Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV083019\

Quantitation Report (Not Reviewed)

Data File : VV012477.D
Acq On : 31 Aug 2019 04:07
Operator : SY/MD
Sample : K4605-03
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

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

Quant Time: Aug 31 05:17:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 31 05:14:34 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.66 | 114 | 215826 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.89 | 117 | 218162 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152 | 84915 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 61437 | 3.19 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 63.80% | | | |
| 7) Chloroethane-d5 | 1.59 | 69 | 49374 | 3.55 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 71.00% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.13 | 63 | 77420 | 2.45 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 49.00%# | | | |
| 20) 2-Butanone-d5 | 3.96 | 46 | 169552 | 43.25 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 86.50% | | | |
| 24) Chloroform-d | 4.40 | 84 | 126656 | 3.83 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 76.60% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.08 | 65 | 63946 | 3.98 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 79.60% | | | |
| 32) Benzene-d6 | 5.10 | 84 | 232767 | 3.57 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 71.40% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.12 | 67 | 80272 | 3.88 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 77.60% | | | |
| 41) Toluene-d8 | 7.36 | 98 | 191312 | 3.26 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 65.20%# | | | |
| 43) trans-1,3-Dichloropropene- | 7.67 | 79 | 24396 | 3.34 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 66.80% | | | |
| 46) 2-Hexanone-d5 | 8.14 | 63 | 102425 | 35.66 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 71.32% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26 | 84 | 55899 | 3.81 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 76.20% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.67 | 152 | 71616 | 4.34 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 86.80% | | | |

| Target Compounds | | | | | | Qvalue |
|---|---|---|---|---|---|---|
| 3) Chloromethane | 1.25 | 50 | 7939 | 0.278 | ug/L | 96 |
| 13) Acetone | 2.22 | 43 | 7780 | 2.716 | ug/L | 97 |
| 35) Methylcyclohexane | 6.12 | 83 | 18937 | 0.541 | ug/L # | 16 |
| 37) 1,2-Dichloropropane | 6.12 | 63 | 8797 | 0.374 | ug/L # | 88 |
| 44) trans-1,3-Dichloropropene | 7.67 | 75 | 1233 | 0.052 | ug/L | 97 |
| 48) 2-Hexanone | 8.14 | 43 | 15895 | 1.748 | ug/L # | 74 |

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

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Sample : K4605-03
Misc : 25mL/MSVOA_V/WATER
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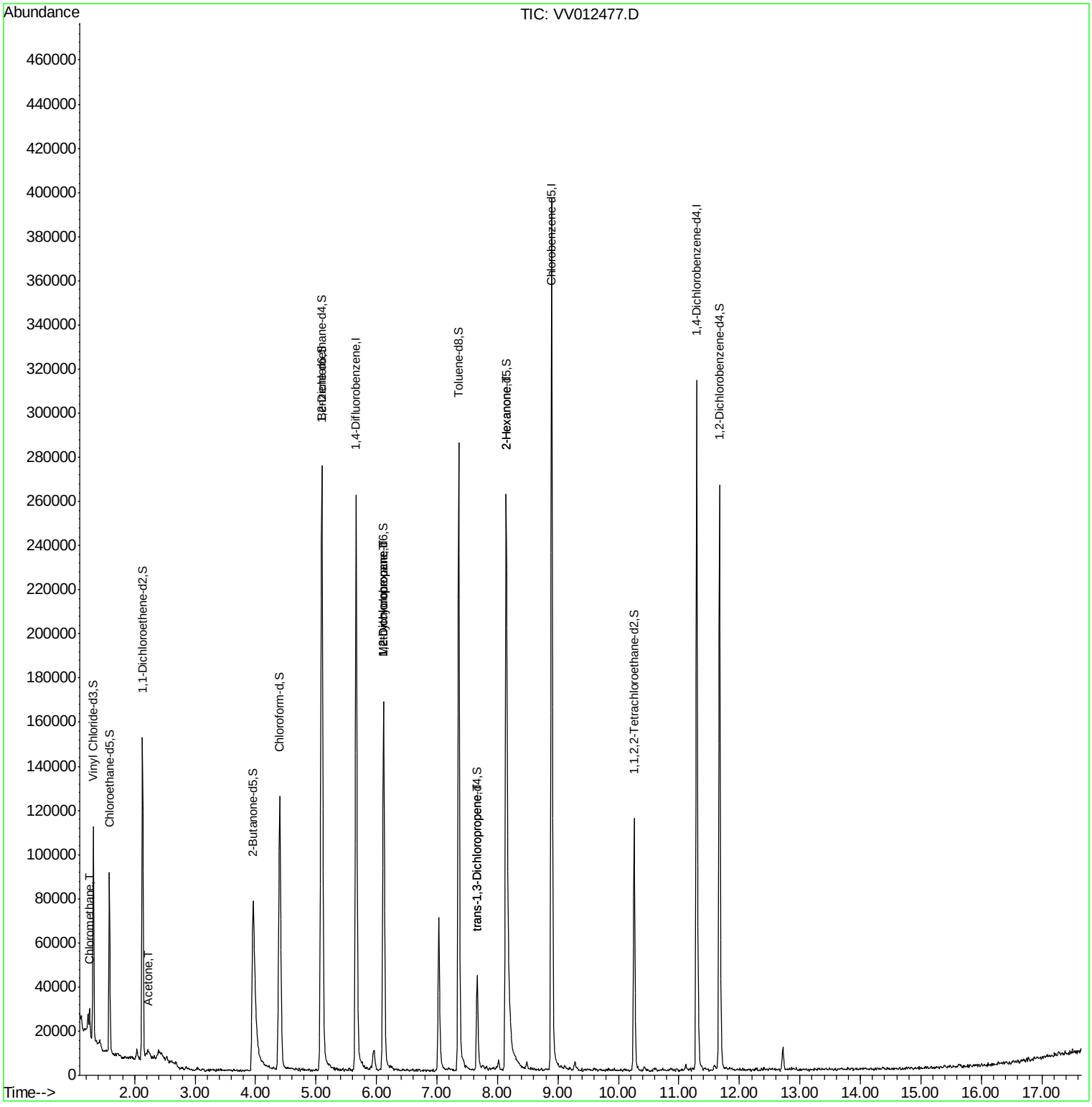
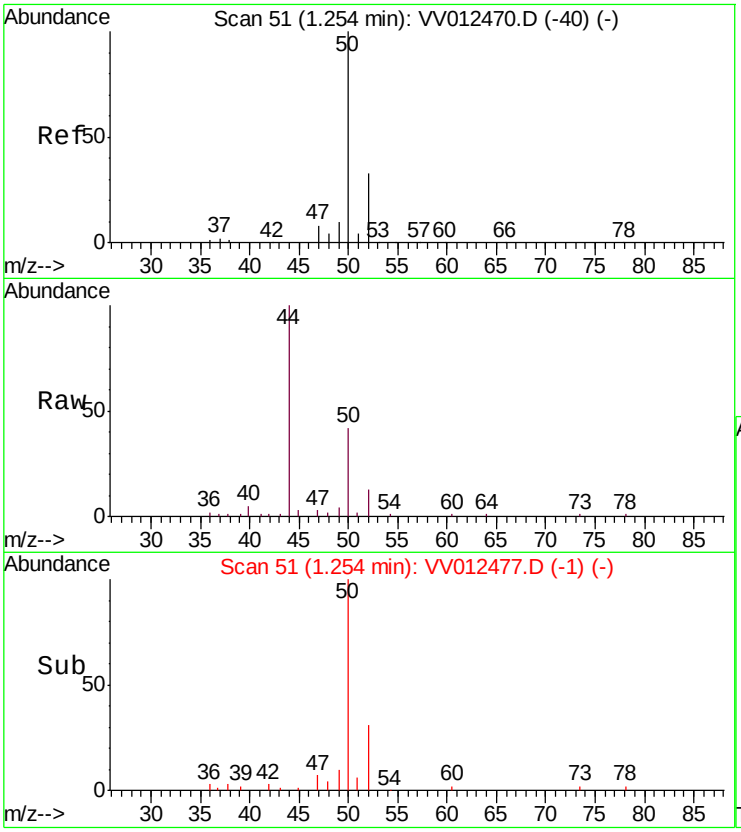
**Instrument :**
MSVOA_V
**ClientSampleId :**

Quant Time: Aug 31 05:17:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 31 05:14:34 2019
Response via : Initial Calibration



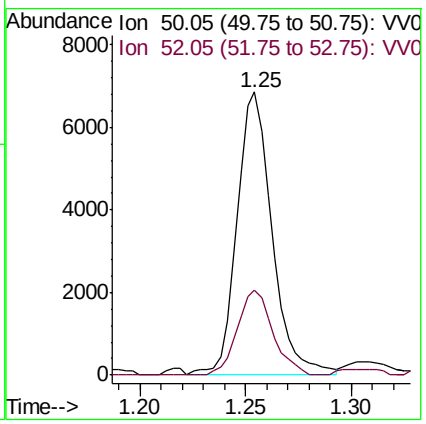


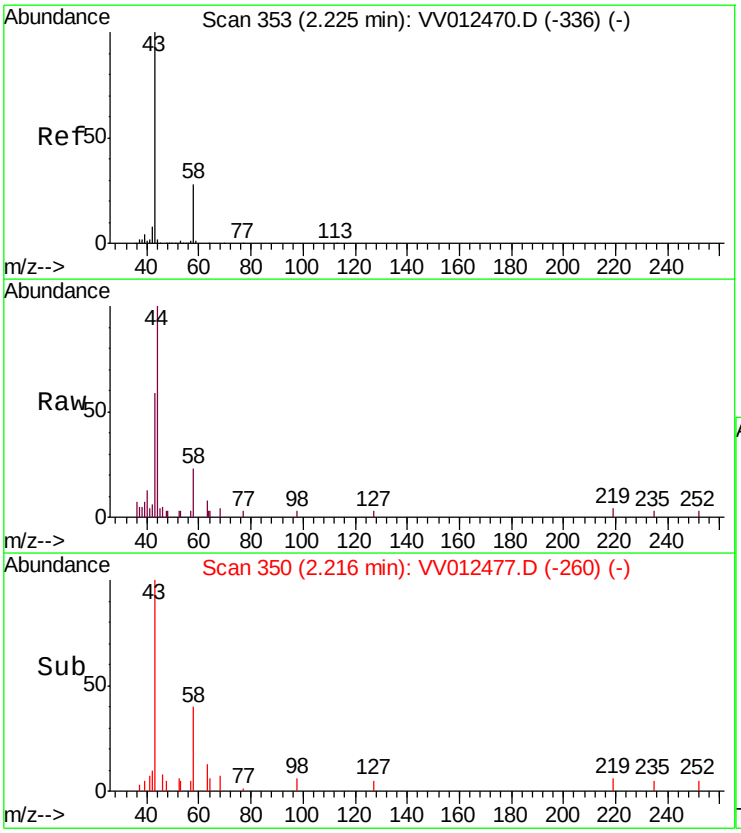

#3
Chloromethane
Concen: 0.278 ug/L
RT: 1.25 min Scan# 51
Delta R.T. -0.00 min
Lab File: VV012477.D
Acq: 31 Aug 2019 04:07

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

Tgt Ion: 50 Resp: 7939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 30.2 | 22.5 | 41.9 |

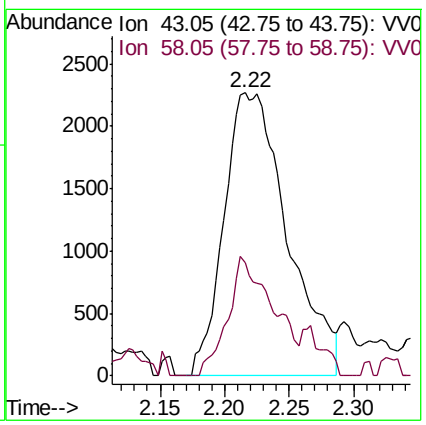


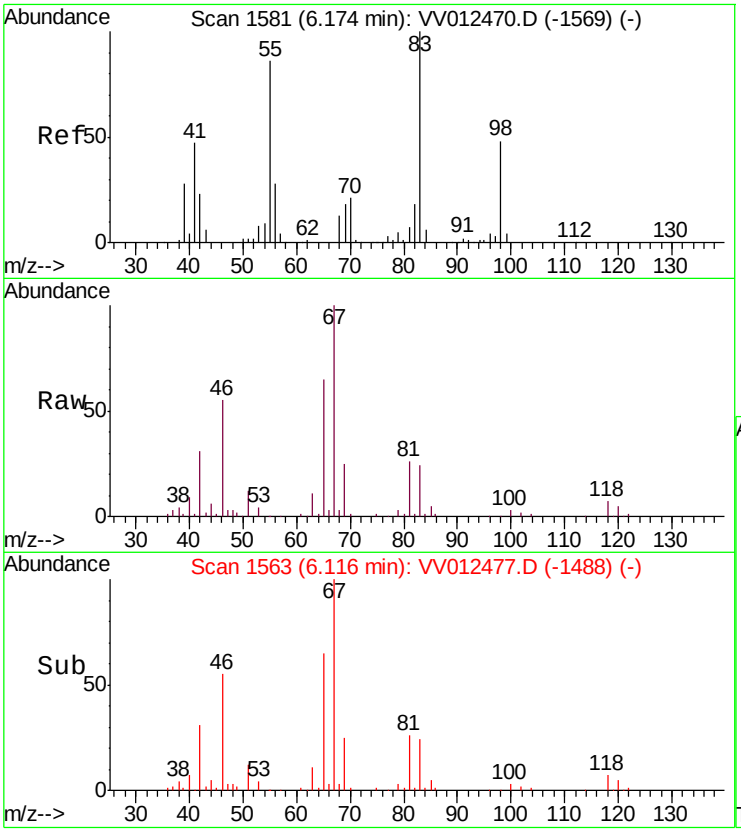




#13
Acetone
Concen: 2.716 ug/L
RT: 2.22 min Scan# 350
Delta R.T. -0.01 min
Lab File: VV012477.D
Acq: 31 Aug 2019 04:07

Tgt Ion: 43 Resp: 7780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.2 | 0.0 | 56.8 |



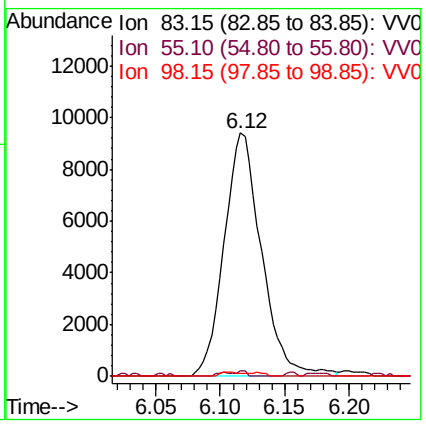


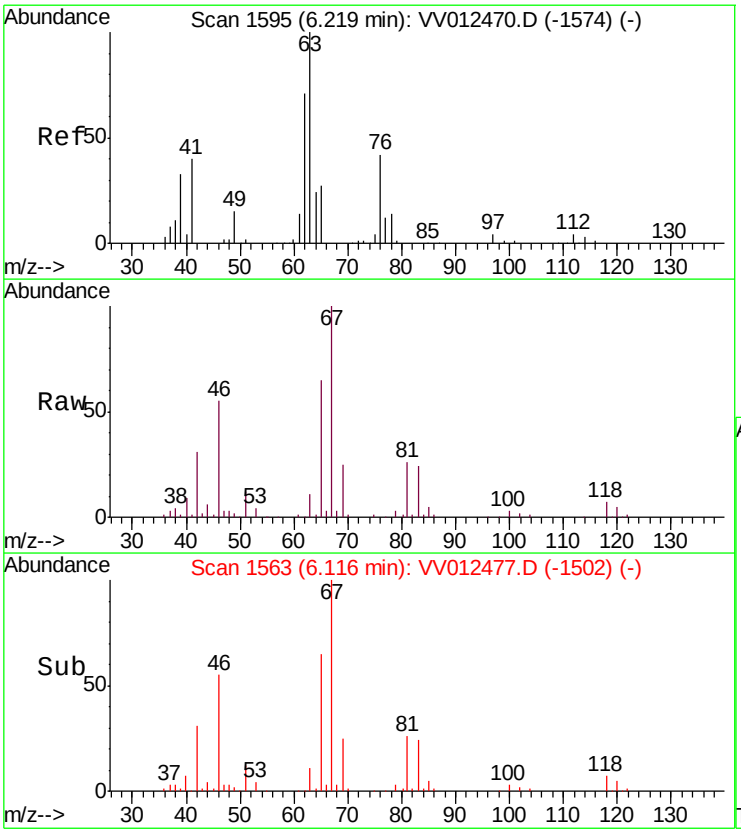

#35
Methylcyclohexane
Concen: 0.541 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012477.D
Acq: 31 Aug 2019 04:07

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

Tgt Ion: 83 Resp: 18937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.5 | 67.8 | 101.6# |
| 98 | 0.8 | 39.2 | 58.8# |

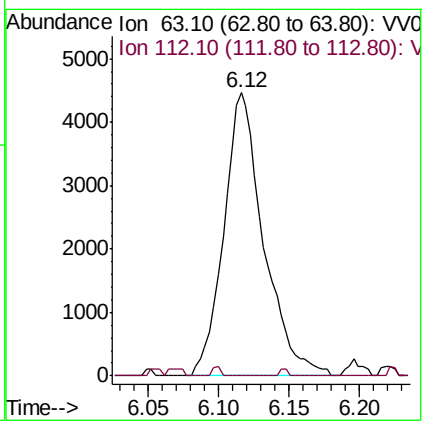


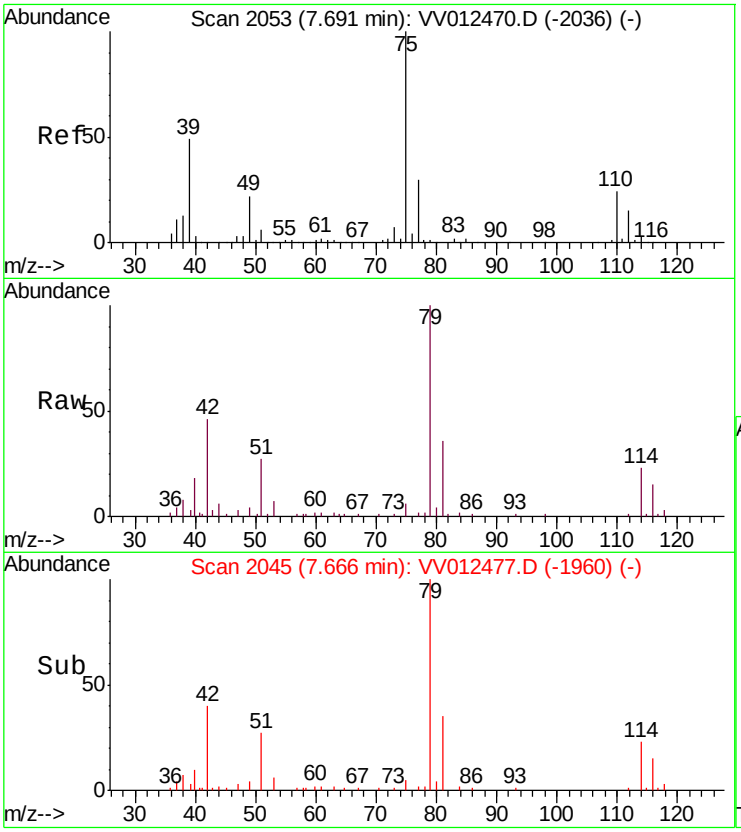




#37
1,2-Dichloropropane
Concen: 0.374 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012477.D
Acq: 31 Aug 2019 04:07

Tgt Ion: 63 Resp: 8797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.6 | 3.7 | 5.5# |



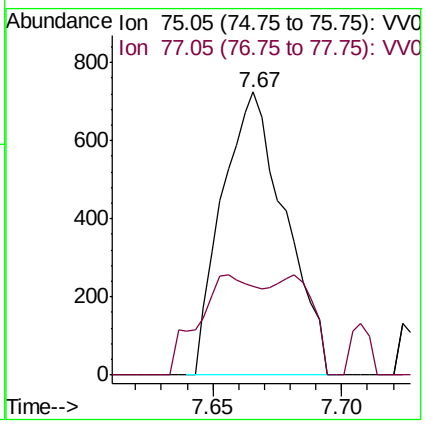


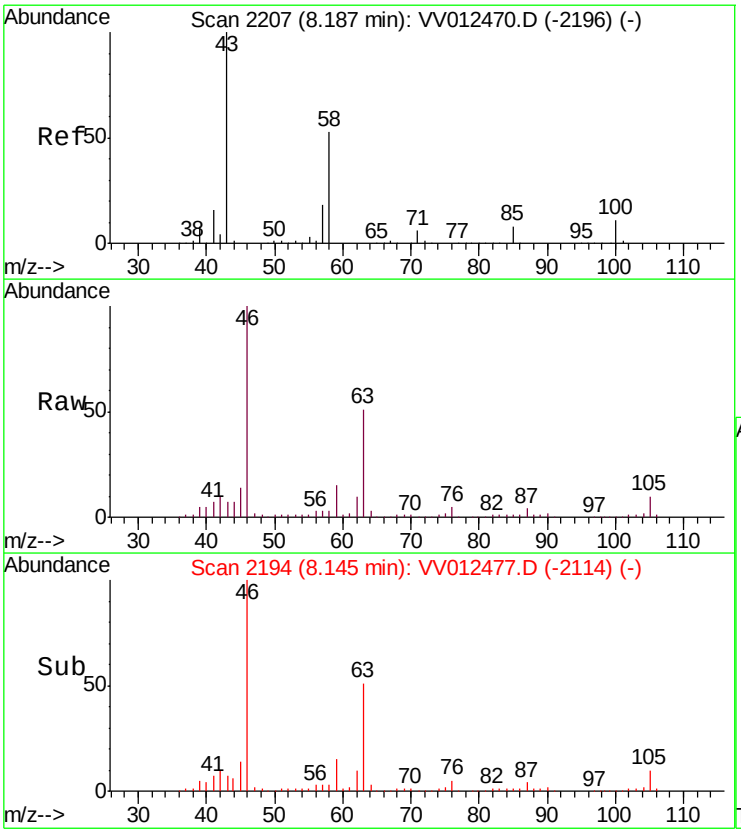

#44
trans-1,3-Dichloropropene
Concen: 0.052 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV012477.D
Acq: 31 Aug 2019 04:07

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

Tgt Ion: 75 Resp: 1233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.2 | 20.6 | 38.4 |




#48
2-Hexanone
Concen: 1.748 ug/L
RT: 8.14 min Scan# 2194
Delta R.T. -0.04 min
Lab File: VV012477.D
Acq: 31 Aug 2019 04:07

Tgt Ion: 43 Resp: 15895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.4 | 43.6 | 65.4# |
| 57 | 35.6 | 14.2 | 21.2# |
| 100 | 2.2 | 8.9 | 13.3# |