Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030519\

Quantitation Report (Not Reviewed)

Data File : VU029811.D
Acq On : 05 Mar 2019 10:13
Operator : JC/SP
Sample : K1661-15RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BFC83

Quant Time: Mar 06 00:44:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 06 00:41:37 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.88 | 114 | 486687 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.09 | 117 | 474876 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152 | 222538 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.40 | 65 | 157171 | 44.07 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 88.14% | | | |
| 7) Chloroethane-d5 | 1.68 | 69 | 131024 | 41.33 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 82.66% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.27 | 63 | 224960 | 32.27 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 64.54% | | | |
| 21) 2-Butanone-d5 | 4.17 | 46 | 228055 | 105.08 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 105.08% | | | |
| 24) Chloroform-d | 4.64 | 84 | 283240 | 48.97 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 97.94% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.31 | 65 | 176395 | 48.17 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 96.34% | | | |
| 32) Benzene-d6 | 5.34 | 84 | 612970 | 51.30 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 102.60% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.33 | 67 | 191402 | 53.24 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 106.48% | | | |
| 41) Toluene-d8 | 7.56 | 98 | 565830 | 46.40 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 92.80% | | | |
| 43) trans-1,3-Dichloropropene- | 7.85 | 79 | 85314 | 44.74 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 89.48% | | | |
| 47) 2-Hexanone-d5 | 8.31 | 63 | 198240 | 99.02 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 99.02% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43 | 84 | 285363 | 46.98 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 93.96% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.86 | 152 | 229436 | 47.84 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 95.68% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.27 | 101 | 2154 | 0.635 | ug/L # | 17 |
| 12) 1,1-Dichloroethene | 2.27 | 96 | 2108 | 0.654 | ug/L # | 1 |
| 13) Acetone | 2.32 | 43 | 2793 | 1.204 | ug/L | 92 |
| 25) Chloroform | 4.67 | 83 | 4645 | 0.809 | ug/L # | 73 |
| 44) trans-1,3-Dichloropropene | 7.85 | 75 | 3401 | 0.700 | ug/L | 95 |
| 48) 2-Hexanone | 8.31 | 43 | 19849 | 5.056 | ug/L # | 65 |
| 59) 1,2,3-Trichloropropane | 11.48 | 75 | 22223 | 4.877 | ug/L | 94 |

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

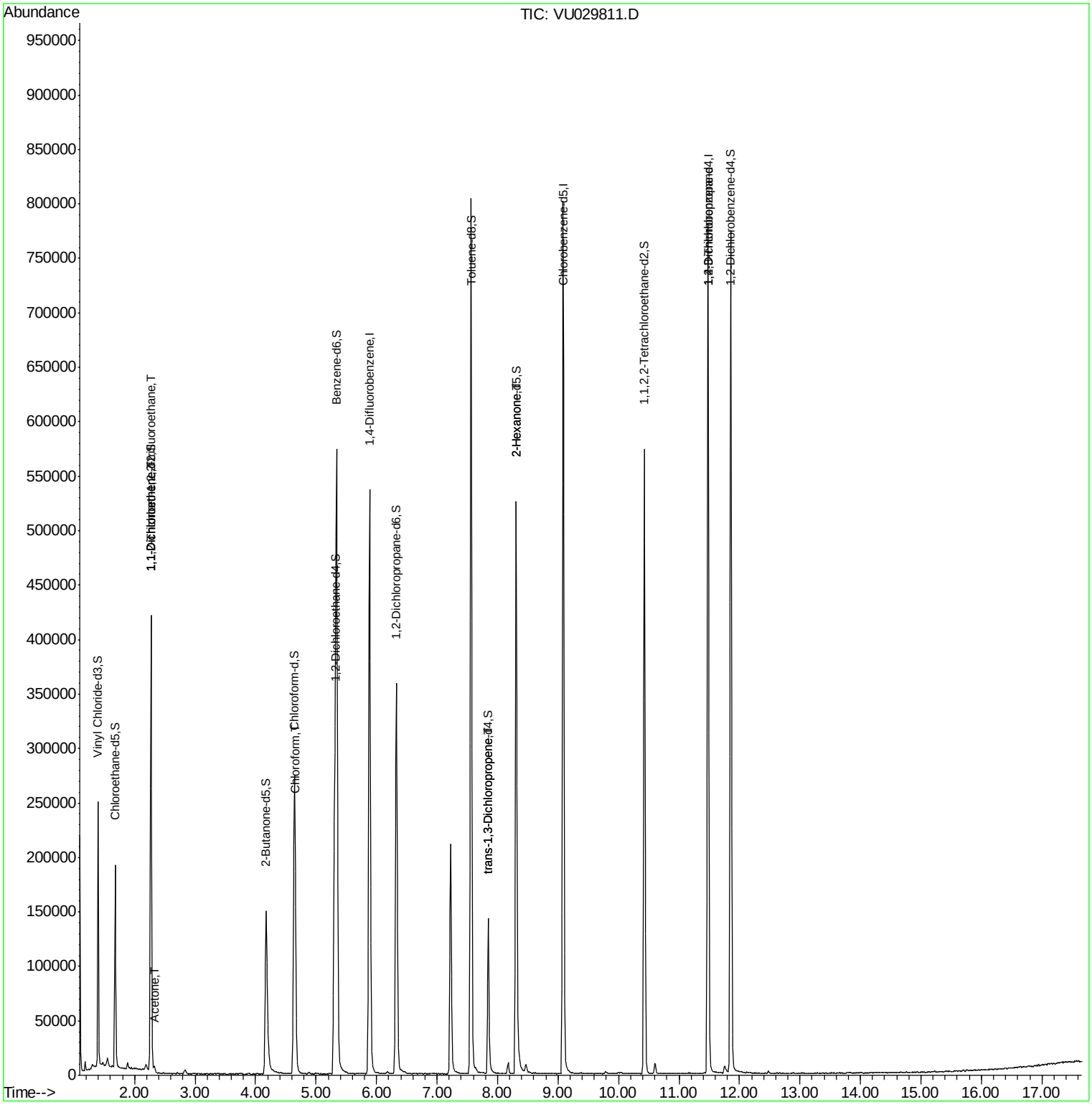
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030519\

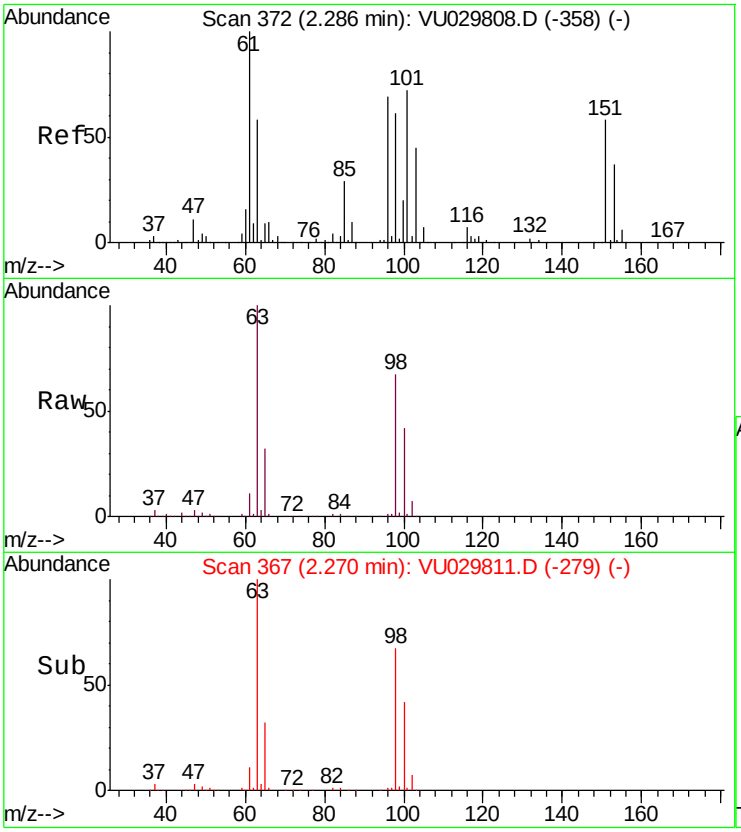
Quantitation Report (Not Reviewed)

Data File : VU029811.D
Acq On : 05 Mar 2019 10:13
Operator : JC/SP
Sample : K1661-15RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BFC83

Quant Time: Mar 06 00:44:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 06 00:41:37 2019
Response via : Initial Calibration



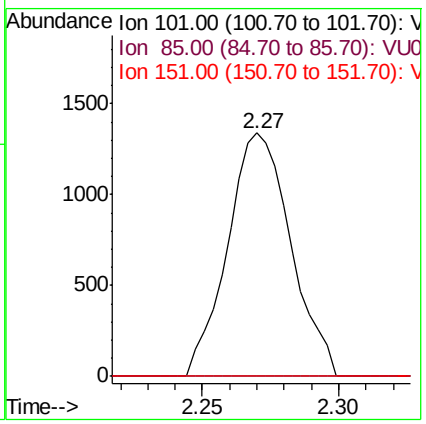


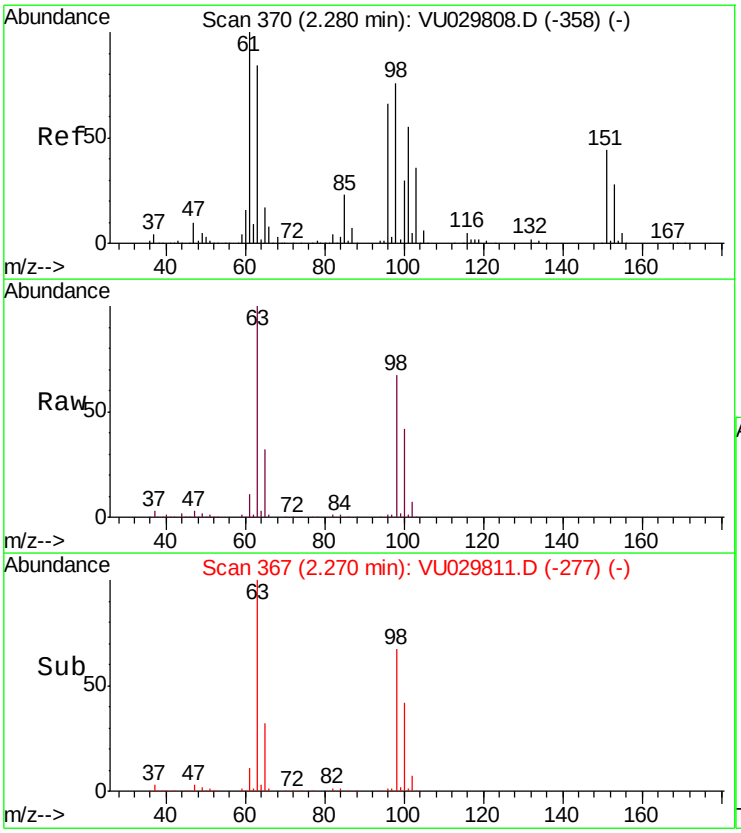

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.635 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.02 min
Lab File: VU029811.D
Acq: 05 Mar 2019 10:13

**Instrument :**
MSVOA_U
**ClientSampleId :**
BFC83

Tgt Ion:101 Resp: 2154

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

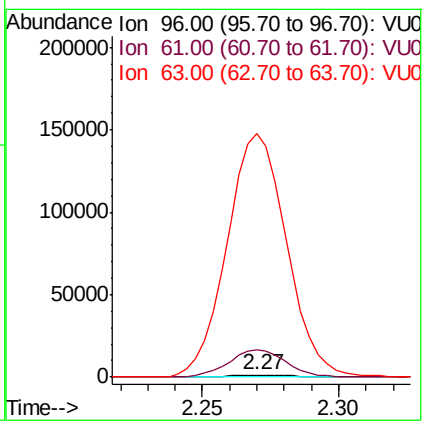


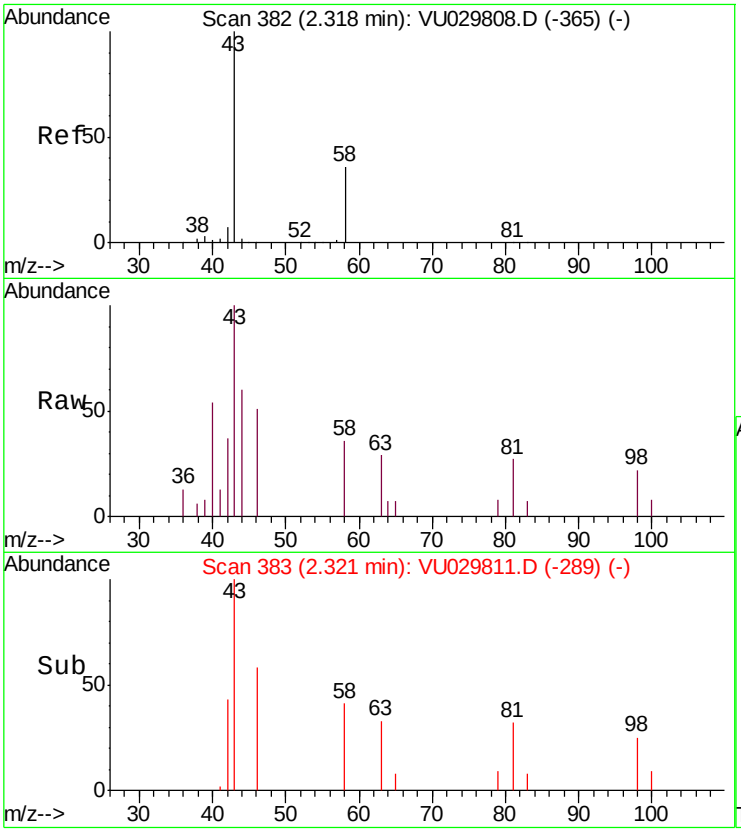




#12
1,1-Dichloroethene
Concen: 0.654 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU029811.D
Acq: 05 Mar 2019 10:13

Tgt Ion: 96 Resp: 2108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1307.3 | 114.0 | 211.8# |
| 63 | 11616.7 | 98.7 | 183.3# |



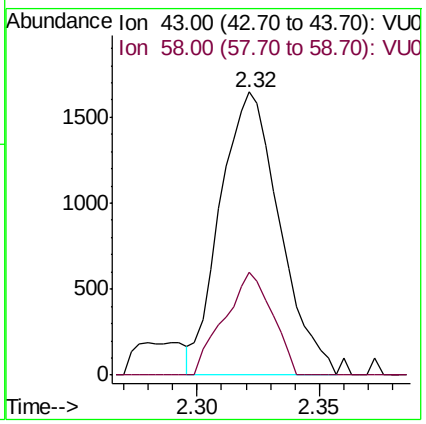


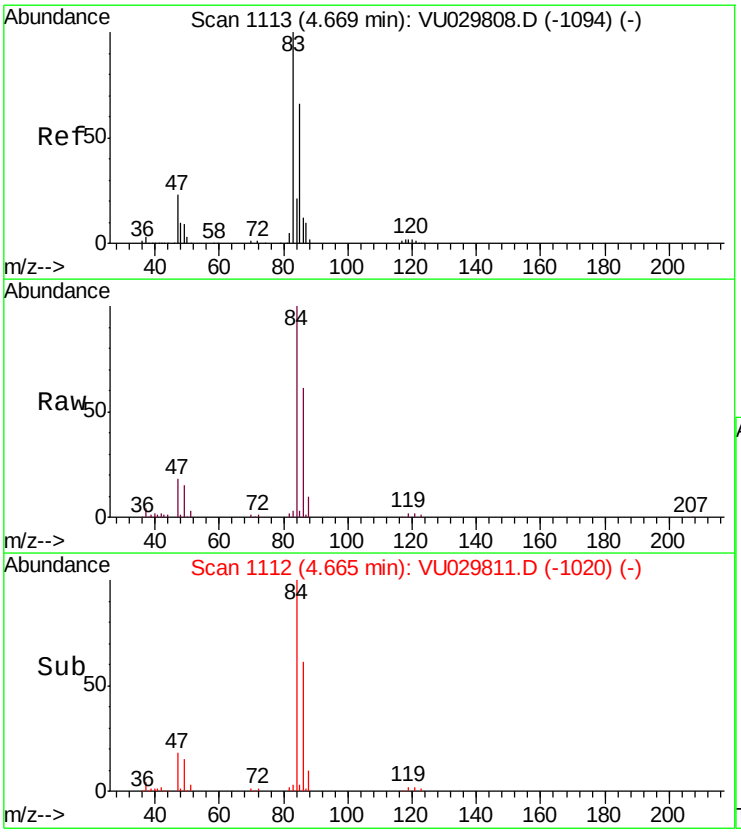

#13
Acetone
Concen: 1.204 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU029811.D
Acq: 05 Mar 2019 10:13

**Instrument :** MSVOA_U
**ClientSampleId :** BFC83

Tgt Ion: 43 Resp: 2793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.1 | 0.0 | 66.8 |

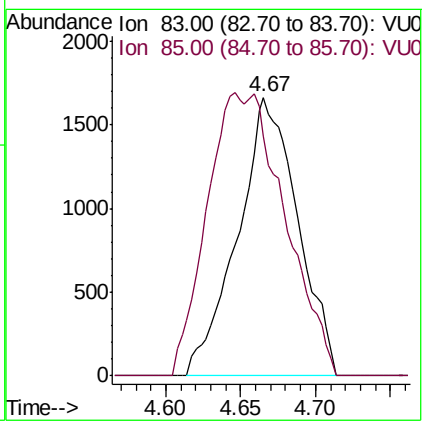


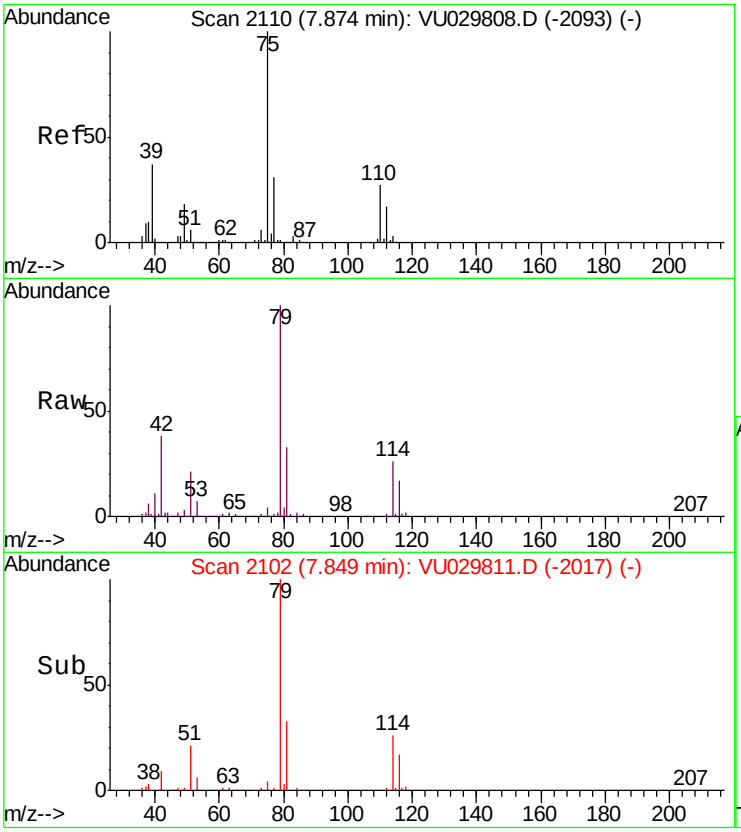




#25
Chloroform
Concen: 0.809 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU029811.D
Acq: 05 Mar 2019 10:13

Tgt Ion: 83 Resp: 4645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 86.1 | 45.4 | 84.2# |



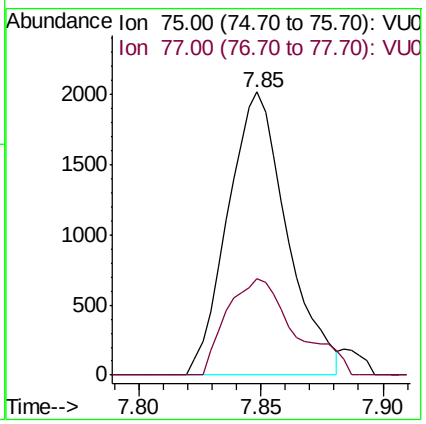


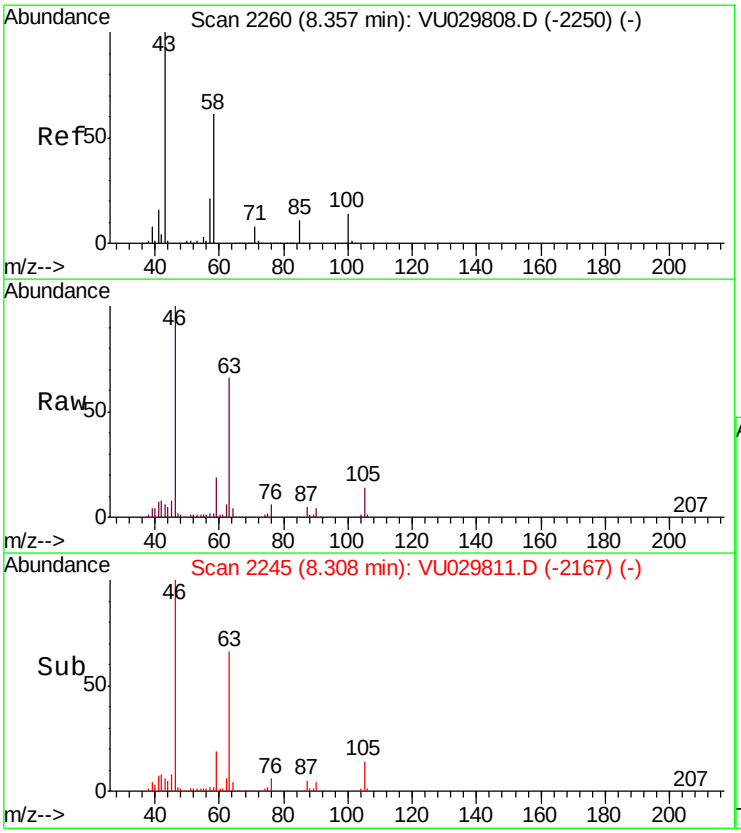

#44
trans-1,3-Dichloropropene
Concen: 0.700 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU029811.D
Acq: 05 Mar 2019 10:13

**Instrument :**
MSVOA_U
**ClientSampleId :**
BFC83

Tgt Ion: 75 Resp: 3401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 34.3 | 22.1 | 41.1 |

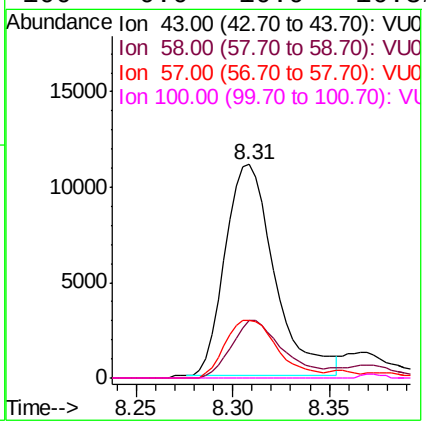


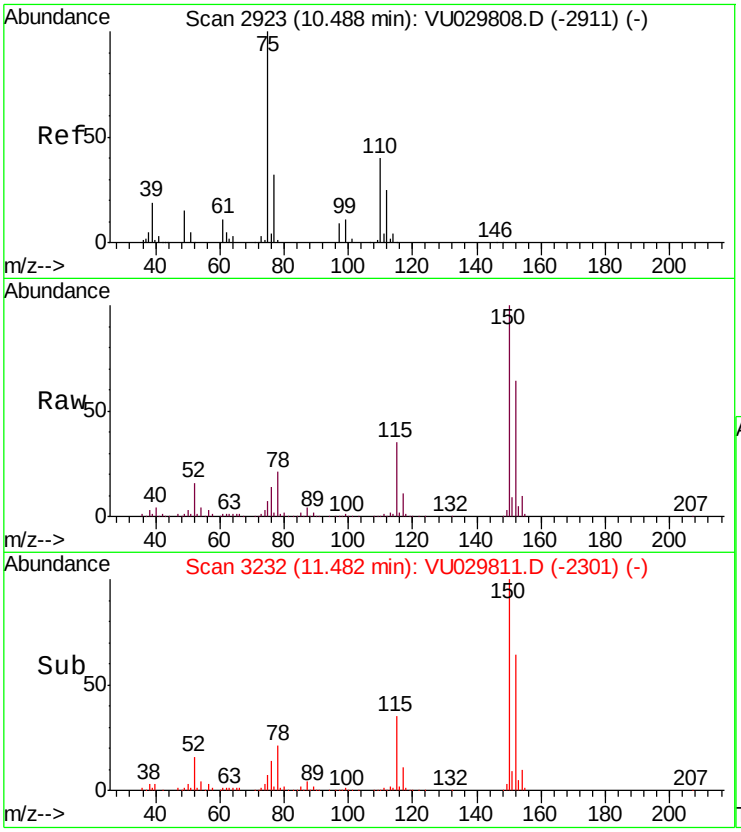




#48
2-Hexanone
Concen: 5.056 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU029811.D
Acq: 05 Mar 2019 10:13

Tgt Ion: 43 Resp: 19849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 28.2 | 46.4 | 69.6# |
| 57 | 29.0 | 15.7 | 23.5# |
| 100 | 0.0 | 10.9 | 16.3# |






#59
1,2,3-Trichloropropane
Concen: 4.877 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029811.D
Acq: 05 Mar 2019 10:13

**Instrument :**
MSVOA_U
**ClientSampleId :**
BFC83

Tgt Ion: 75 Resp: 22223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 35.3 | 25.7 | 38.5 |