Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102320\
Data File : VV019093.D
Acq On : 23 Oct 2020 15:44
Operator : SY/MD
Sample : L4471-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Oct 24 03:33:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 24 03:31:32 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.64 | 114 | 229456 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.87 | 117 | 225581 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152 | 108211 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 93668 | 44.94 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 89.88% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 79980 | 47.67 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 95.34% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.12 | 63 | 148479 | 38.03 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 76.06% | | | |
| 21) 2-Butanone-d5 | 3.92 | 46 | 130505 | 93.09 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 93.09% | | | |
| 24) Chloroform-d | 4.38 | 84 | 172177 | 47.23 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 94.46% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.06 | 65 | 125198 | 51.08 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 102.16% | | | |
| 32) Benzene-d6 | 5.07 | 84 | 334077 | 48.42 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 96.84% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.09 | 67 | 106181 | 47.50 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 95.00% | | | |
| 41) Toluene-d8 | 7.34 | 98 | 295321 | 47.86 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 95.72% | | | |
| 43) trans-1,3-Dichloropropene- | 7.64 | 79 | 52703 | 46.01 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 92.02% | | | |
| 47) 2-Hexanone-d5 | 8.11 | 63 | 88490 | 91.05 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 91.05% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.23 | 84 | 133025 | 44.72 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 89.44% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.65 | 152 | 117596 | 51.81 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 103.62% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.12 | 101 | 1272 | 0.830 | ug/L # | 20 |
| 13) Acetone | 2.20 | 43 | 4543 | 4.781 | ug/L | 87 |
| 14) Carbon disulfide | 2.31 | 76 | 4118 | 0.815 | ug/L # | 92 |
| 35) Methylcyclohexane | 6.09 | 83 | 25416 | 10.645 | ug/L # | 16 |
| 37) 1,2-Dichloropropane | 6.09 | 63 | 13067 | 6.873 | ug/L # | 87 |
| 39) cis-1,3-Dichloropropene | 7.01 | 75 | 3251 | 1.157 | ug/L # | 60 |
| 48) 2-Hexanone | 8.11 | 43 | 11805 | 5.965 | ug/L # | 67 |
| 59) 1,2,3-Trichloropropane | 11.27 | 75 | 12988 | 5.843 | ug/L | 90 |

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

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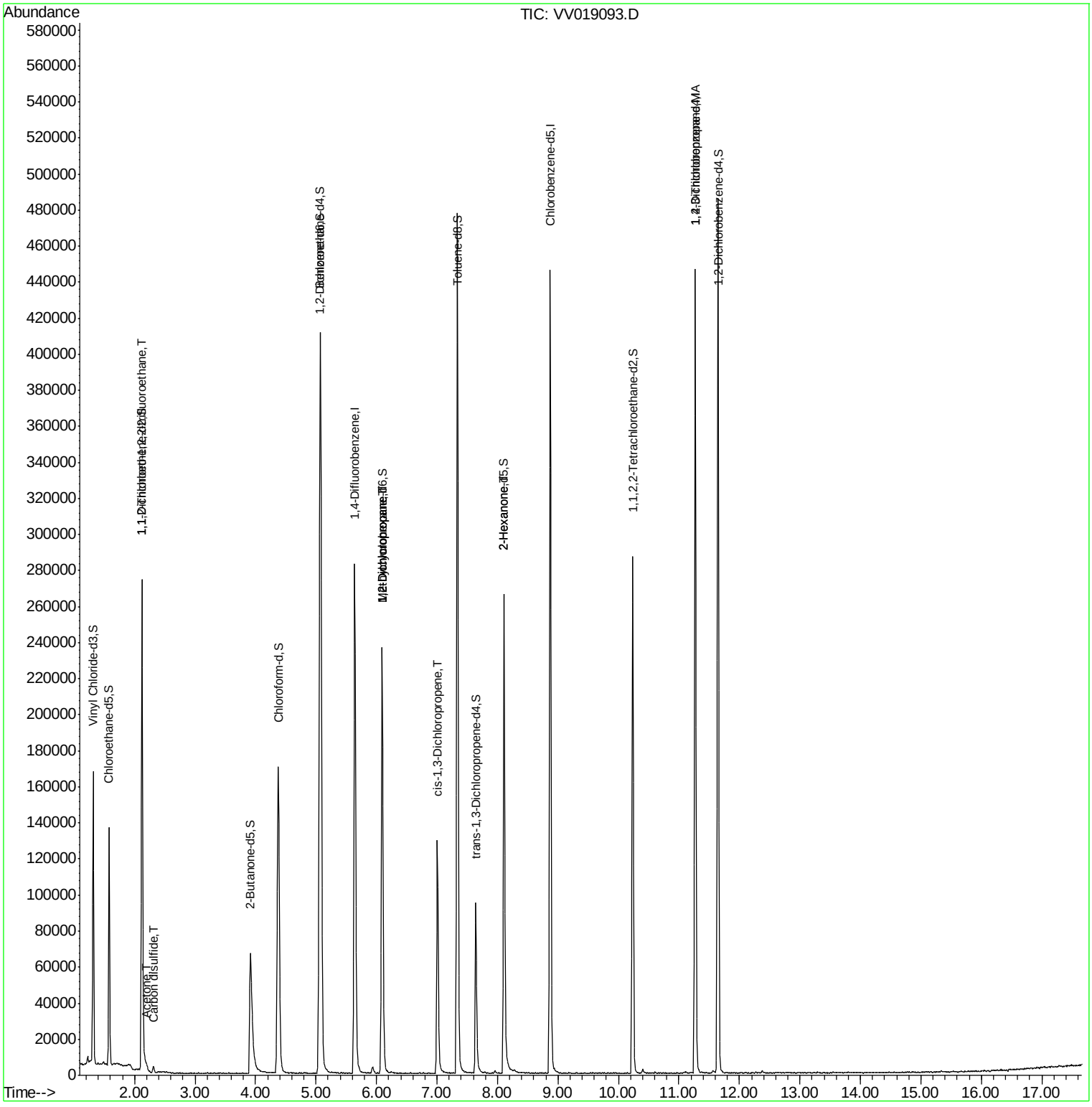
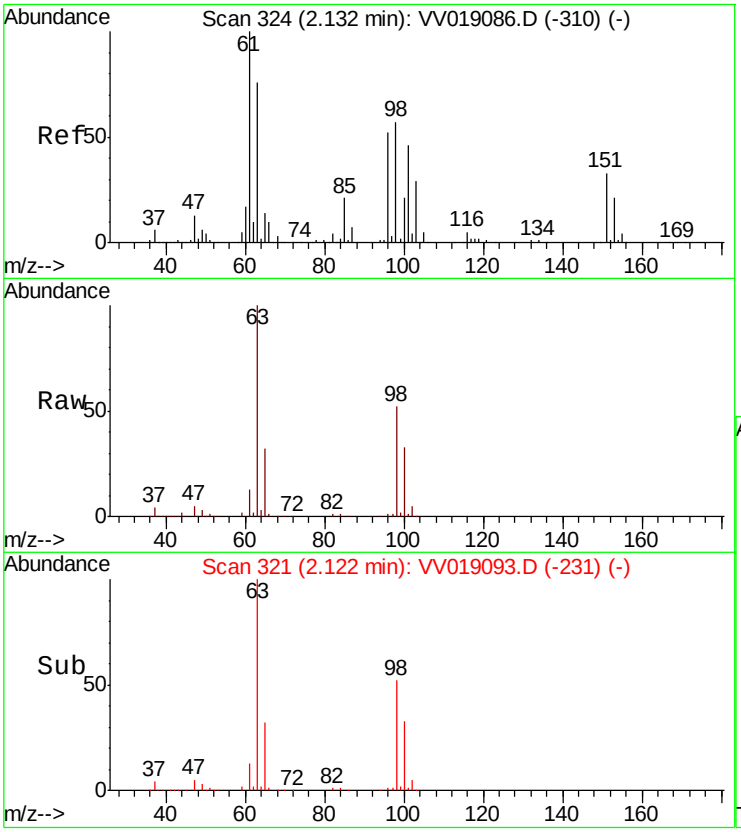
Acq On : 23 Oct 2020 15:44
Operator : SY/MD
Sample : L4471-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Oct 24 03:33:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 24 03:31:32 2020
Response via : Initial Calibration



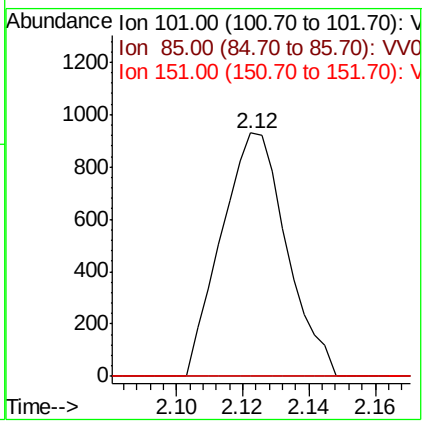


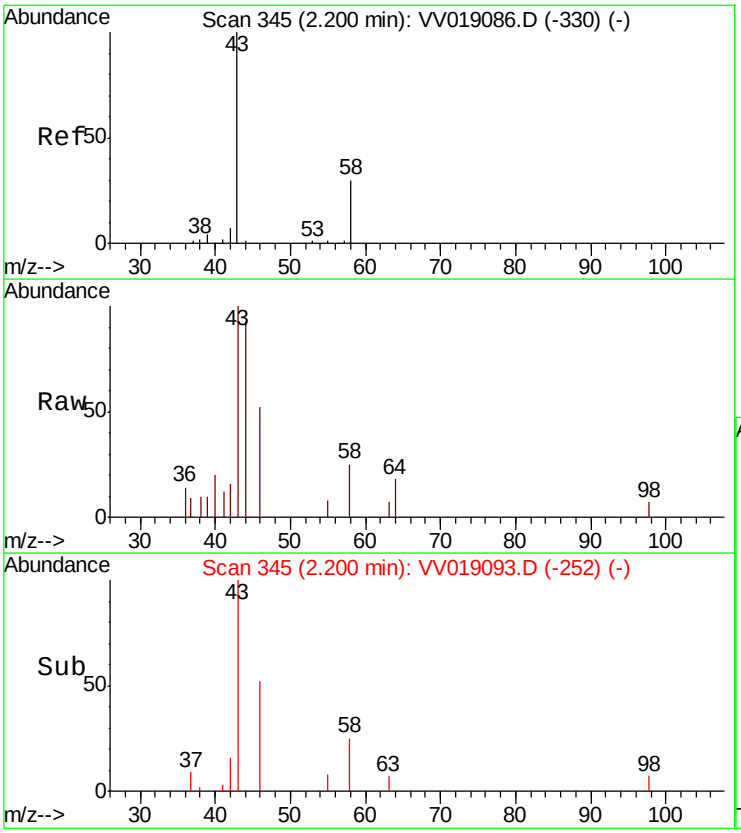

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.830 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV019093.D
Acq: 23 Oct 2020 15:44

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

Tgt Ion:101 Resp: 1272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 0.0 | 36.9 | 55.3# |
| 151 | 0.0 | 58.2 | 87.2# |

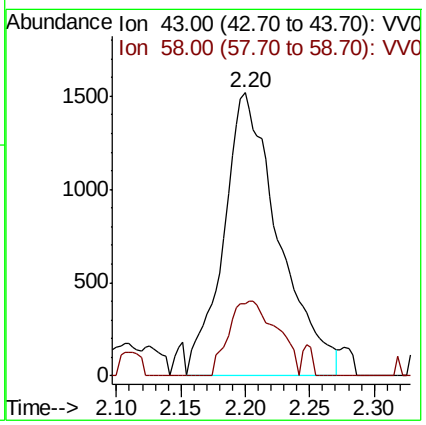


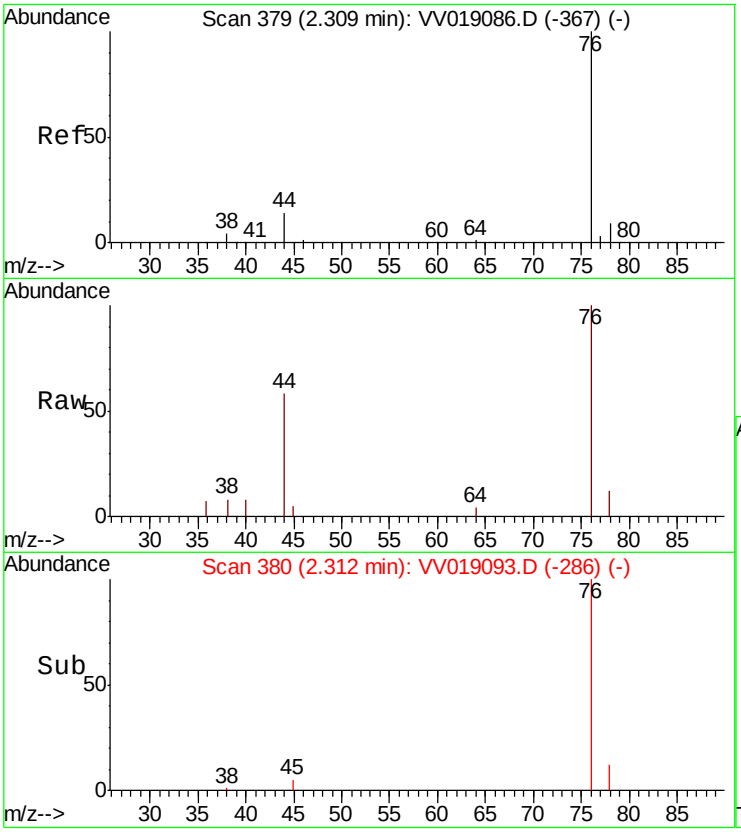




#13
Acetone
Concen: 4.781 ug/L
RT: 2.20 min Scan# 345
Delta R.T. -0.00 min
Lab File: VV019093.D
Acq: 23 Oct 2020 15:44

Tgt Ion: 43 Resp: 4543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 23.0 | 0.0 | 60.2 |



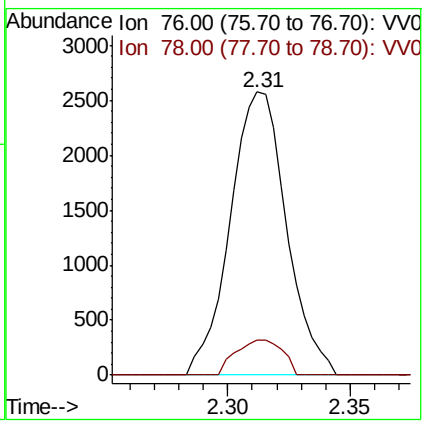


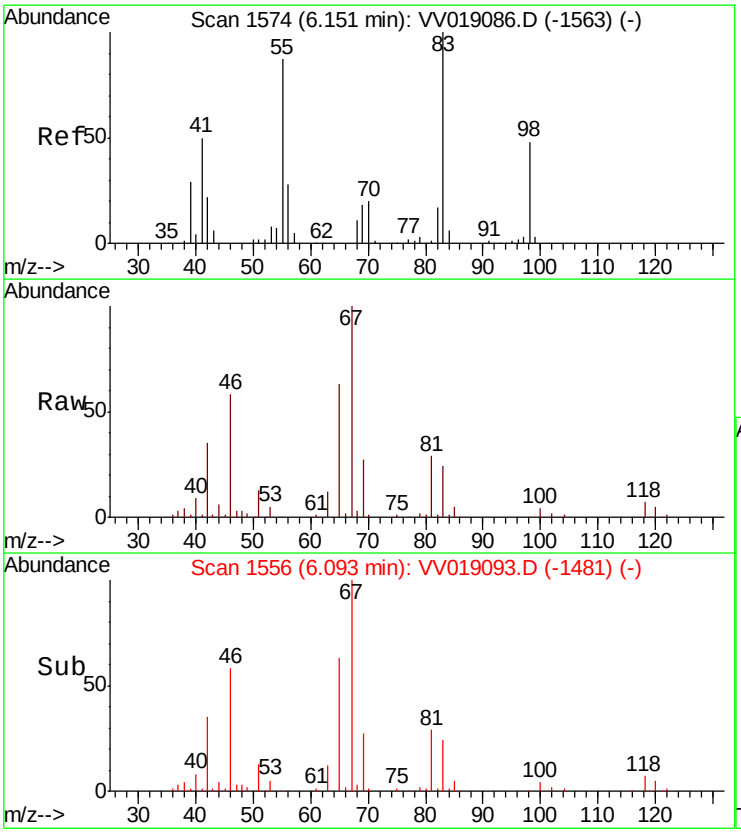

#14
Carbon disulfide
Concen: 0.815 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VV019093.D
Acq: 23 Oct 2020 15:44

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

Tgt Ion: 76 Resp: 4118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 12.3 | 7.4 | 11.0# |

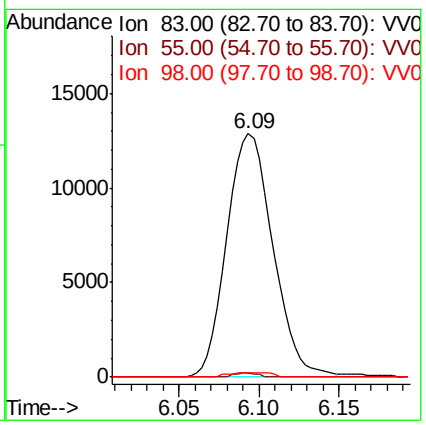


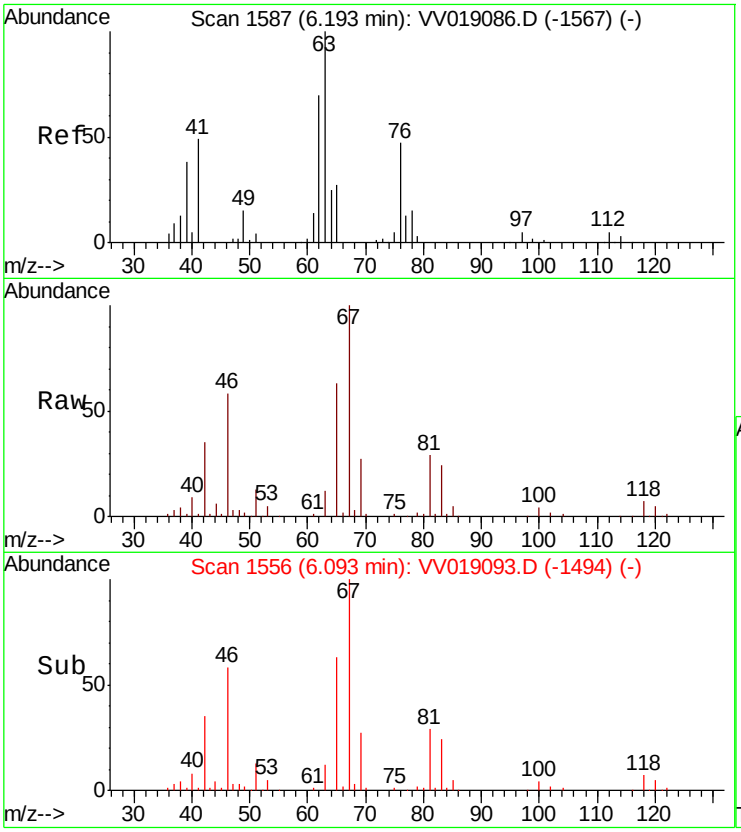




#35
Methylcyclohexane
Concen: 10.645 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV019093.D
Acq: 23 Oct 2020 15:44

Tgt Ion: 83 Resp: 25416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.8 | 68.1 | 102.1# |
| 98 | 1.0 | 37.9 | 56.9# |



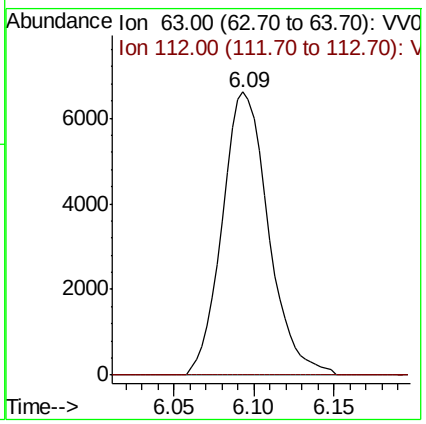


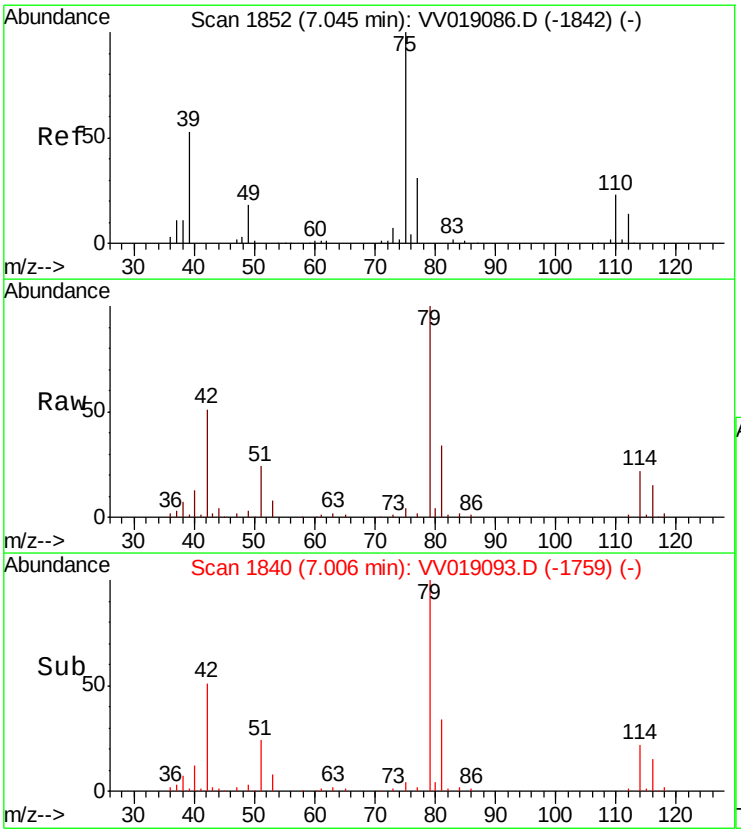

#37
1,2-Dichloropropane
Concen: 6.873 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV019093.D
Acq: 23 Oct 2020 15:44

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

Tgt Ion: 63 Resp: 13067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.5 | 5.3# |

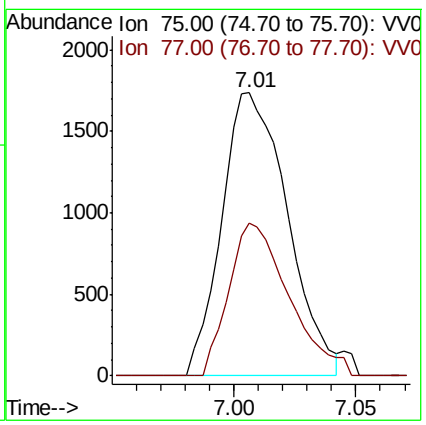


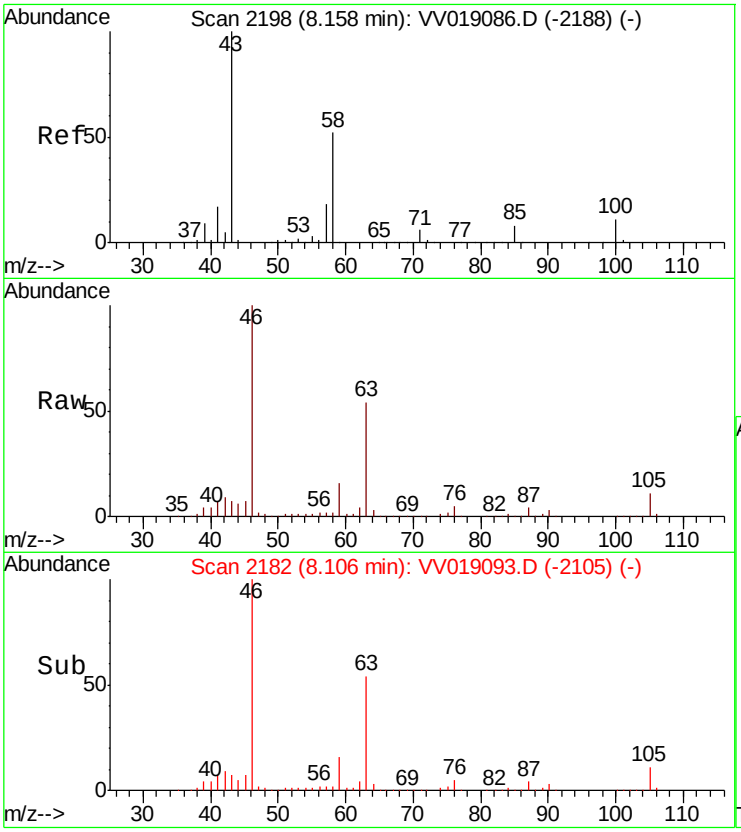




#39
cis-1,3-Dichloropropene
Concen: 1.157 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV019093.D
Acq: 23 Oct 2020 15:44

Tgt Ion: 75 Resp: 3251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 53.9 | 22.1 | 41.1# |



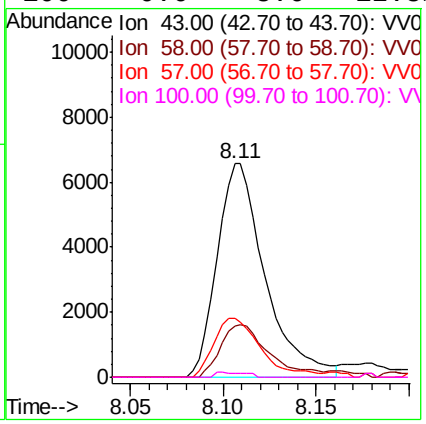


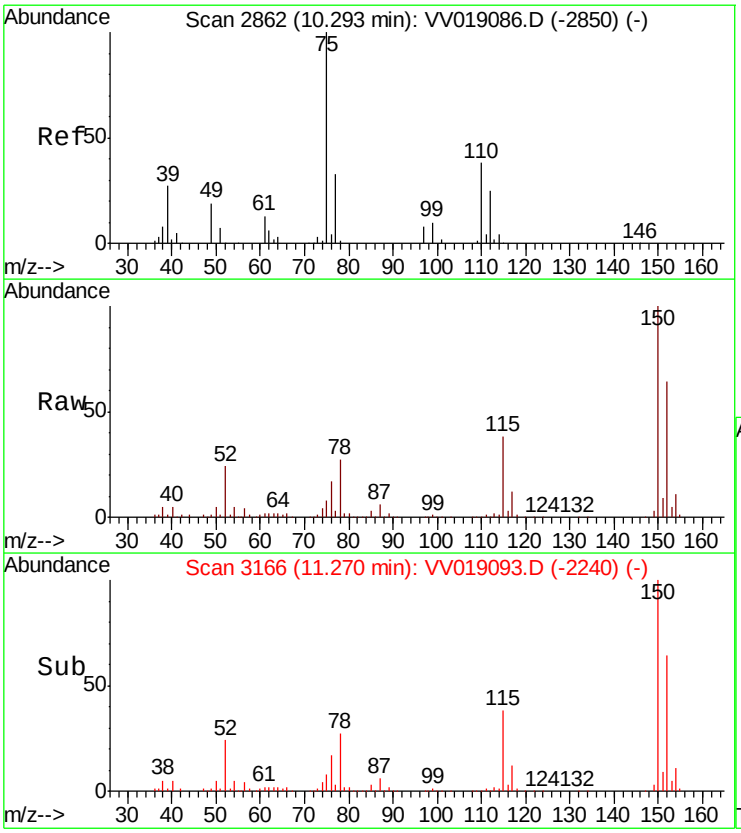

#48
2-Hexanone
Concen: 5.965 ug/L
RT: 8.11 min Scan# 2182
Delta R.T. -0.05 min
Lab File: VV019093.D
Acq: 23 Oct 2020 15:44

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

Tgt Ion: 43 Resp: 11805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 23.5 | 41.1 | 61.7# |
| 57 | 26.2 | 14.7 | 22.1# |
| 100 | 0.6 | 8.6 | 12.8# |




#59
1,2,3-Trichloropropane
Concen: 5.843 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV019093.D
Acq: 23 Oct 2020 15:44

Tgt Ion: 75 Resp: 12988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 38.2 | 25.9 | 38.9 |