Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092018\
Data File : VU026915.D
Acq On : 19 Sep 2018 22:22
Operator : MD/SY
Sample : J4934-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** SA-MW131I-20180912

Quant Time: Sep 20 05:36:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U091218W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 05:32:45 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 4.99 | 168 | 80755 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 5.89 | 114 | 135682 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 9.09 | 117 | 137735 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 11.48 | 152 | 75603 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.31 | 65 | 69320 | 56.59 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 113.18% | | | |
| 35) Dibromofluoromethane | 4.88 | 113 | 62486 | 56.46 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 112.92% | | | |
| 50) Toluene-d8 | 7.57 | 98 | 204356 | 49.92 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.84% | | | |
| 62) 4-Bromofluorobenzene | 10.31 | 95 | 68809 | 46.38 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 92.76% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 11) Tert butyl alcohol | 2.84 | 59 | 314 | 1.052 | ug/l # | 73 |
| 14) Allyl chloride | 2.44 | 41 | 1188 | 0.711 | ug/l # | 66 |
| 16) Acetone | 2.32 | 43 | 1962 | 2.829 | ug/l | 94 |
| 18) Methyl Acetate | 2.44 | 43 | 3393 | 2.267 | ug/l # | 54 |
| 20) Methylene Chloride | 2.71 | 84 | 282 | 0.251 | ug/l # | 60 |
| 24) 1,1-Dichloroethane | 3.45 | 63 | 3124 | 1.589 | ug/l # | 92 |
| 31) Cyclohexane | 4.98 | 56 | 1290 | 0.539 | ug/l # | 1 |
| 36) 1,1-Dichloropropene | 4.99 | 75 | 5619 | 3.689 | ug/l # | 48 |
| 38) Carbon Tetrachloride | 4.99 | 117 | 6958 | 4.323 | ug/l # | 17 |
| 51) 4-Methyl-2-Pentanone | 7.57 | 43 | 771 | 0.413 | ug/l # | 1 |
| 76) 1,2,3-Trichloropropane | 10.31 | 75 | 33865 | 19.996 | ug/l # | 35 |
| 81) trans-1,4-Dichloro-2-buten | 10.31 | 75 | 33865 | 62.092 | ug/l # | 100 |

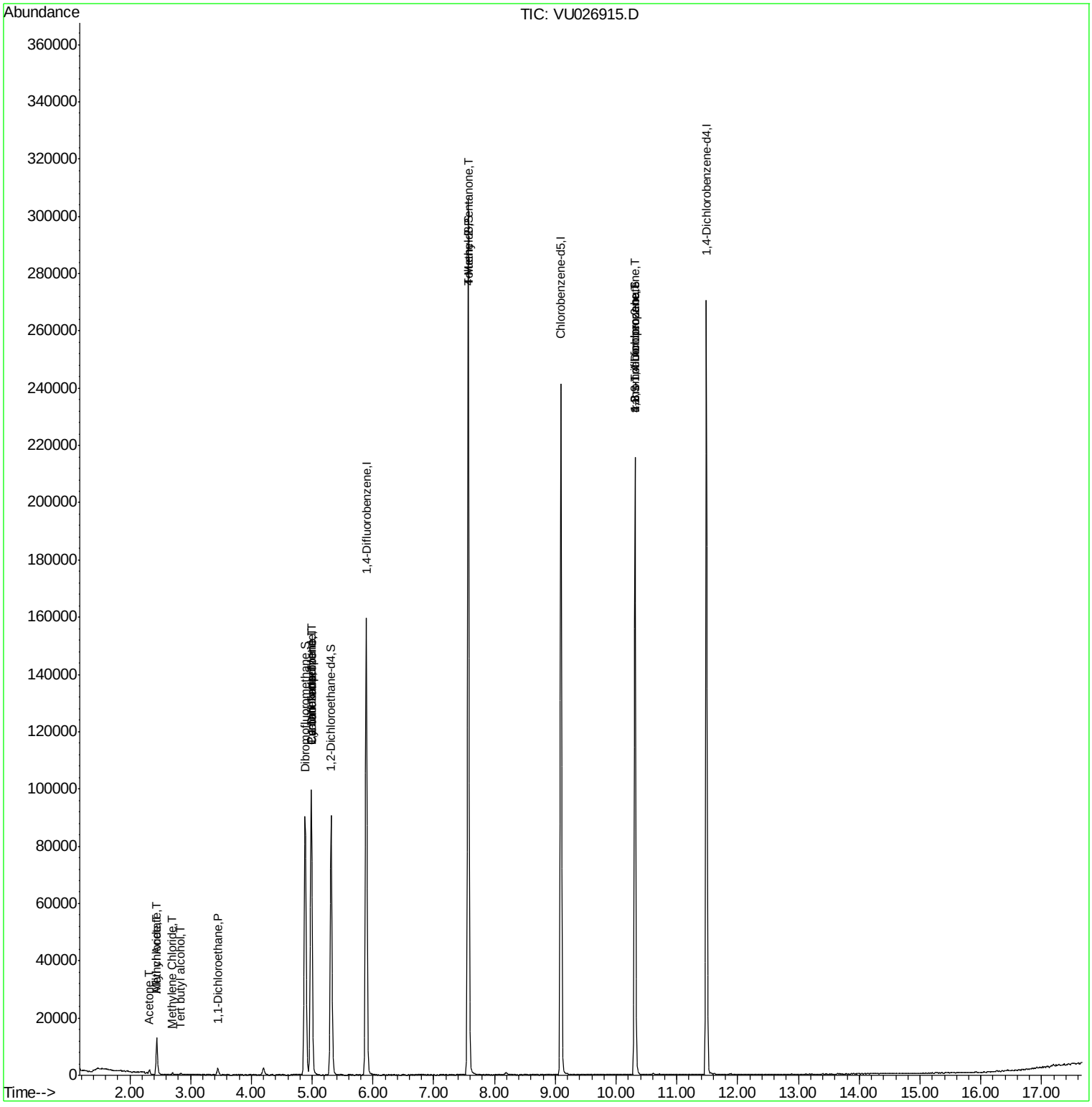
(#) = qualifier out of range (m) = manual integration (+) = signals summed

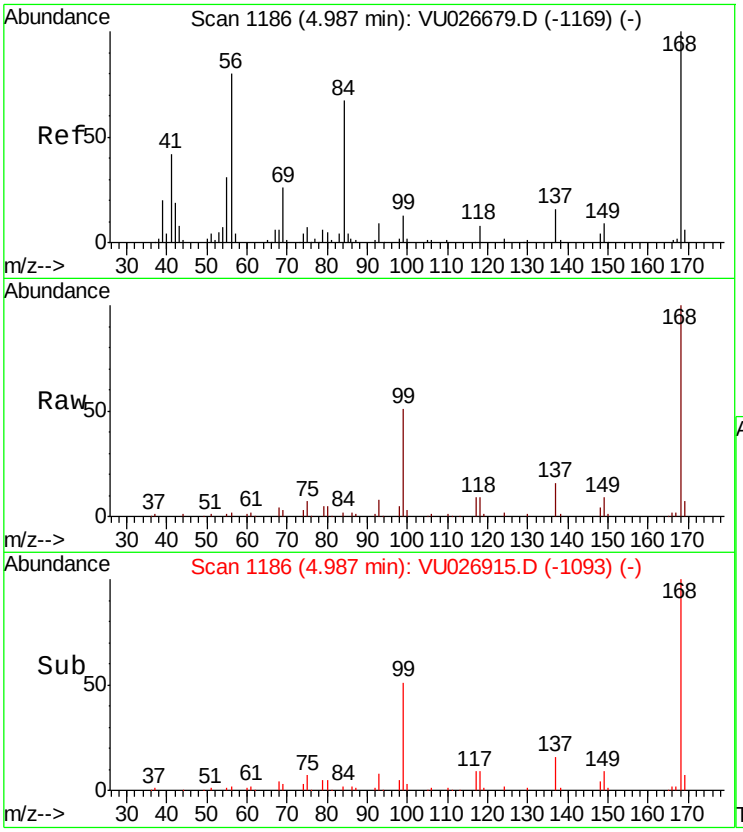
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092018\
Data File : VU026915.D
Acq On : 19 Sep 2018 22:22
Operator : MD/SY
Sample : J4934-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
SA-MW131I-20180912

Quant Time: Sep 20 05:36:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U091218W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 05:32:45 2018
Response via : Initial Calibration



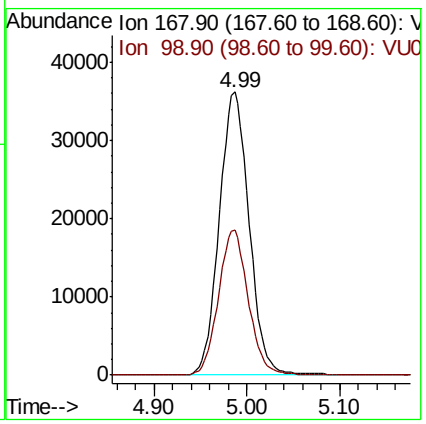


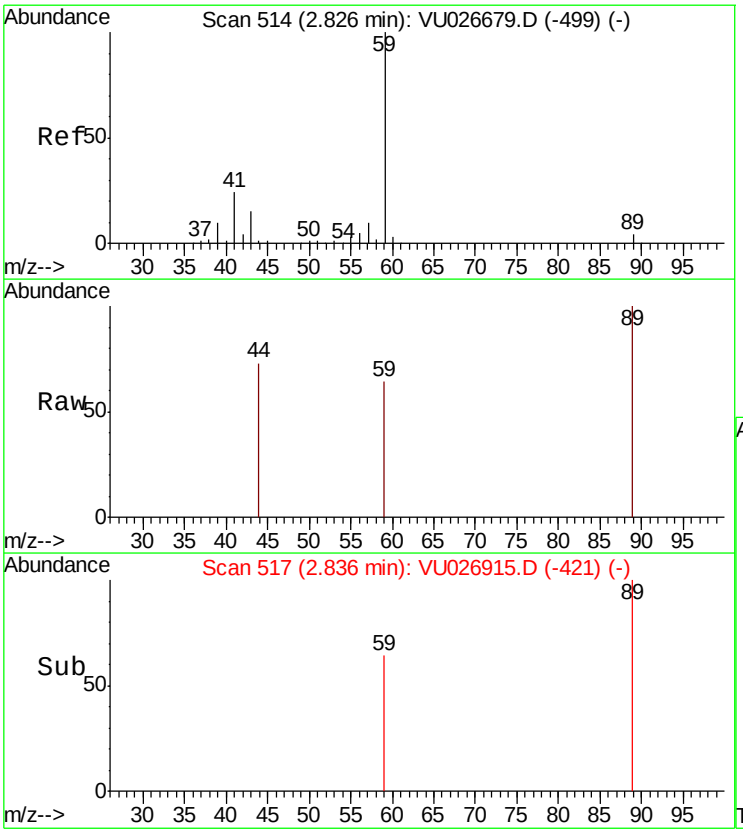

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU026915.D
Acq: 19 Sep 2018 22:22

**Instrument :**
MSVOA_U
**ClientSampleId :**
SA-MW131I-20180912

Tgt Ion:168 Resp: 80755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 51.1 | 42.0 | 63.0 |

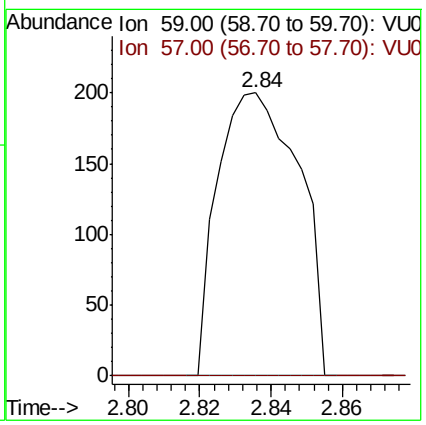


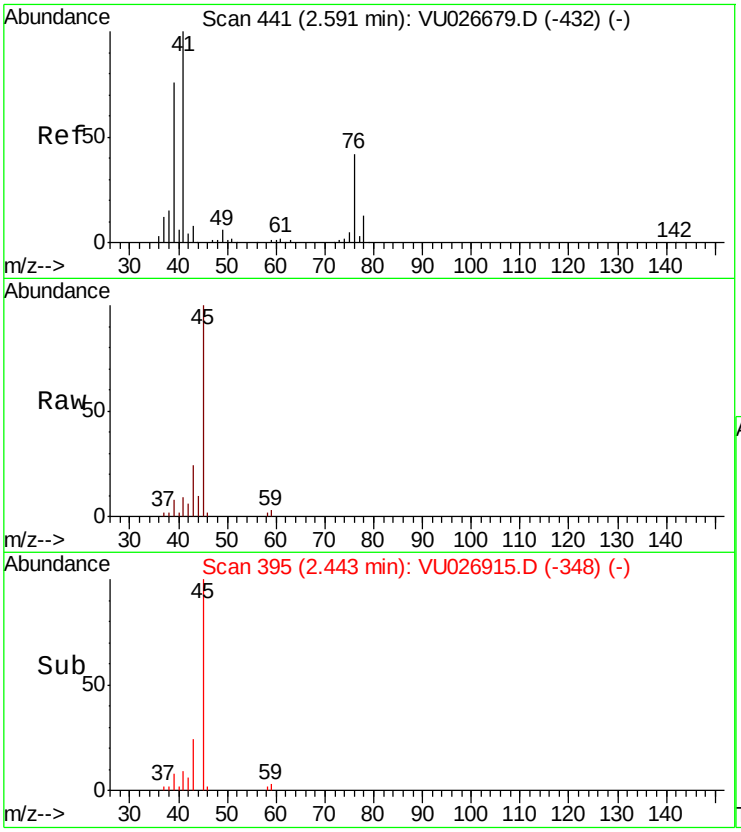




#11
Tert butyl alcohol
Concen: 1.052 ug/l
RT: 2.84 min Scan# 517
Delta R.T. 0.01 min
Lab File: VU026915.D
Acq: 19 Sep 2018 22:22

Tgt Ion: 59 Resp: 314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.0 | 12.0# |



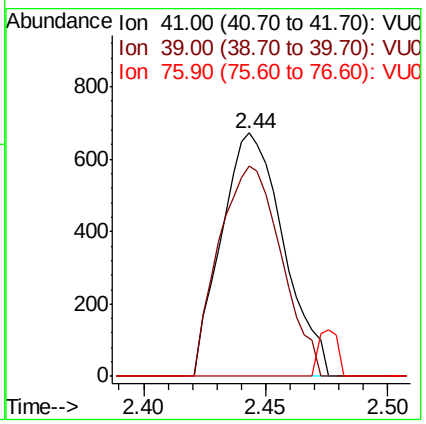


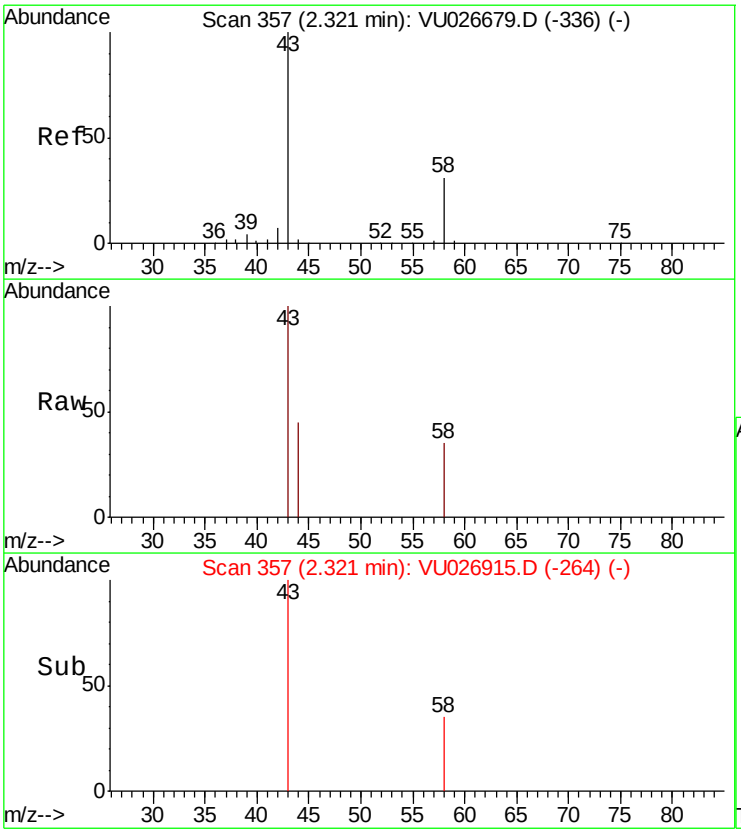

#14
Allyl chloride
Concen: 0.711 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.15 min
Lab File: VU026915.D
Acq: 19 Sep 2018 22:22

**Instrument :**
MSVOA_U
**ClientSampleId :**
SA-MW131I-20180912

Tgt Ion: 41 Resp: 1188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 86.7 | 56.9 | 85.3# |
| 76 | 0.0 | 29.7 | 44.5# |

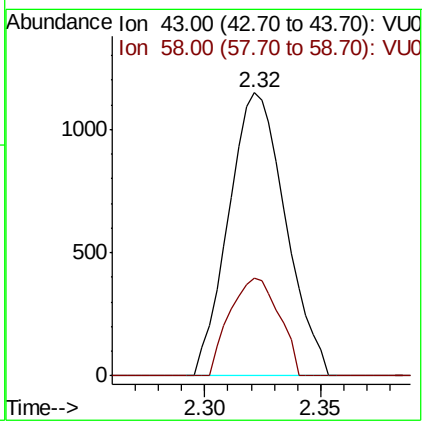


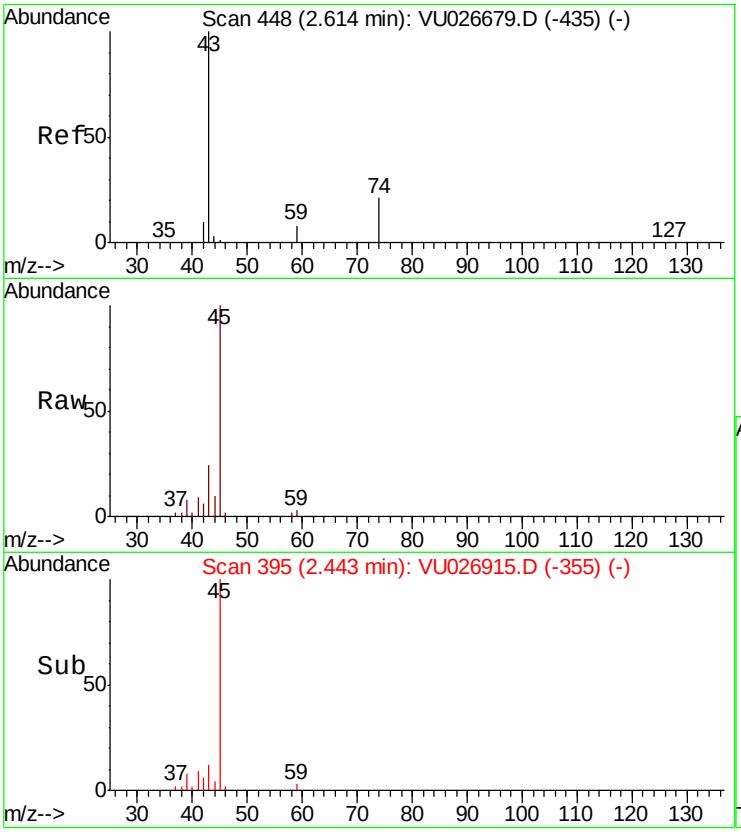




#16
Acetone
Concen: 2.829 ug/l
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU026915.D
Acq: 19 Sep 2018 22:22

Tgt Ion: 43 Resp: 1962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 34.8 | 25.1 | 37.7 |



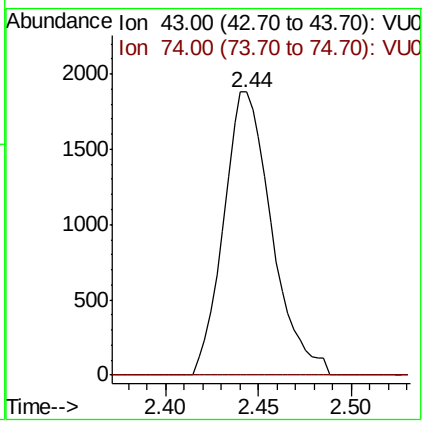


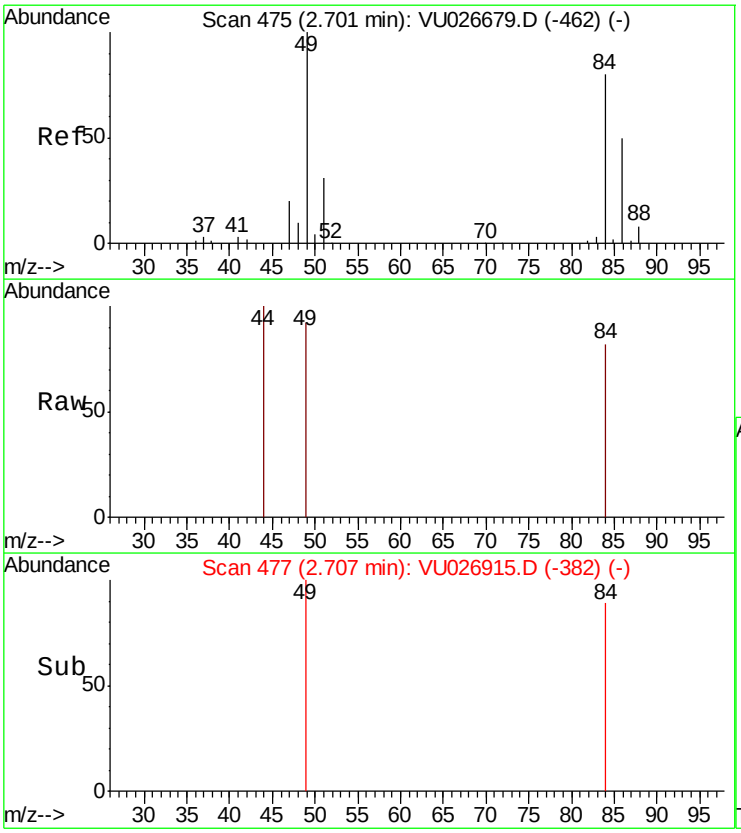

#18
Methyl Acetate
Concen: 2.267 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.17 min
Lab File: VU026915.D
Acq: 19 Sep 2018 22:22

**Instrument :**
MSVOA_U
**ClientSampleId :**
SA-MW131I-20180912

Tgt Ion: 43 Resp: 3393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 17.7 | 26.5# |

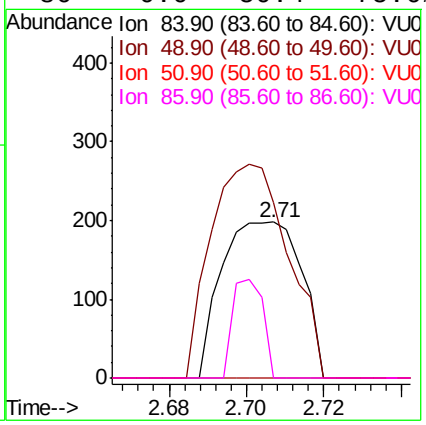


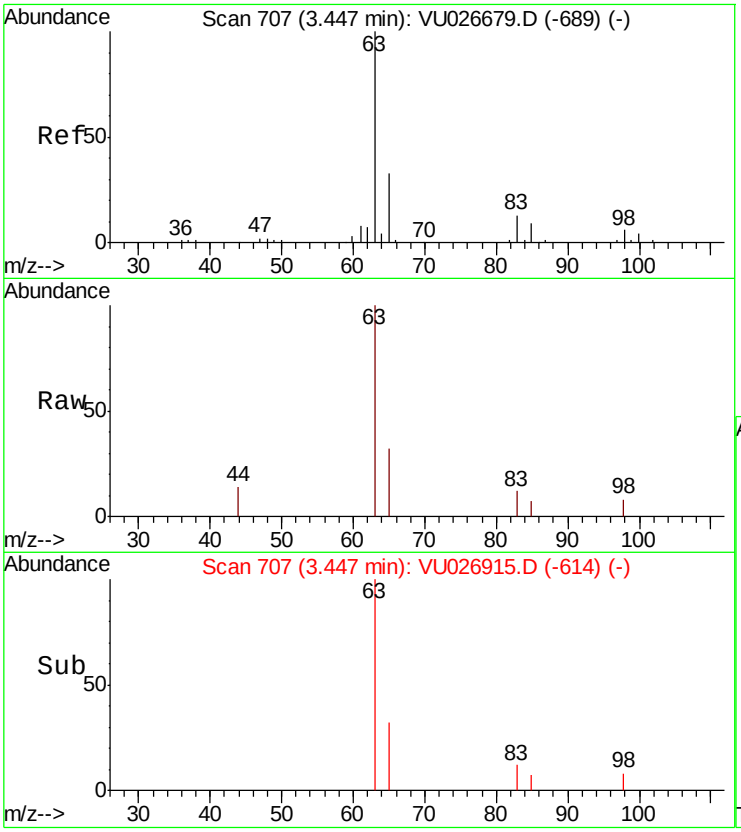




#20
Methylene Chloride
Concen: 0.251 ug/l
RT: 2.71 min Scan# 477
Delta R.T. 0.01 min
Lab File: VU026915.D
Acq: 19 Sep 2018 22:22

Tgt Ion: 84 Resp: 282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 112.1 | 100.6 | 151.0 |
| 51 | 0.0 | 30.9 | 46.3# |
| 86 | 0.0 | 50.4 | 75.6# |



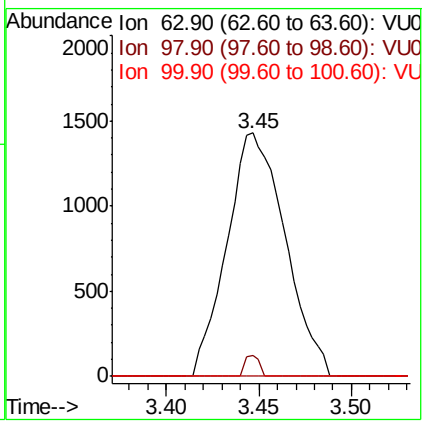


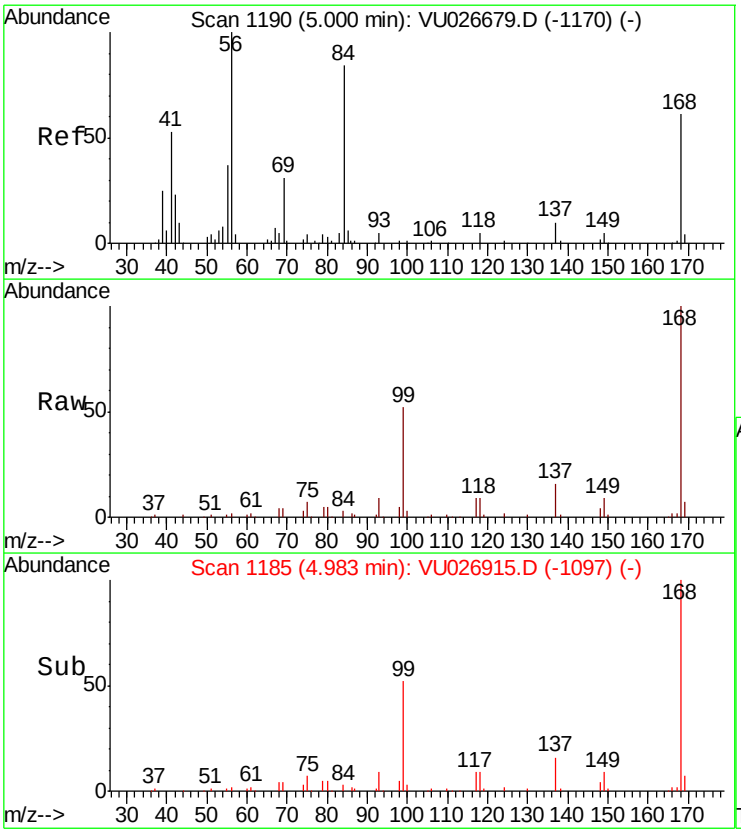

#24
1,1-Dichloroethane
Concen: 1.589 ug/l
RT: 3.45 min Scan# 707
Delta R.T. 0.00 min
Lab File: VU026915.D
Acq: 19 Sep 2018 22:22

**Instrument :**
MSVOA_U
**ClientSampleId :**
SA-MW131I-20180912

Tgt Ion: 63 Resp: 3124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 8.4 | 3.1 | 9.4 |
| 100 | 0.0 | 2.0 | 6.0# |

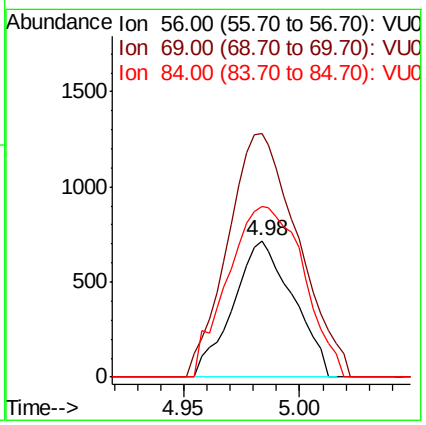


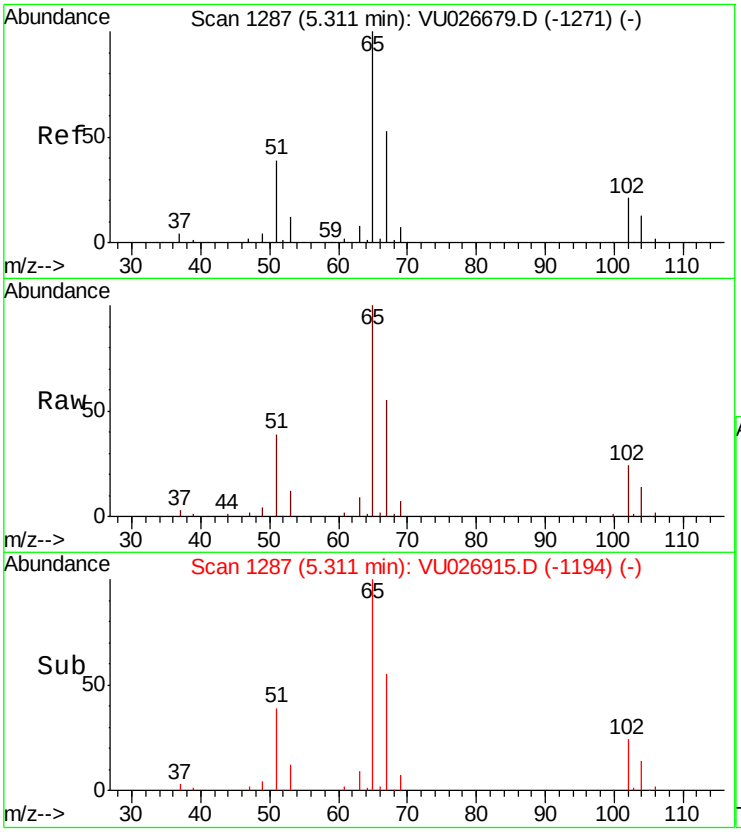




#31
Cyclohexane
Concen: 0.539 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.02 min
Lab File: VU026915.D
Acq: 19 Sep 2018 22:22

Tgt Ion: 56 Resp: 1290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 178.8 | 24.9 | 37.3# |
| 84 | 125.7 | 66.6 | 100.0# |



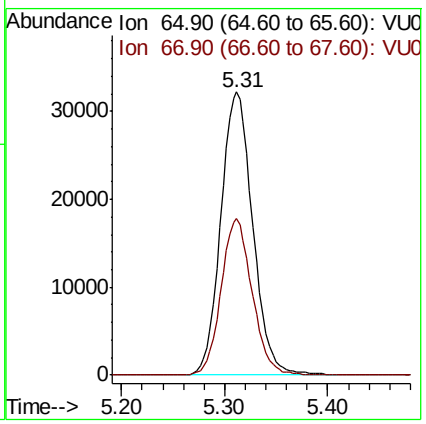


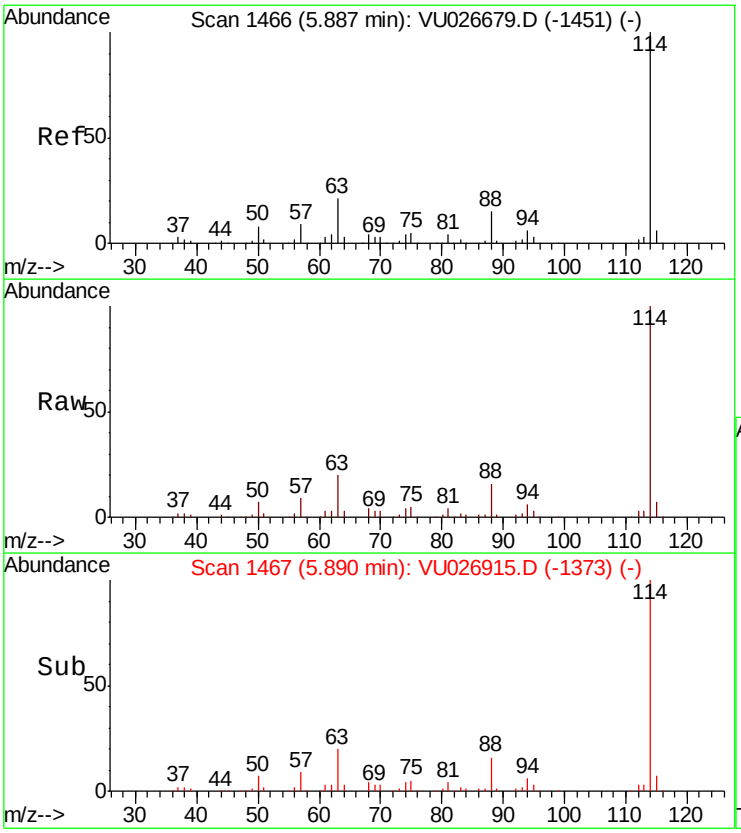

#33
1,2-Dichloroethane-d4
Concen: 56.587 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU026915.D
Acq: 19 Sep 2018 22:22

**Instrument :**
MSVOA_U
**ClientSampleId :**
SA-MW131I-20180912

Tgt Ion: 65 Resp: 69320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.8 | 0.0 | 106.4 |

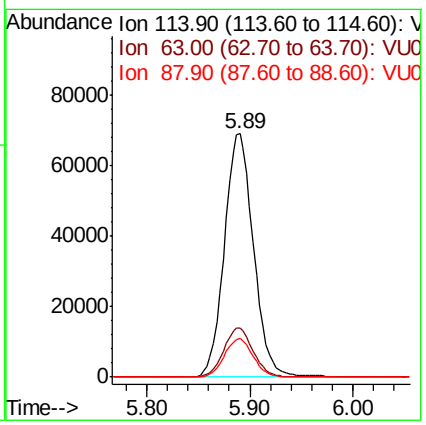


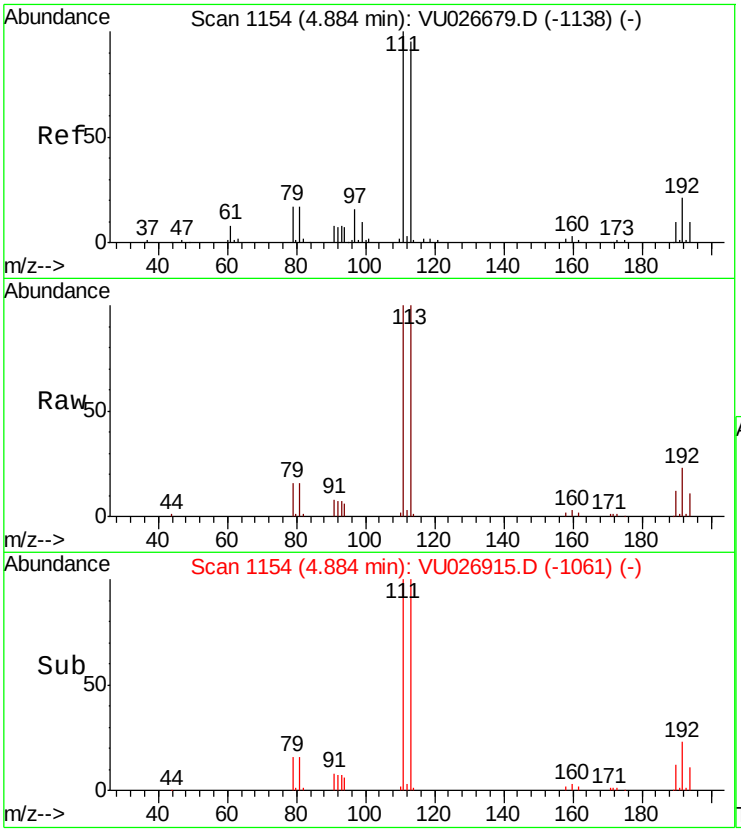




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1467
Delta R.T. 0.00 min
Lab File: VU026915.D
Acq: 19 Sep 2018 22:22

Tgt Ion:114 Resp: 135682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.3 | 0.0 | 41.4 |
| 88 | 15.8 | 0.0 | 30.8 |



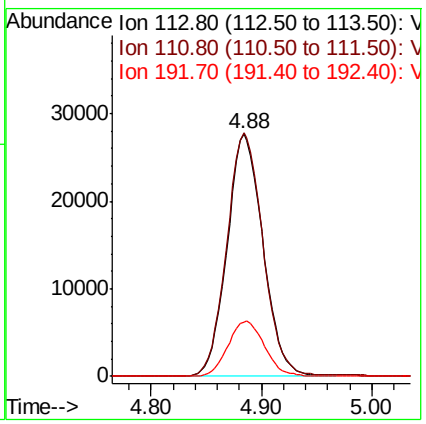


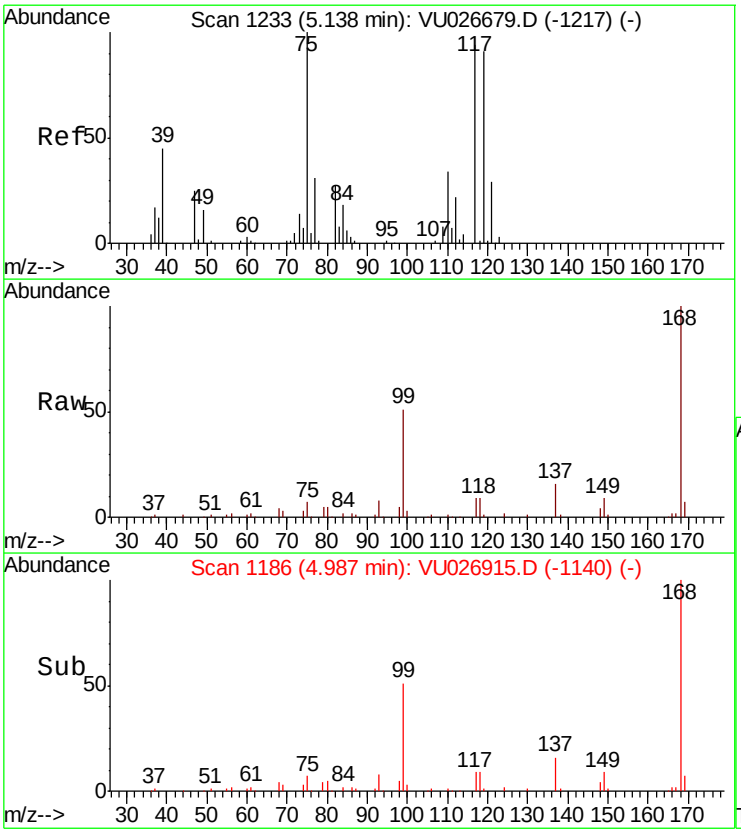

#35
Dibromofluoromethane
Concen: 56.459 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. 0.00 min
Lab File: VU026915.D
Acq: 19 Sep 2018 22:22

**Instrument :**
MSVOA_U
**ClientSampleId :**
SA-MW131I-20180912

Tgt Ion:113 Resp: 62486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.4 | 83.1 | 124.7 |
| 192 | 23.1 | 17.4 | 26.2 |

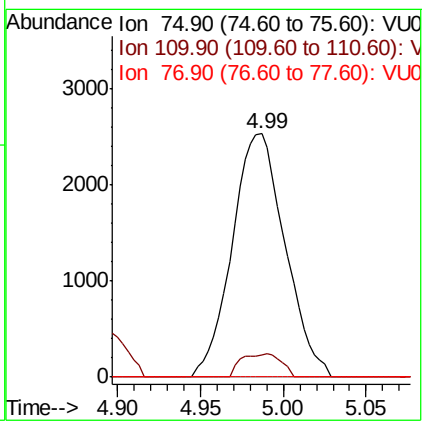


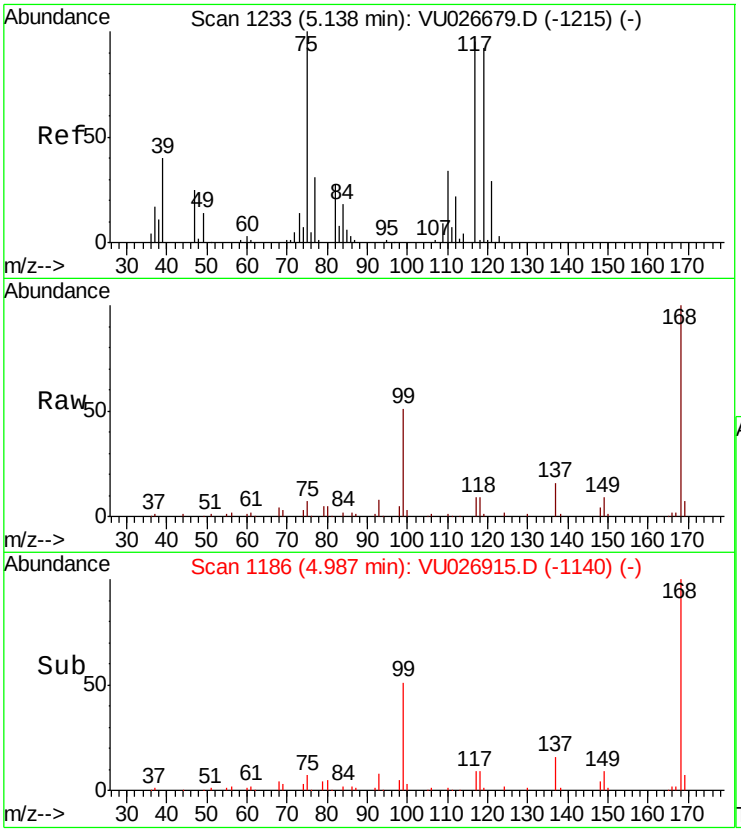




#36
1,1-Dichloropropene
Concen: 3.689 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU026915.D
Acq: 19 Sep 2018 22:22

Tgt Ion: 75 Resp: 5619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 7.3 | 17.3 | 51.9# |
| 77 | 0.0 | 24.9 | 37.3# |



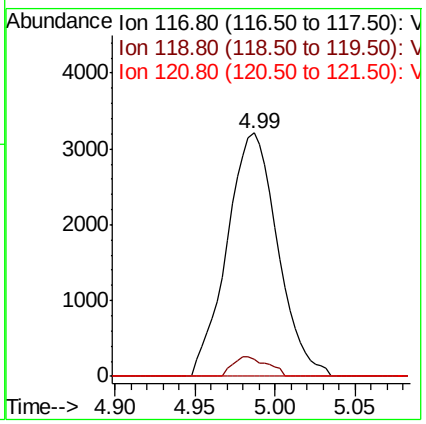


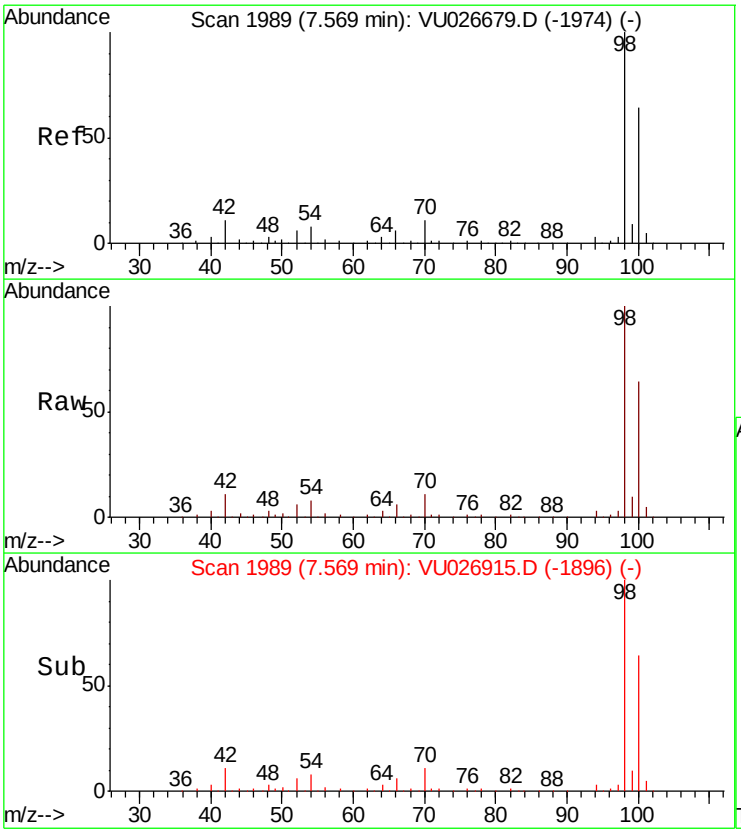

#38
Carbon Tetrachloride
Concen: 4.323 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU026915.D
Acq: 19 Sep 2018 22:22

**Instrument :**
MSVOA_U
**ClientSampleId :**
SA-MW131I-20180912

Tgt Ion:117 Resp: 6958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 6.9 | 77.8 | 116.8# |
| 121 | 0.0 | 25.0 | 37.4# |

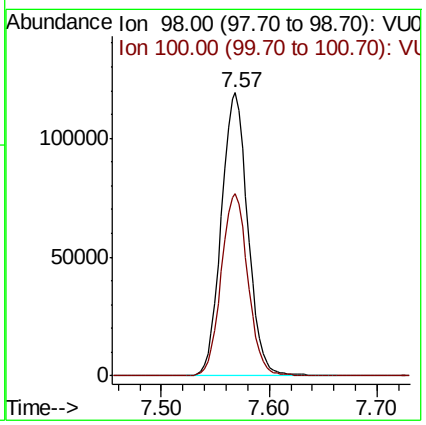


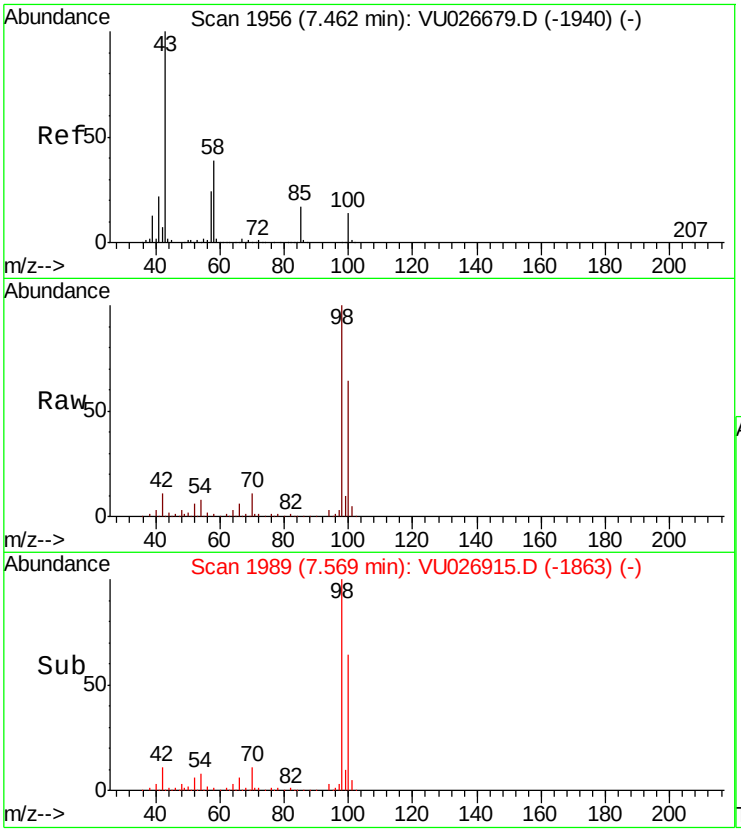




#50
Toluene-d8
Concen: 49.923 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU026915.D
Acq: 19 Sep 2018 22:22

Tgt Ion: 98 Resp: 204356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.9 | 51.2 | 76.8 |



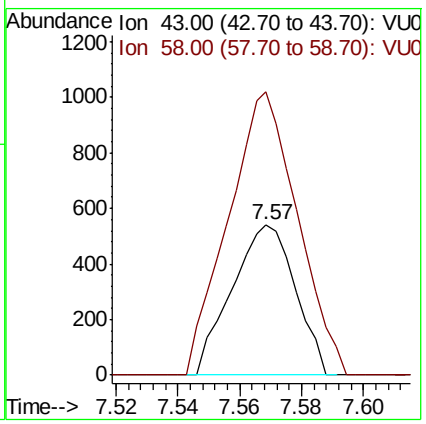


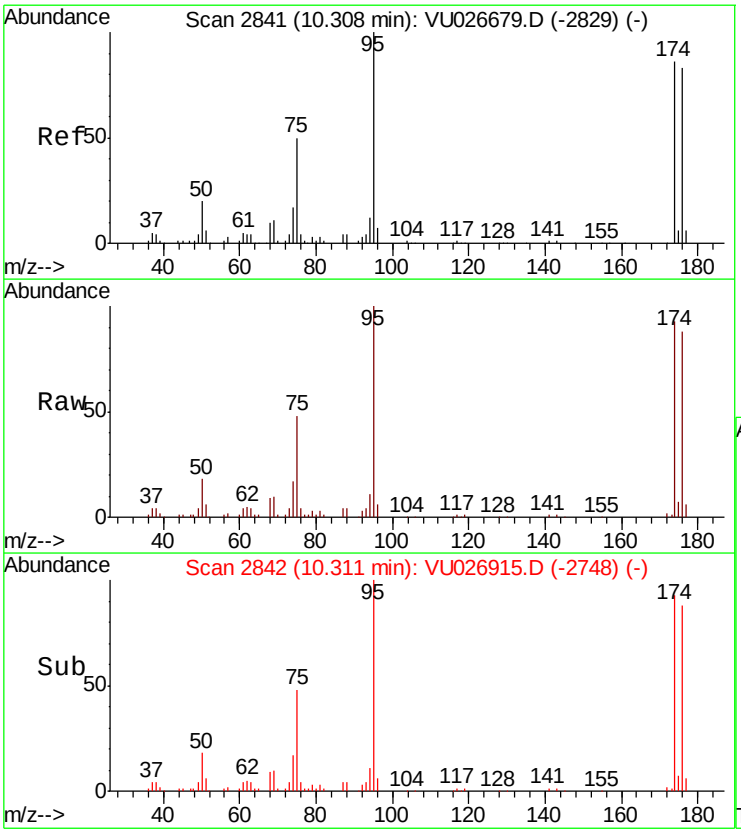

#51
4-Methyl-2-Pentanone
Concen: 0.413 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.11 min
Lab File: VU026915.D
Acq: 19 Sep 2018 22:22

**Instrument :**
MSVOA_U
**ClientSampleId :**
SA-MW131I-20180912

Tgt Ion: 43 Resp: 771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 205.4 | 31.1 | 46.7# |

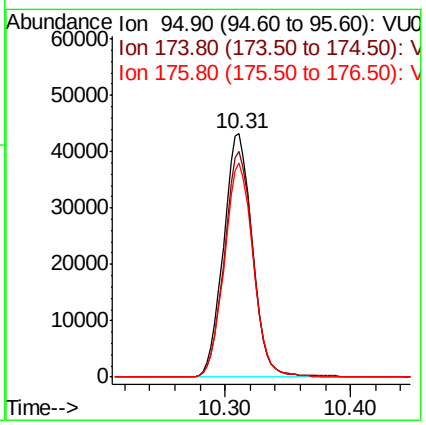


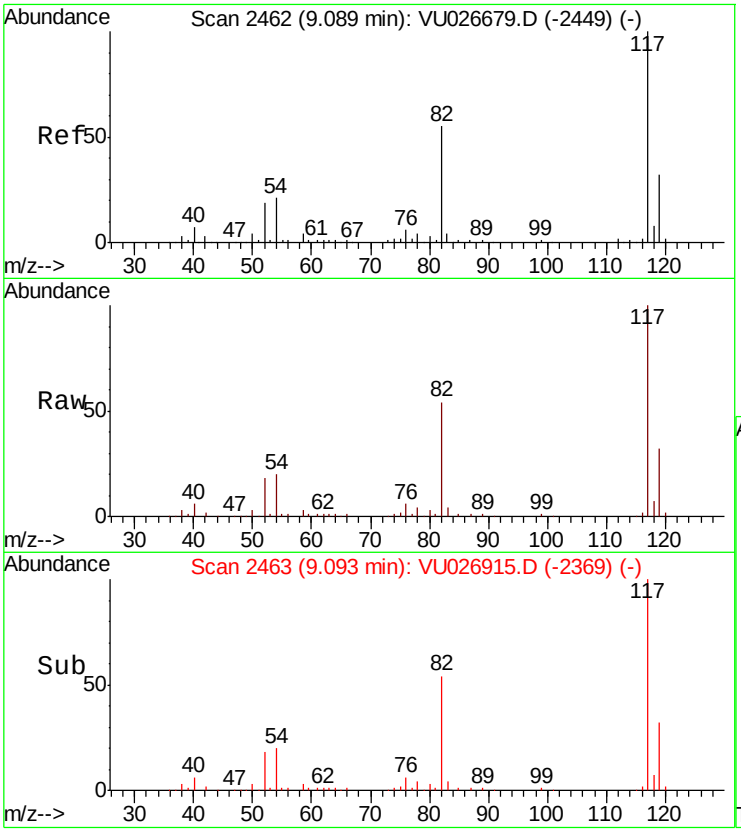




#62
4-Bromofluorobenzene
Concen: 46.380 ug/l
RT: 10.31 min Scan# 2842
Delta R.T. 0.00 min
Lab File: VU026915.D
Acq: 19 Sep 2018 22:22

Tgt Ion: 95 Resp: 68809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 93.0 | 0.0 | 172.8 |
| 176 | 88.3 | 0.0 | 168.6 |



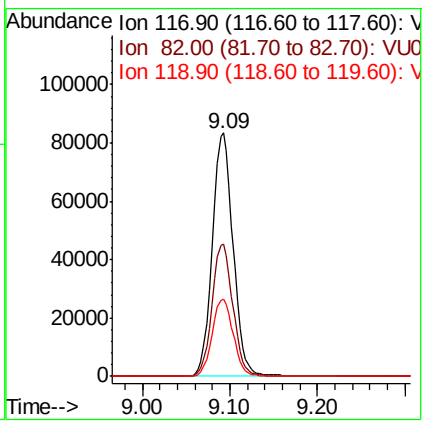


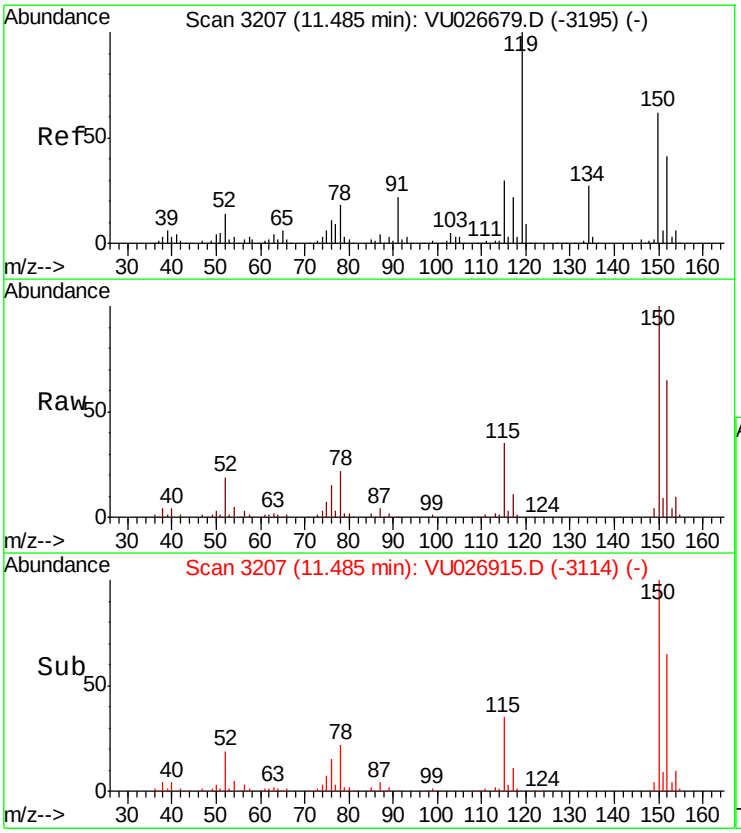

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU026915.D
Acq: 19 Sep 2018 22:22

**Instrument :**
MSVOA_U
**ClientSampleId :**
SA-MW131I-20180912

Tgt Ion:117 Resp: 137735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.1 | 44.1 | 66.1 |
| 119 | 31.8 | 25.7 | 38.5 |

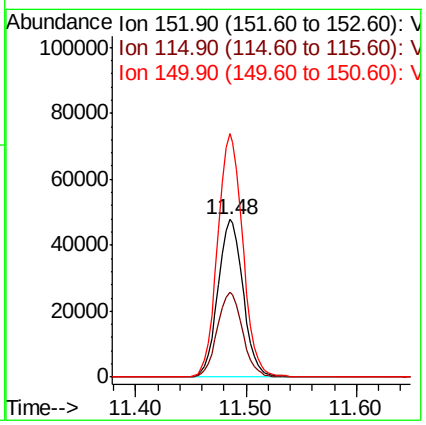


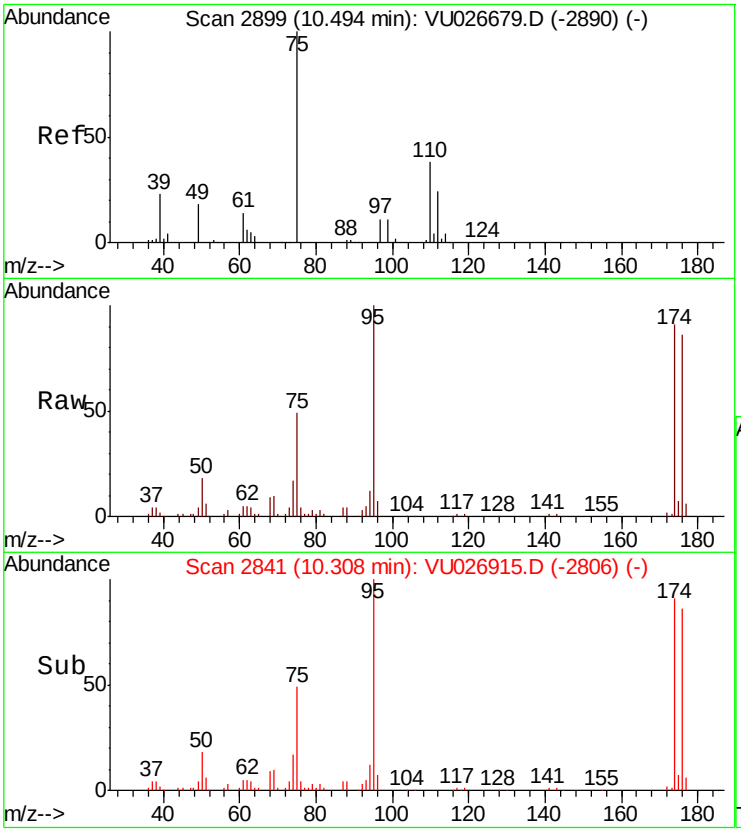




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU026915.D
Acq: 19 Sep 2018 22:22

Tgt Ion:152 Resp: 75603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 54.0 | 40.4 | 121.1 |
| 150 | 154.0 | 0.0 | 345.2 |



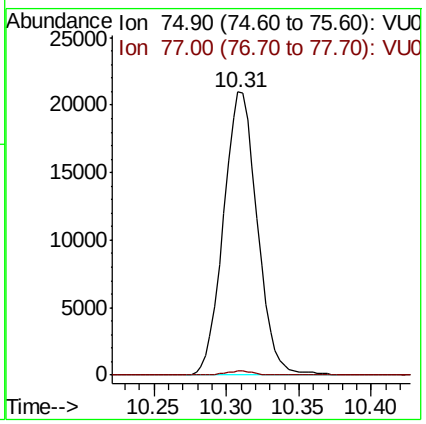


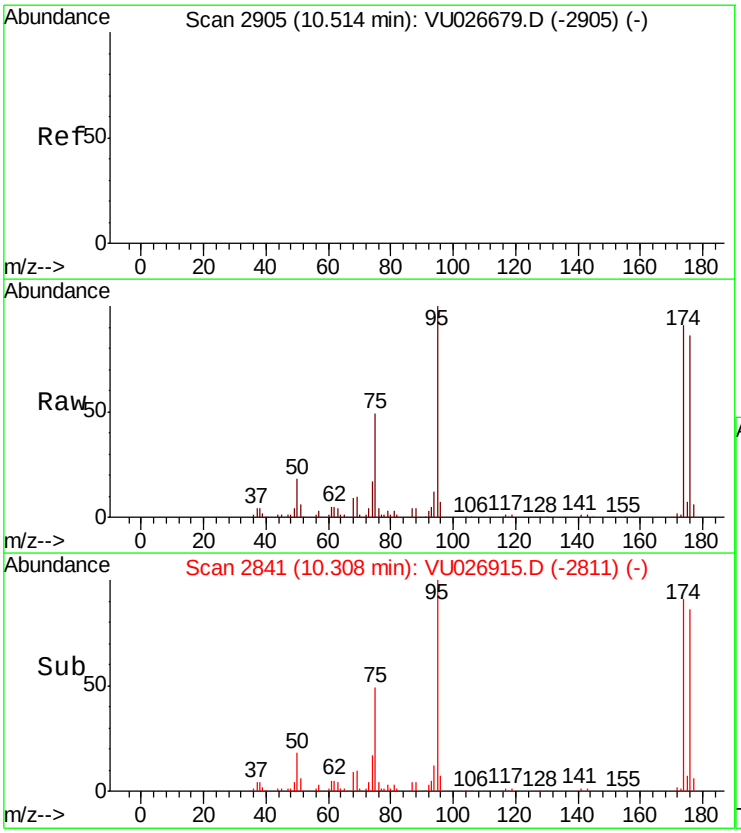

#76
1,2,3-Trichloropropane
Concen: 19.996 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU026915.D
Acq: 19 Sep 2018 22:22

**Instrument :**
MSVOA_U
**ClientSampleId :**
SA-MW131I-20180912

Tgt Ion: 75 Resp: 33865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.1 | 21.1 | 63.1# |




#81
trans-1,4-Dichloro-2-butene
Concen: 62.092 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.20 min
Lab File: VU026915.D
Acq: 19 Sep 2018 22:22

Tgt Ion: 75 Resp: 33865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 0.0 | 0.0 |
| 89 | 0.0 | 0.0 | 0.0 |