Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022719\

Quantitation Report (Not Reviewed)

Data File : VU029688.D
Acq On : 26 Feb 2019 17:42
Operator : JC/SP
Sample : K1621-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 27 01:56:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 27 01:53:00 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.88 | 114 | 465619 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.09 | 117 | 449660 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152 | 223260 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.40 | 65 | 142892 | 41.88 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 83.76% | | | |
| 7) Chloroethane-d5 | 1.68 | 69 | 132671 | 43.74 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 87.48% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.27 | 63 | 210150 | 31.51 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 63.02% | | | |
| 21) 2-Butanone-d5 | 4.17 | 46 | 216341 | 104.19 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 104.19% | | | |
| 24) Chloroform-d | 4.64 | 84 | 280224 | 50.64 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 101.28% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.31 | 65 | 179483 | 51.23 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 102.46% | | | |
| 32) Benzene-d6 | 5.34 | 84 | 607466 | 53.69 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 107.38% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.33 | 67 | 185697 | 54.55 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 109.10% | | | |
| 41) Toluene-d8 | 7.56 | 98 | 564373 | 48.88 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 97.76% | | | |
| 43) trans-1,3-Dichloropropene- | 7.85 | 79 | 84975 | 47.06 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 94.12% | | | |
| 47) 2-Hexanone-d5 | 8.31 | 63 | 169495 | 89.41 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 89.41% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43 | 84 | 281765 | 48.99 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 97.98% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.86 | 152 | 235392 | 48.92 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 97.84% | | | |

| Target Compounds | | | | | | Qvalue |
|---|---|---|---|---|---|---|
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.27 | 101 | 2203 | 0.679 | ug/L # | 17 |
| 13) Acetone | 2.32 | 43 | 2276 | 1.026 | ug/L | 98 |
| 25) Chloroform | 4.68 | 83 | 7372 | 1.343 | ug/L | 99 |
| 39) cis-1,3-Dichloropropene | 7.22 | 75 | 5145 | 1.054 | ug/L # | 43 |
| 44) trans-1,3-Dichloropropene | 7.85 | 75 | 3693 | 0.803 | ug/L | 92 |
| 48) 2-Hexanone | 8.31 | 43 | 18569 | 4.995 | ug/L # | 67 |
| 59) 1,2,3-Trichloropropane | 11.48 | 75 | 22127 | 5.128 | ug/L | 92 |

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

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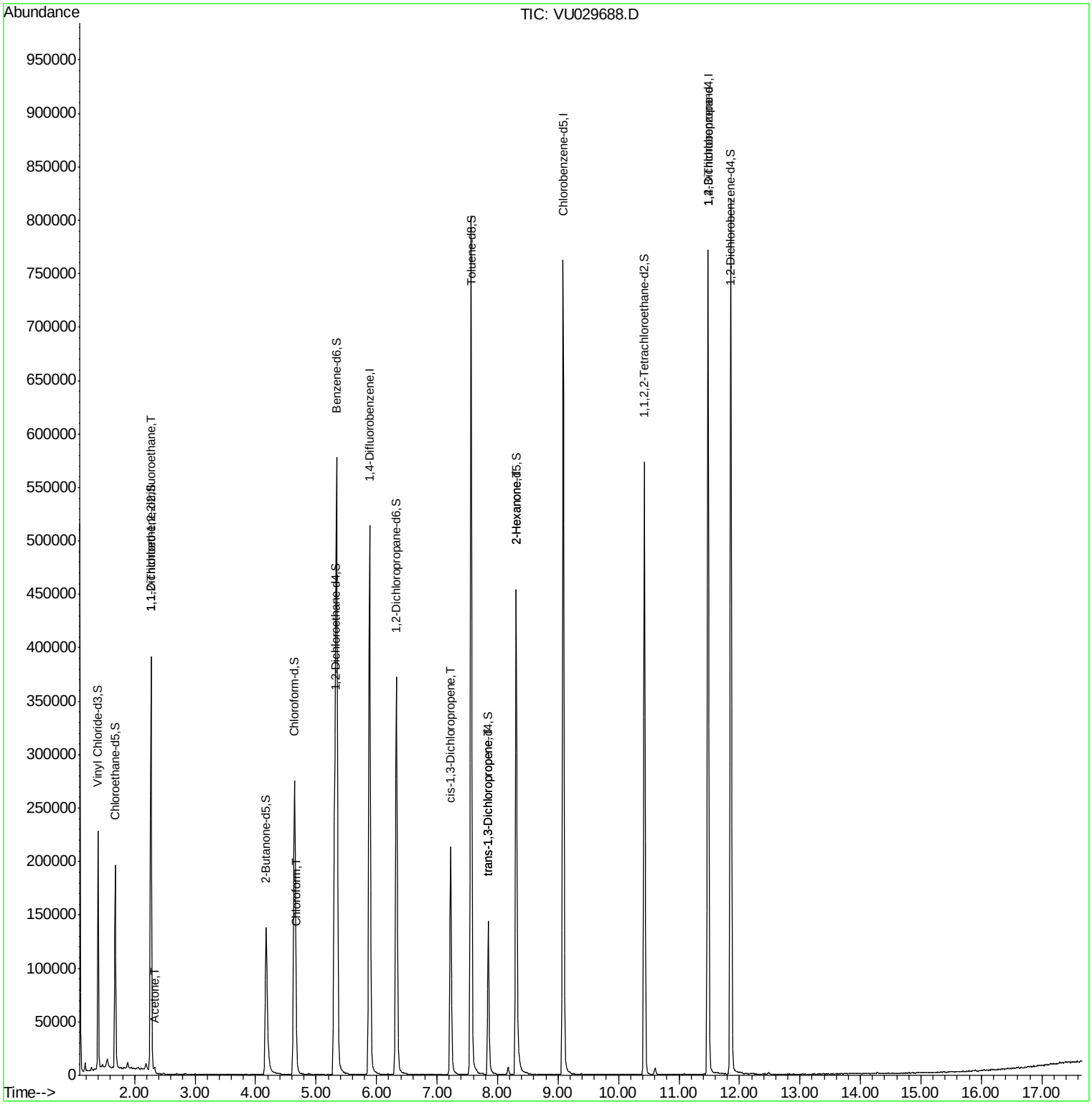
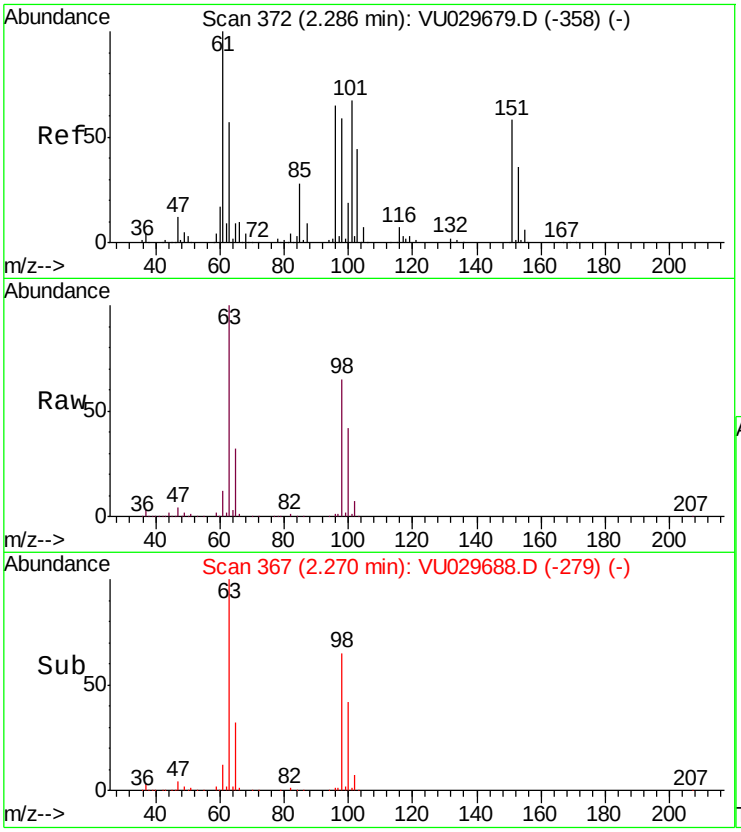
Quant Title : VOC Analysis
QLast Update : Wed Feb 27 01:53:00 2019
Response via : Initial Calibration

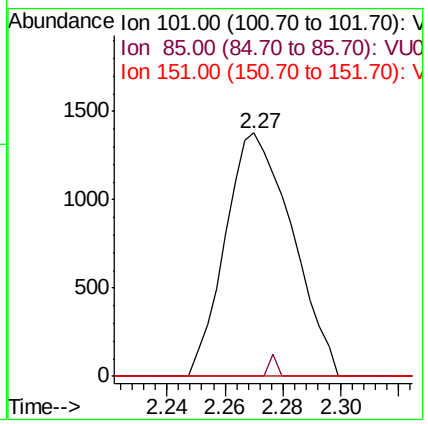


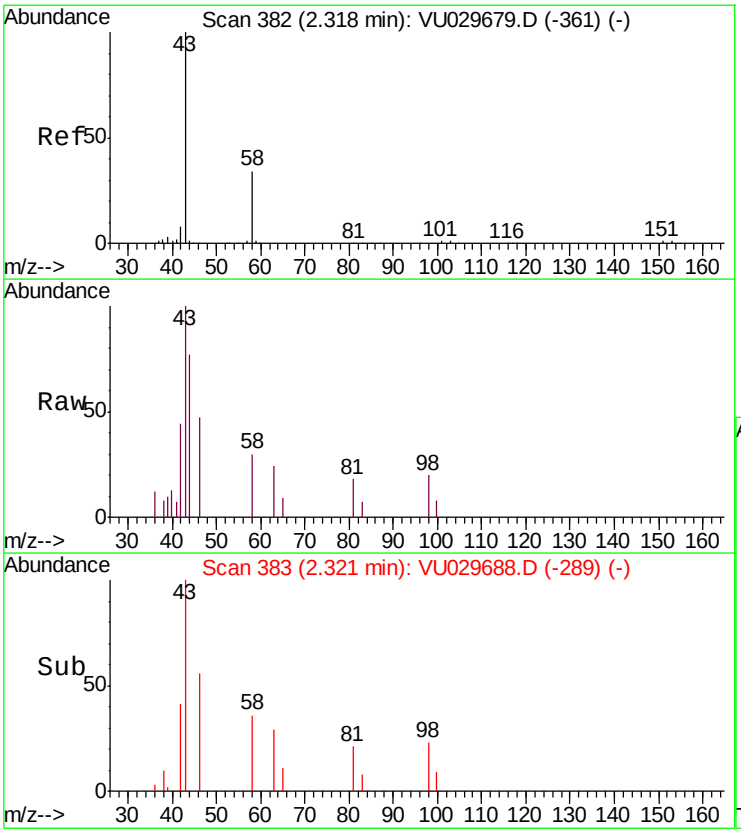



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.679 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.02 min
Lab File: VU029688.D
Acq: 26 Feb 2019 17:42

Tgt Ion:101 Resp: 2203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 0.0 | 33.0 | 49.6# |
| 151 | 0.0 | 65.7 | 98.5# |

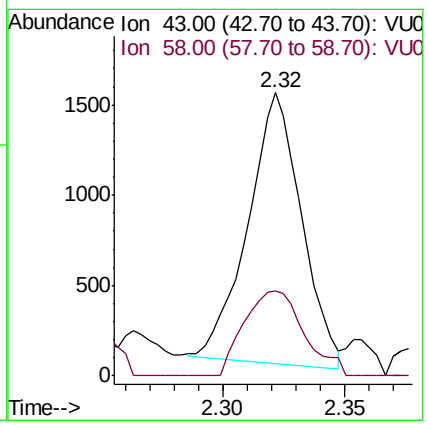


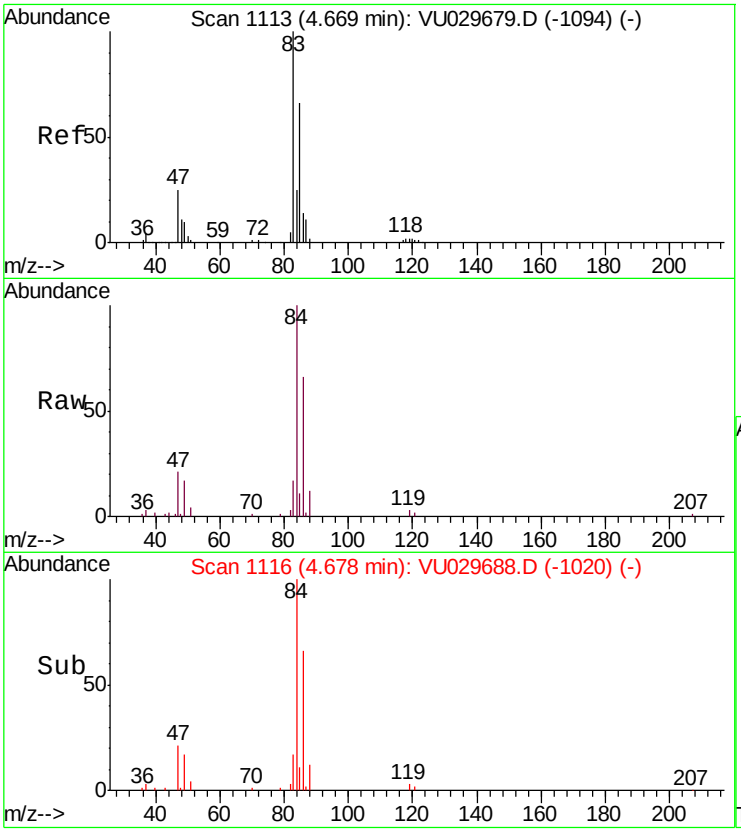




#13
Acetone
Concen: 1.026 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU029688.D
Acq: 26 Feb 2019 17:42

Tgt Ion: 43 Resp: 2276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 34.3 | 0.0 | 66.8 |

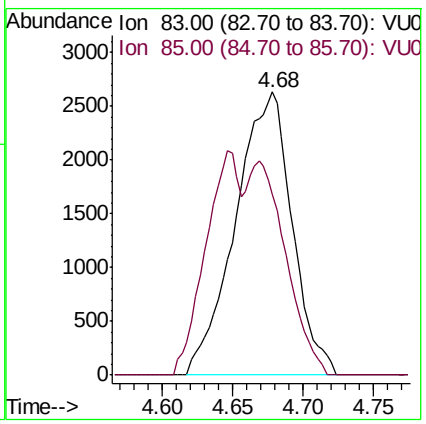


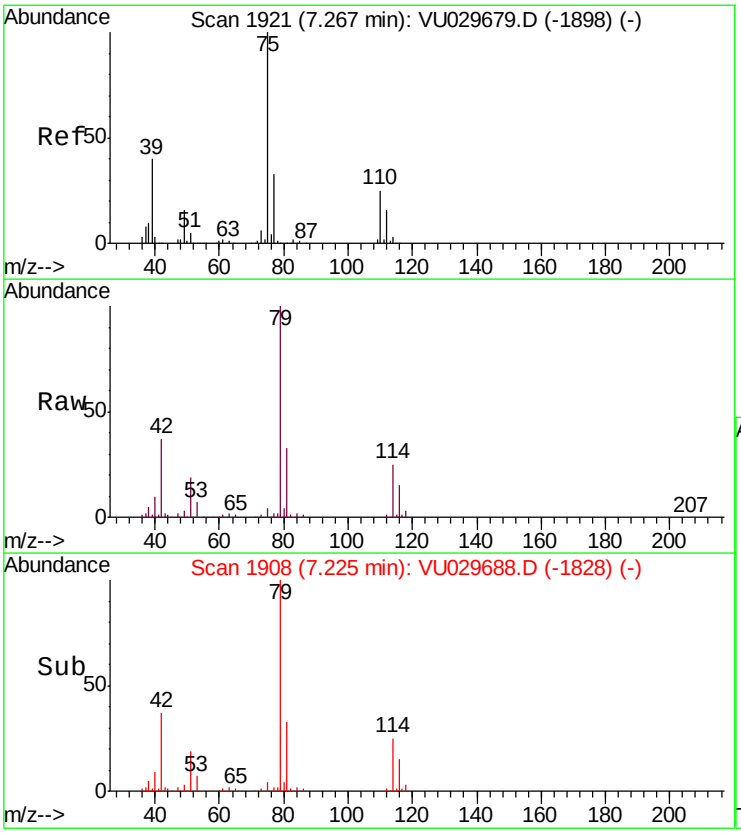



#25
Chloroform
Concen: 1.343 ug/L
RT: 4.68 min Scan# 1116
Delta R.T. 0.01 min
Lab File: VU029688.D
Acq: 26 Feb 2019 17:42

Tgt Ion: 83 Resp: 7372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.9 | 45.4 | 84.2 |

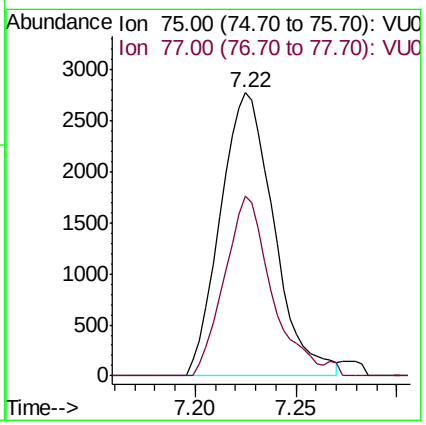


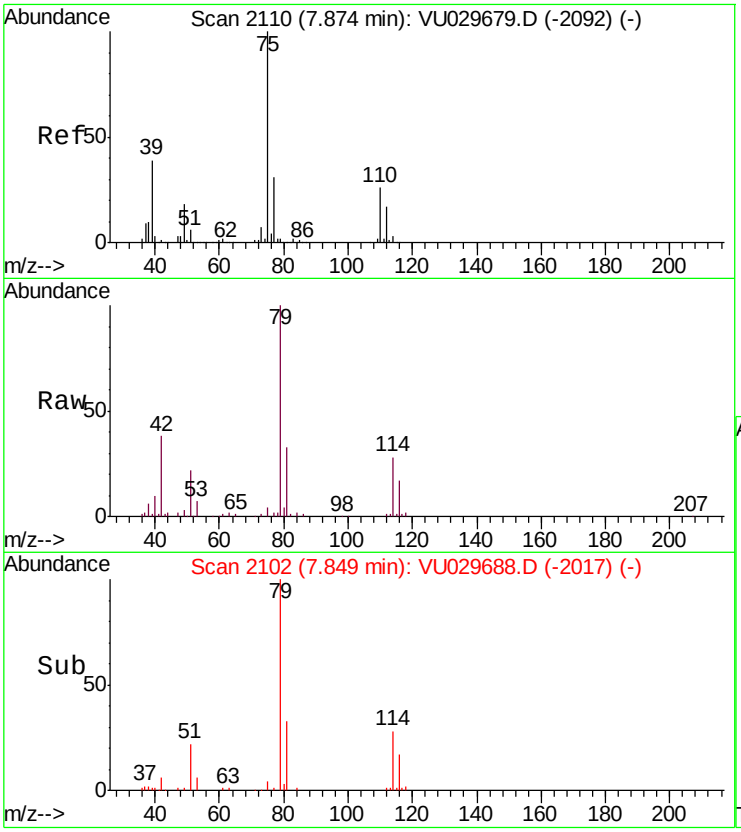




#39
cis-1,3-Dichloropropene
Concen: 1.054 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU029688.D
Acq: 26 Feb 2019 17:42

Tgt Ion: 75 Resp: 5145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 63.5 | 22.3 | 41.5# |

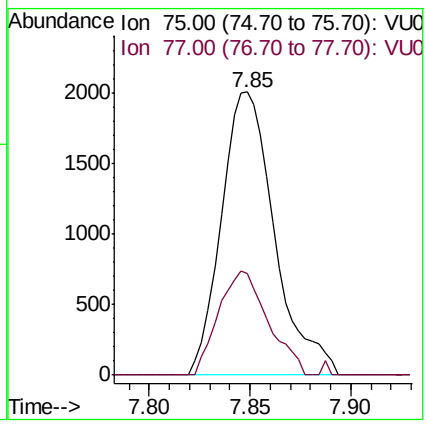


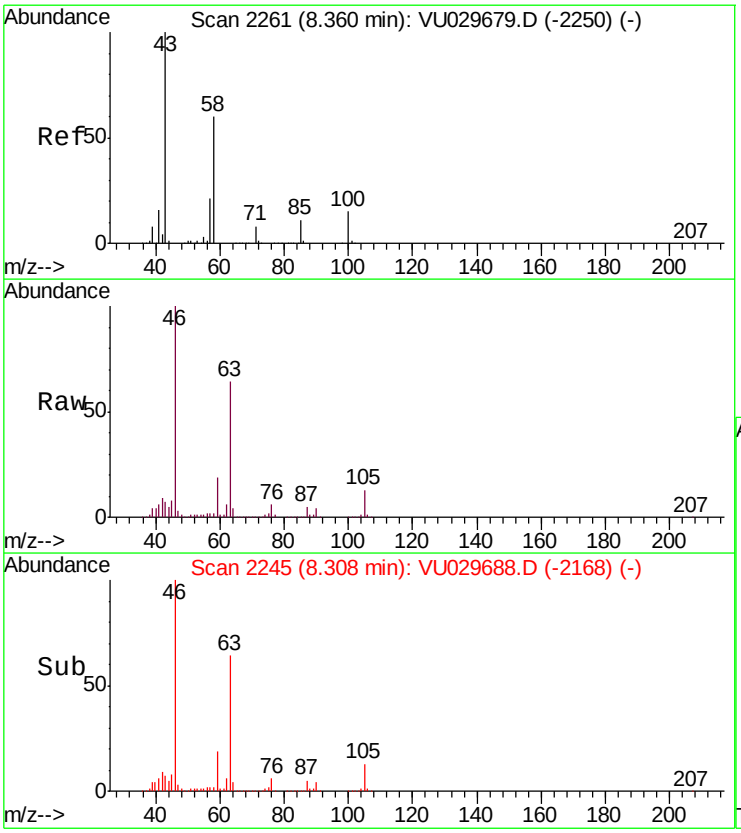



#44
trans-1,3-Dichloropropene
Concen: 0.803 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU029688.D
Acq: 26 Feb 2019 17:42

Tgt Ion: 75 Resp: 3693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 36.0 | 22.1 | 41.1 |

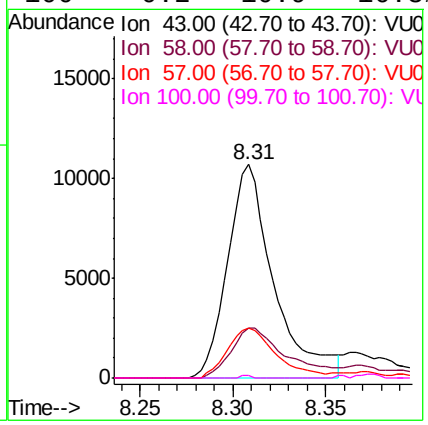


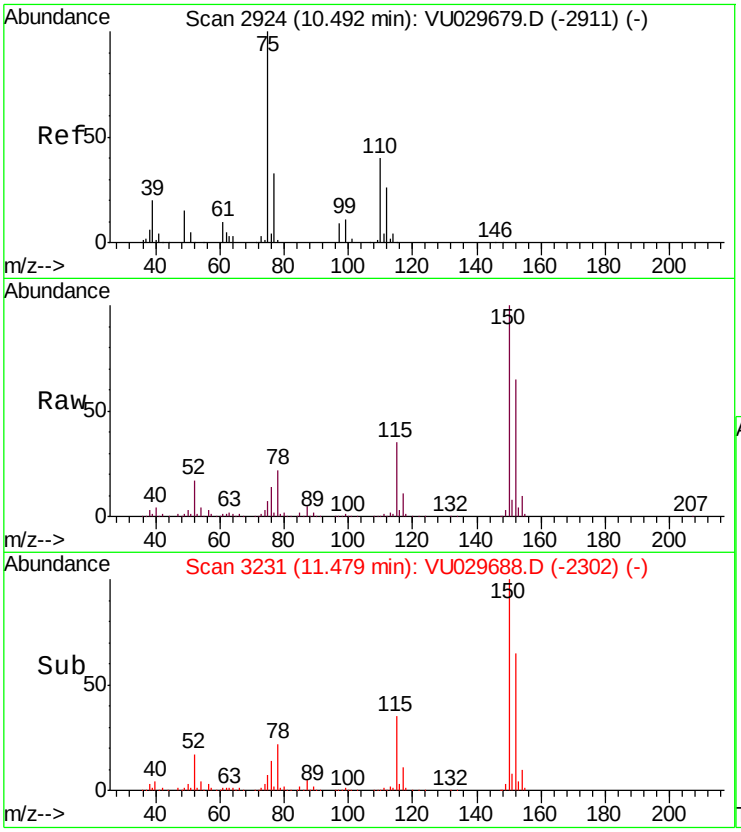




#48
2-Hexanone
Concen: 4.995 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU029688.D
Acq: 26 Feb 2019 17:42

Tgt Ion: 43 Resp: 18569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.0 | 46.4 | 69.6# |
| 57 | 24.3 | 15.7 | 23.5# |
| 100 | 0.2 | 10.9 | 16.3# |






#59
1,2,3-Trichloropropane
Concen: 5.128 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029688.D
Acq: 26 Feb 2019 17:42

Tgt Ion: 75 Resp: 22127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 36.7 | 25.7 | 38.5 |