Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091519\

Quantitation Report (Not Reviewed)

Data File : VV012807.D
Acq On : 15 Sep 2019 20:09
Operator : SY/MD
Sample : K4865-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** C0MJ7

Quant Time: Sep 16 08:18:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 16 08:14:10 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.66 | 114 | 399290 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.89 | 117 | 393907 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152 | 139085 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 203397 | 7.51 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 150.20%# | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 172342 | 7.69 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 153.80%# | | | |
| 11) 1,1-Dichloroethene-d2 | 2.13 | 63 | 250599 | 5.73 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 114.60% | | | |
| 20) 2-Butanone-d5 | 3.97 | 46 | 325556 | 49.95 | ug/L | -0.02 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 99.90% | | | |
| 24) Chloroform-d | 4.40 | 84 | 337231 | 6.85 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 137.00%# | | | |
| 26) 1,2-Dichloroethane-d4 | 5.08 | 65 | 167798 | 7.12 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 142.40%# | | | |
| 32) Benzene-d6 | 5.10 | 84 | 691236 | 7.34 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 146.80%# | | | |
| 36) 1,2-Dichloropropane-d6 | 6.12 | 67 | 210163 | 7.03 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 140.60%# | | | |
| 41) Toluene-d8 | 7.36 | 98 | 548182 | 6.50 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 130.00% | | | |
| 43) trans-1,3-Dichloropropene- | 7.66 | 79 | 62295 | 6.06 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 121.20% | | | |
| 46) 2-Hexanone-d5 | 8.14 | 63 | 195204 | 50.18 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 100.36% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26 | 84 | 111445 | 5.19 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 103.80% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.67 | 152 | 177130 | 7.44 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 148.80%# | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.25 | 50 | 5844 | 0.172 | ug/L | 96 |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.13 | 101 | 2491 | 0.096 | ug/L # | 20 |
| 14) Carbon disulfide | 2.31 | 76 | 8084 | 0.121 | ug/L # | 92 |
| 25) Chloroform | 4.42 | 83 | 8460 | 0.146 | ug/L | 95 |
| 27) 1,2-Dichloroethane | 5.09 | 62 | 3978 | 0.131 | ug/L | 94 |
| 35) Methylcyclohexane | 6.12 | 83 | 48860 | 1.087 | ug/L # | 18 |
| 37) 1,2-Dichloropropane | 6.12 | 63 | 22662 | 0.790 | ug/L # | 87 |
| 44) trans-1,3-Dichloropropene | 7.66 | 75 | 2945 | 0.104 | ug/L | 88 |
| 48) 2-Hexanone | 8.19 | 43 | 70045 | 6.158 | ug/L # | 85 |

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

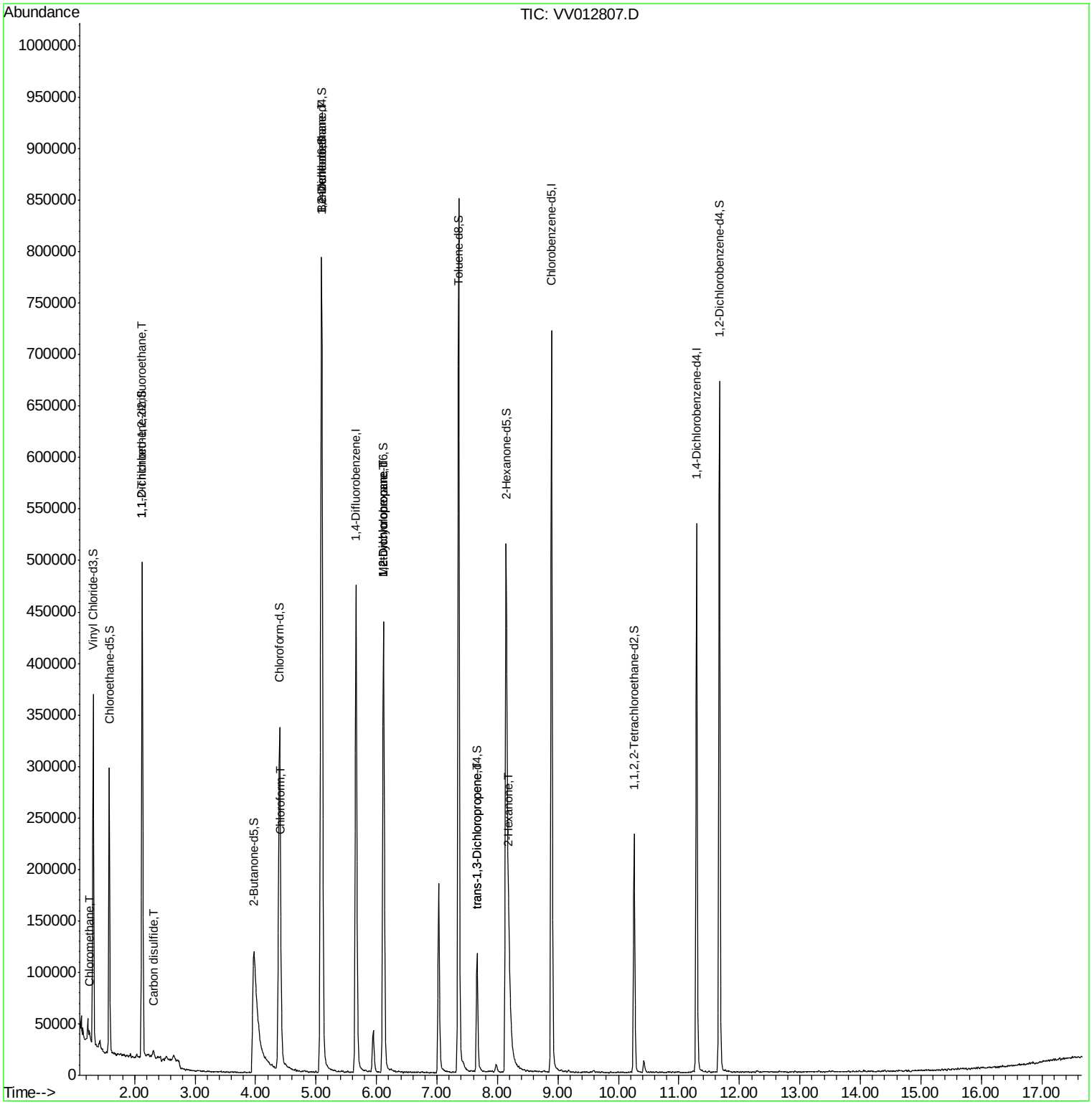
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091519\

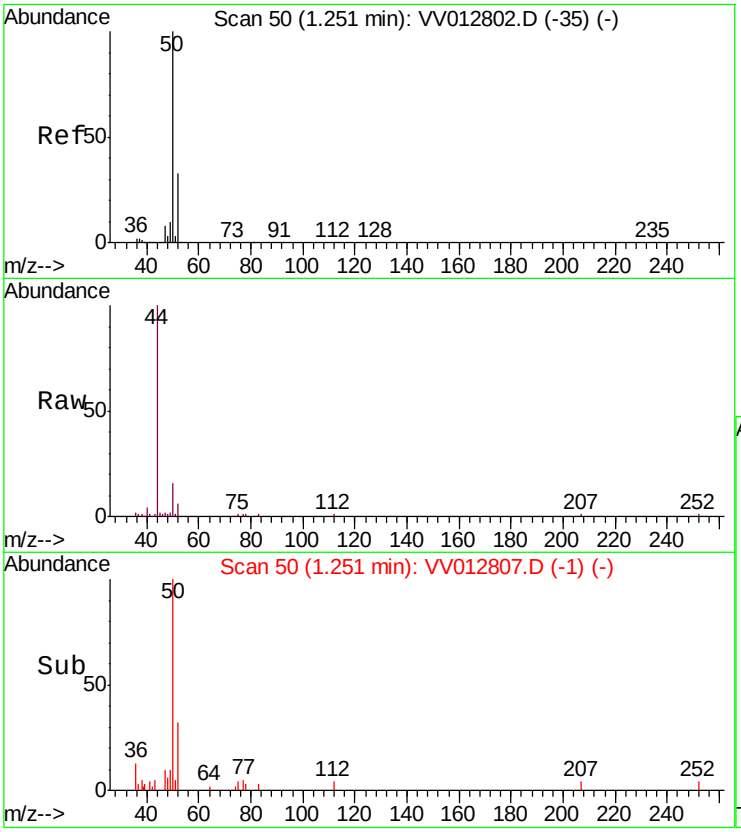
Quantitation Report (Not Reviewed)

Data File : VV012807.D
Acq On : 15 Sep 2019 20:09
Operator : SY/MD
Sample : K4865-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** C0MJ7

Quant Time: Sep 16 08:18:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 16 08:14:10 2019
Response via : Initial Calibration



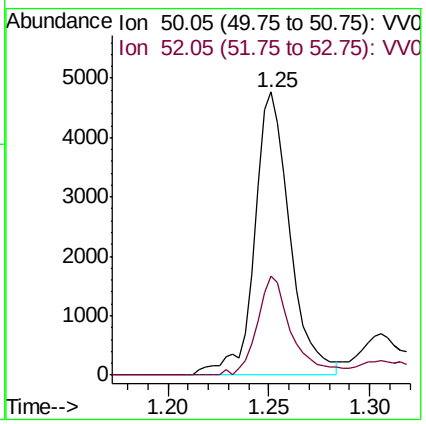


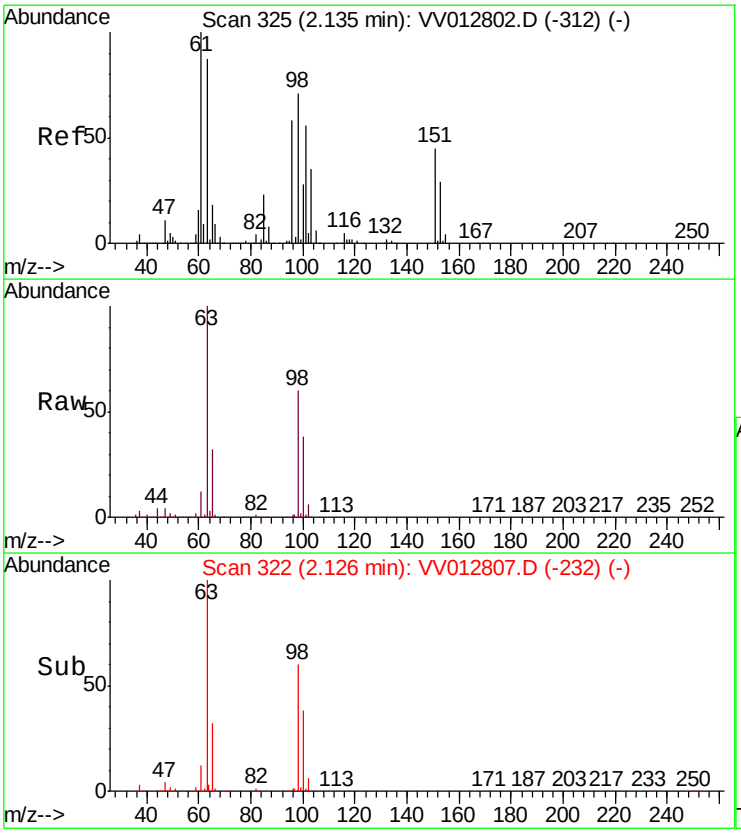

#3
Chloromethane
Concen: 0.172 ug/L
RT: 1.25 min Scan# 50
Delta R.T. -0.00 min
Lab File: VV012807.D
Acq: 15 Sep 2019 20:09

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0MJ7

Tgt Ion: 50 Resp: 5844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 35.0 | 22.9 | 42.5 |

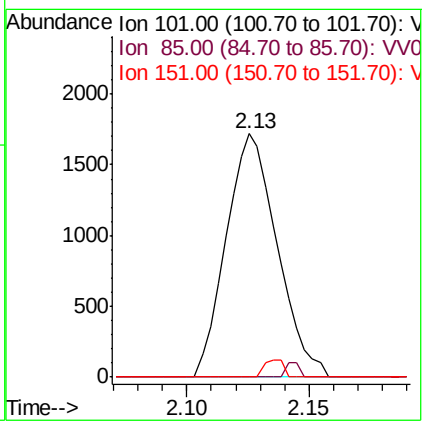


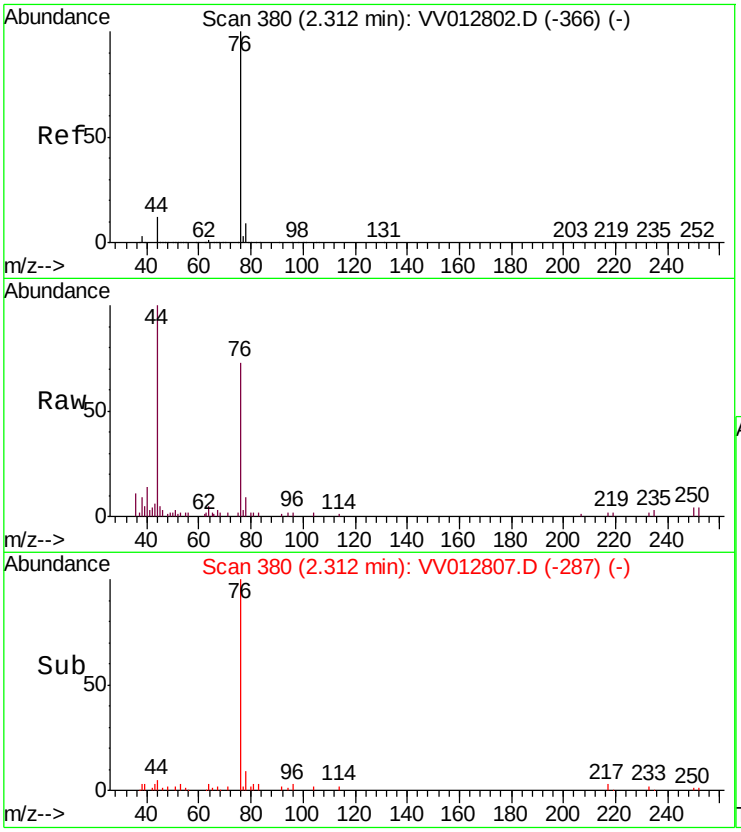




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.096 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV012807.D
Acq: 15 Sep 2019 20:09

Tgt Ion:101 Resp: 2491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 1.6 | 33.0 | 49.6# |
| 151 | 2.6 | 65.8 | 98.8# |



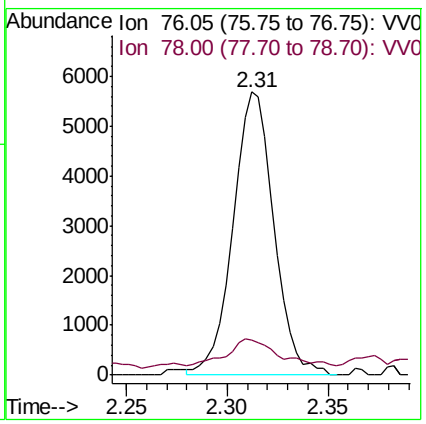


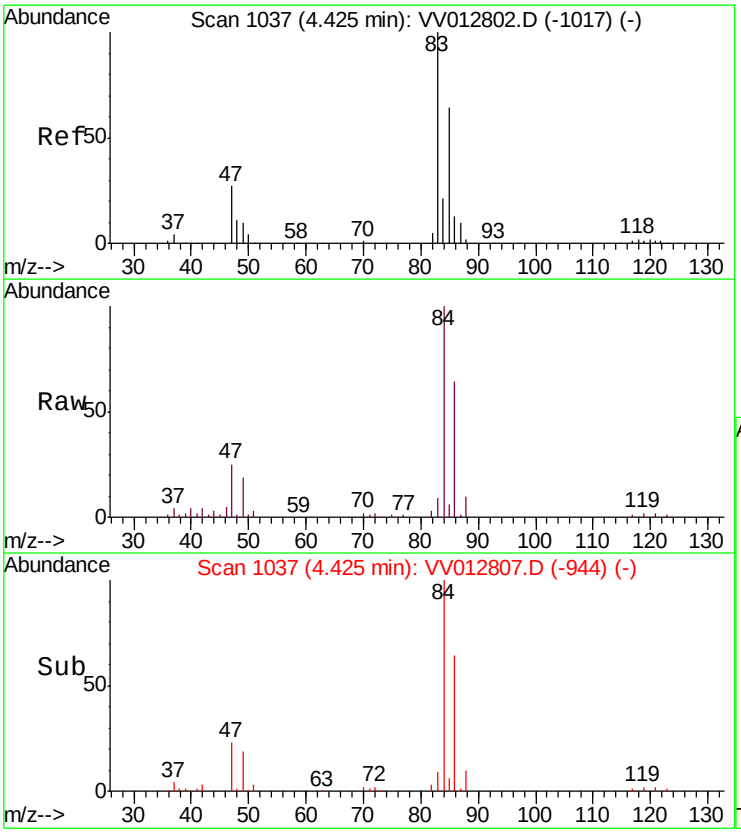

#14
Carbon disulfide
Concen: 0.121 ug/L
RT: 2.31 min Scan# 380
Delta R.T. -0.00 min
Lab File: VV012807.D
Acq: 15 Sep 2019 20:09

**Instrument :** MSVOA_V
**ClientSampleId :** C0MJ7

Tgt Ion: 76 Resp: 8084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 12.4 | 7.4 | 11.2# |

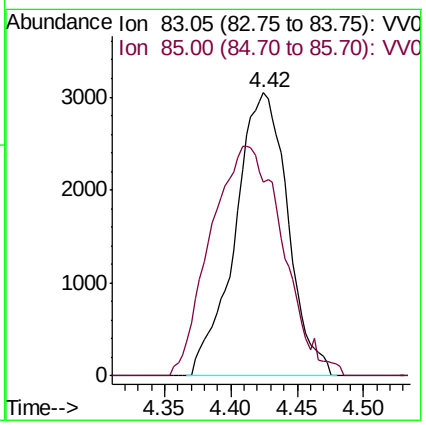


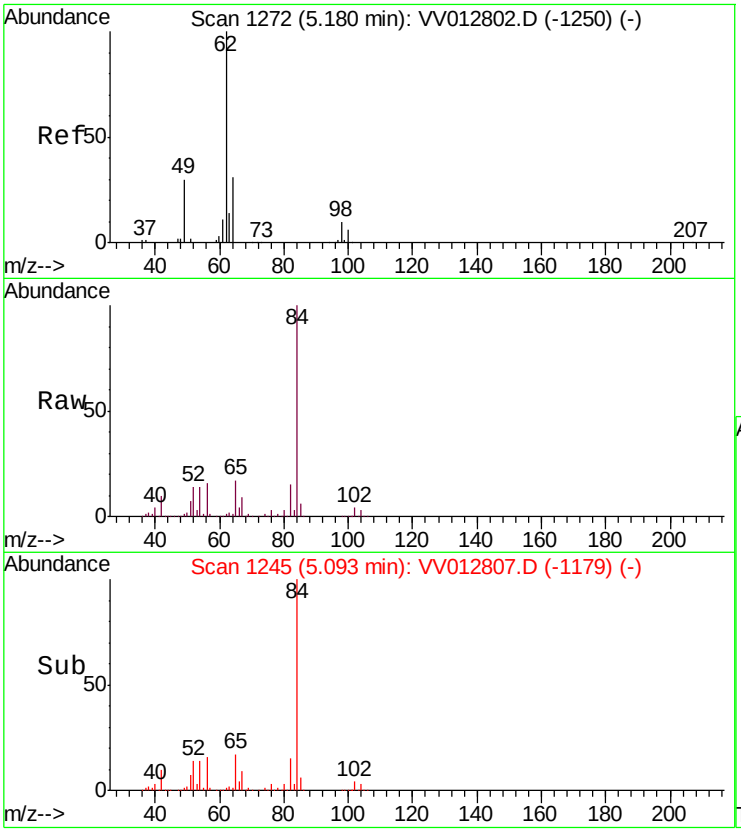




#25
Chloroform
Concen: 0.146 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV012807.D
Acq: 15 Sep 2019 20:09

Tgt Ion: 83 Resp: 8460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 68.6 | 45.3 | 84.1 |



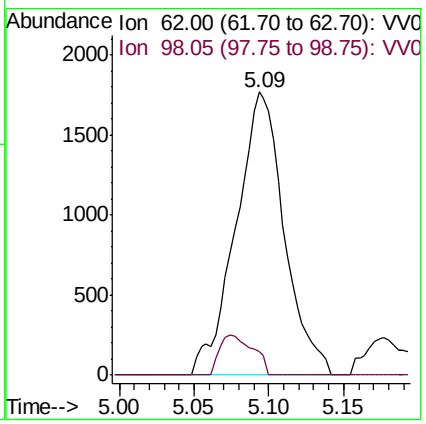


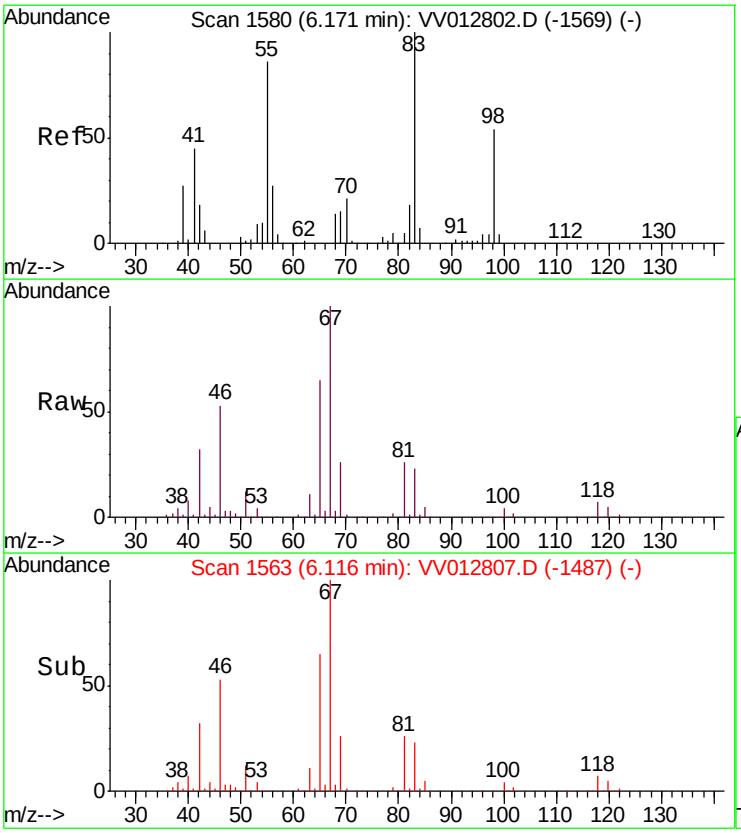

#27
1,2-Dichloroethane
Concen: 0.131 ug/L
RT: 5.09 min Scan# 1245
Delta R.T. -0.09 min
Lab File: VV012807.D
Acq: 15 Sep 2019 20:09

**Instrument :** MSVOA_V
**ClientSampleId :** C0MJ7

Tgt Ion: 62 Resp: 3978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.4 | 8.4 | 12.6 |

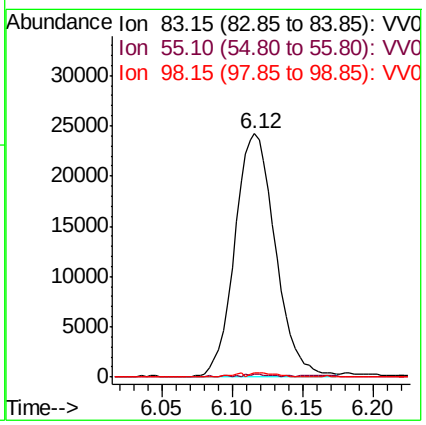


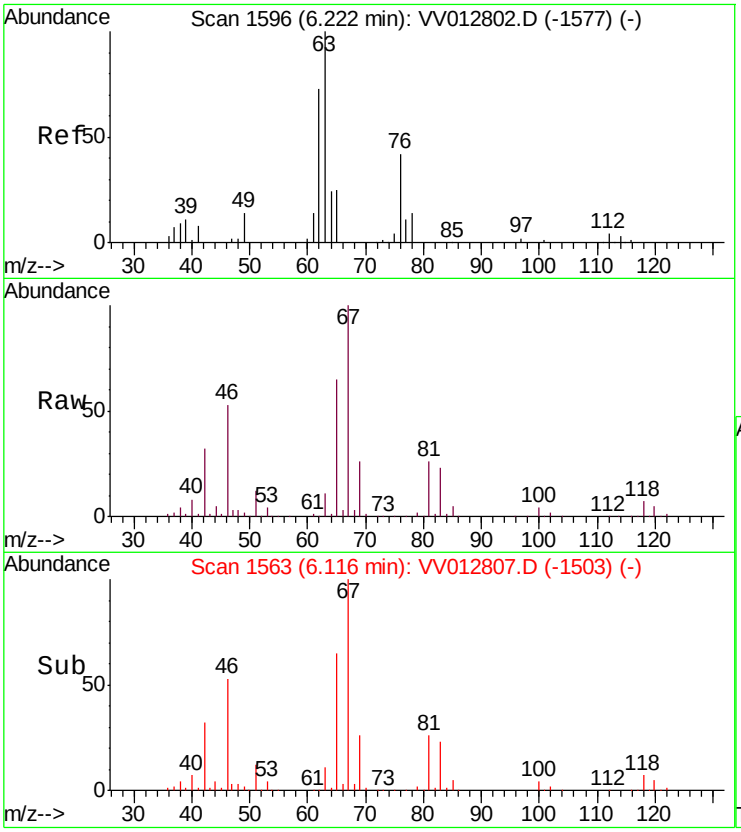




#35
Methylcyclohexane
Concen: 1.087 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012807.D
Acq: 15 Sep 2019 20:09

Tgt Ion: 83 Resp: 48860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.8 | 63.0 | 94.4# |
| 98 | 1.2 | 39.8 | 59.8# |



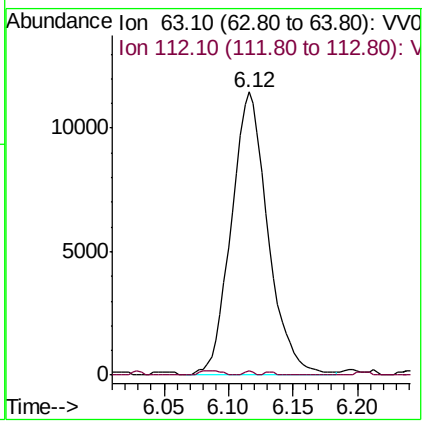


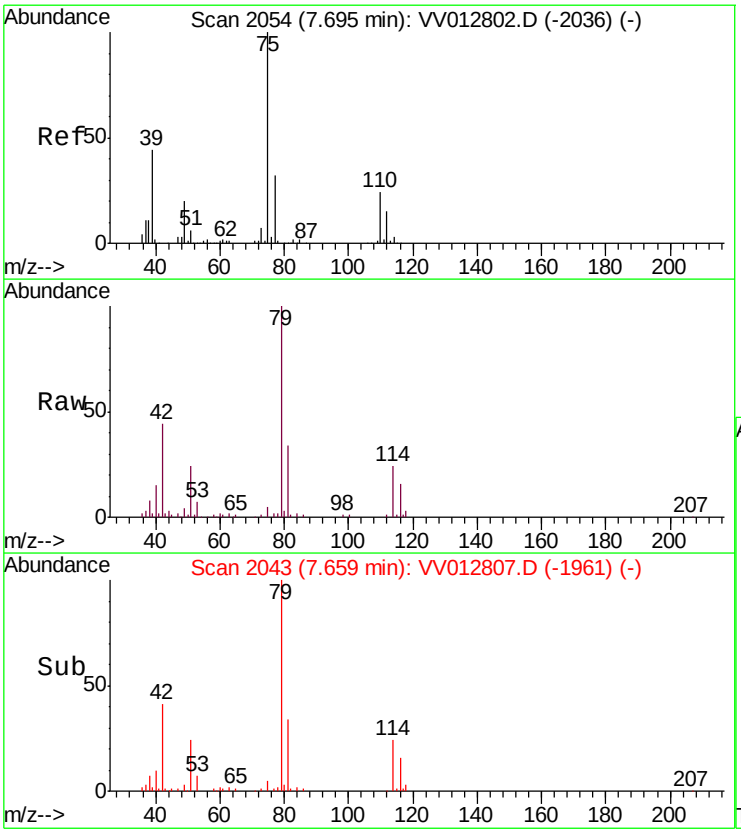

#37
1,2-Dichloropropane
Concen: 0.790 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV012807.D
Acq: 15 Sep 2019 20:09

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0MJ7

Tgt Ion: 63 Resp: 22662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.4 | 3.8 | 5.6# |

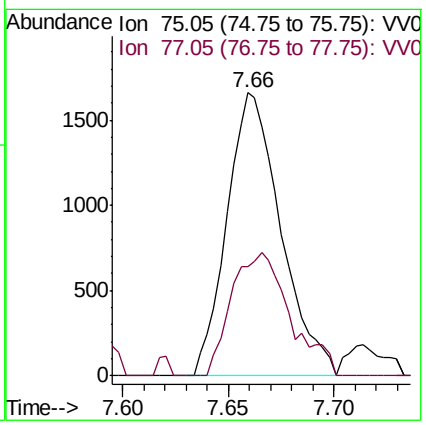


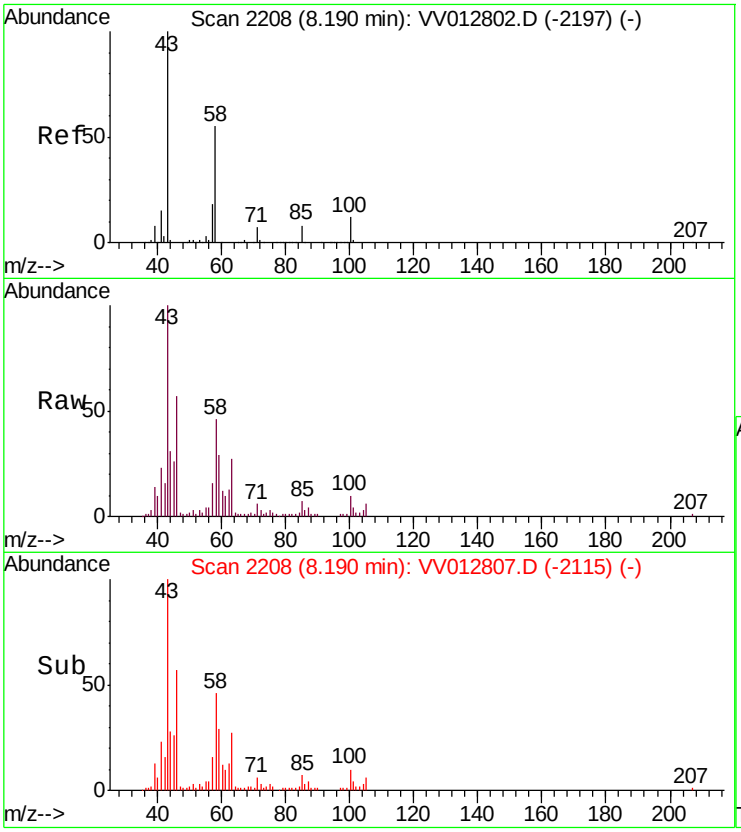




#44
trans-1,3-Dichloropropene
Concen: 0.104 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.04 min
Lab File: VV012807.D
Acq: 15 Sep 2019 20:09

Tgt Ion: 75 Resp: 2945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 38.7 | 22.4 | 41.6 |






#48
2-Hexanone
Concen: 6.158 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VV012807.D
Acq: 15 Sep 2019 20:09

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0MJ7

Tgt Ion: 43 Resp: 70045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 42.1 | 44.8 | 67.2# |
| 57 | 15.2 | 14.9 | 22.3 |
| 100 | 9.8 | 9.8 | 14.8# |