Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090618\
Data File : VU026604.D
Acq On : 07 Sep 2018 01:51
Operator : MD/SY
Sample : J4750-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0SY7

Quant Time: Sep 07 05:31:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 07 05:26:58 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.89 | 114 | 156071 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.09 | 117 | 144948 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152 | 60323 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.40 | 65 | 52999 | 54.81 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 109.62% | | | |
| 7) Chloroethane-d5 | 1.68 | 69 | 48358 | 55.37 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 110.74% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.27 | 63 | 77143 | 35.42 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 70.84% | | | |
| 21) 2-Butanone-d5 | 4.18 | 46 | 87383 | 116.43 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 116.43% | | | |
| 24) Chloroform-d | 4.65 | 84 | 94476 | 51.73 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 103.46% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.31 | 65 | 66279 | 54.51 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 109.02% | | | |
| 32) Benzene-d6 | 5.34 | 84 | 192819 | 57.71 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 115.42% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.33 | 67 | 66389 | 57.85 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 115.70% | | | |
| 41) Toluene-d8 | 7.57 | 98 | 171940 | 53.31 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 106.62% | | | |
| 43) trans-1,3-Dichloropropene- | 7.85 | 79 | 27836 | 53.11 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 106.22% | | | |
| 47) 2-Hexanone-d5 | 8.31 | 63 | 63227 | 120.12 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 120.12% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43 | 84 | 89727 | 53.07 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 106.14% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.86 | 152 | 64769 | 59.18 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 118.36% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 9) Trichlorofluoromethane | 1.88 | 101 | 42836 | 20.679 | ug/L | 99 |
| 13) Acetone | 2.32 | 43 | 1730 | 2.662 | ug/L | 94 |
| 25) Chloroform | 4.67 | 83 | 2980 | 1.474 | ug/L | 99 |
| 34) Trichloroethene | 6.19 | 95 | 15668 | 15.032 | ug/L | 97 |
| 35) Methylcyclohexane | 6.33 | 83 | 14860 | 9.130 | ug/L # | 18 |
| 37) 1,2-Dichloropropane | 6.33 | 63 | 6824 | 5.932 | ug/L # | 88 |
| 46) Tetrachloroethene | 8.23 | 164 | 69478 | 81.530 | ug/L | 96 |
| 59) 1,2,3-Trichloropropane | 11.48 | 75 | 6953 | 4.844 | ug/L | 94 |

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

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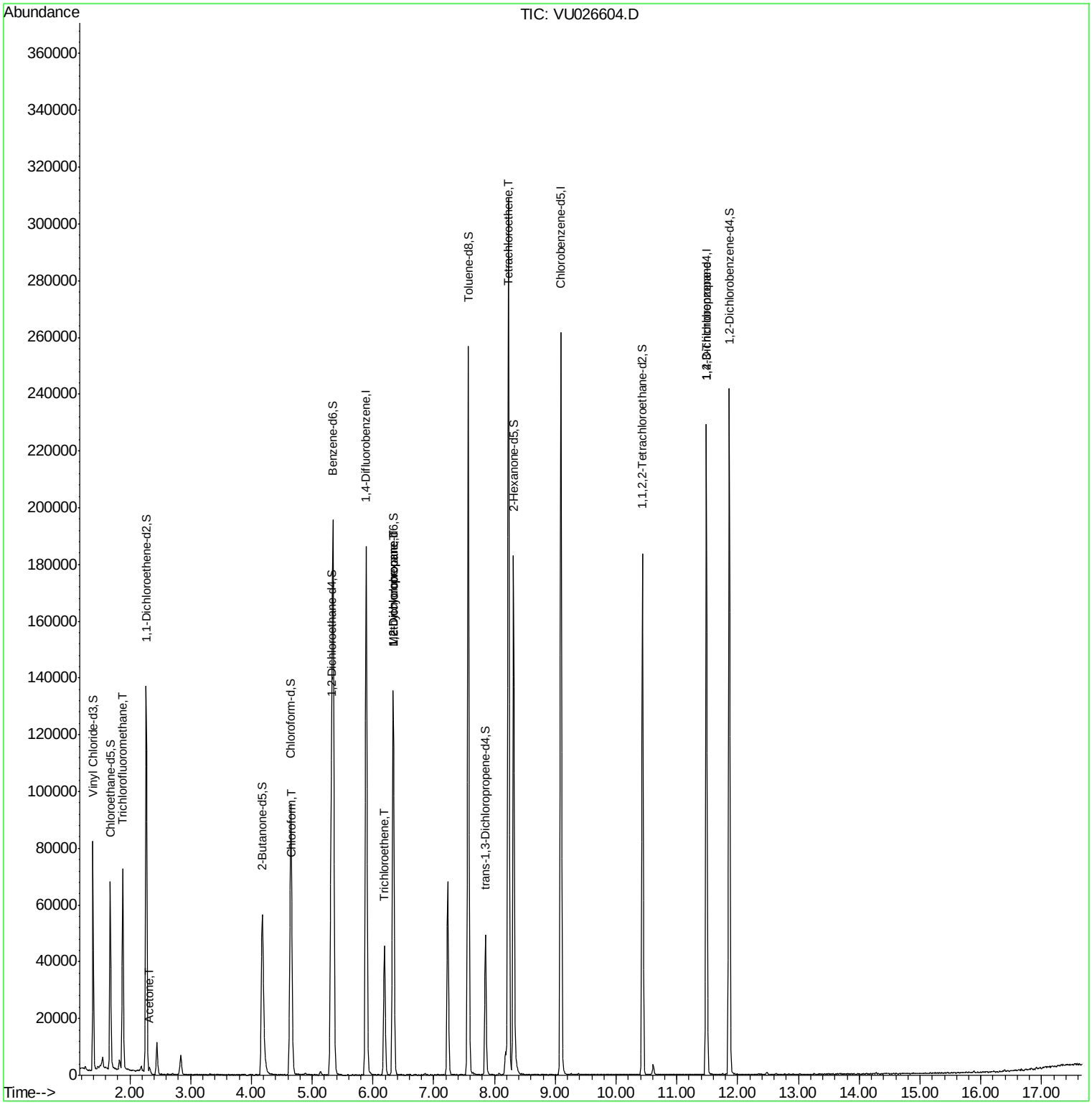
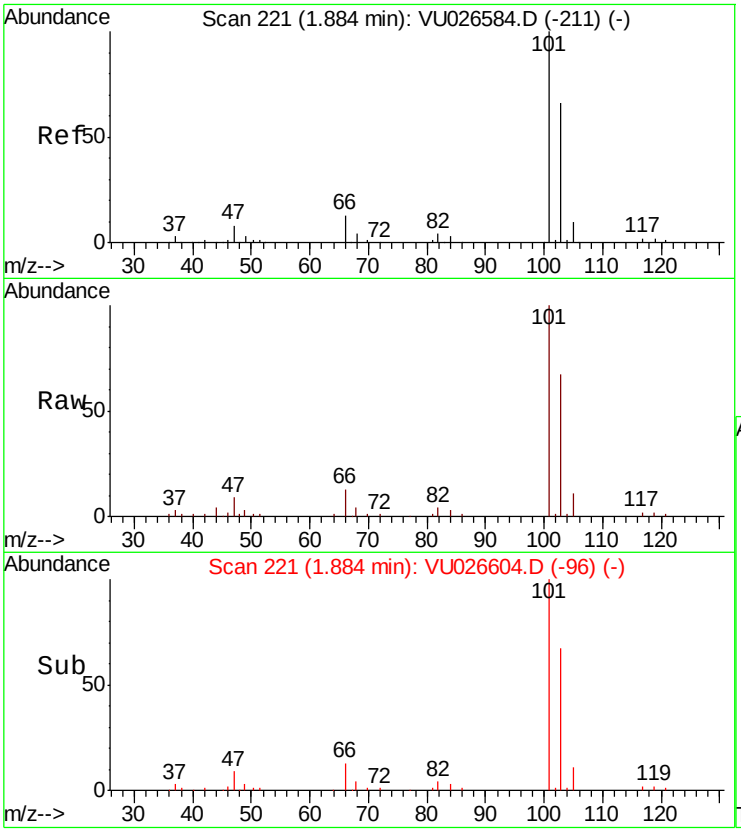
Operator : MD/SY
Sample : J4750-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0SY7

Quant Time: Sep 07 05:31:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 07 05:26:58 2018
Response via : Initial Calibration



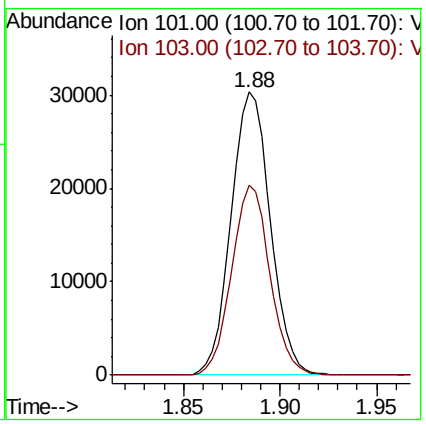


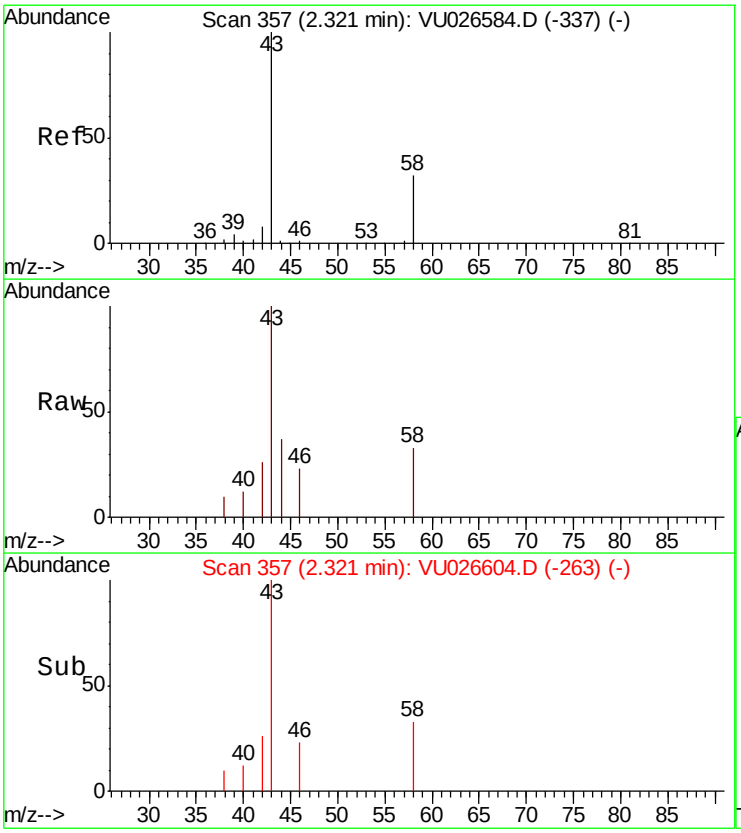

#9
Trichlorofluoromethane
Concen: 20.679 ug/L
RT: 1.88 min Scan# 221
Delta R.T. 0.00 min
Lab File: VU026604.D
Acq: 07 Sep 2018 01:51

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0SY7

Tgt Ion:101 Resp: 42836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.2 | 52.7 | 79.1 |

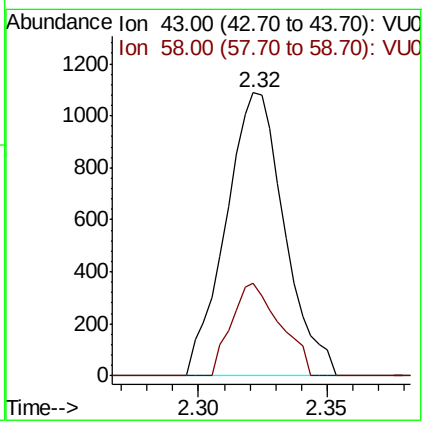


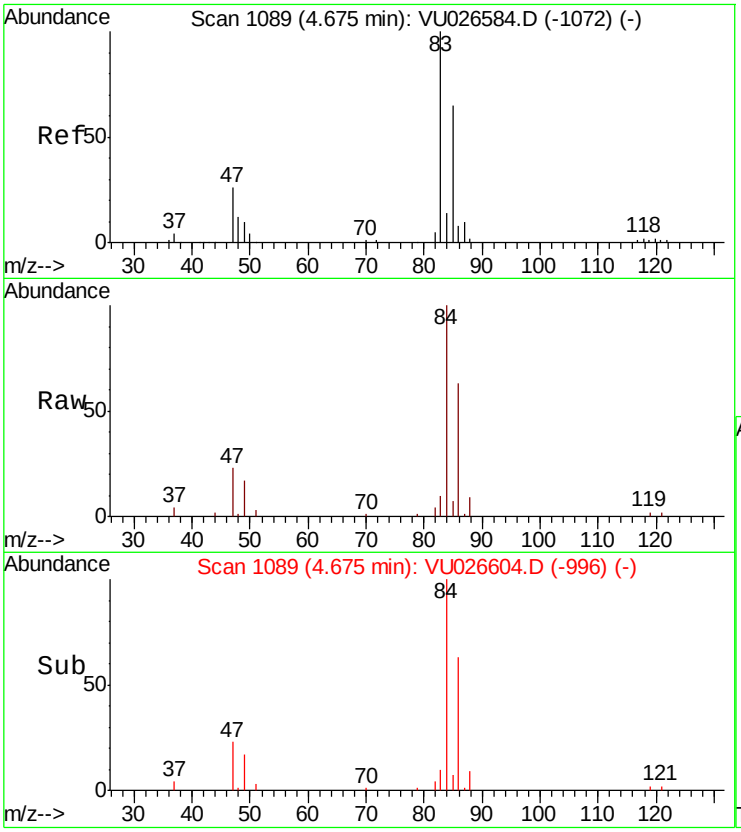




#13
Acetone
Concen: 2.662 ug/L
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU026604.D
Acq: 07 Sep 2018 01:51

Tgt Ion: 43 Resp: 1730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 27.2 | 0.0 | 61.2 |



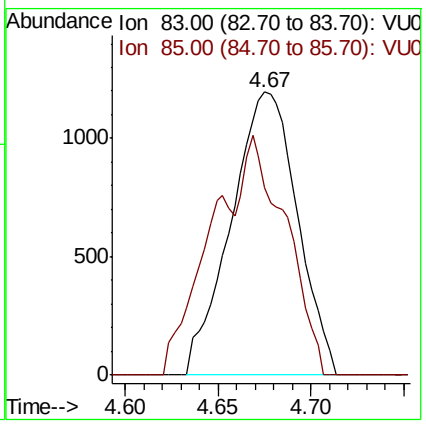


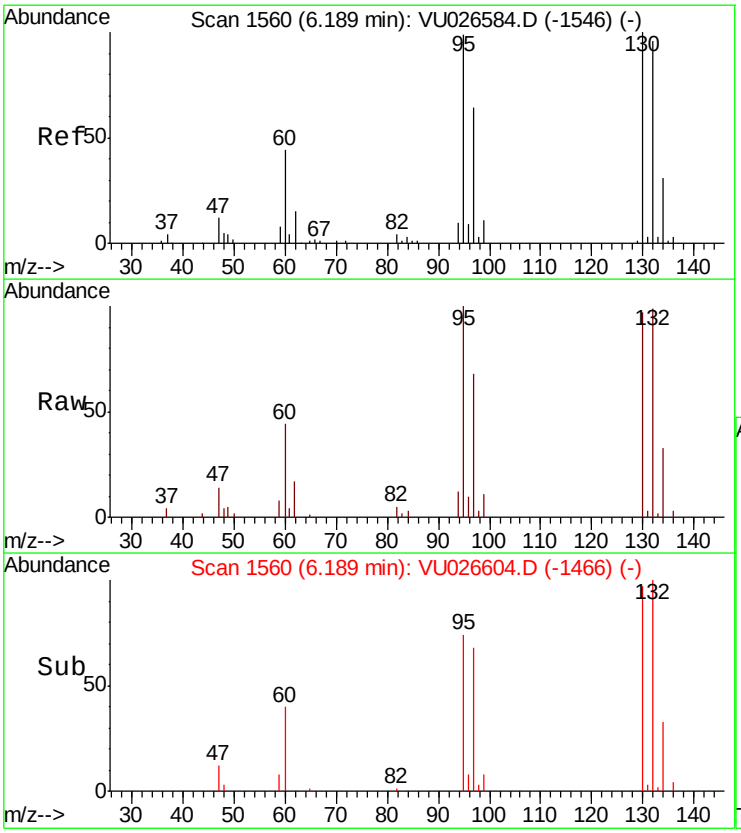

#25
Chloroform
Concen: 1.474 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU026604.D
Acq: 07 Sep 2018 01:51

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0SY7

Tgt Ion: 83 Resp: 2980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 66.0 | 46.5 | 86.5 |

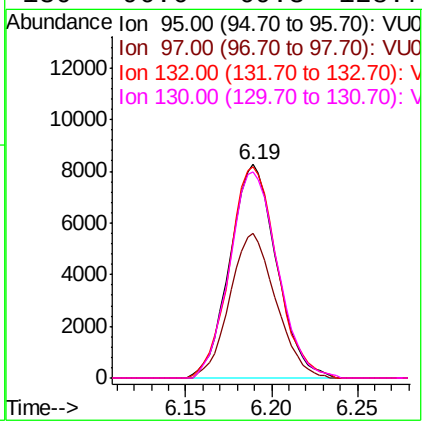


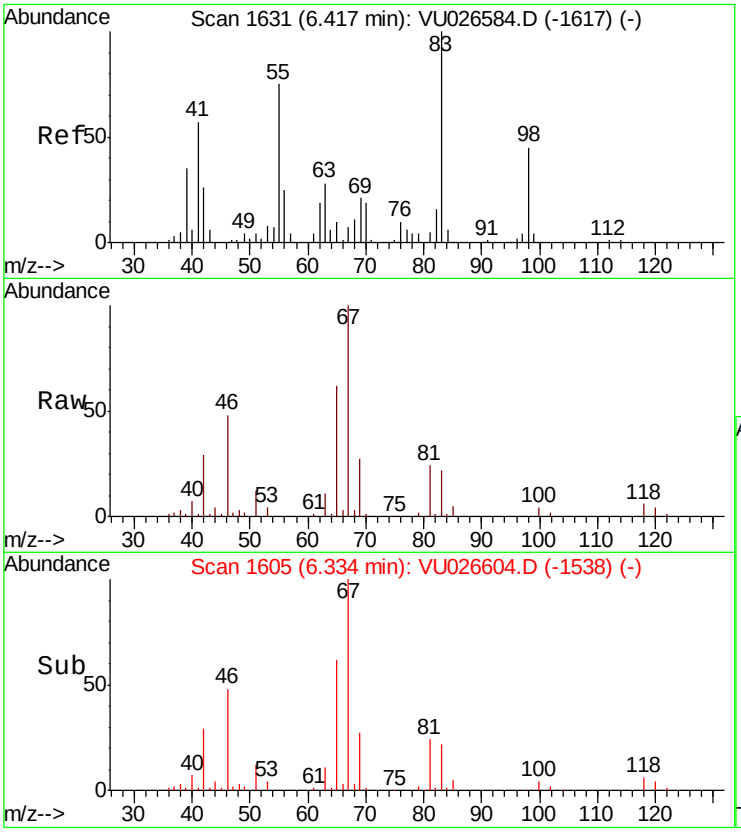




#34
Trichloroethene
Concen: 15.032 ug/L
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU026604.D
Acq: 07 Sep 2018 01:51

Tgt Ion: 95 Resp: 15668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 67.7 | 45.1 | 83.7 |
| 132 | 99.1 | 67.5 | 125.3 |
| 130 | 96.6 | 69.3 | 128.7 |



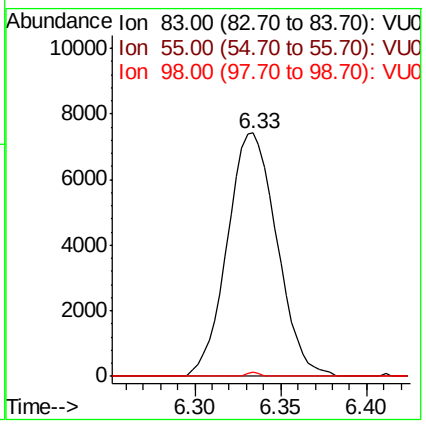


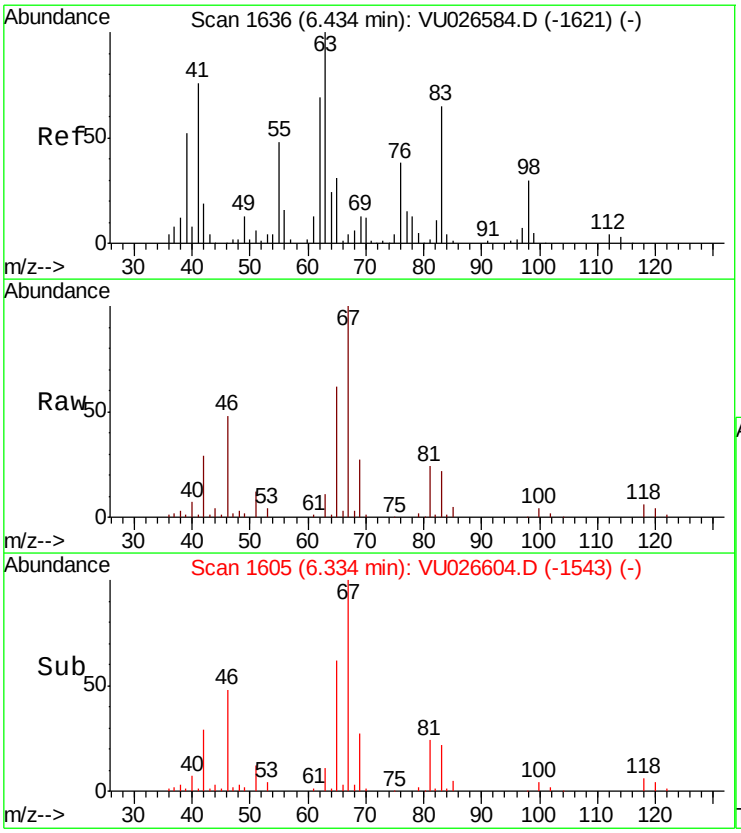

#35
Methylcyclohexane
Concen: 9.130 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.09 min
Lab File: VU026604.D
Acq: 07 Sep 2018 01:51

**Instrument :** MSVOA_U
**ClientSampleId :** C0SY7

Tgt Ion: 83 Resp: 14860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 63.3 | 94.9# |
| 98 | 0.4 | 36.7 | 55.1# |

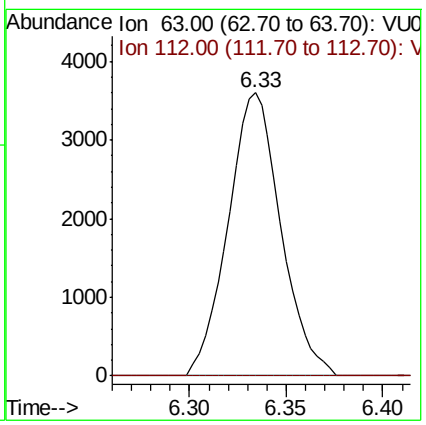


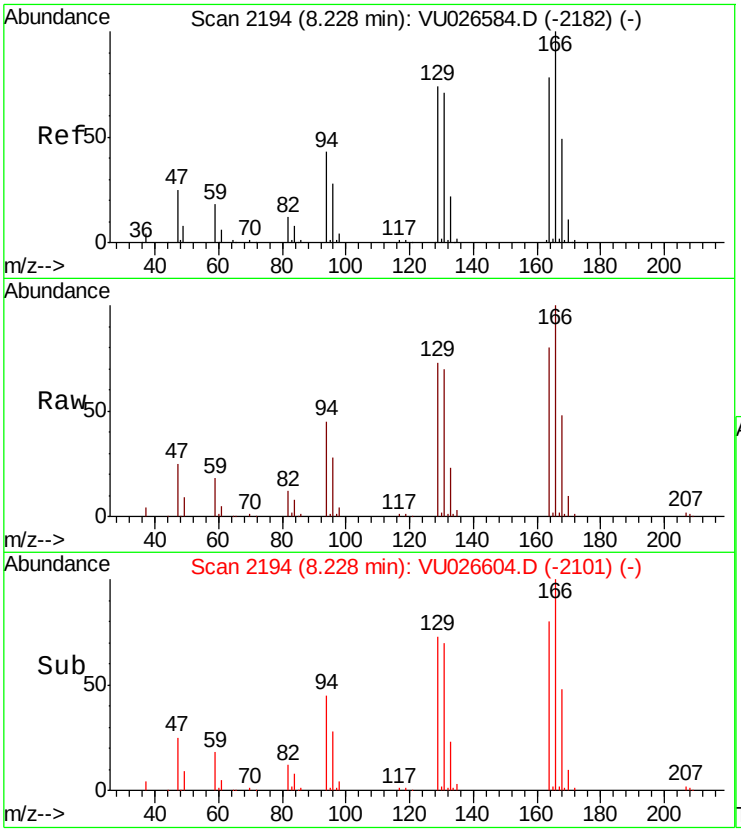




#37
1,2-Dichloropropane
Concen: 5.932 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU026604.D
Acq: 07 Sep 2018 01:51

Tgt Ion: 63 Resp: 6824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.0 | 4.6# |



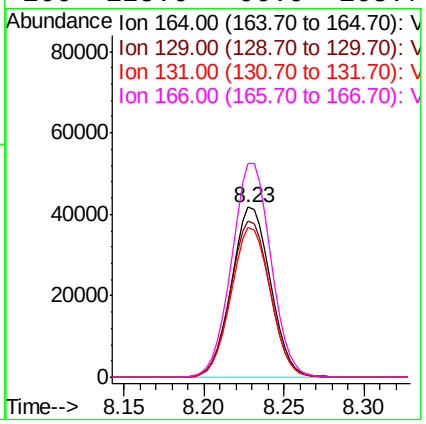


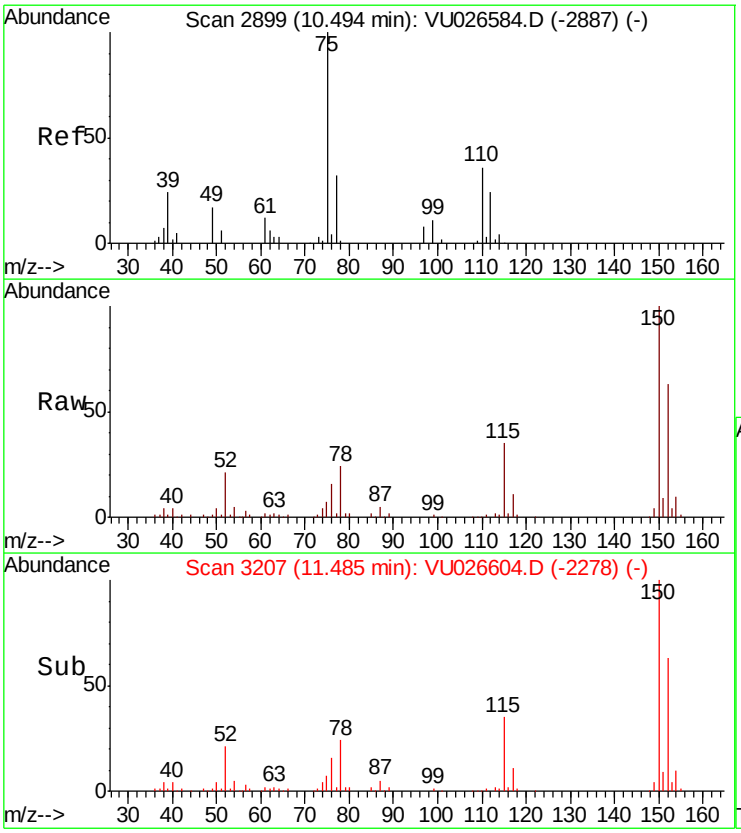

#46
Tetrachloroethene
Concen: 81.530 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU026604.D
Acq: 07 Sep 2018 01:51

**Instrument :** MSVOA_U
**ClientSampleId :** C0SY7

Tgt Ion:164 Resp: 69478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 92.1 | 67.3 | 125.1 |
| 131 | 88.2 | 65.3 | 121.3 |
| 166 | 125.6 | 90.9 | 168.7 |




#59
1,2,3-Trichloropropane
Concen: 4.844 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU026604.D
Acq: 07 Sep 2018 01:51

Tgt Ion: 75 Resp: 6953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 34.8 | 25.0 | 37.6 |