Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081020\
Data File : VV017893.D
Acq On : 10 Aug 2020 13:11
Operator : SY/MD
Sample : L3579-12ME
Misc : 7.60g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BFSL6ME

Quant Time: Aug 11 01:20:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 11 01:17:50 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.64 | 114 | 272056 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.87 | 117 | 264095 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.28 | 152 | 133140 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.31 | 65 | 61141 | 43.52 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 87.04% | | | |
| 7) Chloroethane-d5 | 1.57 | 69 | 48402 | 40.55 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 81.10% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.10 | 63 | 115085 | 34.09 | ug/L | -0.02 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 68.18% | | | |
| 21) 2-Butanone-d5 | 3.93 | 46 | 71235 | 80.97 | ug/L | 0.02 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 80.97% | | | |
| 24) Chloroform-d | 4.37 | 84 | 168684 | 45.79 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 91.58% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.05 | 65 | 126058 | 47.10 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 94.20% | | | |
| 32) Benzene-d6 | 5.07 | 84 | 284101 | 46.58 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 93.16% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.09 | 67 | 76471 | 49.45 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 98.90% | | | |
| 41) Toluene-d8 | 7.34 | 98 | 280849 | 45.82 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 91.64% | | | |
| 43) trans-1,3-Dichloropropene- | 7.64 | 79 | 51585 | 51.81 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 103.62% | | | |
| 47) 2-Hexanone-d5 | 8.14 | 63 | 50015 | 89.31 | ug/L | 0.03 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 89.31% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24 | 84 | 103479 | 42.93 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 85.86% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.65 | 152 | 127809 | 47.09 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 94.18% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.10 | 101 | 1155 | 0.665 | ug/L # | 14 |
| 16) Methylene chloride | 2.51 | 84 | 1950 | 1.157 | ug/L | 76 |
| 39) cis-1,3-Dichloropropene | 7.01 | 75 | 3430 | 1.460 | ug/L # | 80 |
| 46) Tetrachloroethene | 8.00 | 164 | 39269 | 22.081 | ug/L | 92 |
| 48) 2-Hexanone | 8.14 | 43 | 7065 | 4.736 | ug/L # | 63 |
| 49) Dibromochloromethane | 8.00 | 129 | 36087 | 18.865 | ug/L # | 12 |

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

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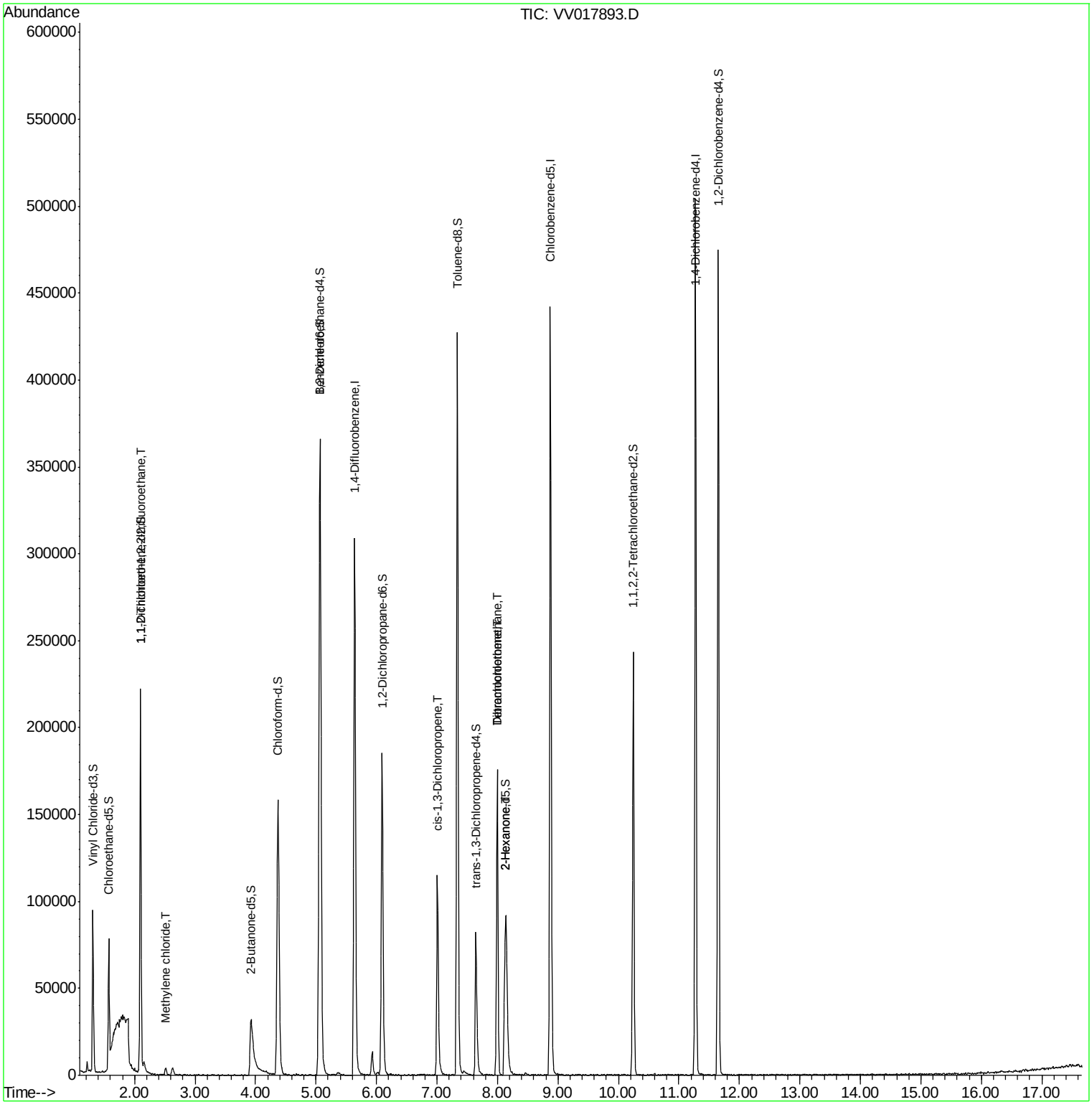
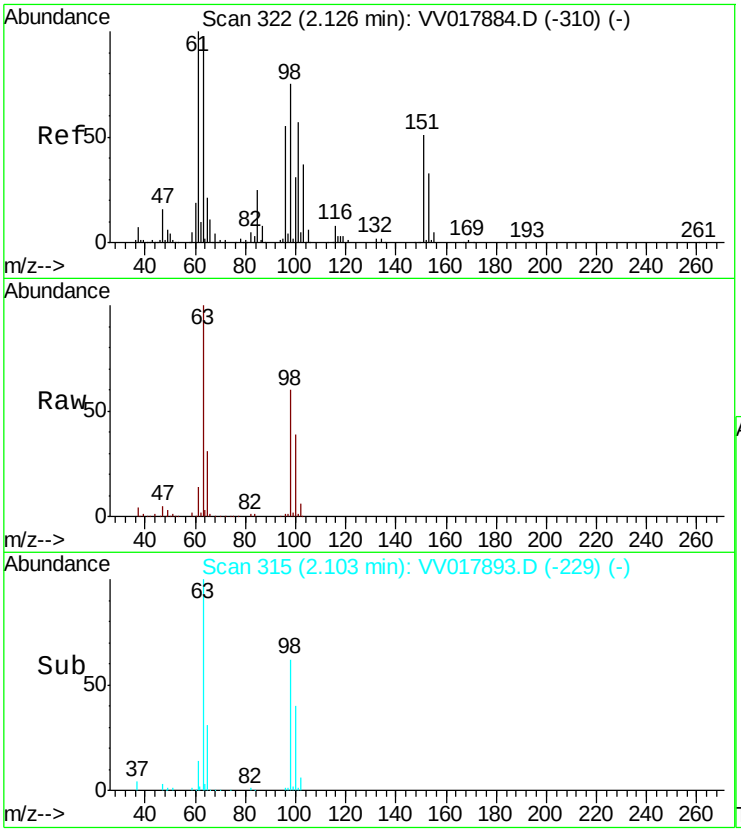
Sample : L3579-12ME
Misc : 7.60g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BFSL6ME

Quant Time: Aug 11 01:20:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 11 01:17:50 2020
Response via : Initial Calibration



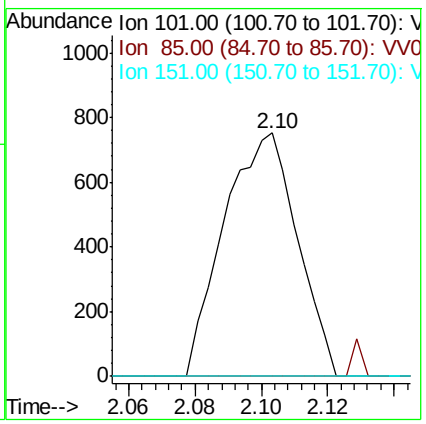


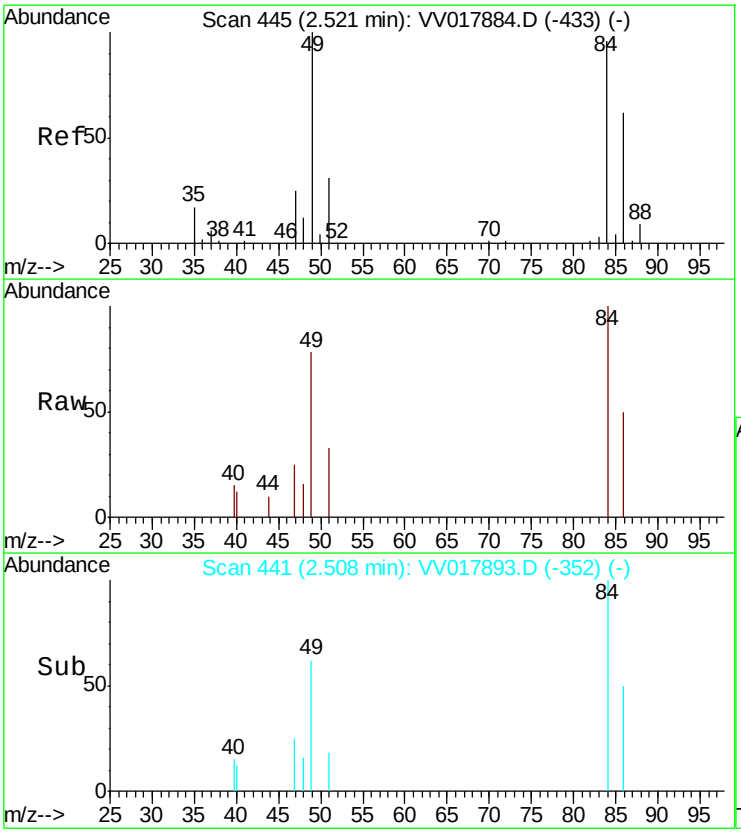

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.665 ug/L
RT: 2.10 min Scan# 315
Delta R.T. -0.02 min
Lab File: VV017893.D
Acq: 10 Aug 2020 13:11

**Instrument :**
MSVOA_V
**ClientSampleId :**
BFSL6ME

Tgt Ion:101 Resp: 1155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 0.0 | 35.0 | 52.6# |
| 151 | 0.0 | 71.0 | 106.6# |

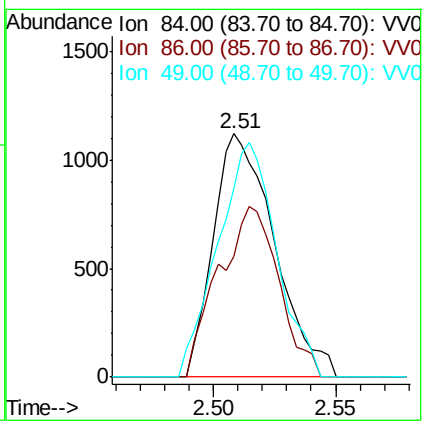


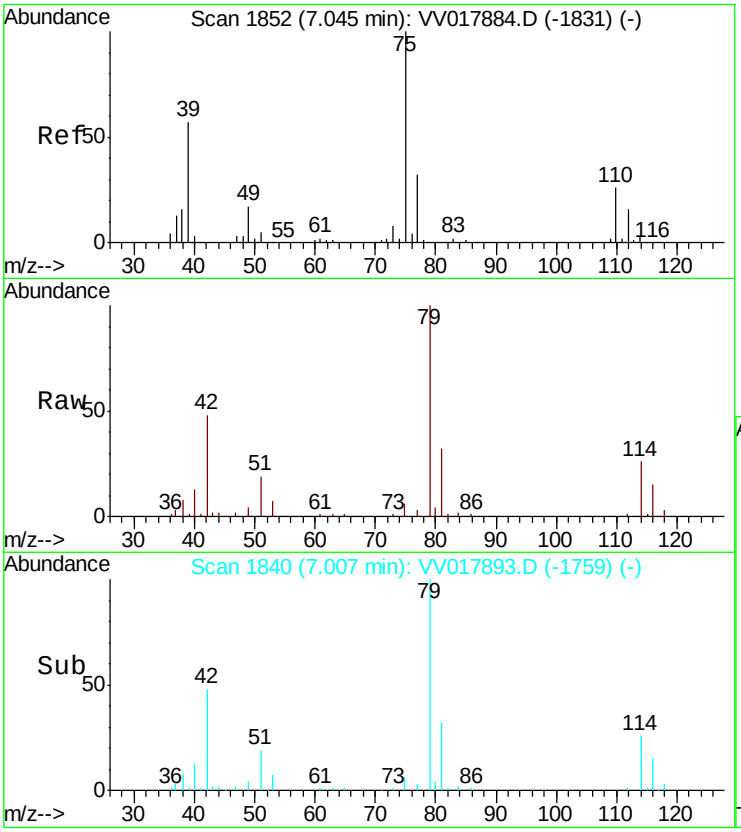




#16
Methylene chloride
Concen: 1.157 ug/L
RT: 2.51 min Scan# 441
Delta R.T. -0.01 min
Lab File: VV017893.D
Acq: 10 Aug 2020 13:11

Tgt Ion: 84 Resp: 1950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 49.8 | 46.2 | 85.8 |
| 49 | 77.5 | 73.6 | 136.6 |



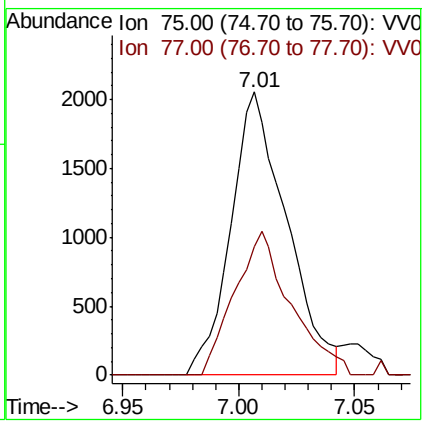


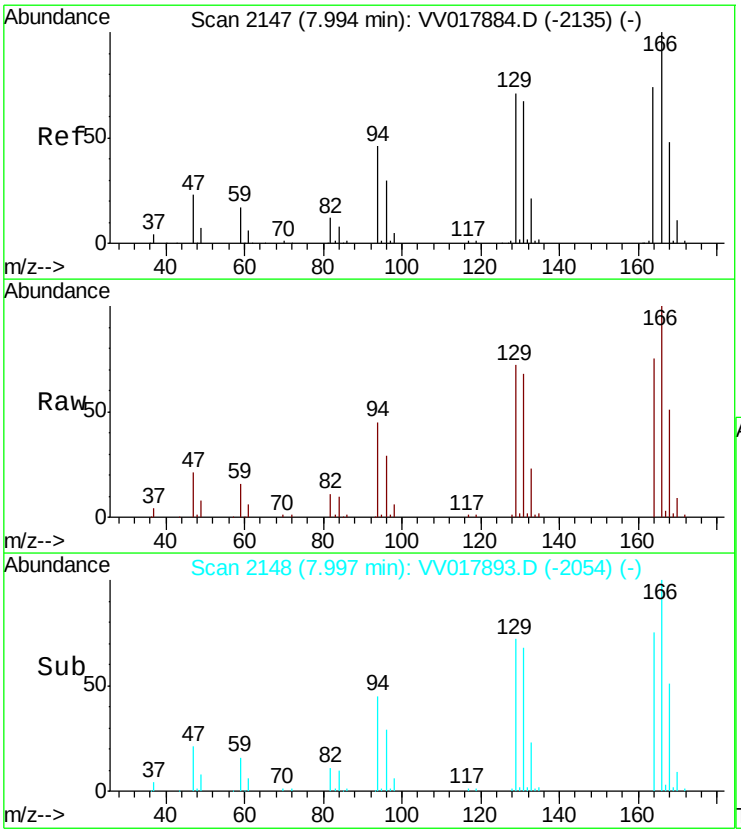

#39
cis-1,3-Dichloropropene
Concen: 1.460 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV017893.D
Acq: 10 Aug 2020 13:11

**Instrument :**
MSVOA_V
**ClientSampleId :**
BFSL6ME

Tgt Ion: 75 Resp: 3430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 45.4 | 23.7 | 44.1# |

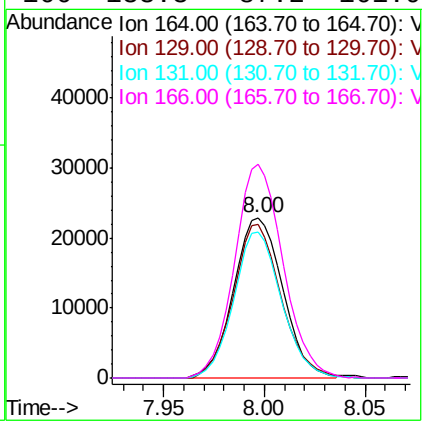


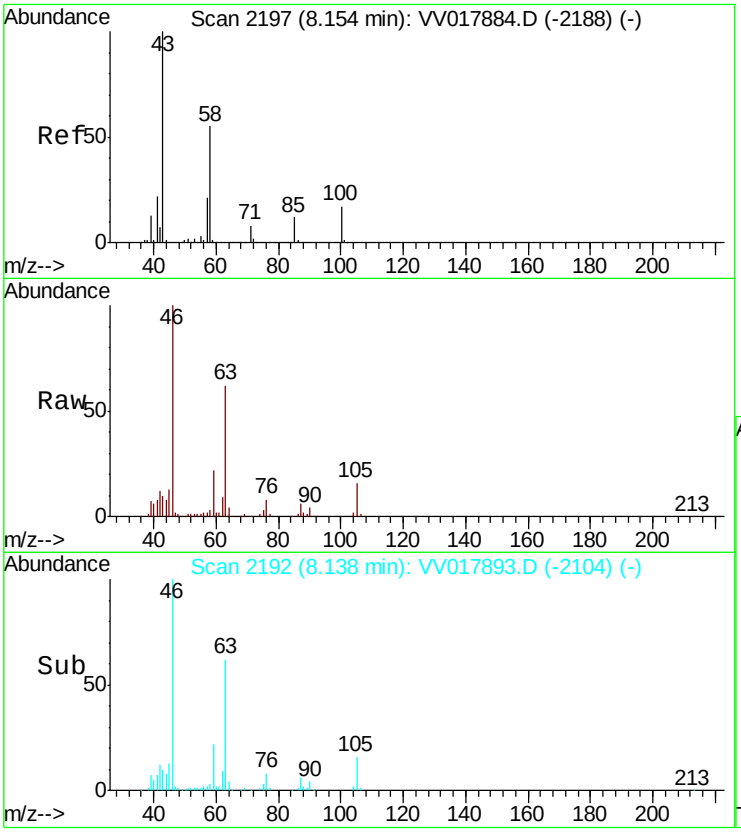




#46
Tetrachloroethene
Concen: 22.081 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV017893.D
Acq: 10 Aug 2020 13:11

Tgt Ion:164 Resp: 39269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 95.7 | 61.6 | 114.4 |
| 131 | 91.2 | 59.6 | 110.8 |
| 166 | 133.3 | 87.2 | 161.9 |



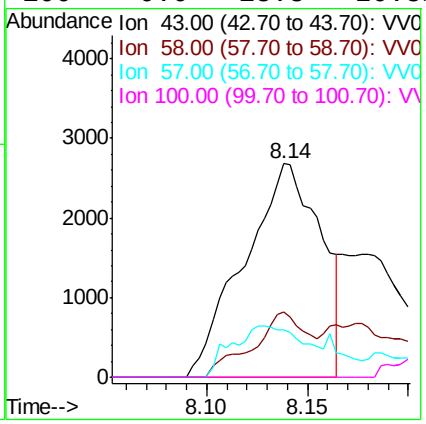


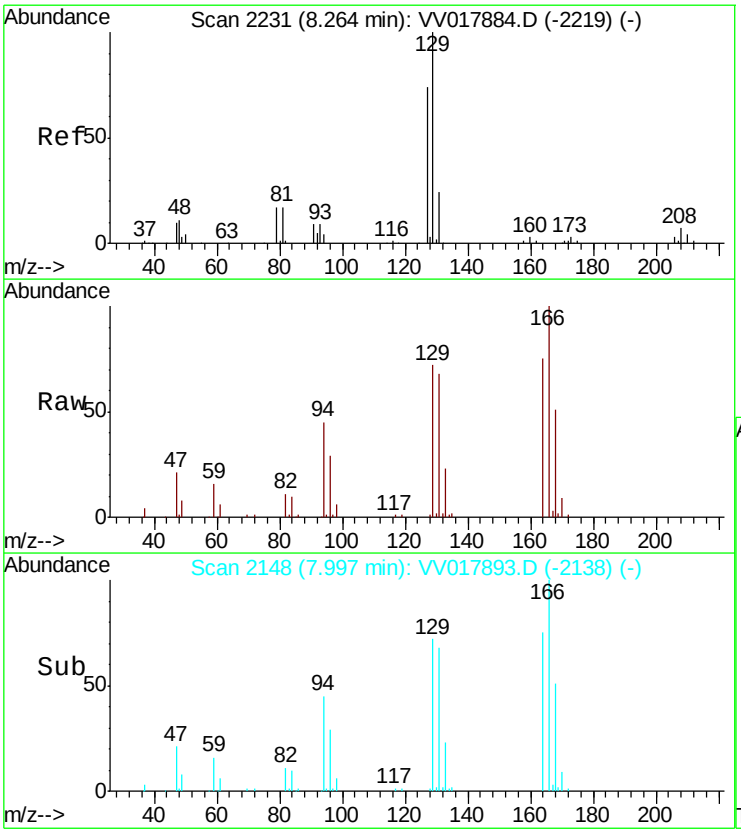

#48
2-Hexanone
Concen: 4.736 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.02 min
Lab File: VV017893.D
Acq: 10 Aug 2020 13:11

**Instrument :**
MSVOA_V
**ClientSampleId :**
BFSL6ME

Tgt Ion: 43 Resp: 7065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 21.9 | 43.8 | 65.8# |
| 57 | 15.2 | 18.0 | 27.0# |
| 100 | 0.0 | 13.8 | 20.8# |




#49
Dibromochloromethane
Concen: 18.865 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV017893.D
Acq: 10 Aug 2020 13:11

Tgt Ion:129 Resp: 36087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 53.1 | 98.5# |