Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016684.D
Acq On : 29 Sep 2020 11:53
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** VIBLK

Quant Time: Sep 30 07:16:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 30 07:14:58 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.85 | 114 | 592379 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 529016 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152 | 263648 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.37 | 65 | 91374 | 15.94 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 63.76% | | | |
| 7) Chloroethane-d5 | 2.91 | 69 | 84957 | 18.15 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 72.60% | | | |
| 10) 1,1-Dichloroethene-d2 | 4.03 | 63 | 156950 | 12.24 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 48.96% | | | |
| 20) 2-Butanone-d5 | 7.09 | 46 | 60529 | 38.72 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 77.44% | | | |
| 24) Chloroform-d | 7.66 | 84 | 277384 | 22.38 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 89.52% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.31 | 65 | 140228 | 22.04 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 88.16% | | | |
| 29) Benzene-d6 | 8.28 | 84 | 489634 | 20.64 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 82.56% | | | |
| 33) 1,2-Dichloropropane-d6 | 9.28 | 67 | 144570 | 22.49 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 89.96% | | | |
| 37) Toluene-d8 | 10.33 | 98 | 447470 | 19.17 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 76.68% | | | |
| 38) trans-1,3-Dichloropropene- | 10.58 | 79 | 63473 | 19.58 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 78.32% | | | |
| 39) 2-Hexanone-d5 | 10.93 | 63 | 49709 | 42.51 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 85.02% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69 | 84 | 119674 | 21.88 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 87.52% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.85 | 152 | 199278 | 23.66 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 94.64% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 4.14 | 43 | 1618 | 1.321 | ug/L | 57 |
| 16) Methylene chloride | 4.93 | 84 | 12998 | 1.423 | ug/L | 98 |
| 42) cis-1,3-Dichloropropene | 10.04 | 75 | 5284 | 0.469 | ug/L # | 67 |
| 45) trans-1,3-Dichloropropene | 10.59 | 75 | 3447 | 0.352 | ug/L # | 74 |
| 49) 2-Hexanone | 10.93 | 43 | 6080 | 2.286 | ug/L # | 67 |
| 67) 1,3,5-Trichlorobenzene | 15.13 | 180 | 19870 | 1.584 | ug/L | 97 |
| 68) 1,2,4-trichlorobenzene | 15.13 | 180 | 19870 | 1.958 | ug/L | 98 |

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

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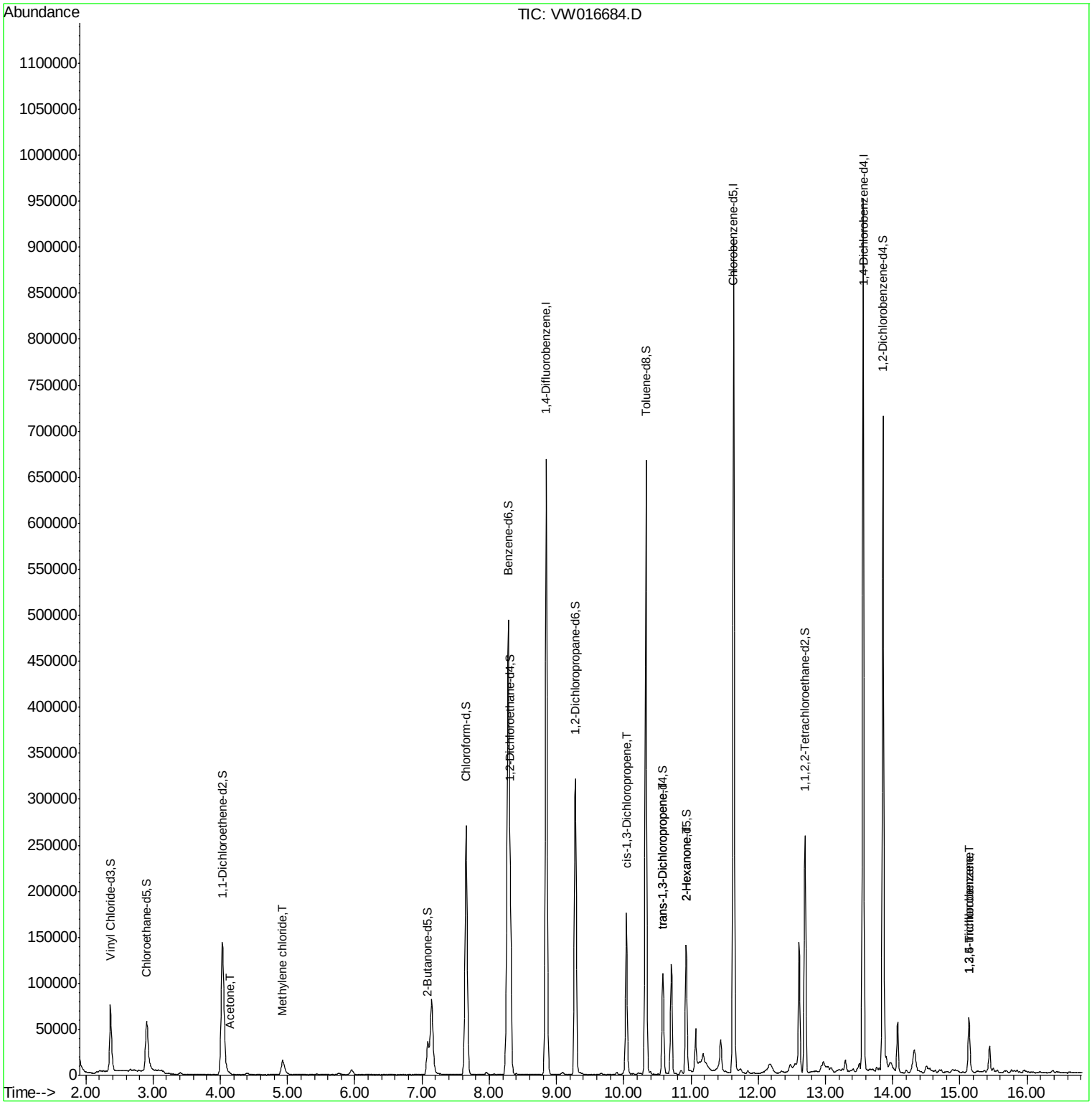
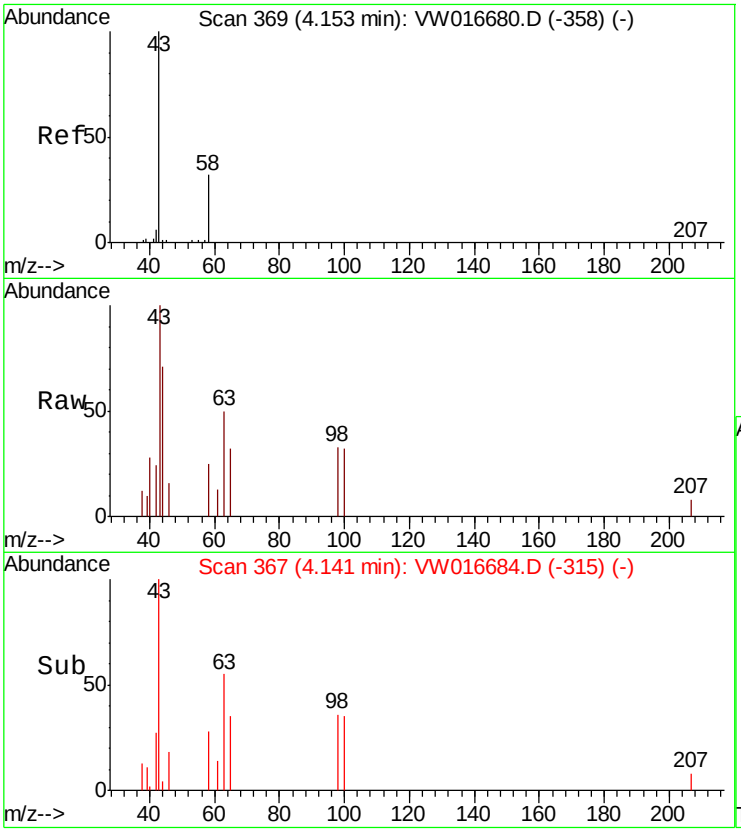
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK

Quant Time: Sep 30 07:16:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 30 07:14:58 2020
Response via : Initial Calibration

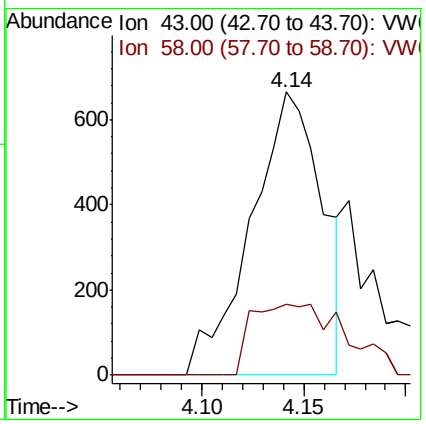




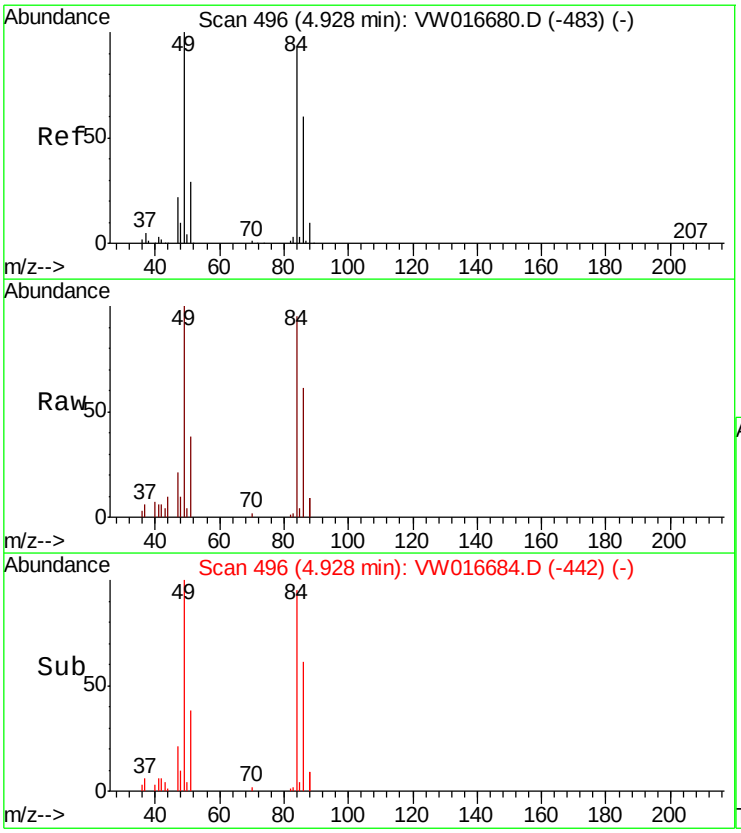

#13
Acetone
Concen: 1.321 ug/L
RT: 4.14 min Scan# 367
Delta R.T. -0.01 min
Lab File: VW016684.D
Acq: 29 Sep 2020 11:53

Tgt Ion: 43 Resp: 1618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 6.9 | 0.0 | 60.2 |



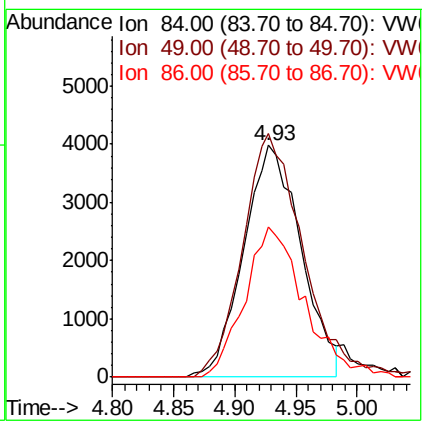

**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK

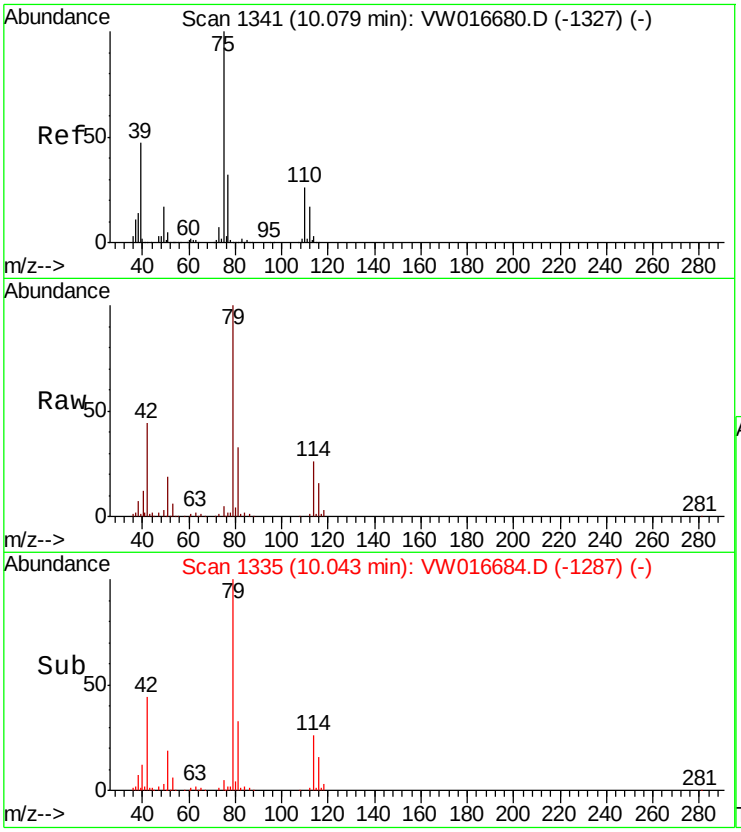



#16
Methylene chloride
Concen: 1.423 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.00 min
Lab File: VW016684.D
Acq: 29 Sep 2020 11:53

Tgt Ion: 84 Resp: 12998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 104.9 | 76.0 | 141.2 |
| 86 | 64.5 | 45.6 | 84.6 |



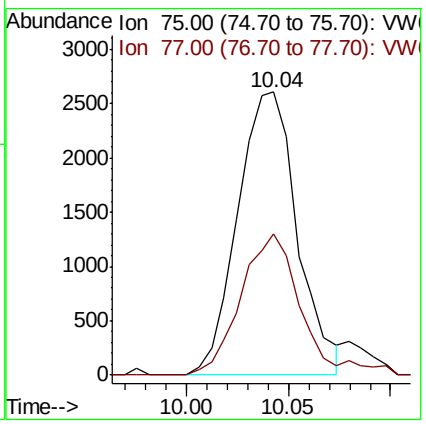


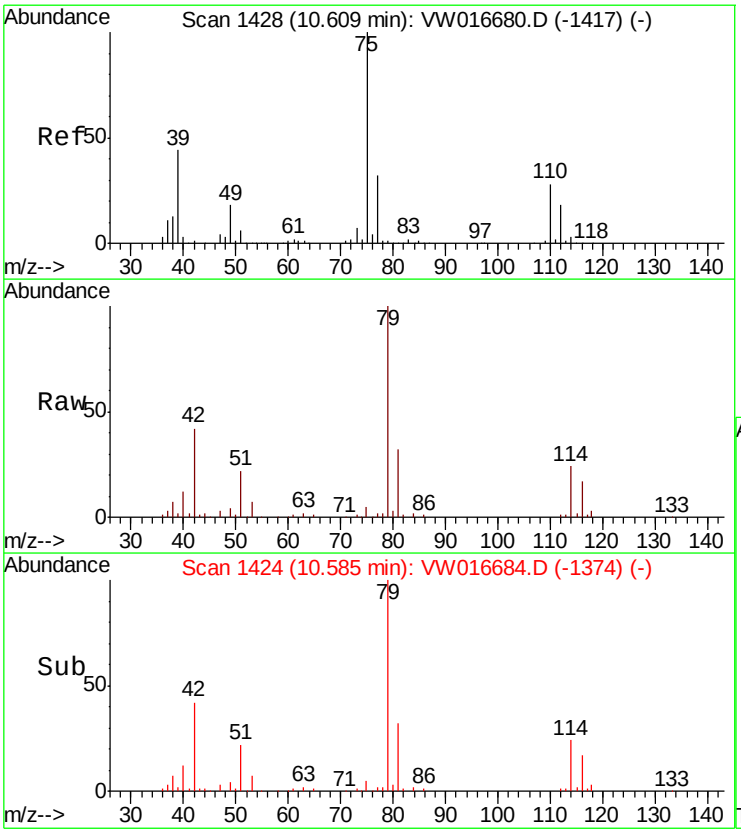

#42
cis-1,3-Dichloropropene
Concen: 0.469 ug/L
RT: 10.04 min Scan# 1335
Delta R.T. -0.04 min
Lab File: VW016684.D
Acq: 29 Sep 2020 11:53

**Instrument :** MSVOA_W
**ClientSampleId :** VIBLK

Tgt Ion: 75 Resp: 5284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 50.0 | 22.2 | 41.2# |

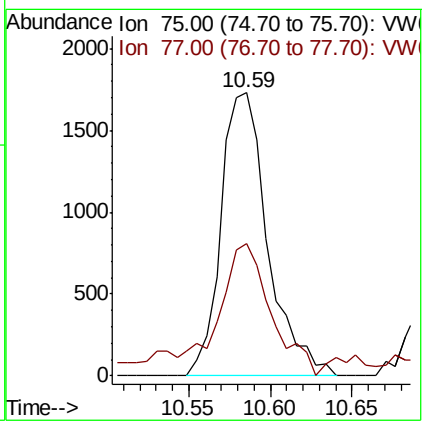


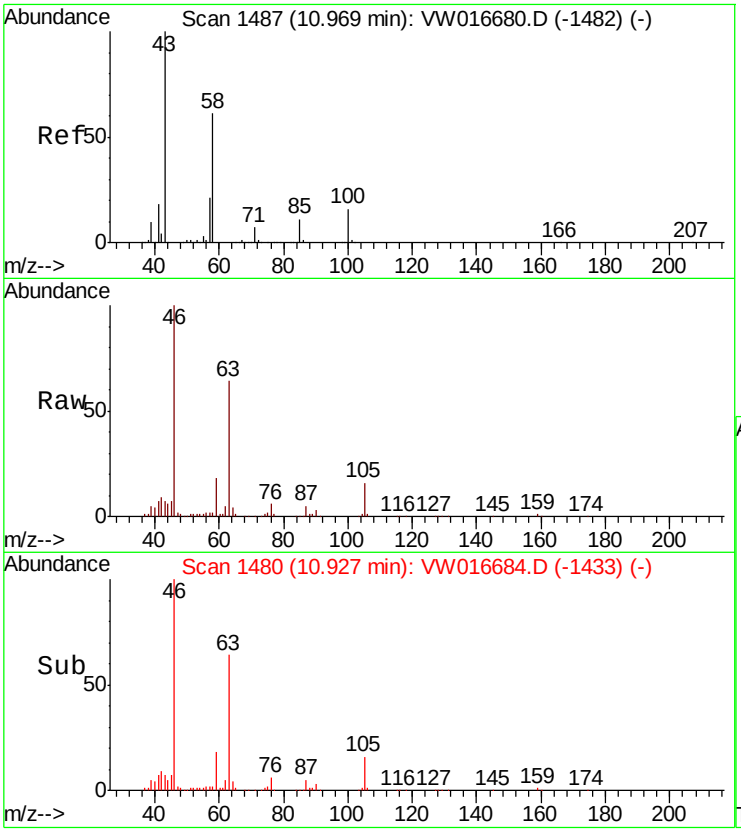




#45
trans-1,3-Dichloropropene
Concen: 0.352 ug/L
RT: 10.59 min Scan# 1424
Delta R.T. -0.02 min
Lab File: VW016684.D
Acq: 29 Sep 2020 11:53

Tgt Ion: 75 Resp: 3447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 46.8 | 22.5 | 41.9# |



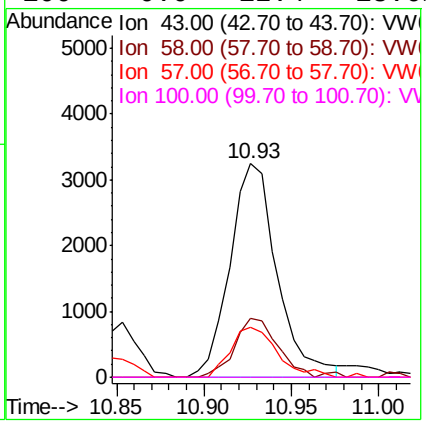


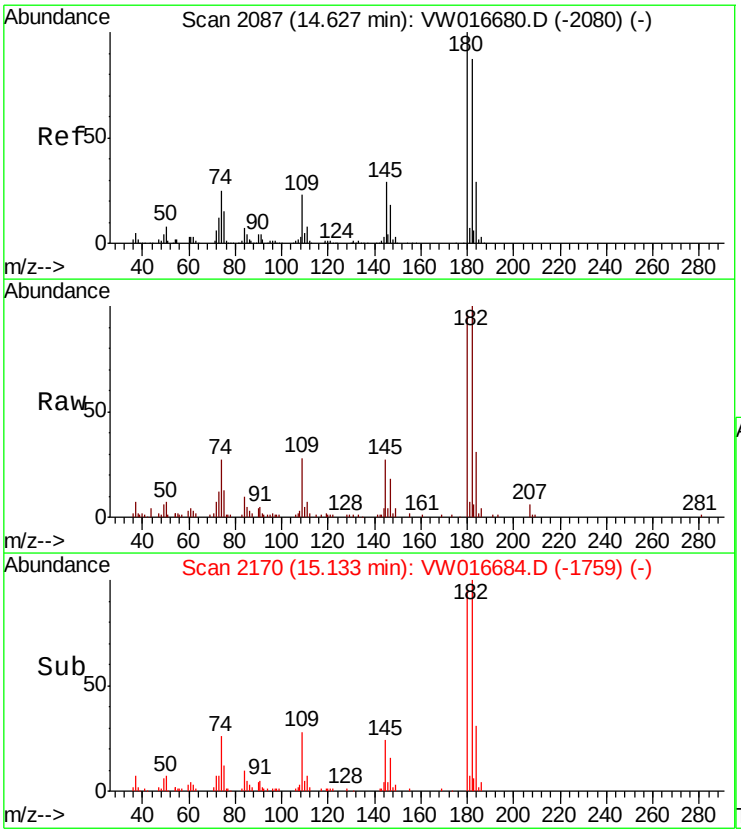

#49
2-Hexanone
Concen: 2.286 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW016684.D
Acq: 29 Sep 2020 11:53

**Instrument :** MSVOA_W
**ClientSampleId :** VIBLK

Tgt Ion: 43 Resp: 6080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 25.1 | 44.2 | 66.2# |
| 57 | 23.2 | 16.3 | 24.5 |
| 100 | 0.0 | 12.4 | 18.6# |

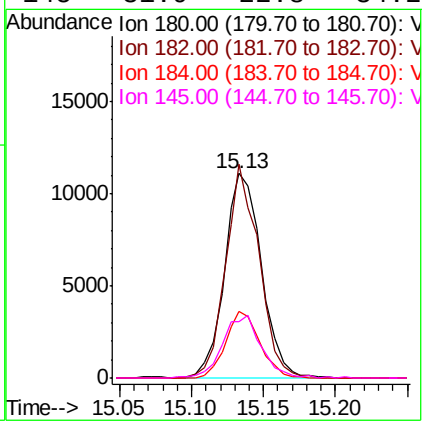


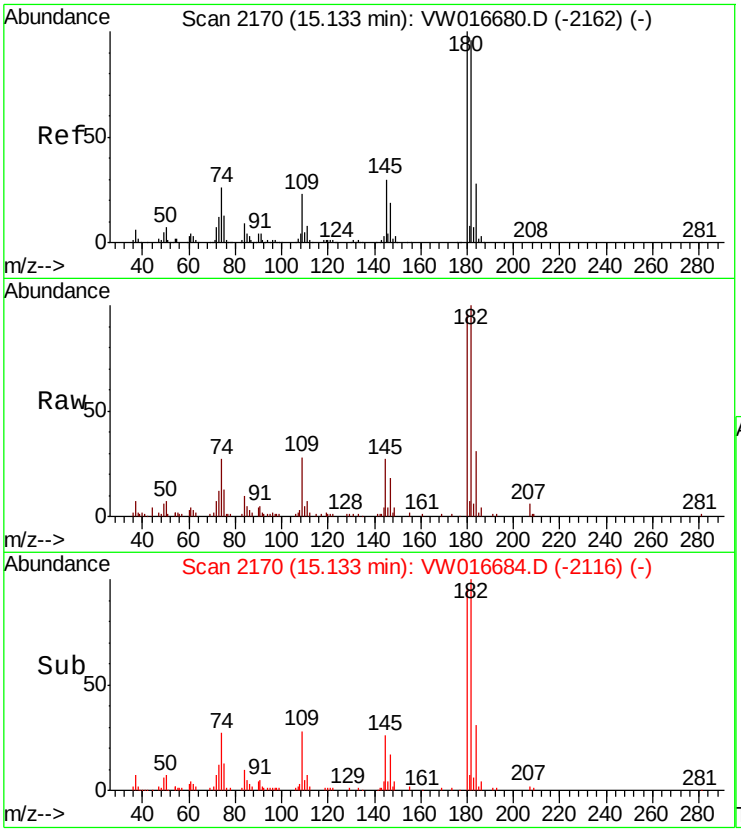




#67
1,3,5-Trichlorobenzene
Concen: 1.584 ug/L
RT: 15.13 min Scan# 2170
Delta R.T. 0.51 min
Lab File: VW016684.D
Acq: 29 Sep 2020 11:53

Tgt Ion:180 Resp: 19870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.0 | 73.8 | 110.8 |
| 184 | 30.3 | 23.7 | 35.5 |
| 145 | 31.9 | 22.8 | 34.2 |






#68
1,2,4-trichlorobenzene
Concen: 1.958 ug/L
RT: 15.13 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VW016684.D
Acq: 29 Sep 2020 11:53

**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK

Tgt Ion:180 Resp: 19870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.0 | 74.5 | 111.7 |
| 145 | 31.9 | 23.1 | 34.7 |