Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091819\

Quantitation Report (Not Reviewed)

Data File : VV012903.D
Acq On : 18 Sep 2019 18:34
Operator : SY/MD
Sample : K4954-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** CWK26

Quant Time: Sep 19 02:00:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 19 01:01:31 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.66 | 114 | 374320 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.89 | 117 | 364559 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152 | 128437 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 156126 | 4.21 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 84.20% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 137892 | 4.72 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 94.40% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.13 | 63 | 197812 | 3.62 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 72.40% | | | |
| 20) 2-Butanone-d5 | 3.99 | 46 | 73391 | 9.46 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 18.92%# | | | |
| 24) Chloroform-d | 4.40 | 84 | 282651 | 4.67 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 93.40% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.08 | 65 | 144239 | 4.88 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 97.60% | | | |
| 32) Benzene-d6 | 5.10 | 84 | 566738 | 4.69 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 93.80% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.12 | 67 | 180394 | 4.90 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 98.00% | | | |
| 41) Toluene-d8 | 7.36 | 98 | 450425 | 4.20 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 84.00% | | | |
| 43) trans-1,3-Dichloropropene- | 7.67 | 79 | 55633 | 4.21 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 84.20% | | | |
| 46) 2-Hexanone-d5 | 8.14 | 63 | 232503 | 41.82 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 83.64% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26 | 84 | 127190 | 4.47 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 89.40% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.67 | 152 | 148180 | 5.34 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 106.80% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.25 | 50 | 9628 | 0.370 | ug/L | 96 |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.13 | 101 | 2138 | 0.097 | ug/L # | 18 |
| 12) 1,1-Dichloroethene | 2.13 | 96 | 1962 | 0.098 | ug/L # | 1 |
| 35) Methylcyclohexane | 6.12 | 83 | 41787 | 1.278 | ug/L # | 18 |
| 37) 1,2-Dichloropropane | 6.12 | 63 | 19373 | 0.752 | ug/L # | 86 |
| 39) cis-1,3-Dichloropropene | 7.03 | 75 | 4329 | 0.127 | ug/L # | 64 |
| 44) trans-1,3-Dichloropropene | 7.66 | 75 | 2158 | 0.079 | ug/L | 97 |
| 48) 2-Hexanone | 8.14 | 43 | 40590 | 3.384 | ug/L # | 84 |

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091819\

Quantitation Report (Not Reviewed)

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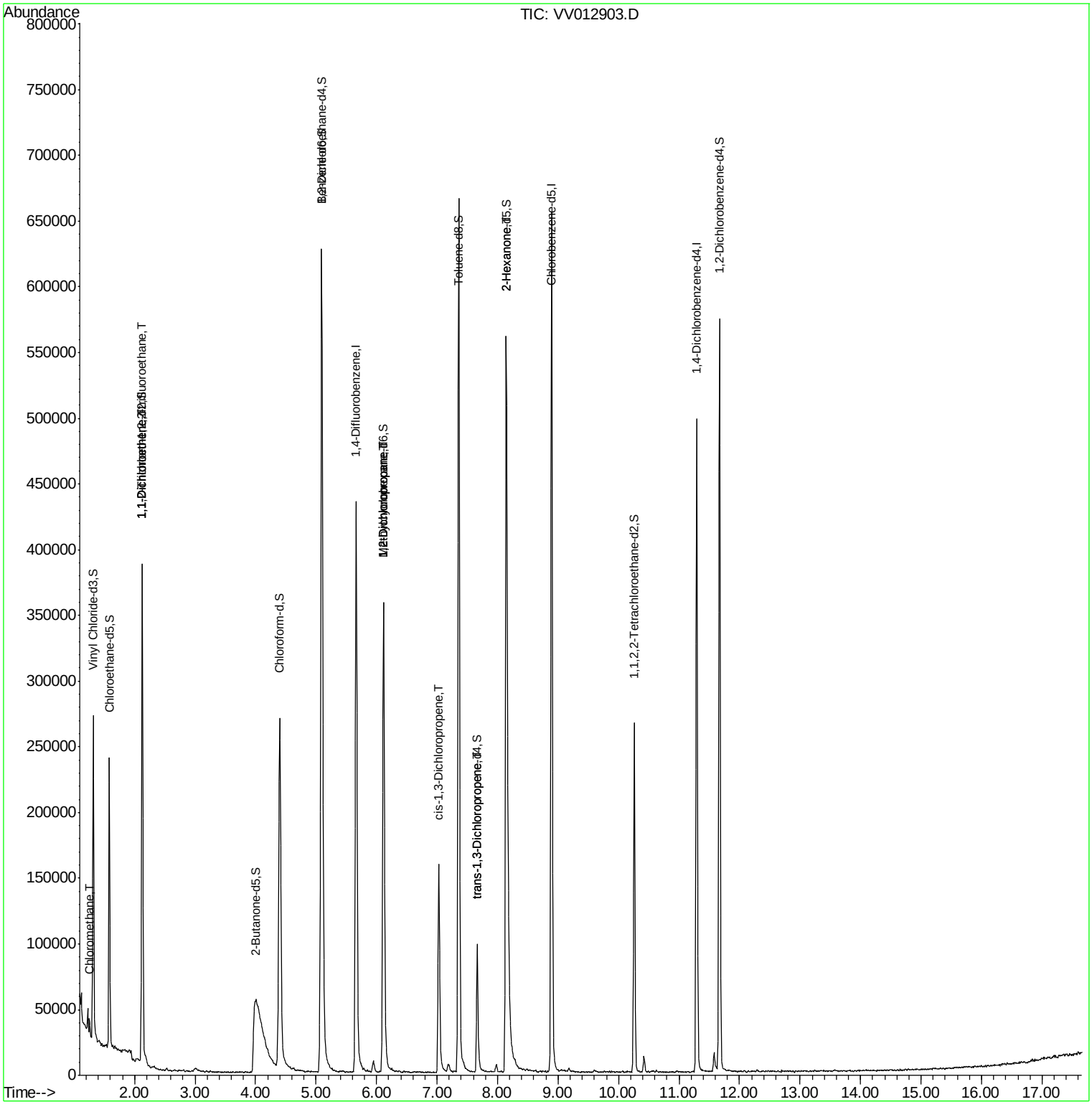
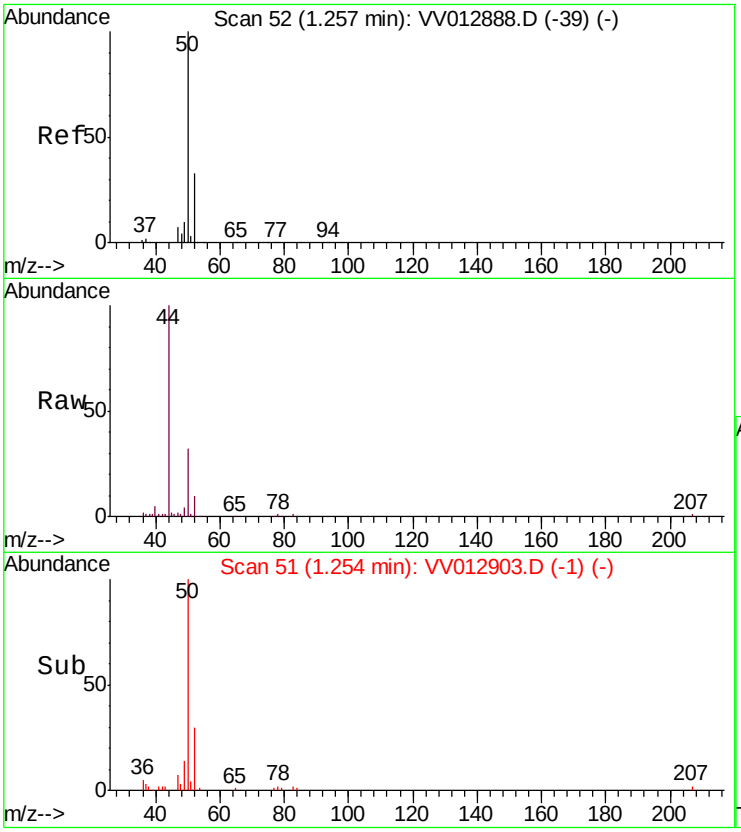
Acq On : 18 Sep 2019 18:34
Operator : SY/MD
Sample : K4954-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** CWK26

Quant Time: Sep 19 02:00:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 19 01:01:31 2019
Response via : Initial Calibration



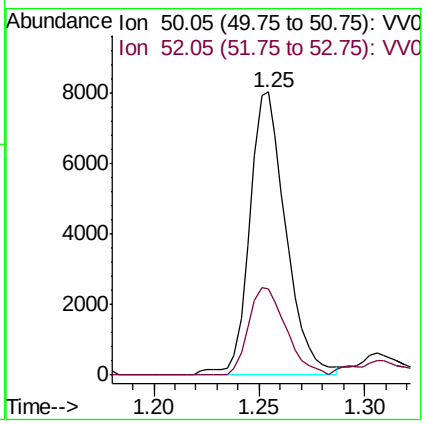


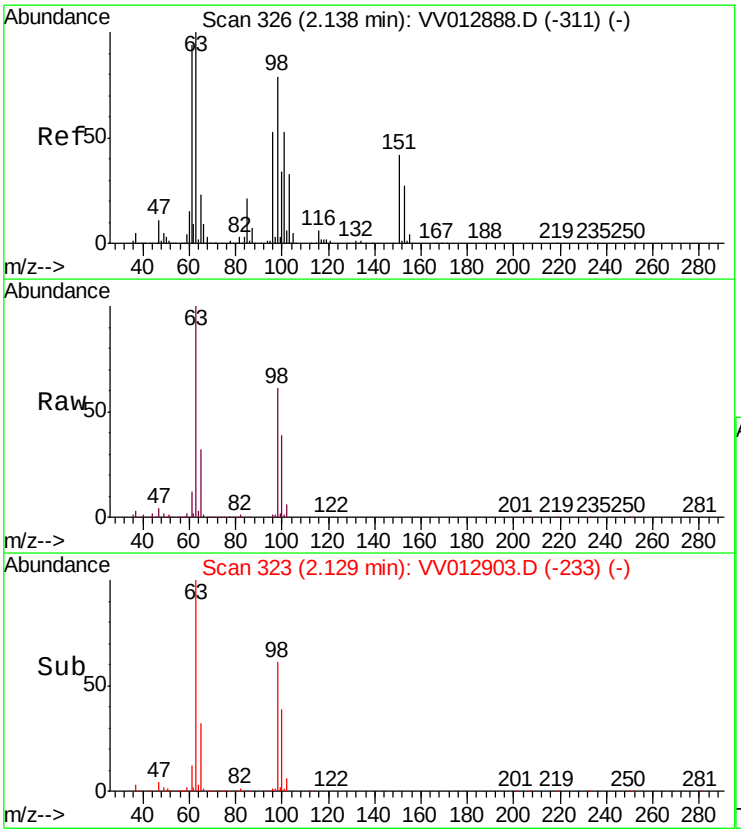

#3
Chloromethane
Concen: 0.370 ug/L
RT: 1.25 min Scan# 51
Delta R.T. -0.00 min
Lab File: VV012903.D
Acq: 18 Sep 2019 18:34

**Instrument :**
MSVOA_V
**ClientSampleId :**
CWK26

Tgt Ion: 50 Resp: 9628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 30.3 | 22.8 | 42.4 |

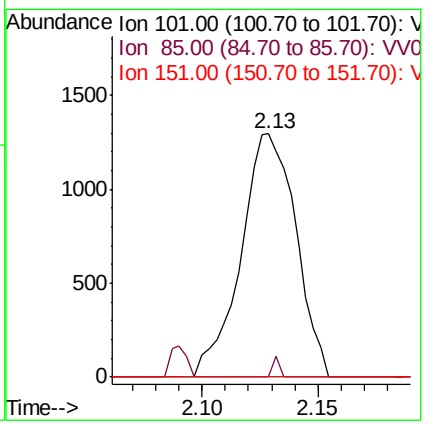


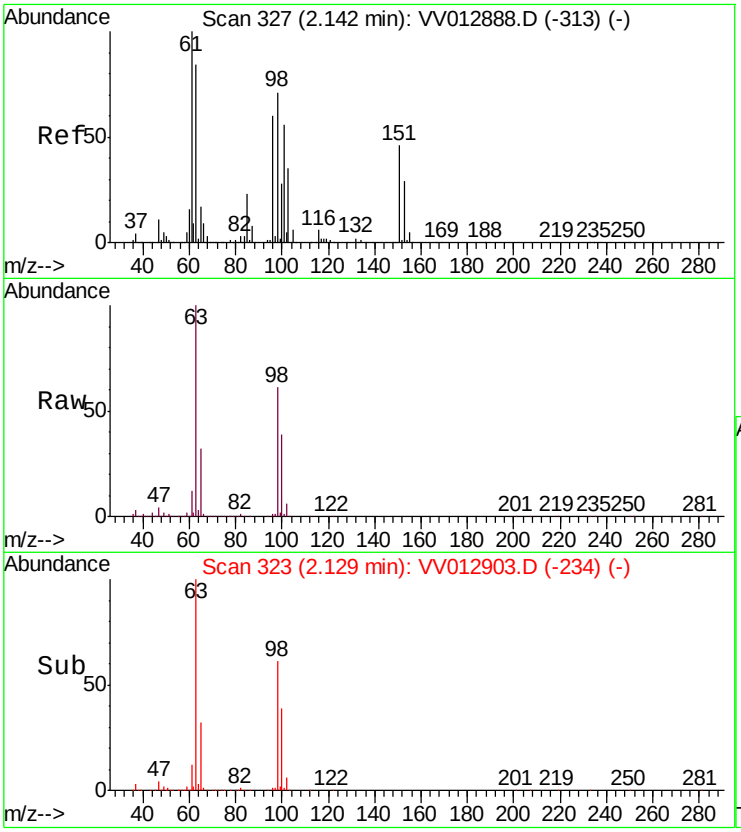




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.097 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV012903.D
Acq: 18 Sep 2019 18:34

Tgt Ion:101 Resp: 2138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 1.0 | 33.5 | 50.3# |
| 151 | 0.0 | 64.0 | 96.0# |



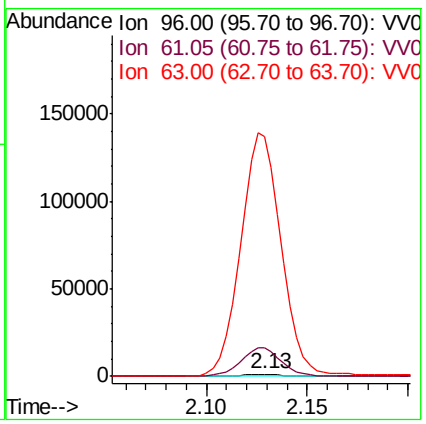


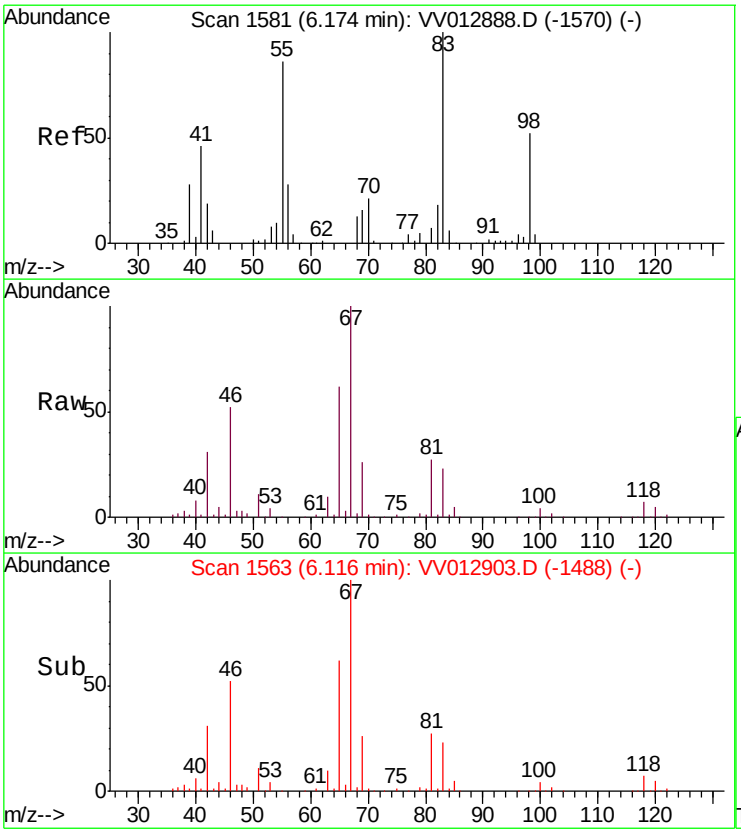

#12
1,1-Dichloroethene
Concen: 0.098 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV012903.D
Acq: 18 Sep 2019 18:34

**Instrument :**
MSVOA_V
**ClientSampleId :**
CWK26

Tgt Ion: 96 Resp: 1962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1240.3 | 116.1 | 215.5# |
| 63 | 10441.3 | 113.3 | 210.3# |

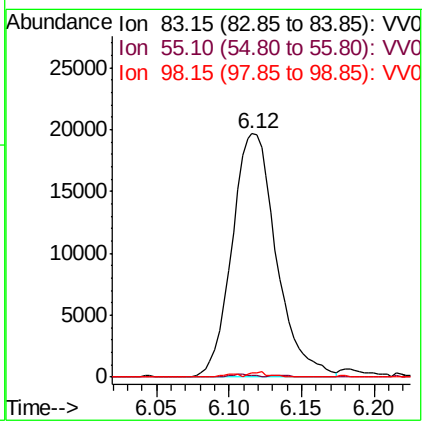


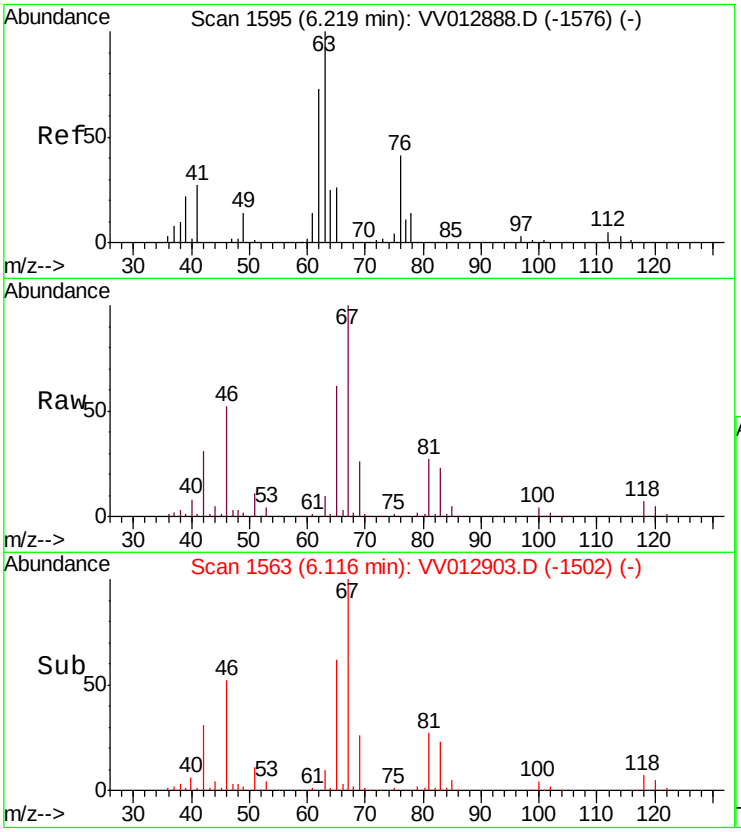




#35
Methylcyclohexane
Concen: 1.278 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012903.D
Acq: 18 Sep 2019 18:34

Tgt Ion: 83 Resp: 41787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.3 | 63.8 | 95.6# |
| 98 | 0.8 | 38.2 | 57.4# |



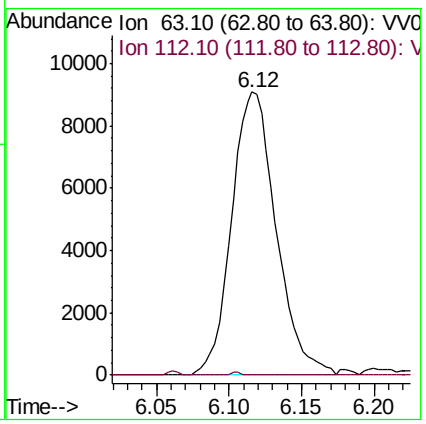


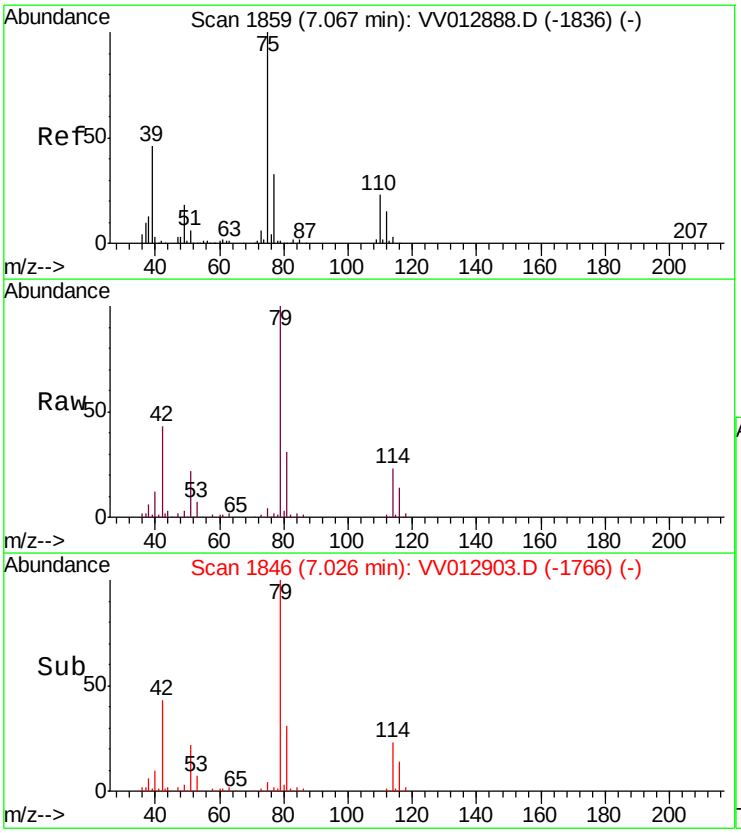

#37
1,2-Dichloropropane
Concen: 0.752 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012903.D
Acq: 18 Sep 2019 18:34

**Instrument :**
MSVOA_V
**ClientSampleId :**
CWK26

Tgt Ion: 63 Resp: 19373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.2 | 3.8 | 5.6# |

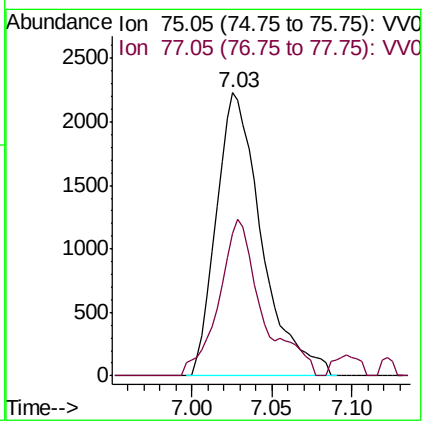


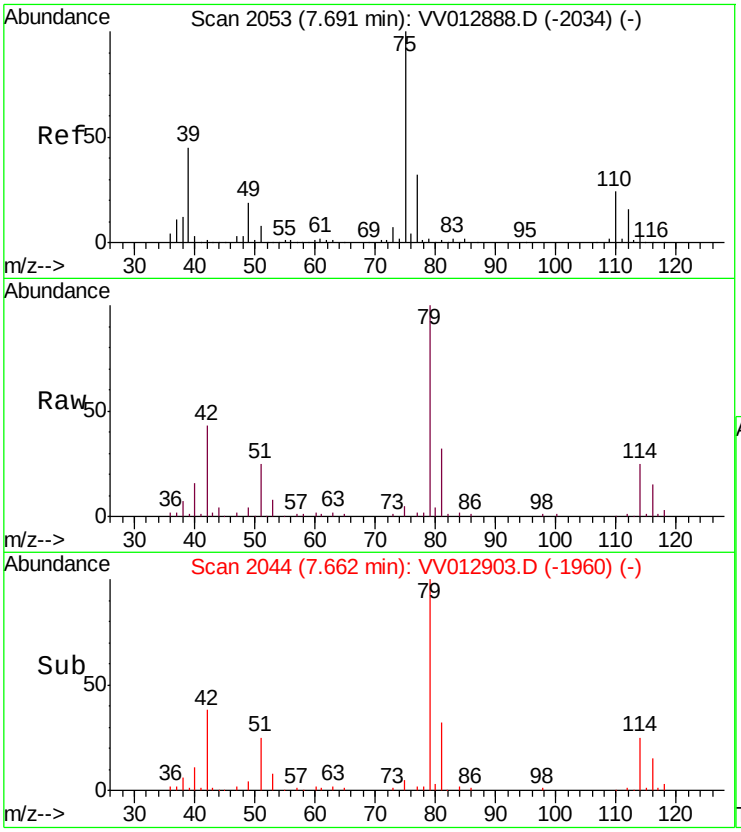




#39
cis-1,3-Dichloropropene
Concen: 0.127 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV012903.D
Acq: 18 Sep 2019 18:34

Tgt Ion: 75 Resp: 4329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 50.3 | 21.6 | 40.0# |



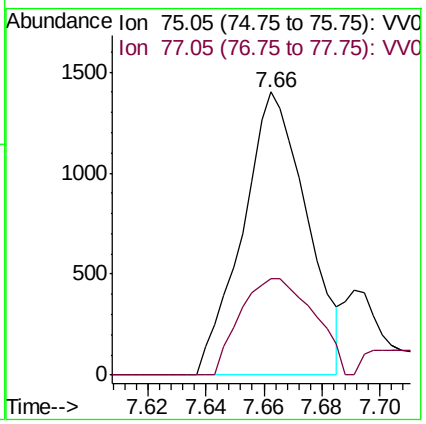


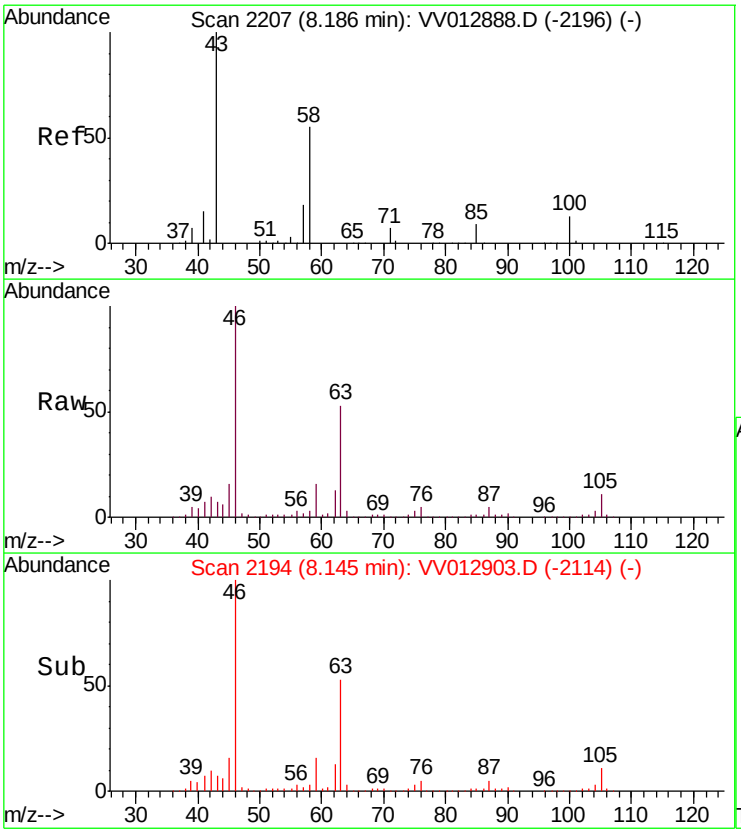

#44
trans-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012903.D
Acq: 18 Sep 2019 18:34

**Instrument :**
MSVOA_V
**ClientSampleId :**
CWK26

Tgt Ion: 75 Resp: 2158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 34.0 | 22.5 | 41.7 |




#48
2-Hexanone
Concen: 3.384 ug/L
RT: 8.14 min Scan# 2194
Delta R.T. -0.04 min
Lab File: VV012903.D
Acq: 18 Sep 2019 18:34

Tgt Ion: 43 Resp: 40590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 46.1 | 44.5 | 66.7 |
| 57 | 26.2 | 15.0 | 22.6# |
| 100 | 1.8 | 9.7 | 14.5# |