Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV063020\
Data File : VV017269.D
Acq On : 30 Jun 2020 18:46
Operator : SY/MD
Sample : L3168-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jul 01 06:05:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 01 06:00:36 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.64 | 114 | 163511 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.87 | 117 | 157806 | 5.00 | ug/L | 0.00 |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152 | 75726 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 45158 | 4.60 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 92.00% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 38091 | 5.34 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 106.80% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.13 | 63 | 70019 | 3.75 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 75.00% | | | |
| 20) 2-Butanone-d5 | 3.93 | 46 | 128153 | 51.24 | ug/L | -0.02 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 102.48% | | | |
| 24) Chloroform-d | 4.38 | 84 | 110264 | 5.25 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 105.00% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.06 | 65 | 60714 | 5.46 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 109.20% | | | |
| 32) Benzene-d6 | 5.08 | 84 | 197079 | 4.82 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 96.40% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.09 | 67 | 59525 | 4.86 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 97.20% | | | |
| 41) Toluene-d8 | 7.34 | 98 | 173253 | 4.51 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 90.20% | | | |
| 45) trans-1,3-Dichloropropene- | 7.64 | 79 | 24407 | 4.78 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 95.60% | | | |
| 48) 2-Hexanone-d5 | 8.11 | 63 | 90165 | 46.36 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 92.72% | | | |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24 | 84 | 42454 | 5.21 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 104.20% | | | |
| 65) 1,2-Dichlorobenzene-d4 | 11.65 | 152 | 72175 | 5.16 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 103.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 8) Chloroethane | 1.53 | 64 | 870988 | 146.886 | ug/L # | 51 |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.13 | 101 | 647 | 0.075 | ug/L # | 25 |
| 12) 1,1-Dichloroethene | 2.12 | 96 | 656 | 0.084 | ug/L # | 1 |
| 35) Methylcyclohexane | 6.10 | 83 | 15564 | 0.827 | ug/L # | 19 |
| 46) trans-1,3-Dichloropropene | 7.65 | 75 | 1407 | 0.107 | ug/L | 99 |
| 49) Tetrachloroethene | 8.00 | 164 | 45631 | 4.685 | ug/L | 98 |
| 50) 2-Hexanone | 8.16 | 43 | 2558 | 0.609 | ug/L # | 86 |
| 51) Dibromochloromethane | 7.99 | 129 | 42456 | 4.827 | ug/L # | 11 |

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

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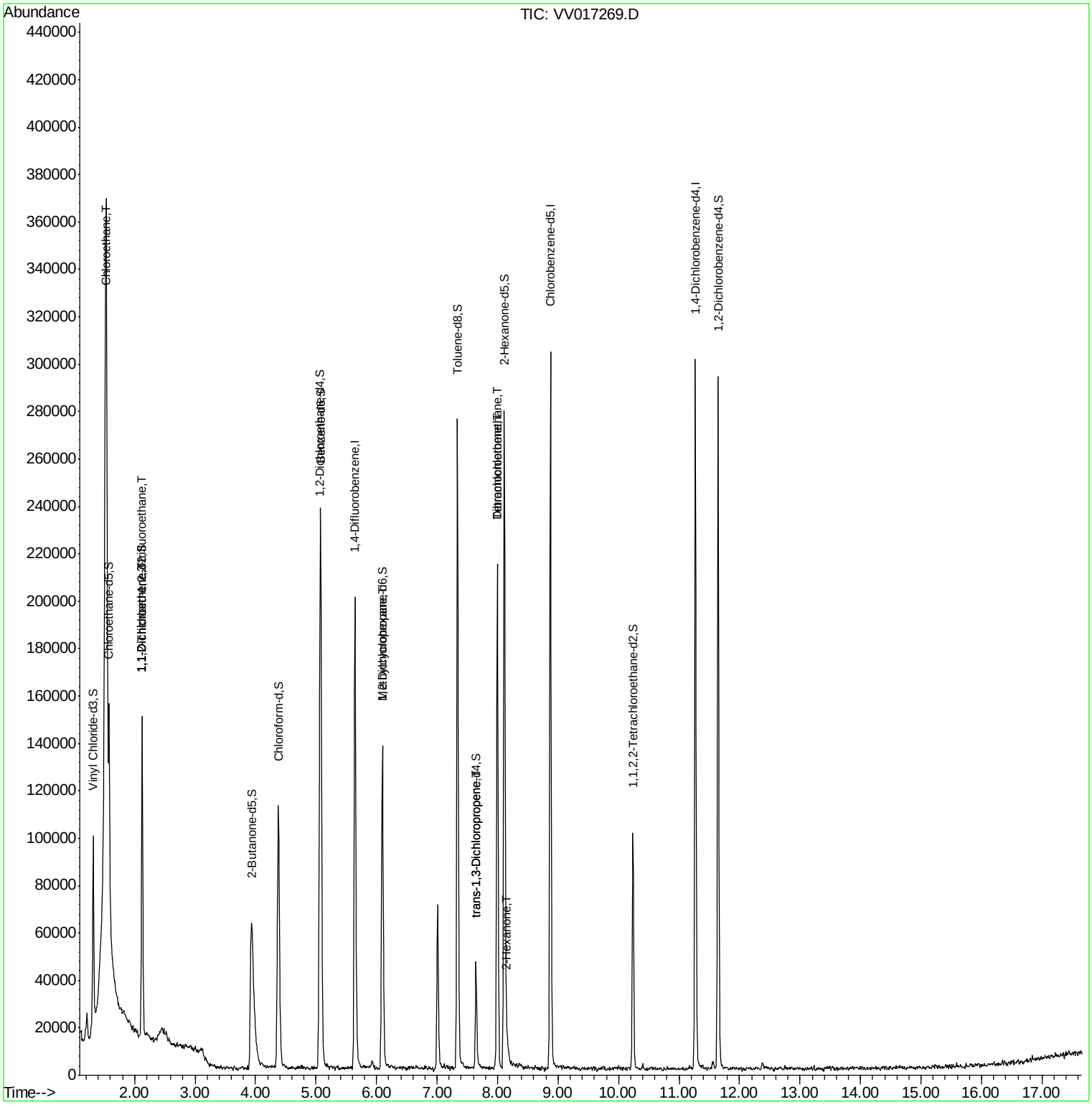
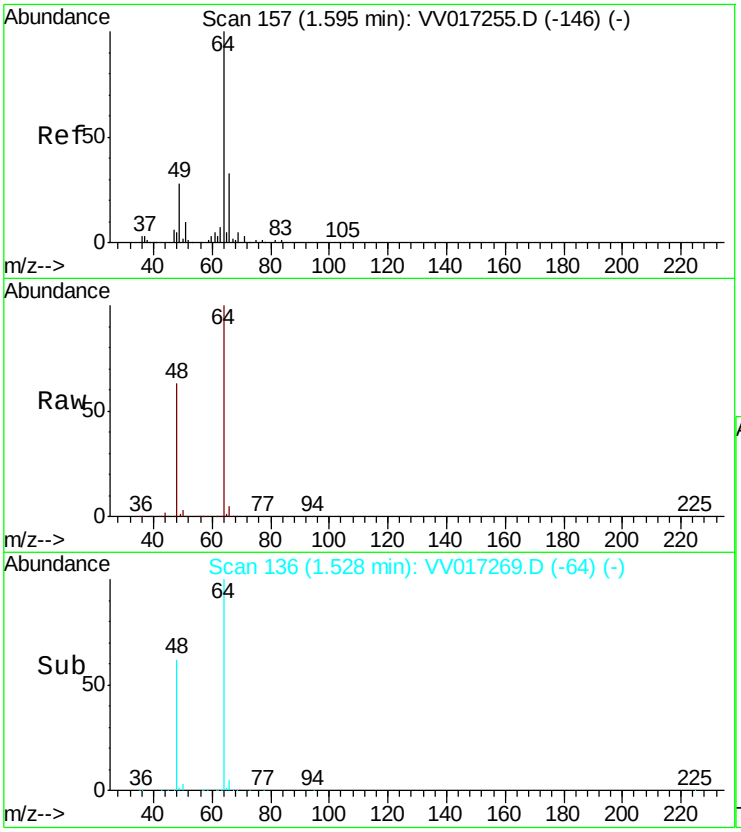
Operator : SY/MD
Sample : L3168-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jul 01 06:05:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 01 06:00:36 2020
Response via : Initial Calibration



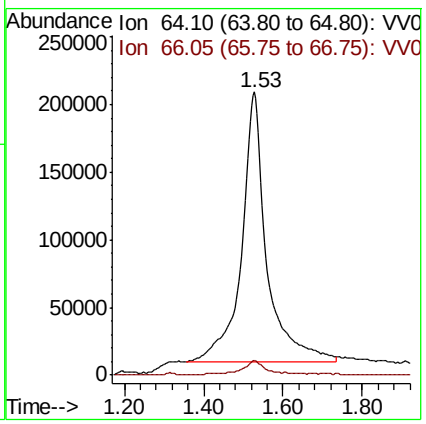


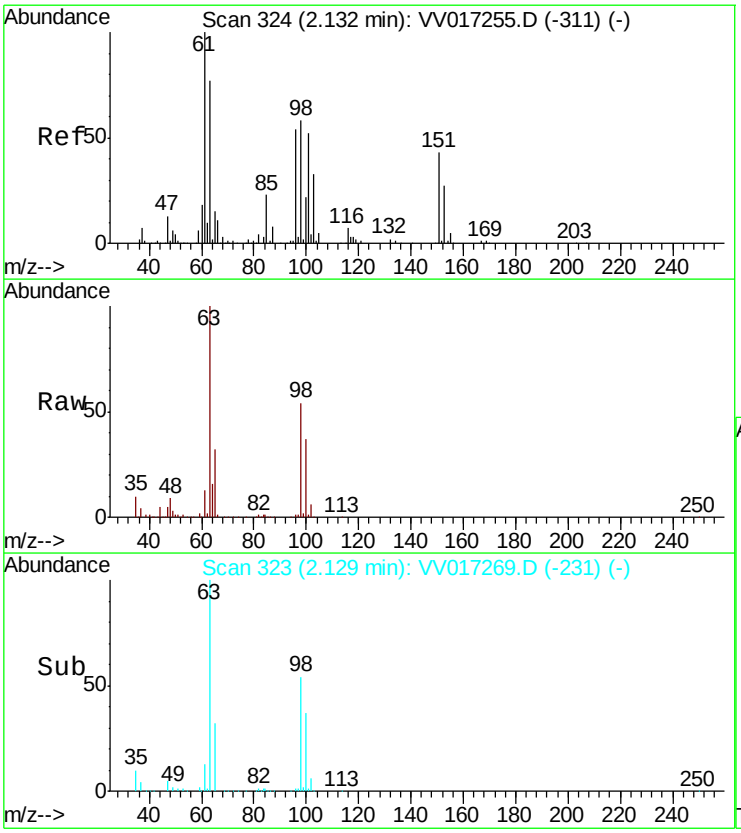

#8
Chloroethane
Concen: 146.886 ug/L
RT: 1.53 min Scan# 136
Delta R.T. -0.07 min
Lab File: VV017269.D
Acq: 30 Jun 2020 18:46

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

Tgt Ion: 64 Resp: 870988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 5.2 | 22.8 | 42.4# |

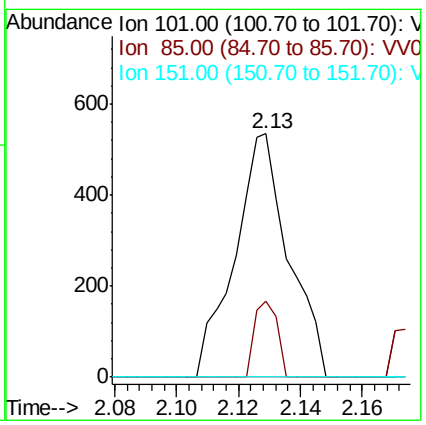


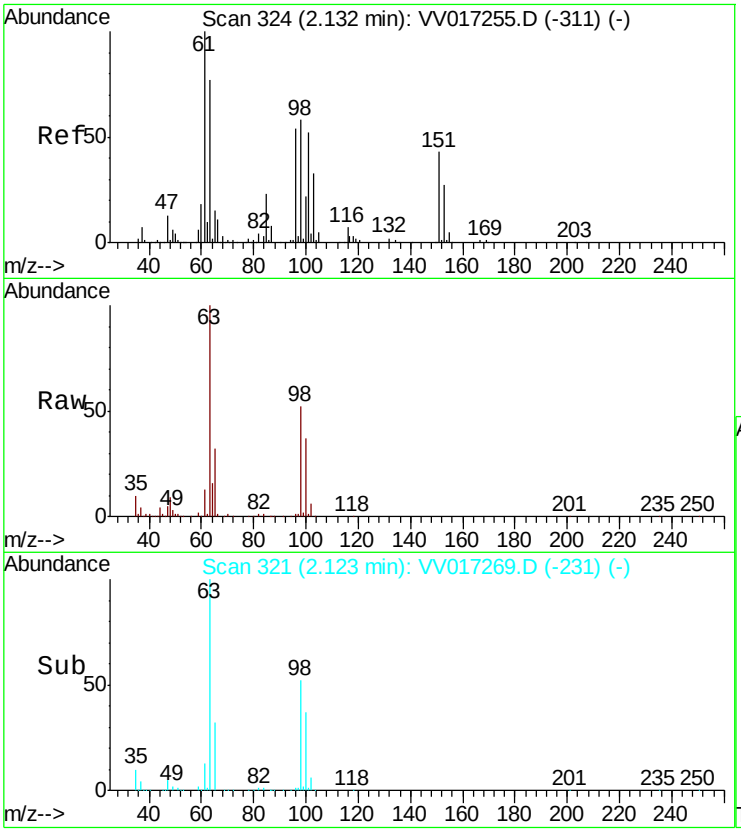




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.075 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.00 min
Lab File: VV017269.D
Acq: 30 Jun 2020 18:46

Tgt Ion:101 Resp: 647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 13.3 | 35.4 | 53.2# |
| 151 | 0.0 | 63.9 | 95.9# |



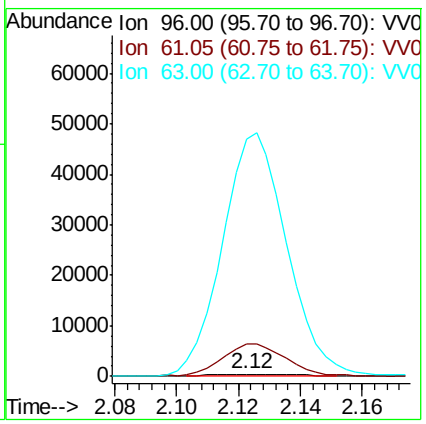


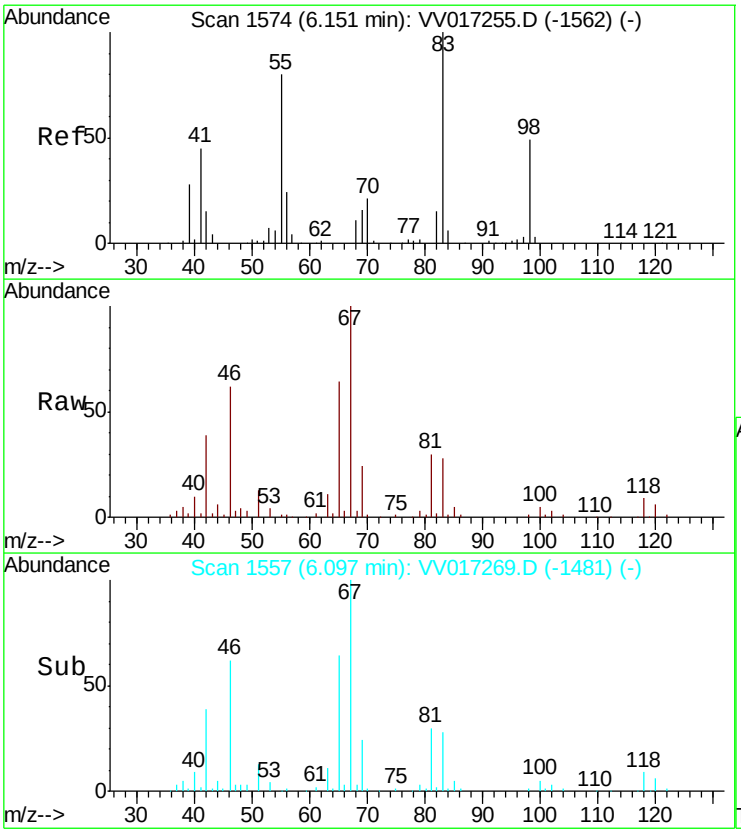

#12
1,1-Dichloroethene
Concen: 0.084 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV017269.D
Acq: 30 Jun 2020 18:46

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

Tgt Ion: 96 Resp: 656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1563.8 | 125.0 | 232.2# |
| 63 | 11640.7 | 109.8 | 203.8# |

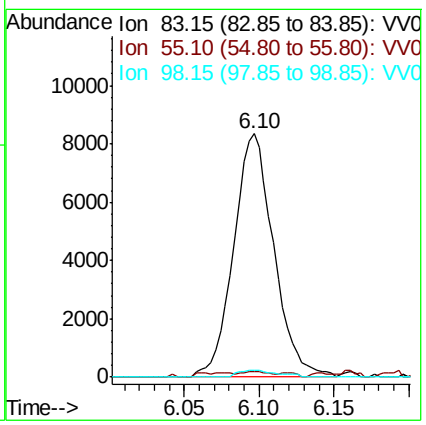


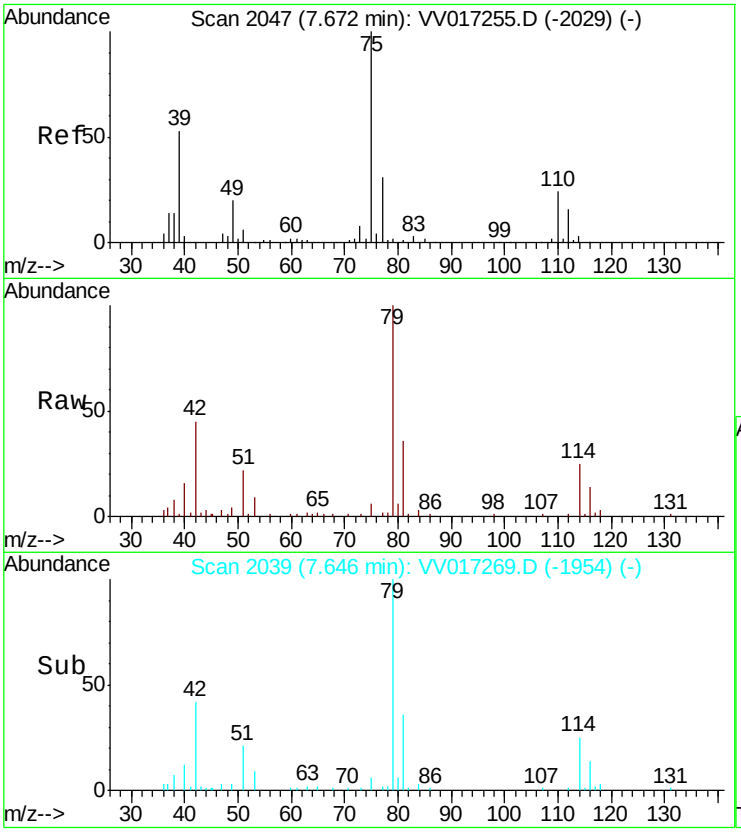




#35
Methylcyclohexane
Concen: 0.827 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017269.D
Acq: 30 Jun 2020 18:46

Tgt Ion: 83 Resp: 15564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 1.7 | 63.6 | 95.4# |
| 98 | 2.3 | 38.8 | 58.2# |



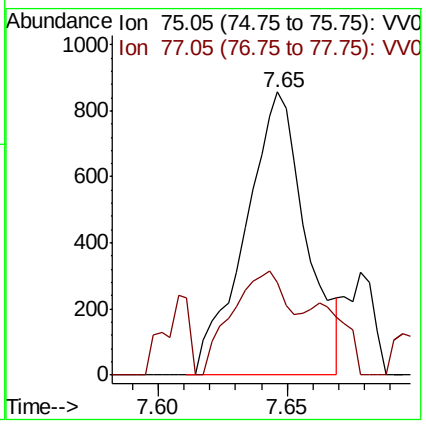


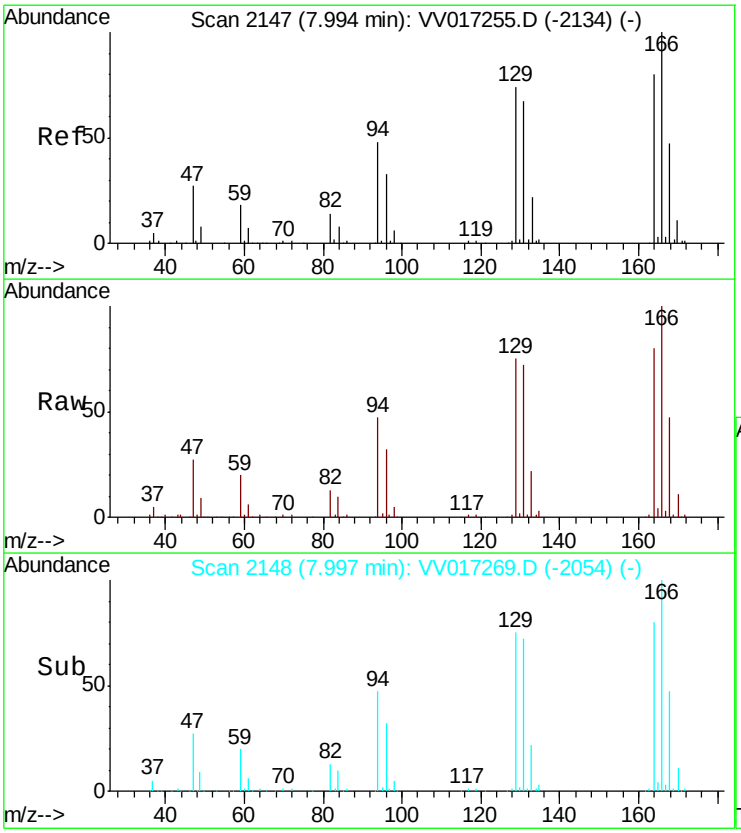

#46
trans-1,3-Dichloropropene
Concen: 0.107 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV017269.D
Acq: 30 Jun 2020 18:46

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

Tgt Ion: 75 Resp: 1407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.6 | 22.3 | 41.3 |

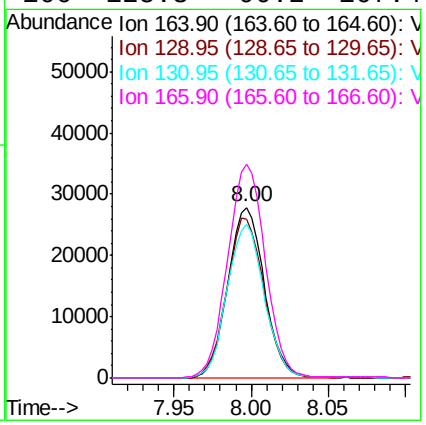


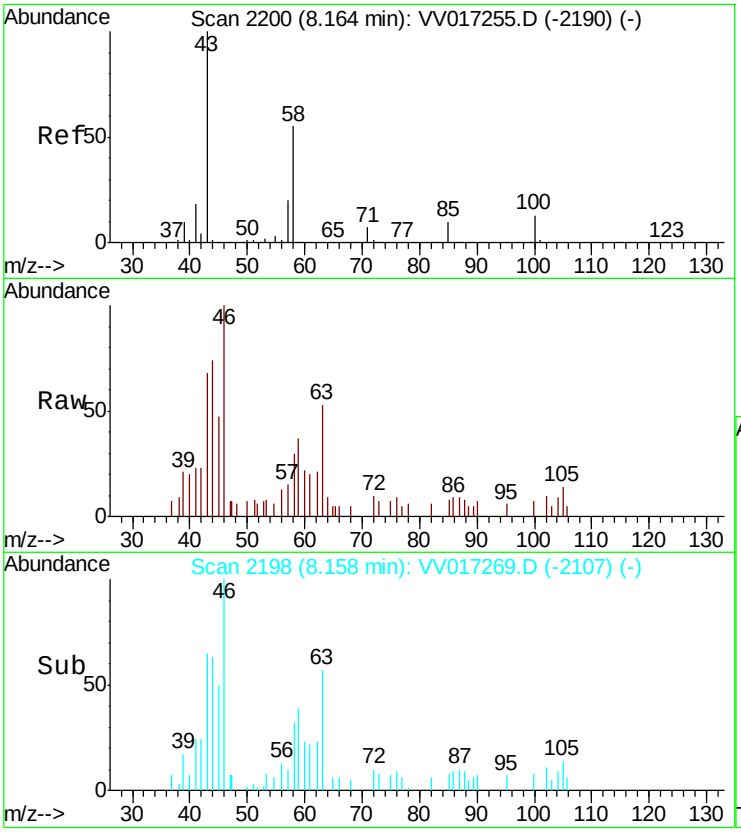




#49
Tetrachloroethene
Concen: 4.685 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV017269.D
Acq: 30 Jun 2020 18:46

Tgt Ion:164 Resp: 45631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 93.4 | 65.2 | 121.0 |
| 131 | 90.3 | 64.1 | 119.1 |
| 166 | 125.3 | 90.2 | 167.4 |



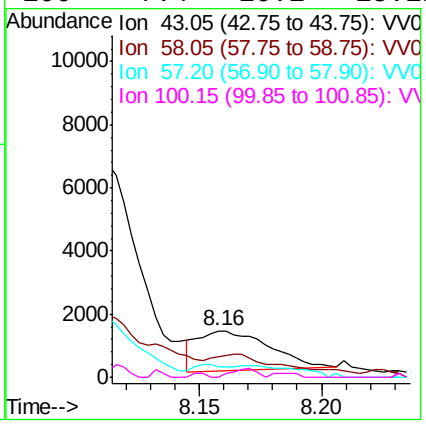


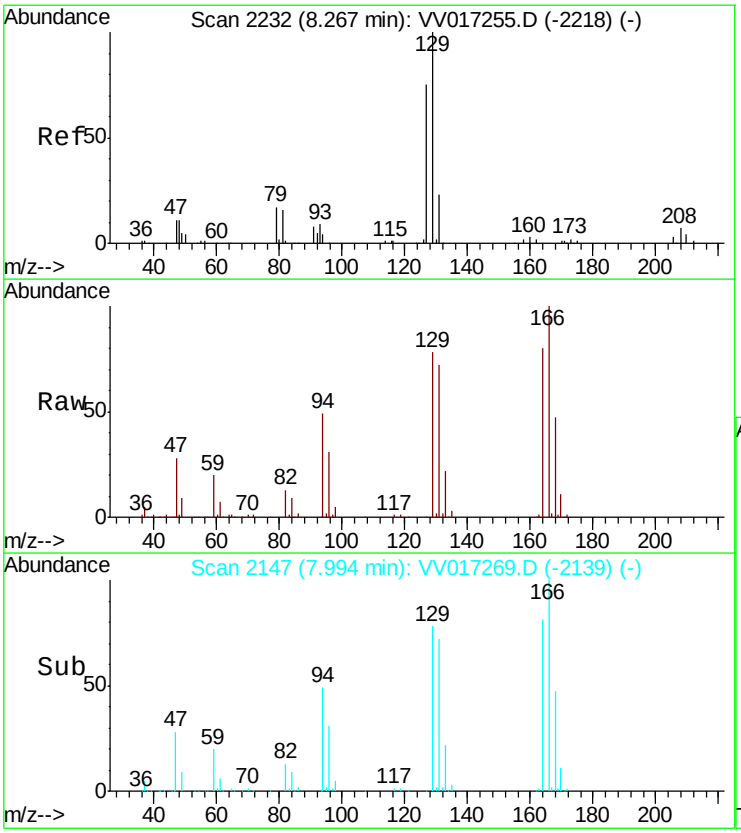

#50
2-Hexanone
Concen: 0.609 ug/L
RT: 8.16 min Scan# 2198
Delta R.T. -0.01 min
Lab File: VV017269.D
Acq: 30 Jun 2020 18:46

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

Tgt Ion: 43 Resp: 2558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 61.3 | 41.6 | 62.4 |
| 57 | 26.8 | 15.4 | 23.0# |
| 100 | 7.4 | 10.1 | 15.1# |




#51
Dibromochloromethane
Concen: 4.827 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. -0.27 min
Lab File: VV017269.D
Acq: 30 Jun 2020 18:46

Tgt Ion:129 Resp: 42456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.5 | 54.1 | 100.5# |