Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072020\
Data File : VV017543.D
Acq On : 20 Jul 2020 14:38
Operator : SY/MD
Sample : VV0720WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VBLK63

Quant Time: Jul 21 01:45:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072020WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jul 20 18:07:44 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.64 | 114 | 283935 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.87 | 117 | 304473 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152 | 136846 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 76311 | 48.18 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 96.36% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 61592 | 47.25 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 94.50% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.12 | 63 | 138083 | 35.85 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 71.70% | | | |
| 21) 2-Butanone-d5 | 3.91 | 46 | 110507 | 96.03 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 96.03% | | | |
| 24) Chloroform-d | 4.38 | 84 | 167026 | 46.03 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 92.06% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.05 | 65 | 121994 | 49.26 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 98.52% | | | |
| 32) Benzene-d6 | 5.07 | 84 | 298270 | 44.42 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 88.84% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.09 | 67 | 95771 | 48.35 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 96.70% | | | |
| 41) Toluene-d8 | 7.34 | 98 | 274715 | 43.17 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 86.34% | | | |
| 43) trans-1,3-Dichloropropene- | 7.64 | 79 | 50297 | 41.27 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 82.54% | | | |
| 47) 2-Hexanone-d5 | 8.11 | 63 | 85268 | 91.67 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 91.67% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24 | 84 | 150099 | 52.49 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 104.98% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.65 | 152 | 124596 | 50.38 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 100.76% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.12 | 101 | 1625 | 0.768 | ug/L # | 33 |
| 12) 1,1-Dichloroethene | 2.12 | 96 | 1373 | 0.725 | ug/L # | 1 |
| 14) Carbon disulfide | 2.31 | 76 | 3014 | 0.586 | ug/L # | 87 |
| 35) Methylcyclohexane | 6.09 | 83 | 26228 | 8.203 | ug/L # | 19 |
| 67) 1,3,5-Trichlorobenzene | 13.29 | 180 | 2132 | 0.623 | ug/L | 88 |
| 68) 1,2,4-trichlorobenzene | 13.29 | 180 | 2132 | 0.693 | ug/L | 88 |

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

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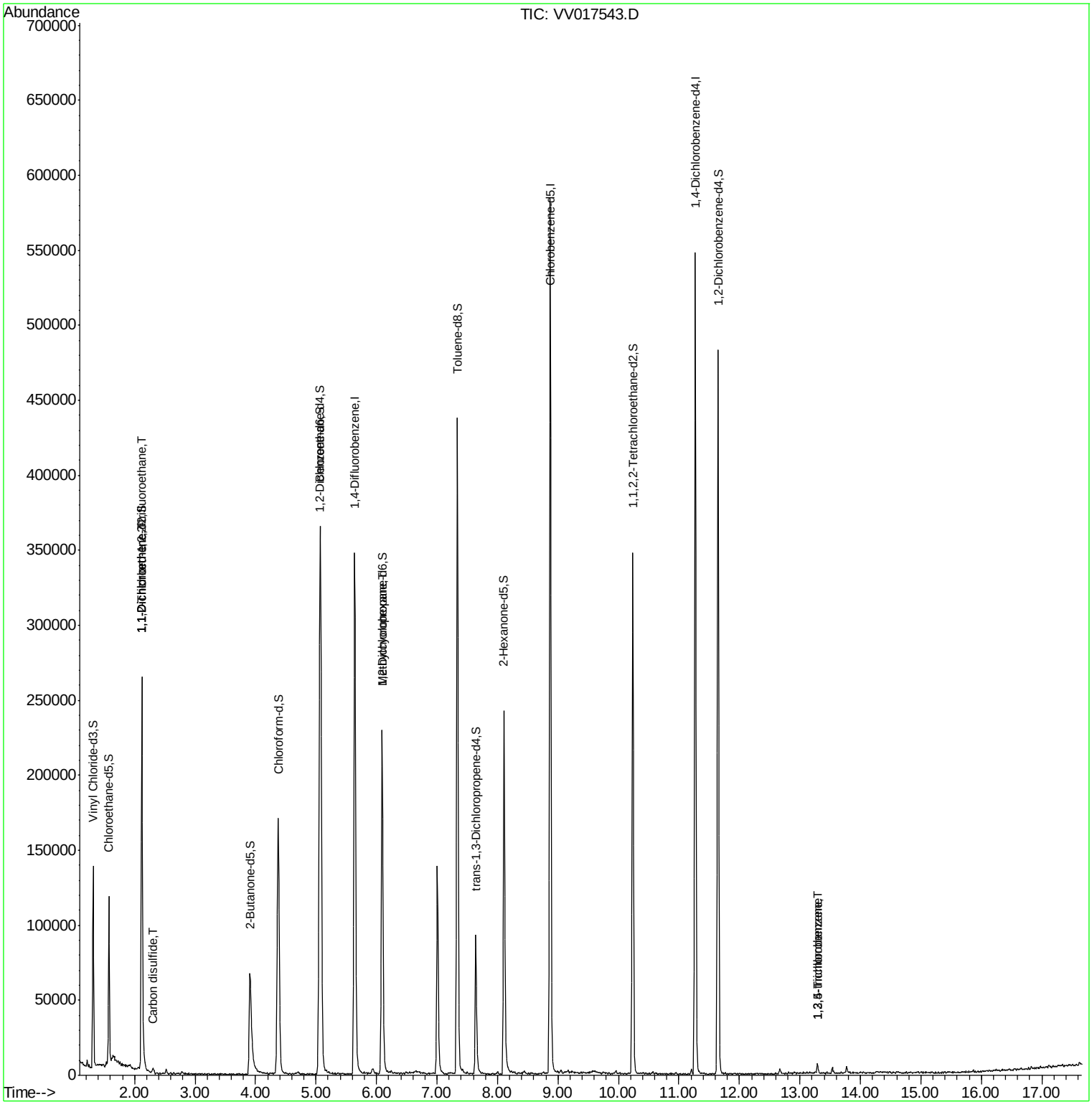
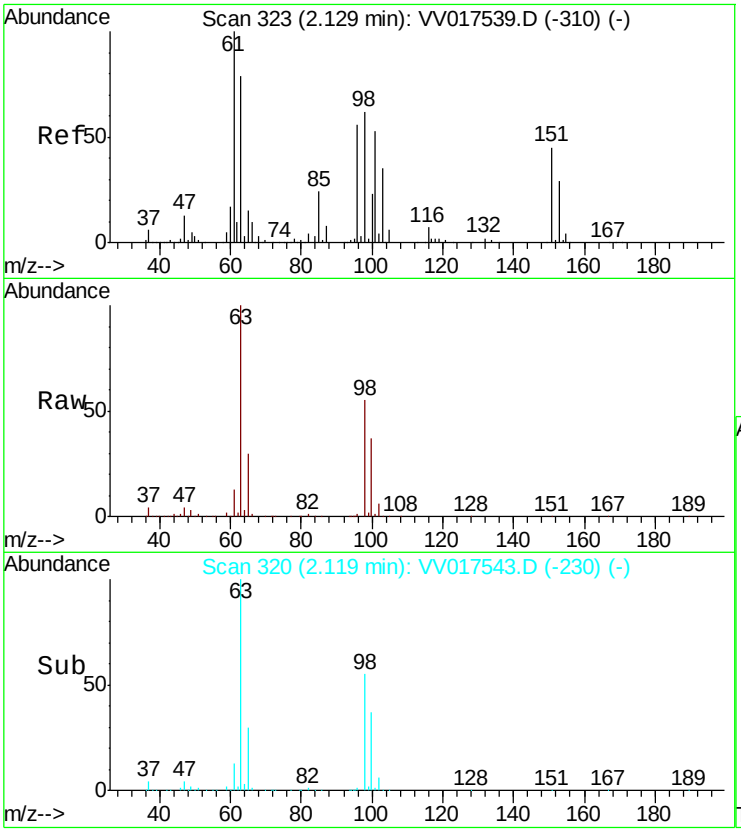
Operator : SY/MD
Sample : VV0720WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VBLK63

Quant Time: Jul 21 01:45:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072020WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jul 20 18:07:44 2020
Response via : Initial Calibration



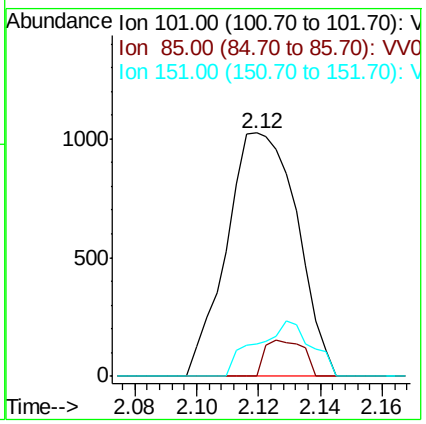


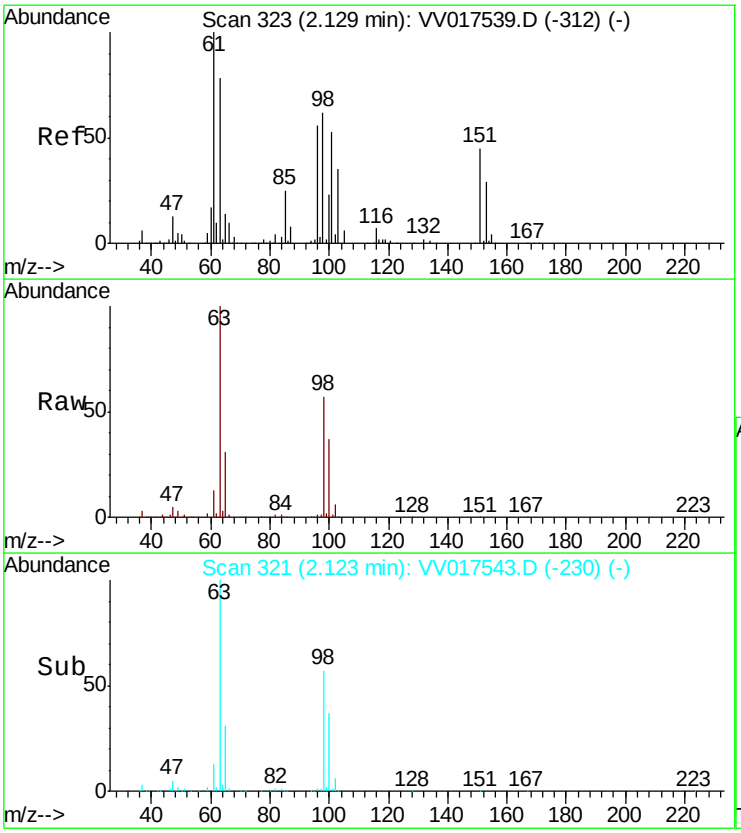

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.768 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.01 min
Lab File: VV017543.D
Acq: 20 Jul 2020 14:38

**Instrument :** MSVOA_V
**ClientSampleId :** VBLK63

Tgt Ion:101 Resp: 1625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 8.1 | 36.2 | 54.4# |
| 151 | 17.8 | 65.9 | 98.9# |

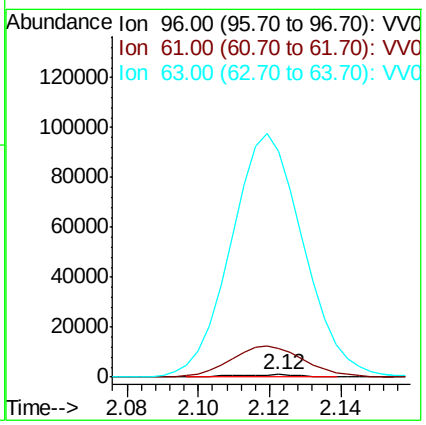


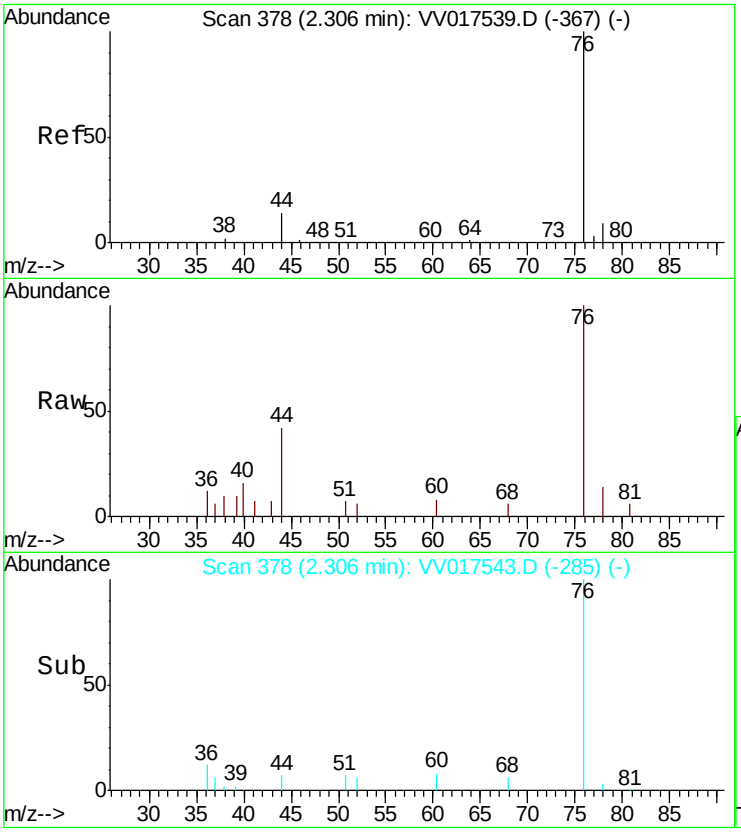




#12
1,1-Dichloroethene
Concen: 0.725 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV017543.D
Acq: 20 Jul 2020 14:38

Tgt Ion: 96 Resp: 1373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1195.6 | 126.0 | 234.0# |
| 63 | 9270.5 | 99.8 | 185.4# |



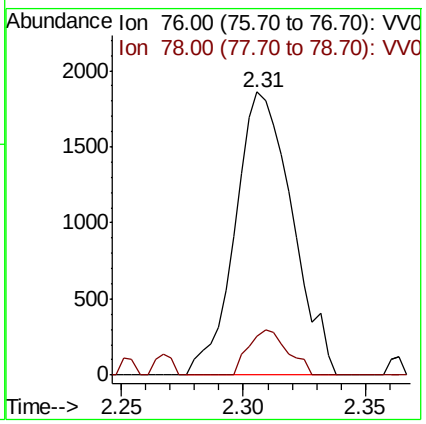


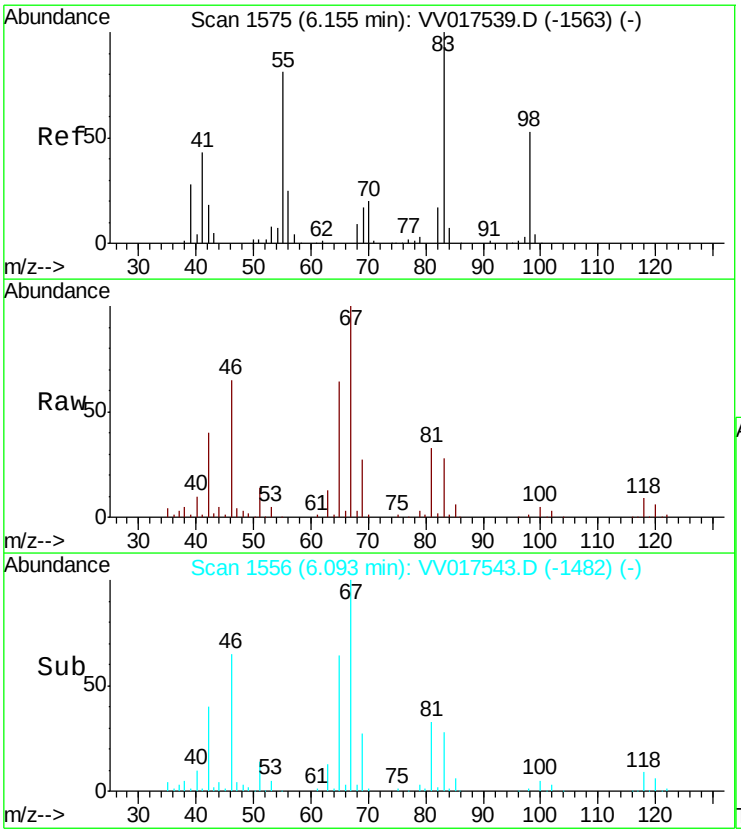

#14
Carbon disulfide
Concen: 0.586 ug/L
RT: 2.31 min Scan# 378
Delta R.T. -0.00 min
Lab File: VV017543.D
Acq: 20 Jul 2020 14:38

**Instrument :**
MSVOA_V
**ClientSampleId :**
VBLK63

Tgt Ion: 76 Resp: 3014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 13.7 | 7.3 | 10.9# |

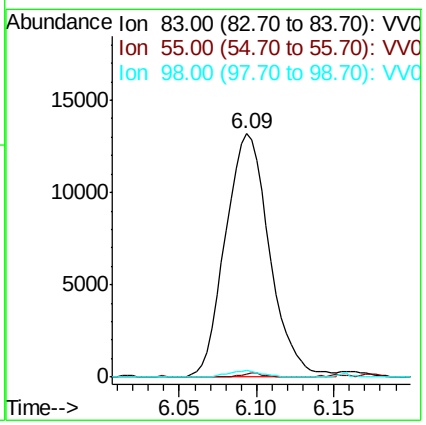


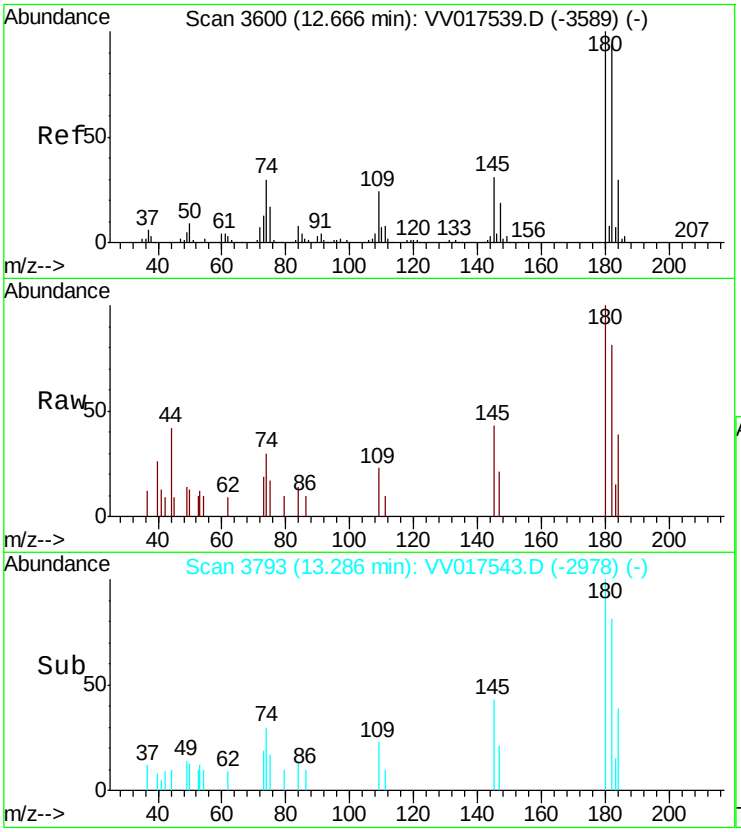




#35
Methylcyclohexane
Concen: 8.203 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017543.D
Acq: 20 Jul 2020 14:38

Tgt Ion: 83 Resp: 26228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.4 | 60.7 | 91.1# |
| 98 | 2.0 | 40.8 | 61.2# |



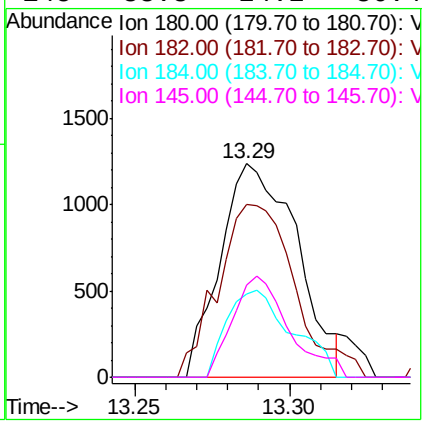


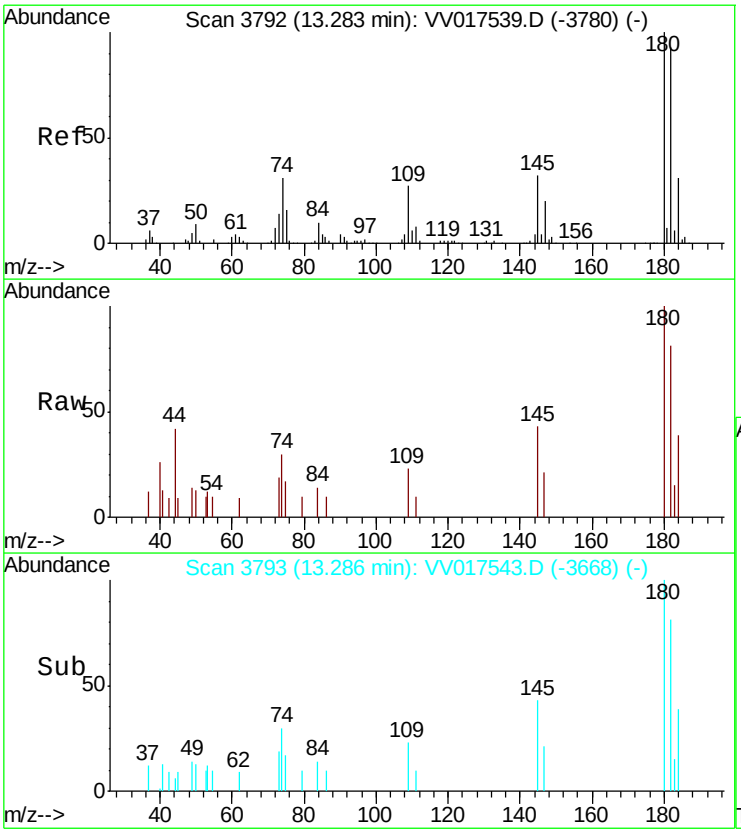

#67
1,3,5-Trichlorobenzene
Concen: 0.623 ug/L
RT: 13.29 min Scan# 3793
Delta R.T. 0.62 min
Lab File: VV017543.D
Acq: 20 Jul 2020 14:38

**Instrument :**
MSVOA_V
**ClientSampleId :**
VBLK63

Tgt Ion:180 Resp: 2132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 81.1 | 76.0 | 114.0 |
| 184 | 34.9 | 24.4 | 36.6 |
| 145 | 33.8 | 24.2 | 36.4 |




#68
1,2,4-trichlorobenzene
Concen: 0.693 ug/L
RT: 13.29 min Scan# 3793
Delta R.T. 0.00 min
Lab File: VV017543.D
Acq: 20 Jul 2020 14:38

Tgt Ion:180 Resp: 2132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 81.1 | 76.0 | 114.0 |
| 145 | 33.8 | 24.9 | 37.3 |