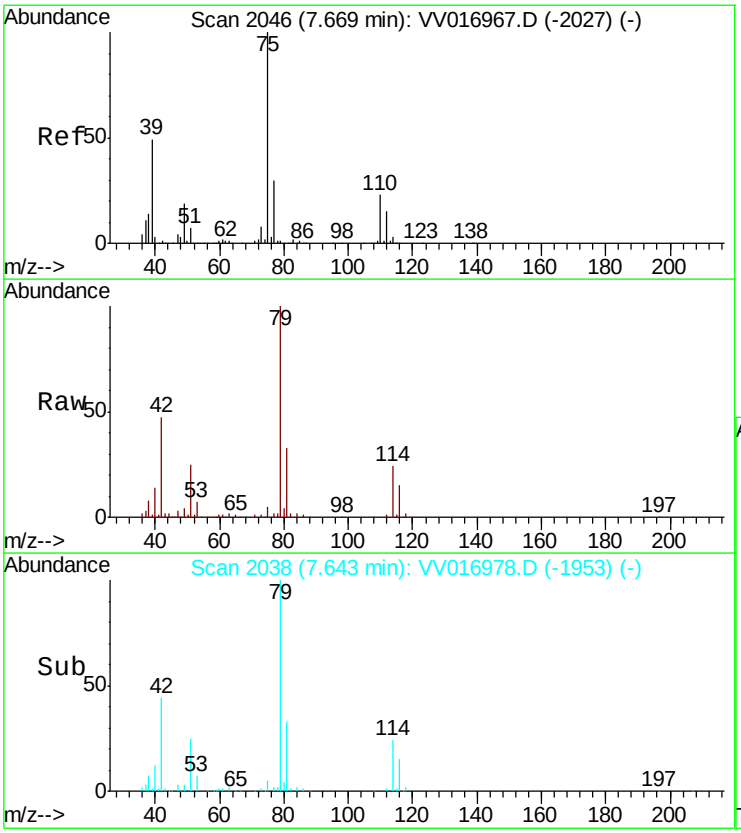

#42
Toluene
Concen: 0.705 ug/L
RT: 7.42 min Scan# 1968
Delta R.T. 0.01 min
Lab File: VV016978.D
Acq: 18 Jun 2020 14:46

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

Tgt Ion: 91 Resp: 6525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 59.2 | 40.4 | 75.0 |

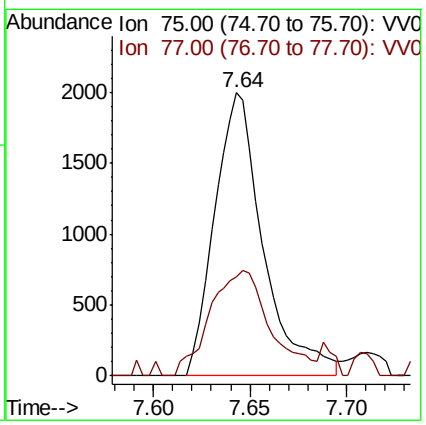


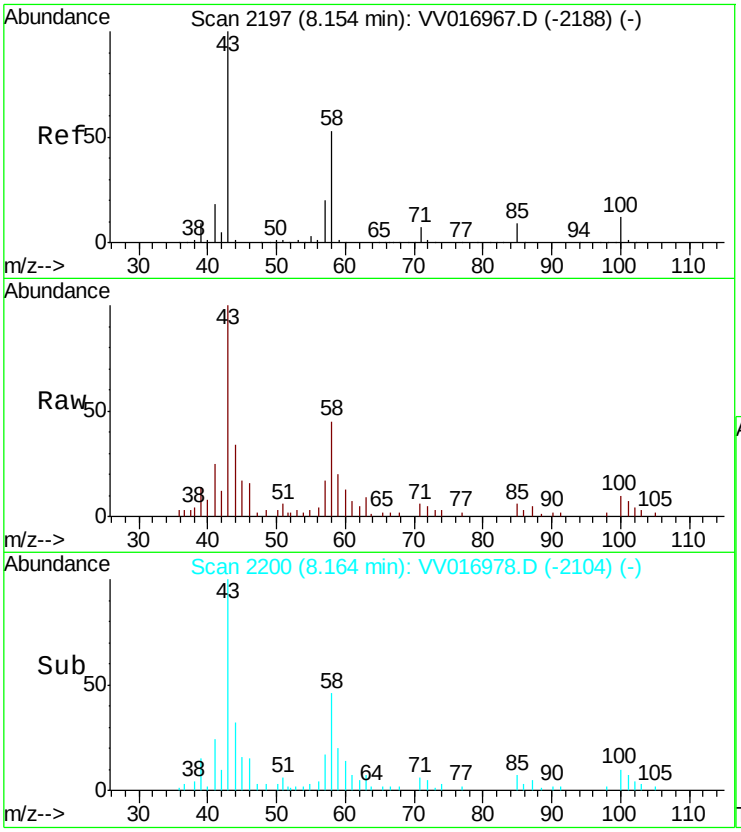




#44
trans-1,3-Dichloropropene
Concen: 1.009 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV016978.D
Acq: 18 Jun 2020 14:46

Tgt Ion: 75 Resp: 3478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 35.2 | 21.7 | 40.3 |






#48
2-Hexanone
Concen: 6.394 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV016978.D
Acq: 18 Jun 2020 14:46

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

Tgt Ion: 43 Resp: 16037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 45.8 | 43.1 | 64.7 |
| 57 | 5.7 | 15.3 | 22.9# |
| 100 | 8.1 | 10.0 | 15.0# |