Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV073120\
Data File : VV017770.D
Acq On : 31 Jul 2020 13:10
Operator : SY/MD
Sample : L3486-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** C0Y33

Quant Time: Aug 01 04:46:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 01 04:42:38 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.64 | 114 | 153229 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.87 | 117 | 147754 | 5.00 | ug/L | 0.00 |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152 | 81965 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 31411 | 4.29 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 85.80% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 27625 | 4.93 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 98.60% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.12 | 63 | 50979 | 3.11 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 62.20% | | | |
| 20) 2-Butanone-d5 | 3.92 | 46 | 77903 | 44.51 | ug/L | -0.03 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 89.02% | | | |
| 24) Chloroform-d | 4.37 | 84 | 77184 | 4.36 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 87.20% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.06 | 65 | 46200 | 5.06 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 101.20% | | | |
| 32) Benzene-d6 | 5.07 | 84 | 132816 | 4.08 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 81.60% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.09 | 67 | 37156 | 4.10 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 82.00% | | | |
| 41) Toluene-d8 | 7.34 | 98 | 119460 | 3.82 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 76.40% | | | |
| 45) trans-1,3-Dichloropropene- | 7.64 | 79 | 17185 | 4.19 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 83.80% | | | |
| 48) 2-Hexanone-d5 | 8.11 | 63 | 55797 | 43.88 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 87.76% | | | |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24 | 84 | 26141 | 4.15 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 83.00% | | | |
| 65) 1,2-Dichlorobenzene-d4 | 11.65 | 152 | 56177 | 4.53 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 90.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.25 | 50 | 5322 | 0.487 | ug/L | 91 |
| 8) Chloroethane | 1.60 | 64 | 810 | 0.128 | ug/L | 82 |
| 13) Acetone | 2.20 | 43 | 1013648 | 739.766 | ug/L # | 55 |
| 15) Methyl Acetate | 2.20 | 43 | 999090 | 374.714 | ug/L # | 41 |
| 17) Methyl tert-butyl Ether | 2.78 | 73 | 2846 | 0.135 | ug/L # | 53 |
| 21) 2-Butanone | 4.00 | 43 | 411251 | 177.743 | ug/L | 97 |
| 50) 2-Hexanone | 8.16 | 43 | 128266 | 33.637 | ug/L | 97 |
| 71) 1,2,3-Trichlorobenzene | 13.77 | 180 | 3098 | 0.195 | ug/L | 90 |

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

Quantitation Report (Not Reviewed)

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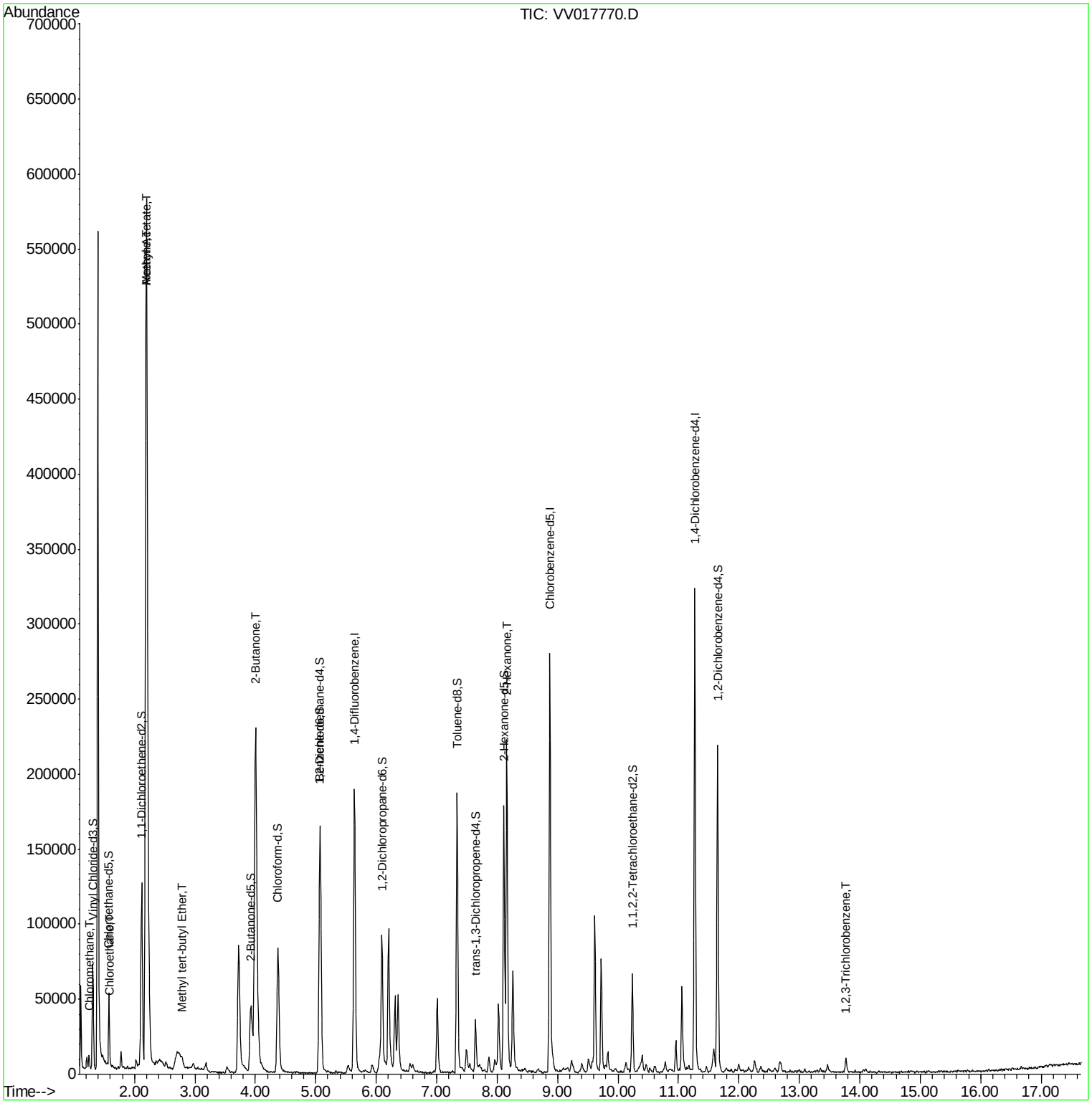
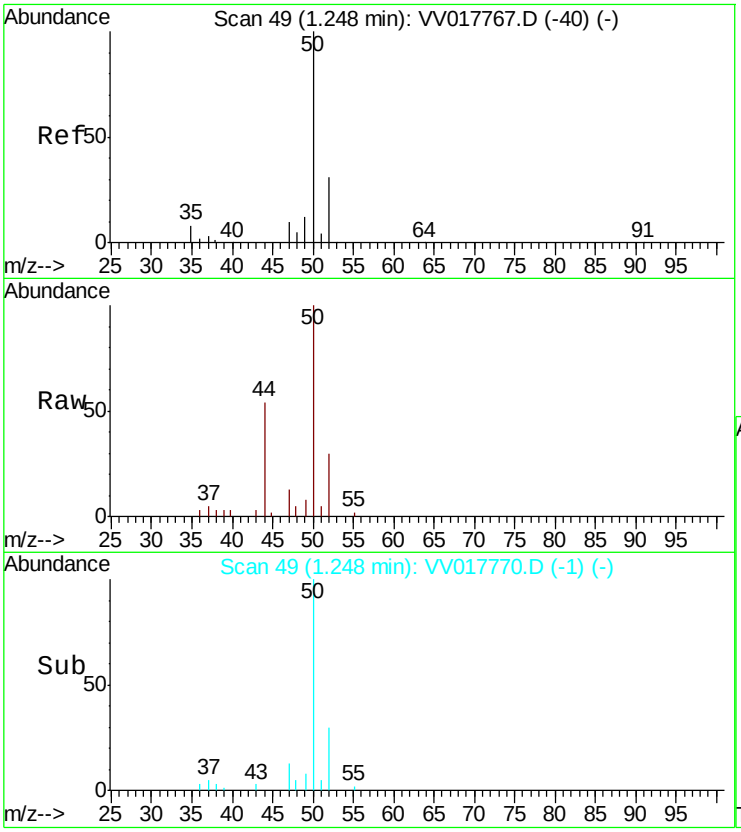
Data File : VV017770.D
Acq On : 31 Jul 2020 13:10
Operator : SY/MD
Sample : L3486-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0Y33

Quant Time: Aug 01 04:46:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 01 04:42:38 2020
Response via : Initial Calibration



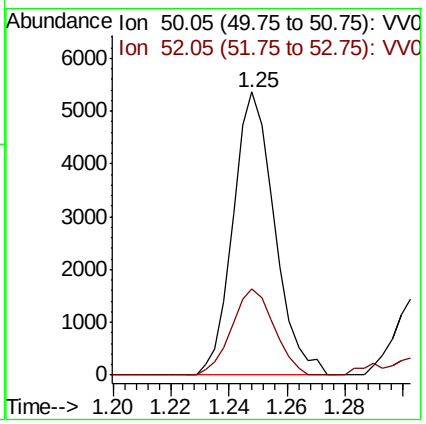


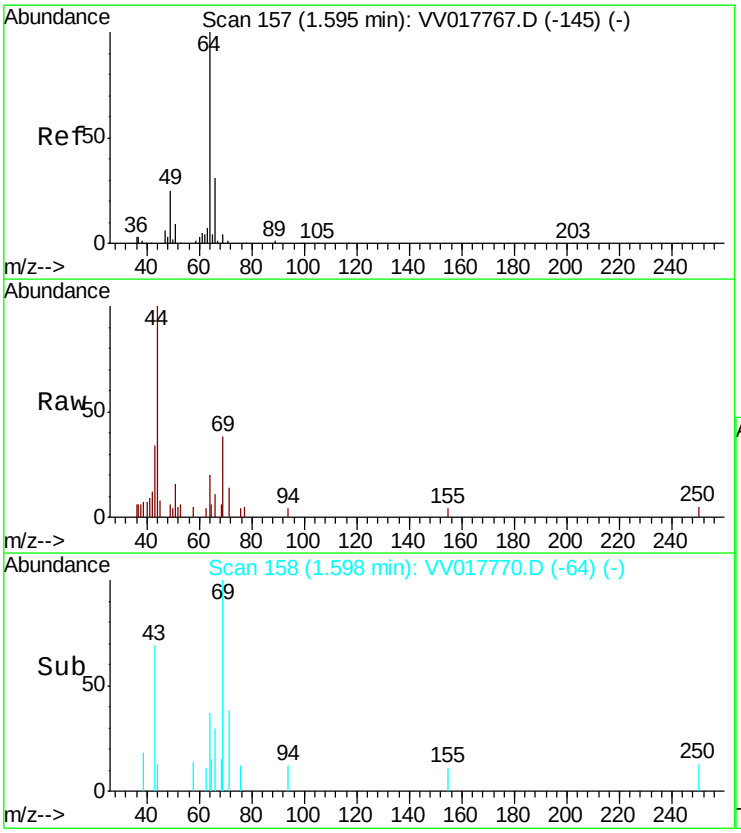

#3
Chloromethane
Concen: 0.487 ug/L
RT: 1.25 min Scan# 49
Delta R.T. 0.00 min
Lab File: VV017770.D
Acq: 31 Jul 2020 13:10

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0Y33

Tgt Ion: 50 Resp: 5322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 30.5 | 25.1 | 46.5 |

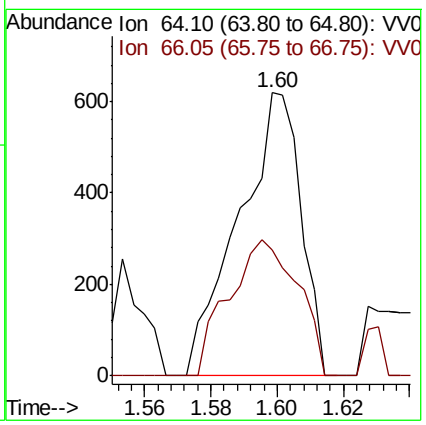


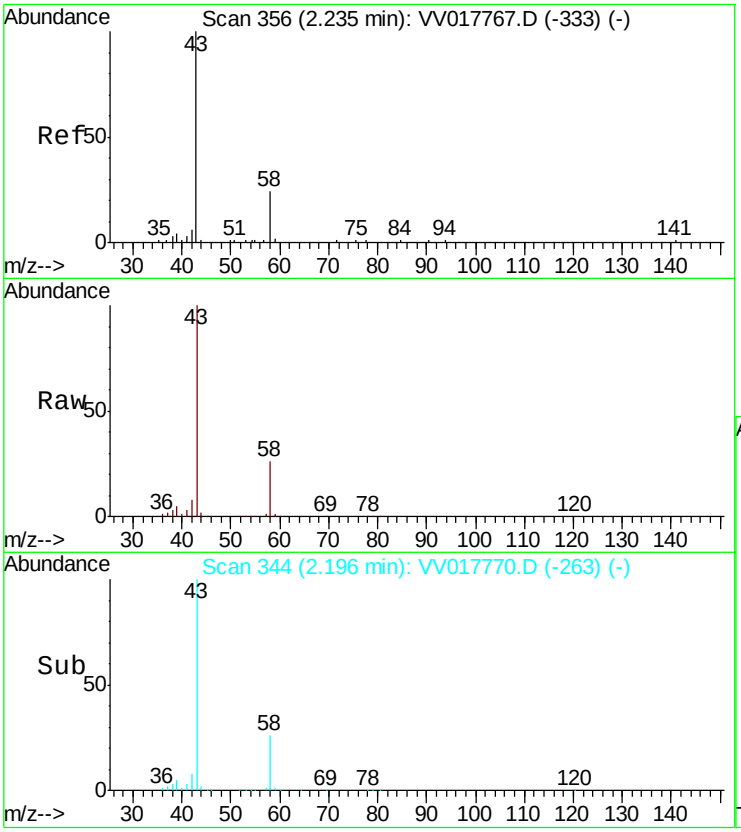




#8
Chloroethane
Concen: 0.128 ug/L
RT: 1.60 min Scan# 158
Delta R.T. 0.00 min
Lab File: VV017770.D
Acq: 31 Jul 2020 13:10

Tgt Ion: 64 Resp: 810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 44.6 | 24.0 | 44.6 |



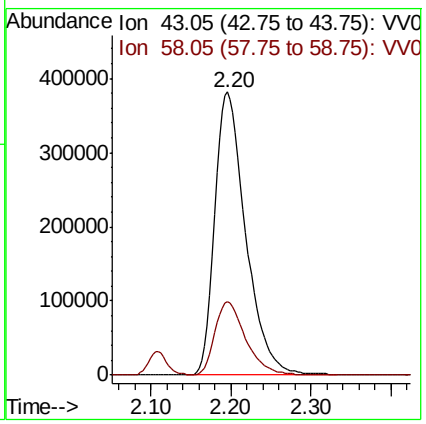


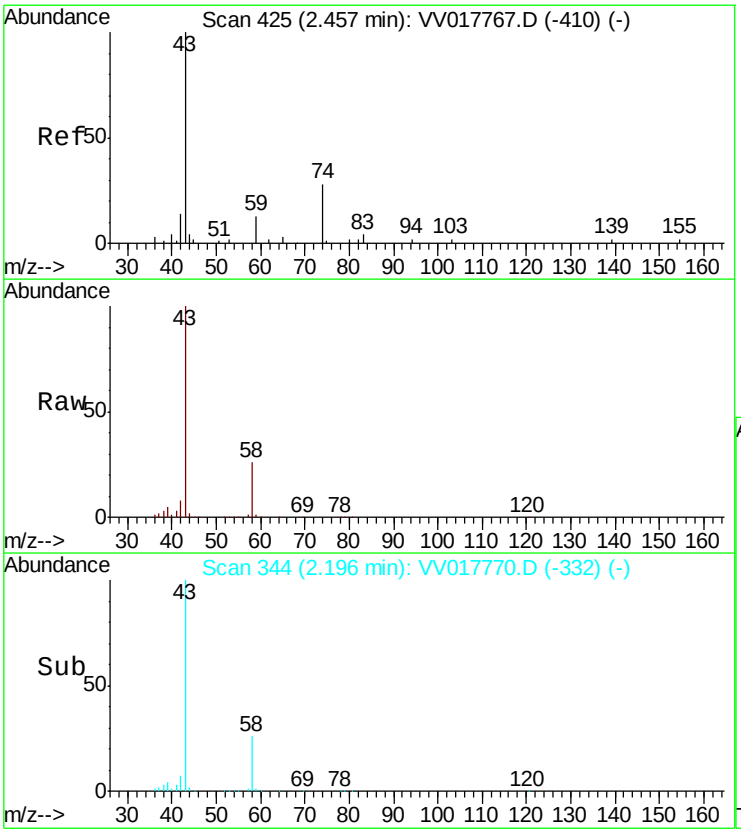

#13
Acetone
Concen: 739.766 ug/L
RT: 2.20 min Scan# 344
Delta R.T. -0.04 min
Lab File: VV017770.D
Acq: 31 Jul 2020 13:10

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0Y33

Tgt Ion: 43 Resp: 1013648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 25.9 | 0.0 | 18.6# |

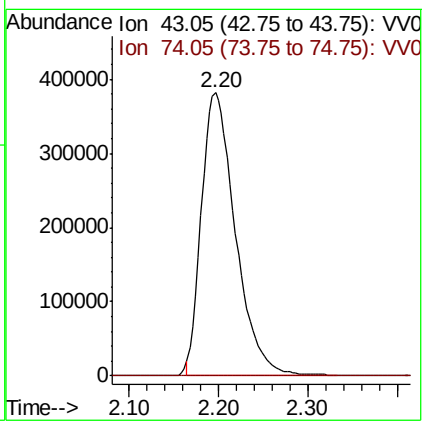


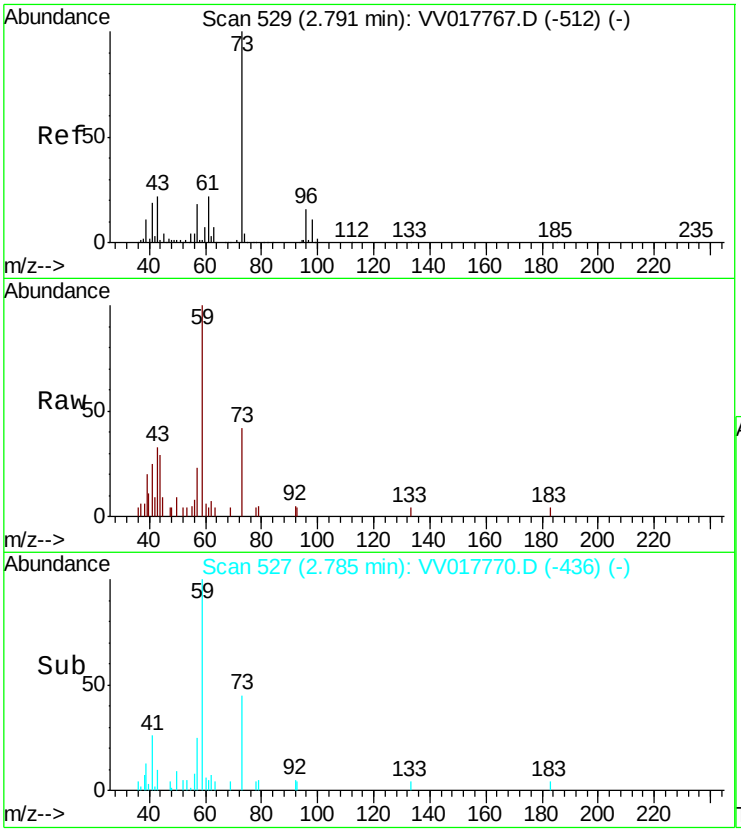




#15
Methyl Acetate
Concen: 374.714 ug/L
RT: 2.20 min Scan# 344
Delta R.T. -0.26 min
Lab File: VV017770.D
Acq: 31 Jul 2020 13:10

Tgt Ion: 43 Resp: 999090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 26.6 | 40.0# |



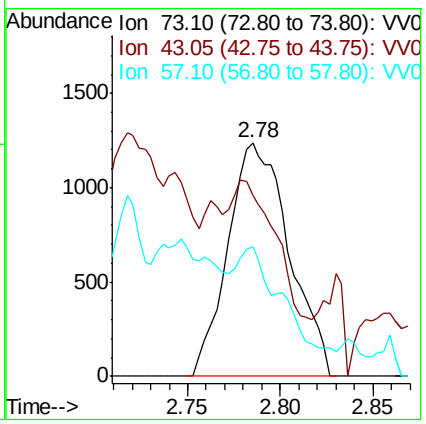


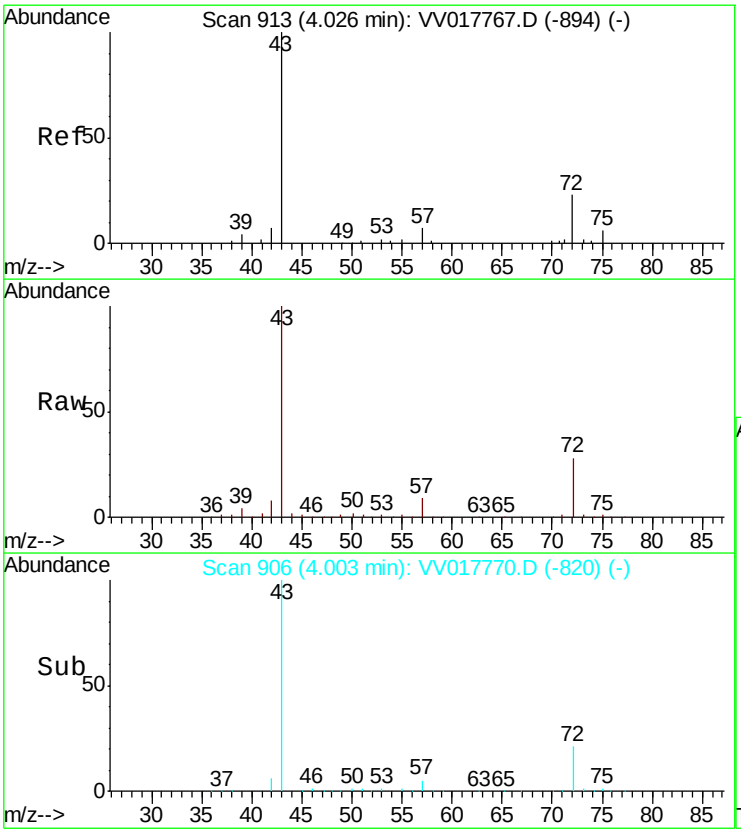

#17
Methyl tert-butyl Ether
Concen: 0.135 ug/L
RT: 2.78 min Scan# 527
Delta R.T. -0.01 min
Lab File: VV017770.D
Acq: 31 Jul 2020 13:10

**Instrument :** MSVOA_V
**ClientSampleId :** C0Y33

Tgt Ion: 73 Resp: 2846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 42.1 | 18.3 | 27.5# |
| 57 | 46.9 | 16.7 | 25.1# |

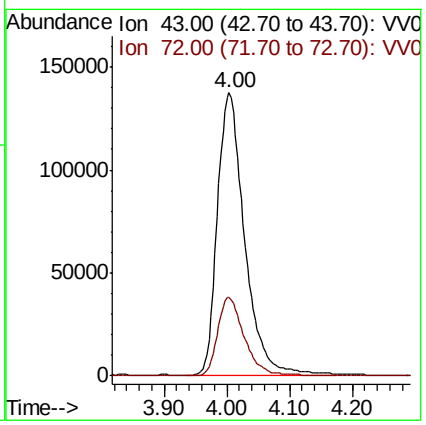


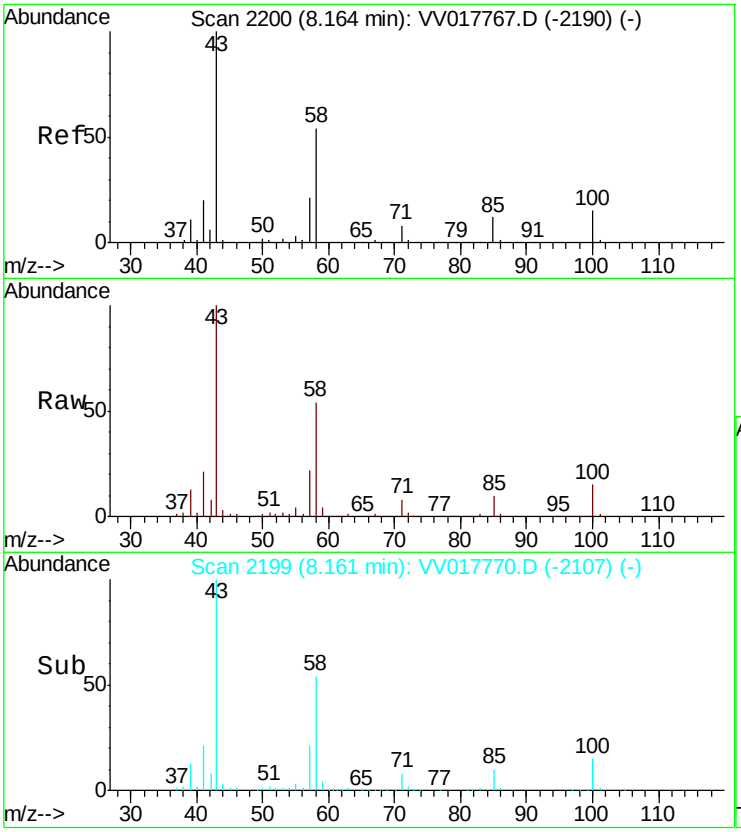




#21
2-Butanone
Concen: 177.743 ug/L
RT: 4.00 min Scan# 906
Delta R.T. -0.02 min
Lab File: VV017770.D
Acq: 31 Jul 2020 13:10

Tgt Ion: 43 Resp: 411251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 27.4 | 13.0 | 38.9 |



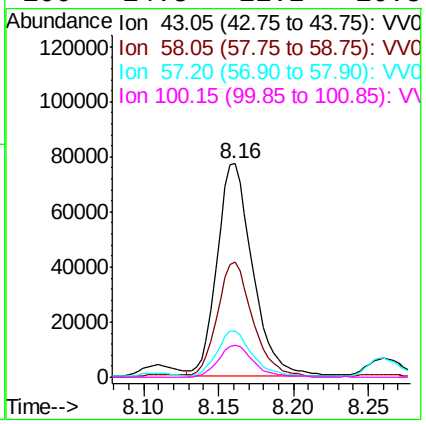


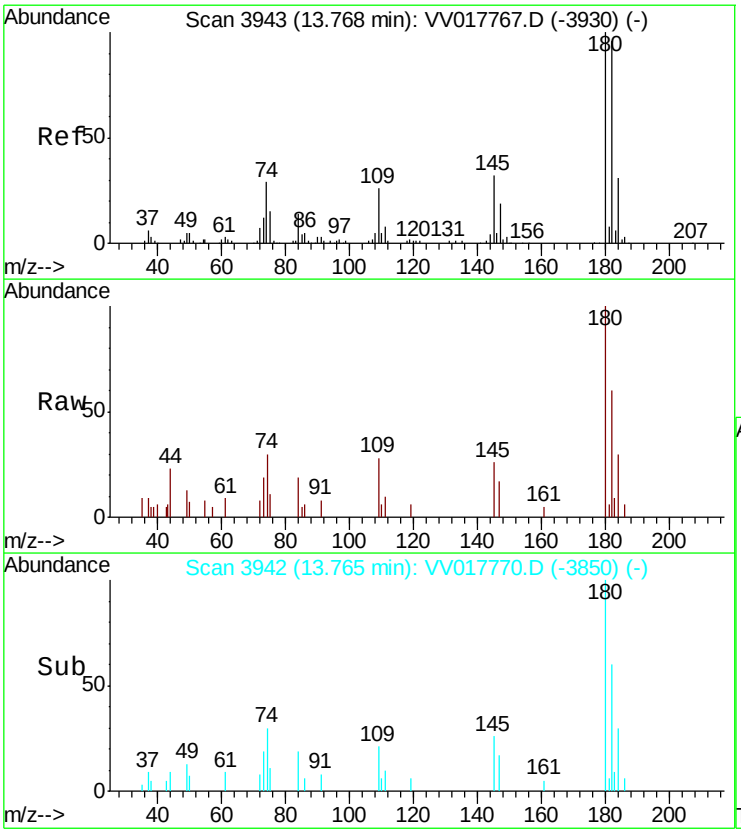

#50
2-Hexanone
Concen: 33.637 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. -0.00 min
Lab File: VV017770.D
Acq: 31 Jul 2020 13:10

**Instrument :** MSVOA_V
**ClientSampleId :** C0Y33

Tgt Ion: 43 Resp: 128266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 54.2 | 41.6 | 62.4 |
| 57 | 21.5 | 15.4 | 23.0 |
| 100 | 14.8 | 11.2 | 16.8 |




#71
1,2,3-Trichlorobenzene
Concen: 0.195 ug/L
RT: 13.77 min Scan# 3942
Delta R.T. -0.00 min
Lab File: VV017770.D
Acq: 31 Jul 2020 13:10

Tgt Ion:180 Resp: 3098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 81.6 | 74.2 | 111.4 |
| 145 | 34.6 | 26.0 | 39.0 |