Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120220\
Data File : VV019444.D
Acq On : 02 Dec 2020 13:01
Operator : SY/MD
Sample : VV1202WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VBLK90

Quant Time: Dec 03 05:51:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 03 05:50:19 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.64 | 114 | 368697 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.87 | 117 | 374359 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152 | 179930 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 137504 | 37.34 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 74.68% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 125500 | 41.87 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 83.74% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.12 | 63 | 217505 | 33.18 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 66.36% | | | |
| 21) 2-Butanone-d5 | 3.89 | 46 | 228308 | 101.73 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 101.73% | | | |
| 24) Chloroform-d | 4.37 | 84 | 264089 | 44.36 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 88.72% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.05 | 65 | 183054 | 46.98 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 93.96% | | | |
| 32) Benzene-d6 | 5.07 | 84 | 504680 | 45.60 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 91.20% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.09 | 67 | 175425 | 47.64 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 95.28% | | | |
| 41) Toluene-d8 | 7.33 | 98 | 423145 | 42.67 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 85.34% | | | |
| 43) trans-1,3-Dichloropropene- | 7.64 | 79 | 81842 | 46.01 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 92.02% | | | |
| 47) 2-Hexanone-d5 | 8.10 | 63 | 122563 | 84.47 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 84.47% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.23 | 84 | 206543 | 43.33 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 86.66% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.65 | 152 | 174665 | 49.99 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 99.98% | | | |

| Target Compounds | | | | | | Qvalue |
|---|---|---|---|---|---|---|
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.12 | 101 | 1802 | 0.697 | ug/L # | 22 |
| 25) Chloroform | 4.40 | 83 | 4956 | 0.898 | ug/L | 88 |
| 27) 1,2-Dichloroethane | 5.08 | 62 | 3313 | 0.765 | ug/L | 98 |
| 39) cis-1,3-Dichloropropene | 7.01 | 75 | 4806 | 1.053 | ug/L # | 59 |
| 48) 2-Hexanone | 8.16 | 43 | 18089 | 5.242 | ug/L # | 78 |
| 59) 1,2,3-Trichloropropane | 11.27 | 75 | 22358 | 5.508 | ug/L | 98 |

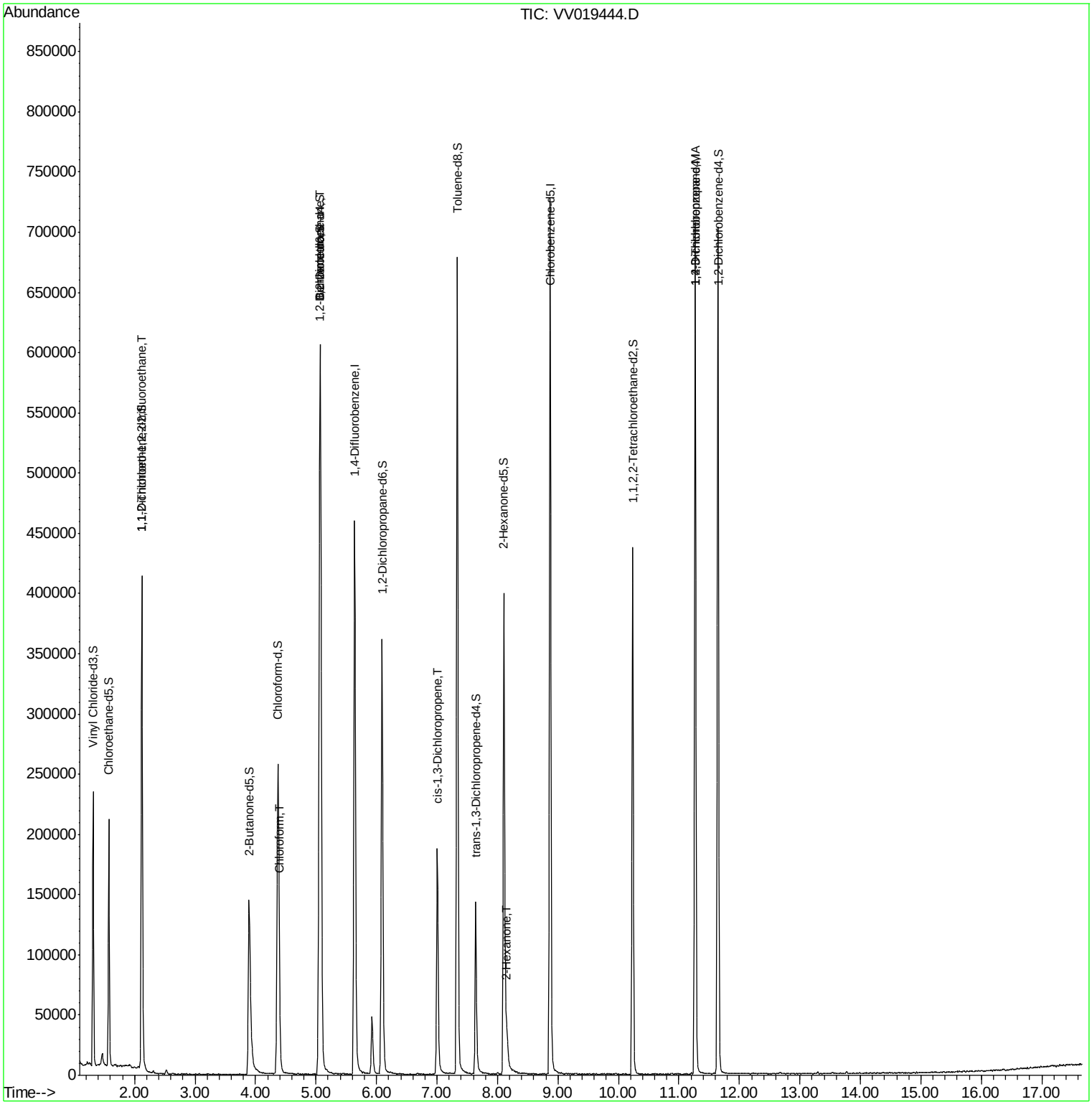
(#) = qualifier out of range (m) = manual integration (+) = signals summed

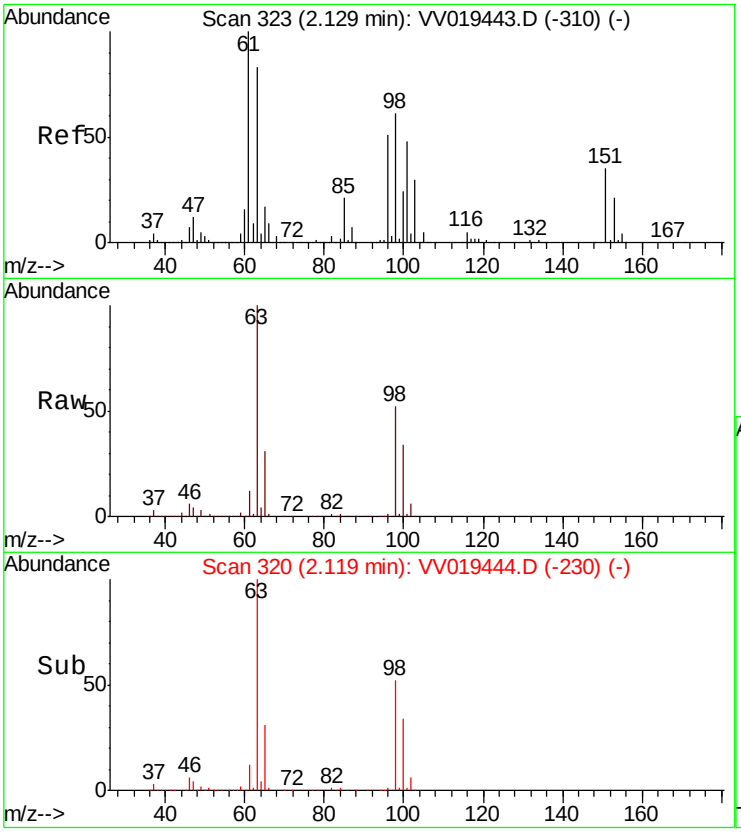
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120220\
Data File : VV019444.D
Acq On : 02 Dec 2020 13:01
Operator : SY/MD
Sample : VV1202WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VBLK90

Quant Time: Dec 03 05:51:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 03 05:50:19 2020
Response via : Initial Calibration



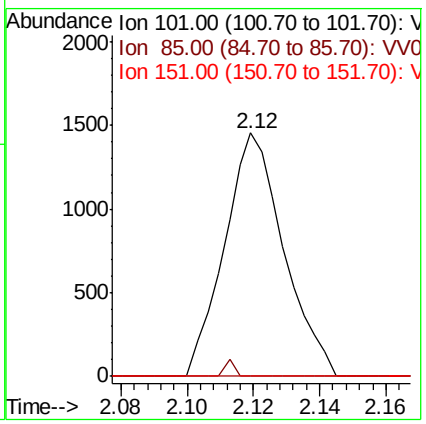


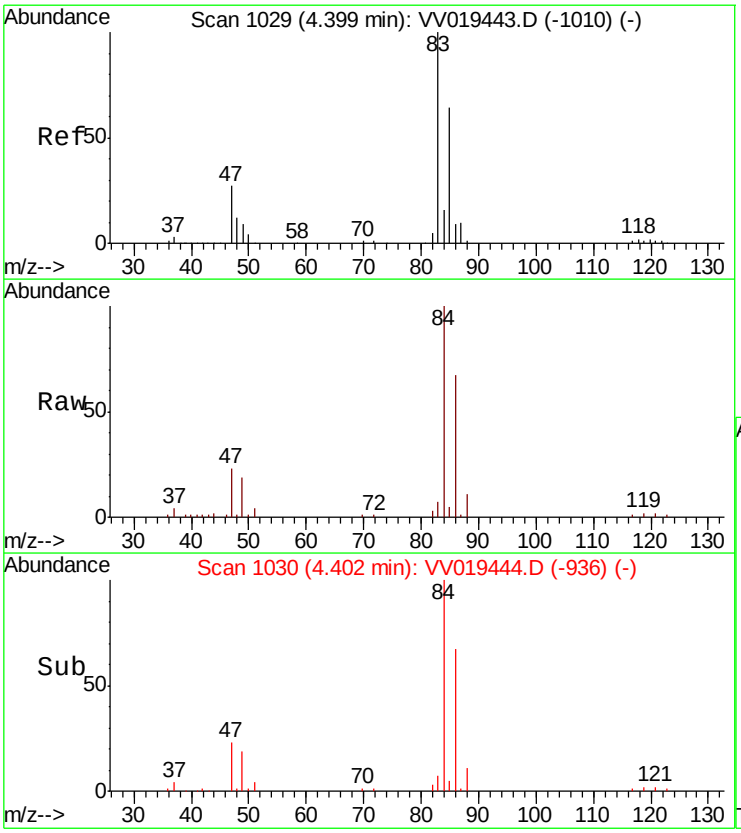

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.697 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.01 min
Lab File: VV019444.D
Acq: 02 Dec 2020 13:01

**Instrument :**
MSVOA_V
**ClientSampleId :**
VBLK90

Tgt Ion:101 Resp: 1802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 3.6 | 35.5 | 53.3# |
| 151 | 0.0 | 58.9 | 88.3# |

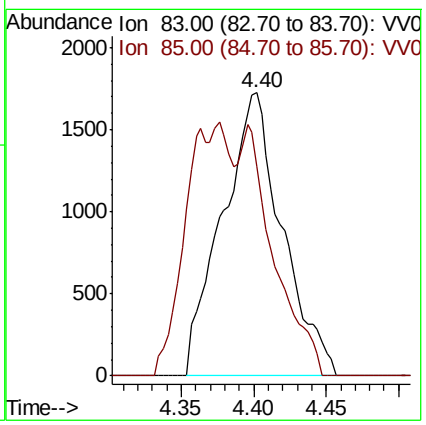


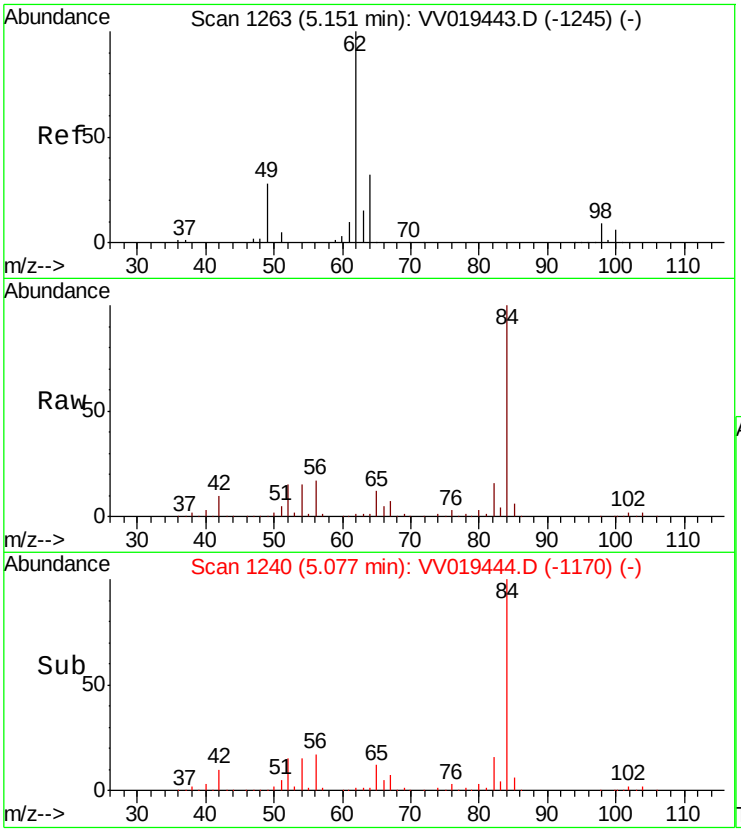




#25
Chloroform
Concen: 0.898 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV019444.D
Acq: 02 Dec 2020 13:01

Tgt Ion: 83 Resp: 4956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 73.7 | 45.1 | 83.9 |



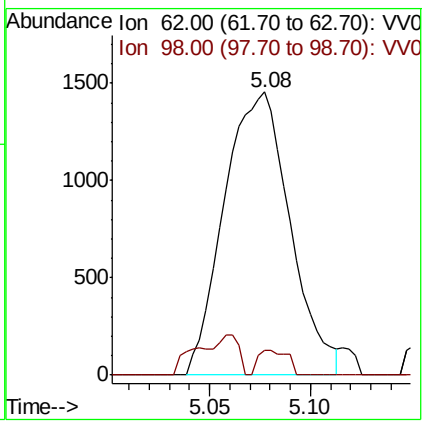


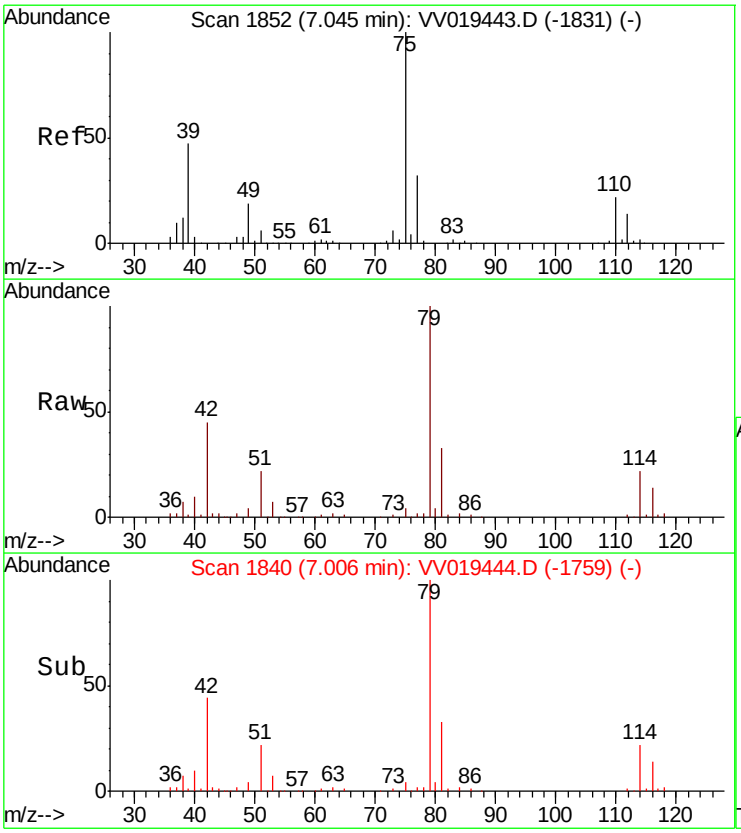

#27
1,2-Dichloroethane
Concen: 0.765 ug/L
RT: 5.08 min Scan# 1240
Delta R.T. -0.07 min
Lab File: VV019444.D
Acq: 02 Dec 2020 13:01

**Instrument :**
MSVOA_V
**ClientSampleId :**
VBLK90

Tgt Ion: 62 Resp: 3313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.7 | 7.6 | 11.4 |

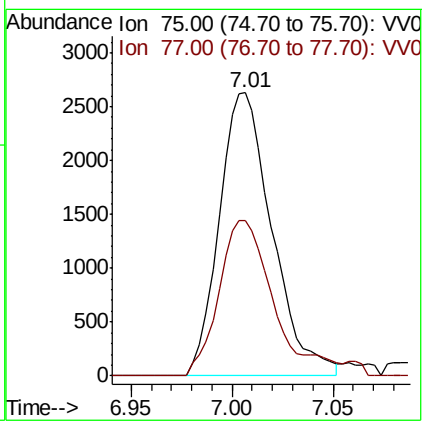


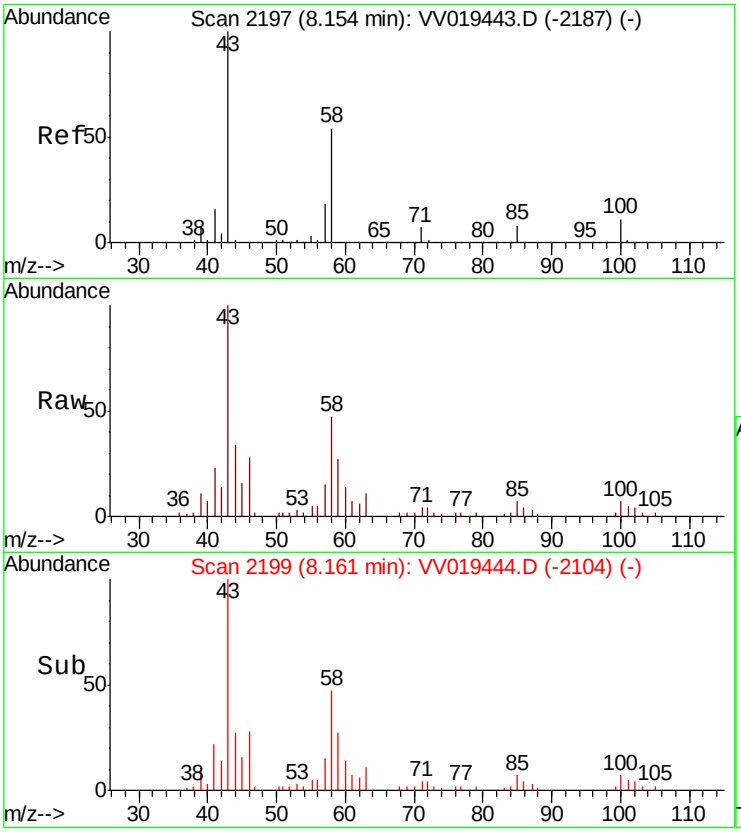




#39
cis-1,3-Dichloropropene
Concen: 1.053 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV019444.D
Acq: 02 Dec 2020 13:01

Tgt Ion: 75 Resp: 4806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 54.8 | 22.5 | 41.7# |



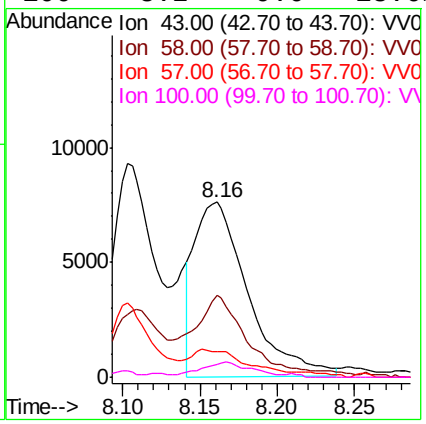


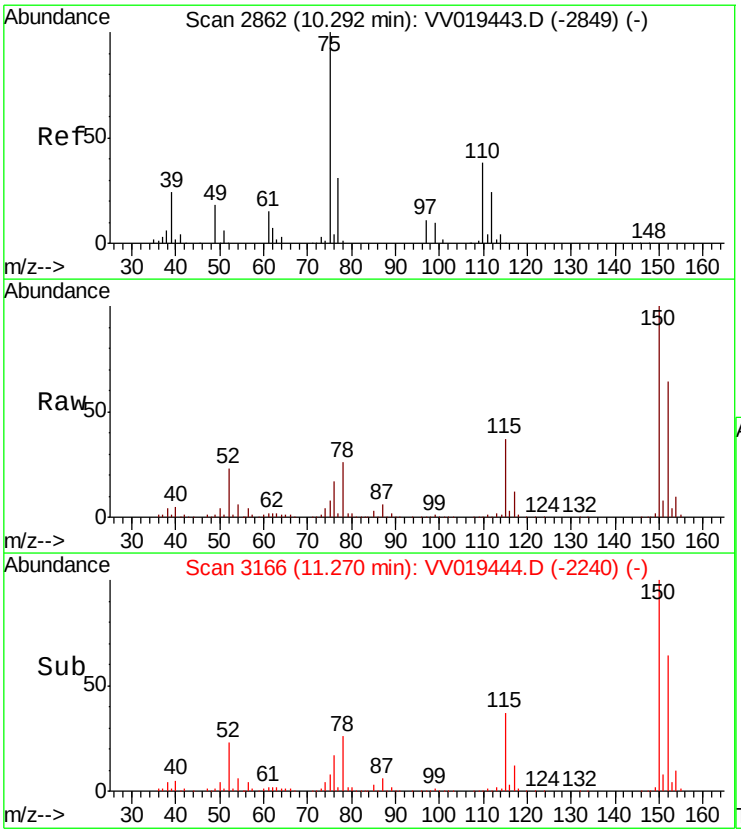

#48
2-Hexanone
Concen: 5.242 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.01 min
Lab File: VV019444.D
Acq: 02 Dec 2020 13:01

**Instrument :**
MSVOA_V
**ClientSampleId :**
VBLK90

Tgt Ion: 43 Resp: 18089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 40.4 | 43.8 | 65.6# |
| 57 | 2.1 | 15.4 | 23.2# |
| 100 | 8.2 | 9.0 | 13.6# |




#59
1,2,3-Trichloropropane
Concen: 5.508 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV019444.D
Acq: 02 Dec 2020 13:01

Tgt Ion: 75 Resp: 22358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.6 | 25.2 | 37.8 |