Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092018\
Data File : VU026905.D
Acq On : 19 Sep 2018 18:29
Operator : MD/SY
Sample : J4913-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BPS1-TT-MW302D-20180913

Quant Time: Sep 20 05:34:57 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 | 81527 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 5.89 | 114 | 139068 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 9.09 | 117 | 136919 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 11.48 | 152 | 73089 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.31 | 65 | 68671 | 55.53 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 111.06% | | | |
| 35) Dibromofluoromethane | 4.89 | 113 | 62523 | 55.12 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 110.24% | | | |
| 50) Toluene-d8 | 7.57 | 98 | 204688 | 48.79 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.58% | | | |
| 62) 4-Bromofluorobenzene | 10.31 | 95 | 68663 | 45.16 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 90.32% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 6) Chloroethane | 1.67 | 64 | 195 | 0.240 | ug/l # | 44 |
| 11) Tert butyl alcohol | 2.84 | 59 | 796 | 2.641 | ug/l # | 73 |
| 12) 1,1-Dichloroethene | 2.28 | 96 | 210 | 0.224 | ug/l # | 75 |
| 14) Allyl chloride | 2.45 | 41 | 2592 | 1.538 | ug/l # | 75 |
| 16) Acetone | 2.32 | 43 | 1699 | 2.426 | ug/l | 91 |
| 18) Methyl Acetate | 2.44 | 43 | 6887 | 4.559 | ug/l # | 54 |
| 20) Methylene Chloride | 2.70 | 84 | 311 | 0.274 | ug/l # | 77 |
| 24) 1,1-Dichloroethane | 3.45 | 63 | 660 | 0.333 | ug/l # | 84 |
| 31) Cyclohexane | 4.99 | 56 | 1455 | 0.623 | ug/l # | 1 |
| 36) 1,1-Dichloropropene | 4.98 | 75 | 5786 | 3.706 | ug/l # | 47 |
| 38) Carbon Tetrachloride | 4.99 | 117 | 7051 | 4.274 | ug/l # | 15 |
| 44) Trichloroethene | 6.19 | 130 | 2037 | 1.697 | ug/l | 83 |
| 51) 4-Methyl-2-Pentanone | 7.57 | 43 | 738 | 0.386 | ug/l # | 1 |
| 76) 1,2,3-Trichloropropane | 10.31 | 75 | 33668 | 20.564 | ug/l # | 35 |
| 81) trans-1,4-Dichloro-2-buten | 10.31 | 75 | 33668 | 63.438 | ug/l # | 100 |

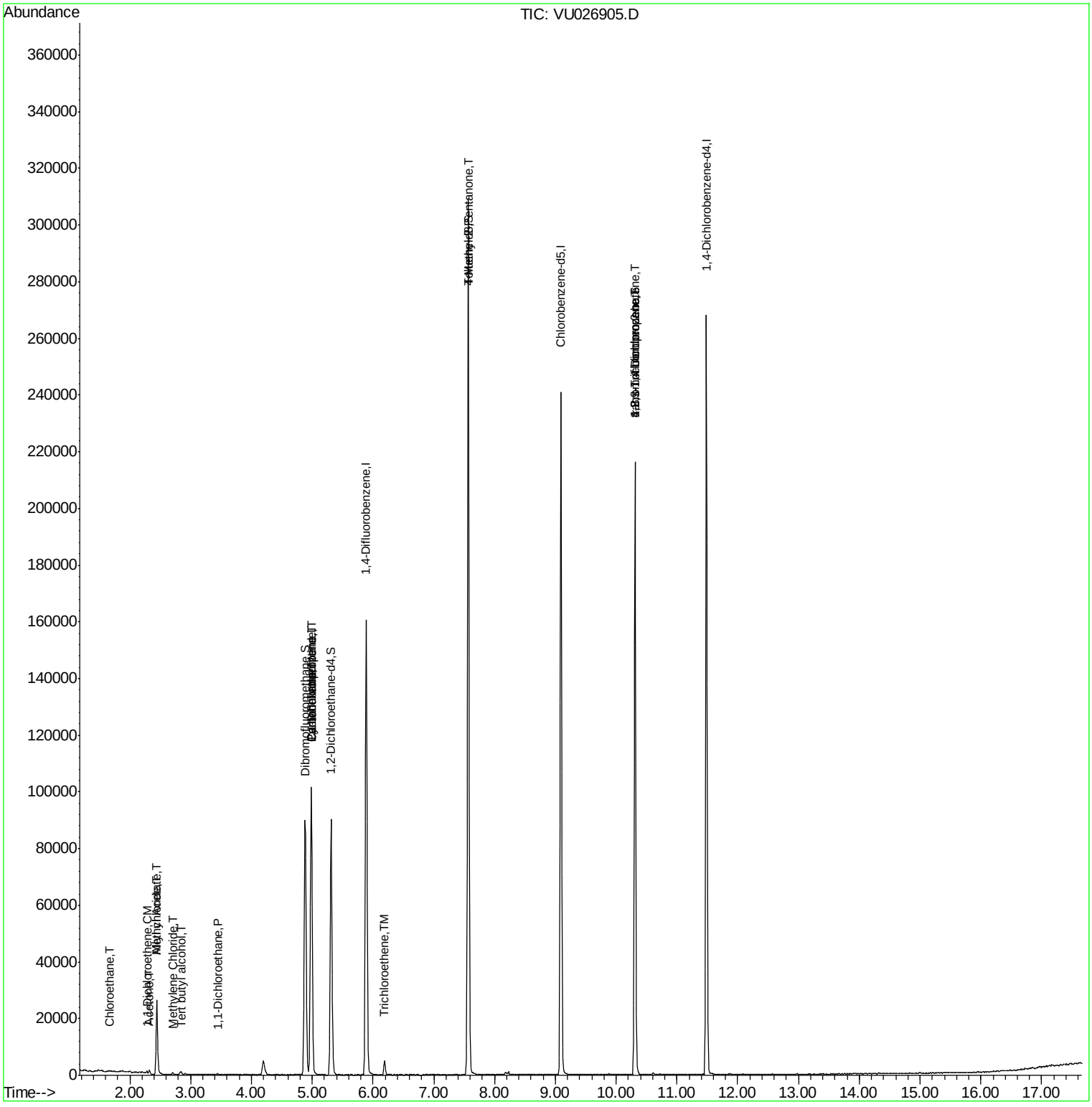
(#) = qualifier out of range (m) = manual integration (+) = signals summed

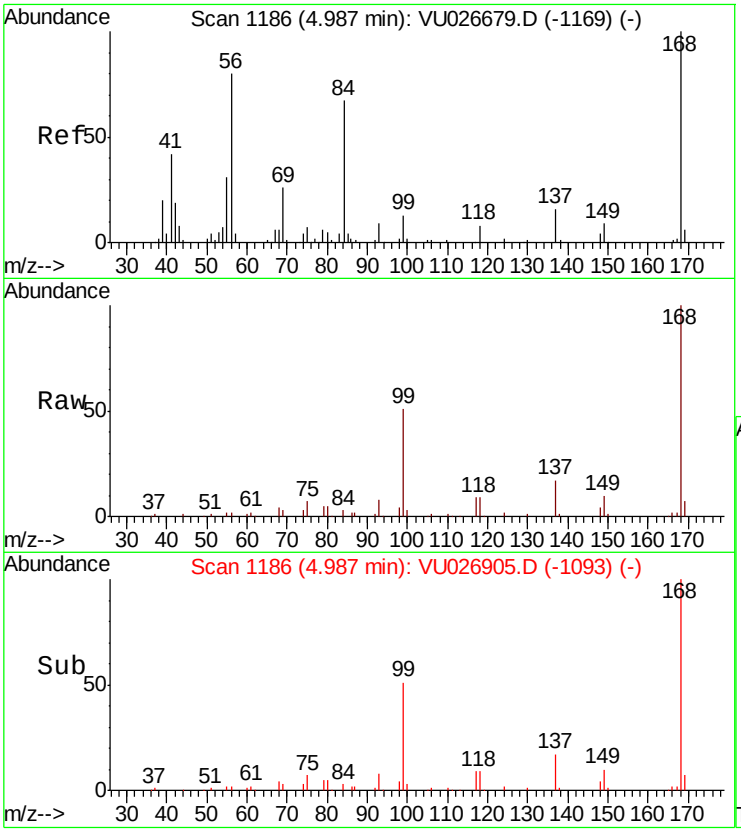
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092018\
Data File : VU026905.D
Acq On : 19 Sep 2018 18:29
Operator : MD/SY
Sample : J4913-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BPS1-TT-MW302D-20180913

Quant Time: Sep 20 05:34:57 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



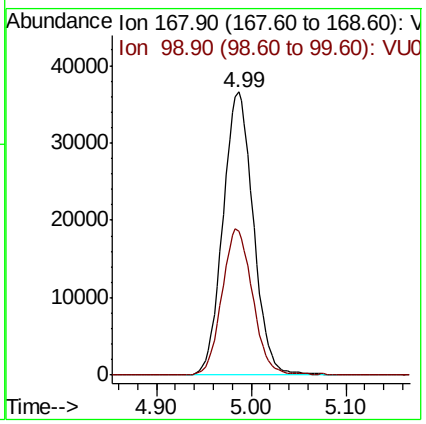


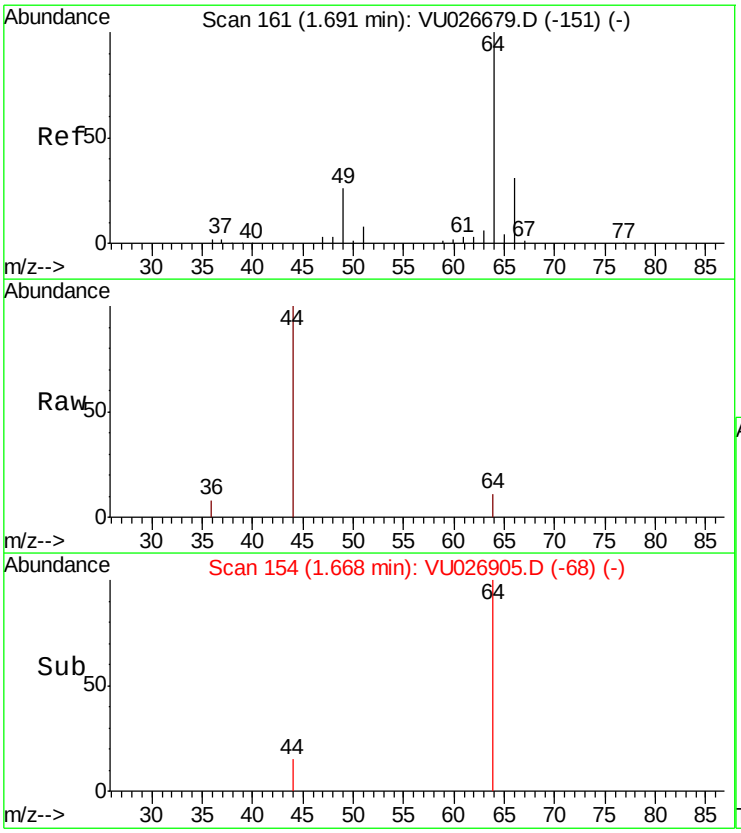

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.00 min
Lab File: VU026905.D
Acq: 19 Sep 2018 18:29

**Instrument :**
MSVOA_U
**ClientSampleId :**
BPS1-TT-MW302D-20180913

Tgt Ion:168 Resp: 81527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 51.0 | 42.0 | 63.0 |

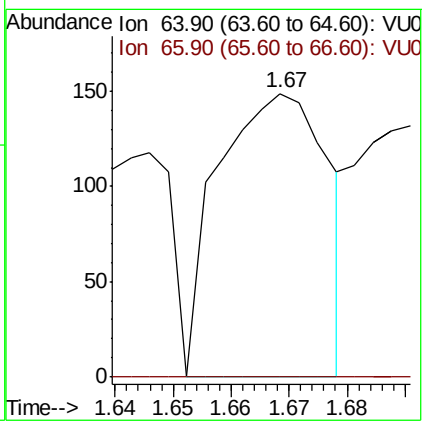


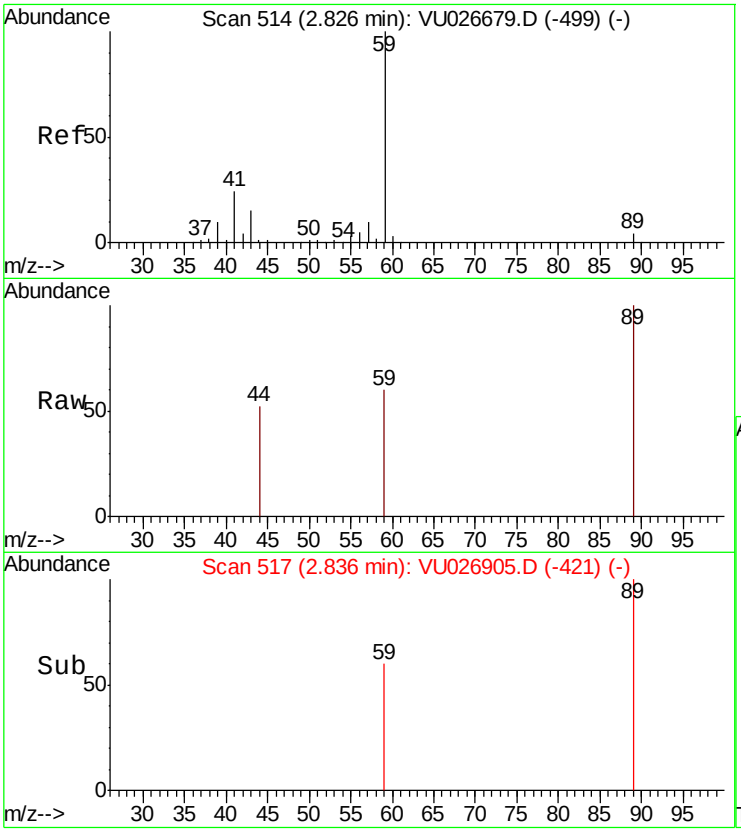




#6
Chloroethane
Concen: 0.240 ug/l
RT: 1.67 min Scan# 154
Delta R.T. -0.02 min
Lab File: VU026905.D
Acq: 19 Sep 2018 18:29

Tgt Ion: 64 Resp: 195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 0.0 | 24.7 | 37.1# |



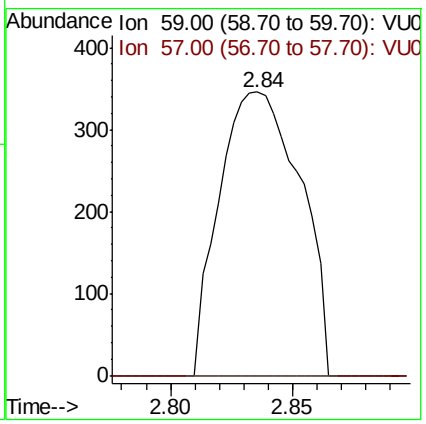


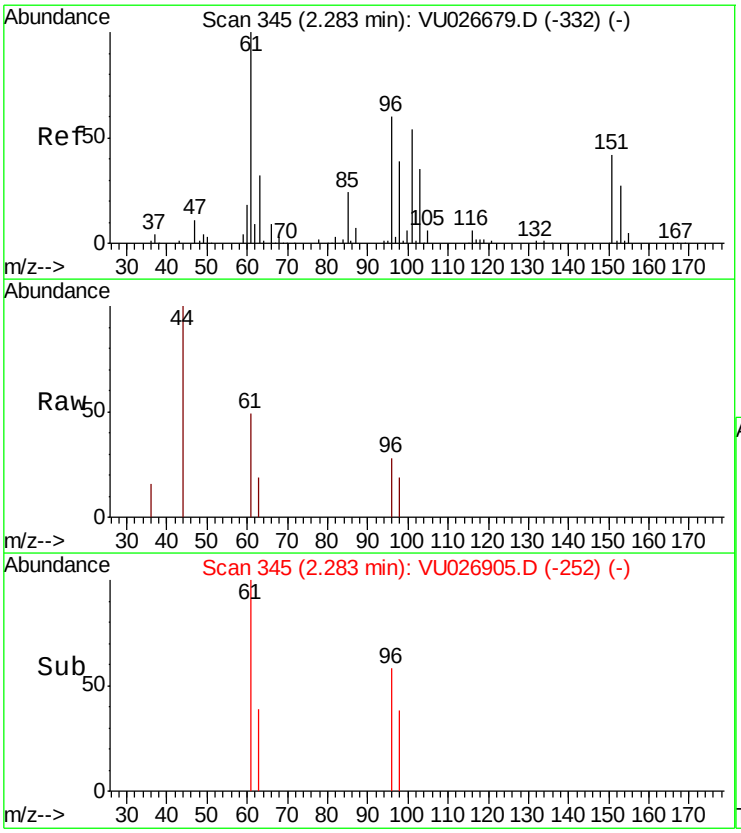

#11
Tert butyl alcohol
Concen: 2.641 ug/l
RT: 2.84 min Scan# 517
Delta R.T. 0.01 min
Lab File: VU026905.D
Acq: 19 Sep 2018 18:29

**Instrument :**
MSVOA_U
**ClientSampleId :**
BPS1-TT-MW302D-20180913

Tgt Ion: 59 Resp: 796

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

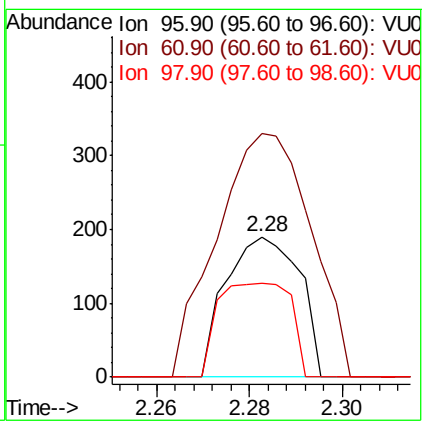


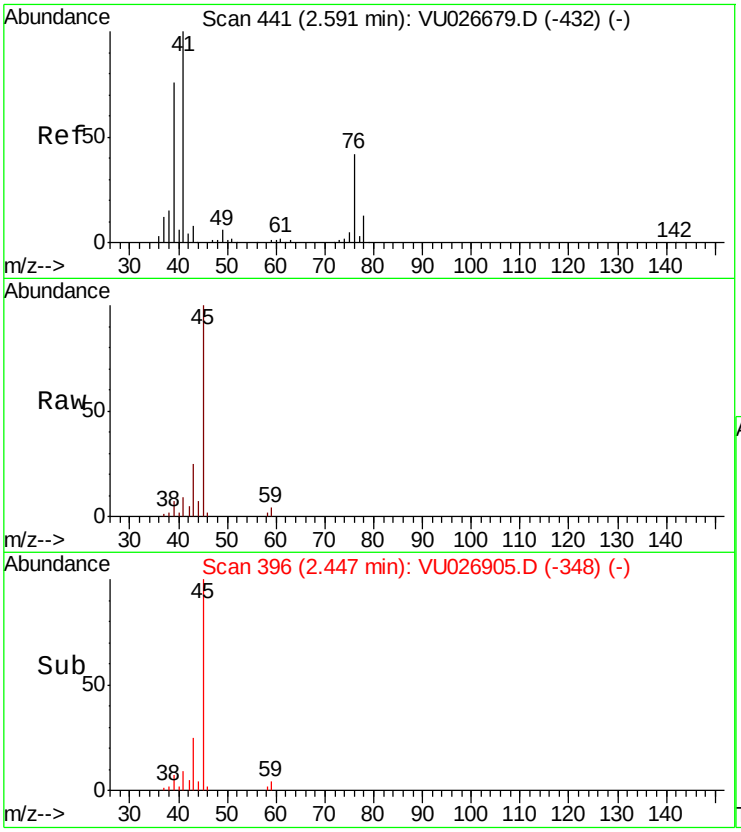




#12
1,1-Dichloroethene
Concen: 0.224 ug/l
RT: 2.28 min Scan# 345
Delta R.T. -0.00 min
Lab File: VU026905.D
Acq: 19 Sep 2018 18:29

Tgt Ion: 96 Resp: 210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 121.1 | 133.0 | 199.6# |
| 98 | 66.8 | 51.3 | 76.9 |



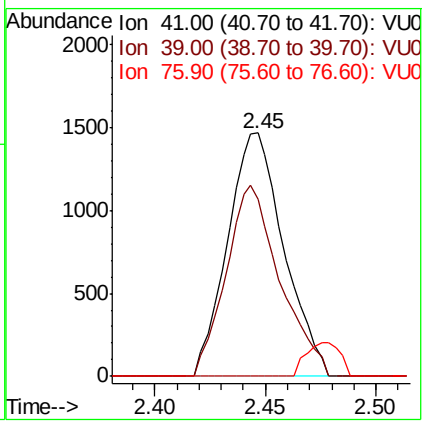


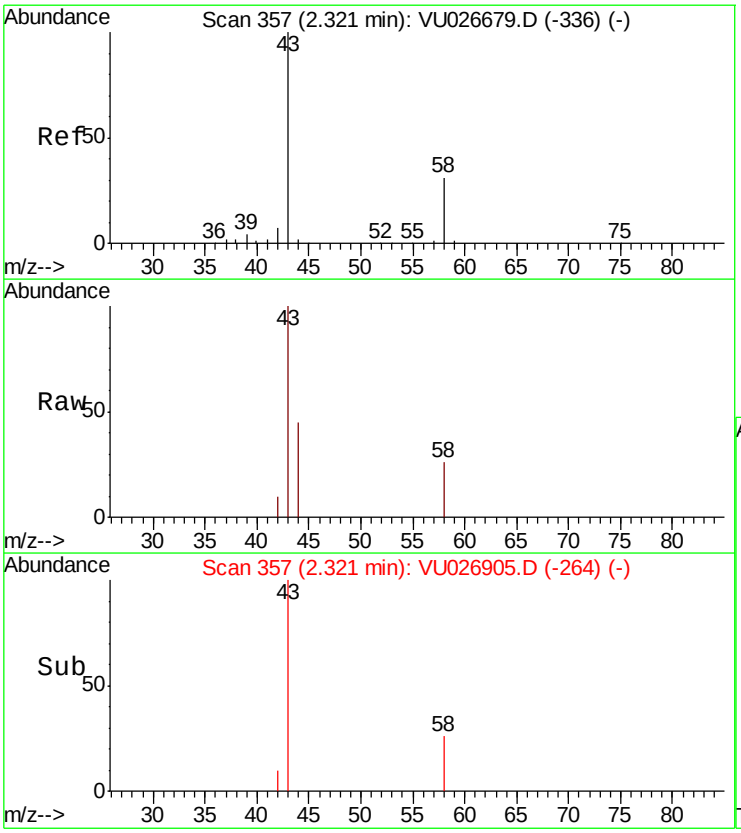

#14
Allyl chloride
Concen: 1.538 ug/l
RT: 2.45 min Scan# 396
Delta R.T. -0.14 min
Lab File: VU026905.D
Acq: 19 Sep 2018 18:29

**Instrument :**
MSVOA_U
**ClientSampleId :**
BPS1-TT-MW302D-20180913

Tgt Ion: 41 Resp: 2592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 75.3 | 56.9 | 85.3 |
| 76 | 0.0 | 29.7 | 44.5# |

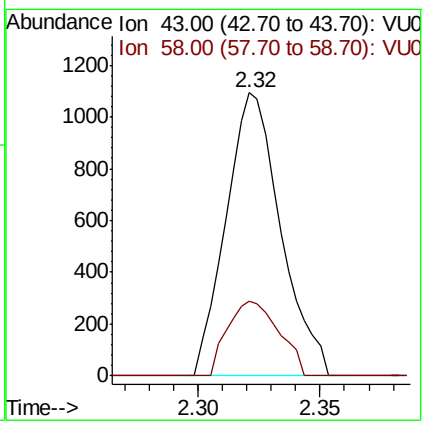


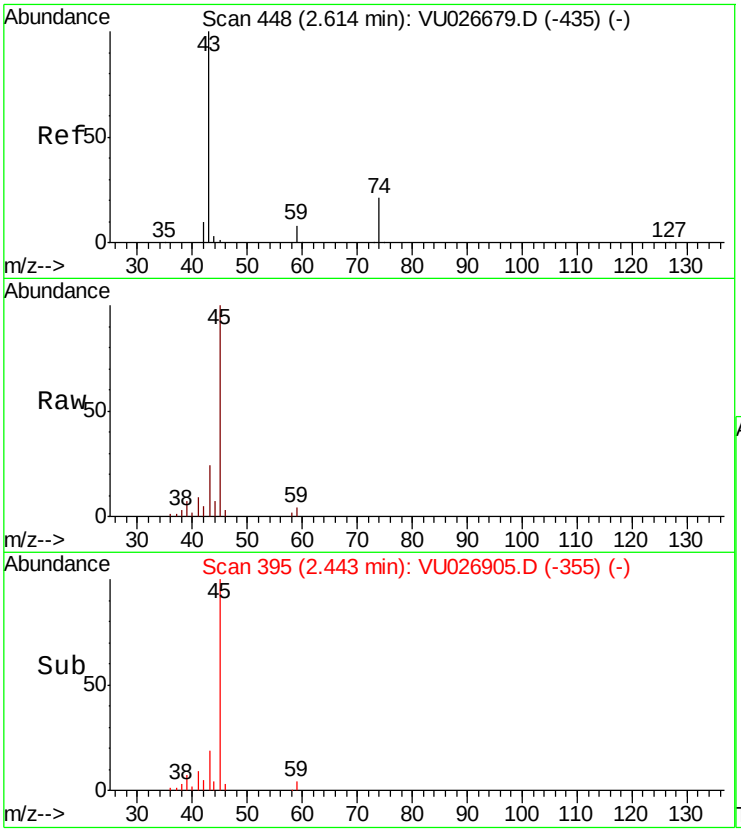




#16
Acetone
Concen: 2.426 ug/l
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU026905.D
Acq: 19 Sep 2018 18:29

Tgt Ion: 43 Resp: 1699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 26.3 | 25.1 | 37.7 |



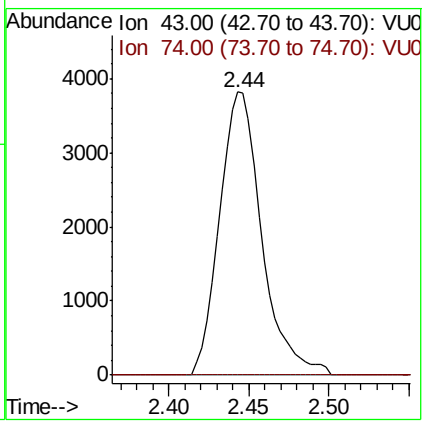


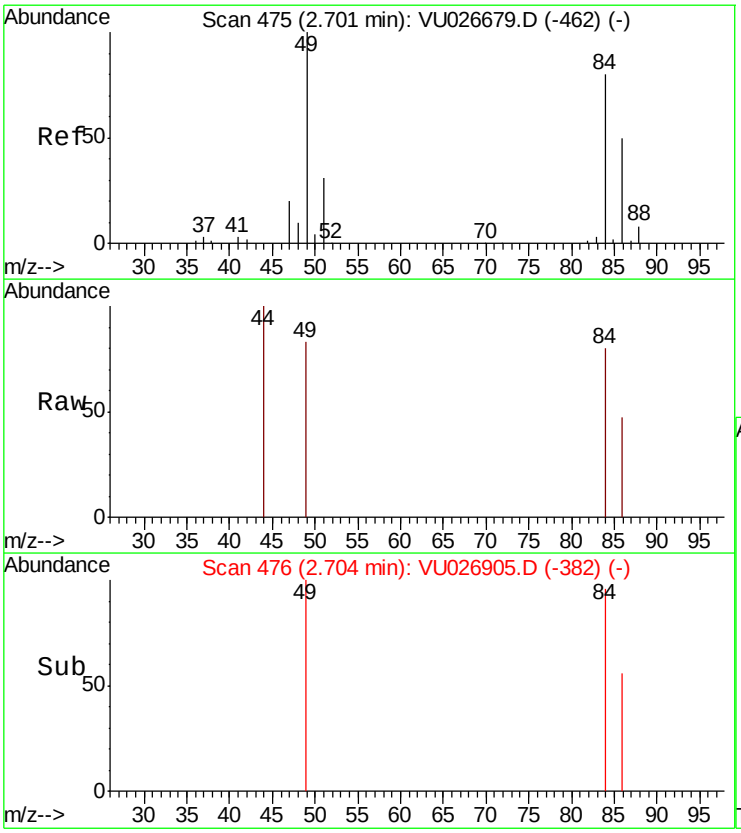

#18
Methyl Acetate
Concen: 4.559 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.17 min
Lab File: VU026905.D
Acq: 19 Sep 2018 18:29

**Instrument :**
MSVOA_U
**ClientSampleId :**
BPS1-TT-MW302D-20180913

Tgt Ion: 43 Resp: 6887

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

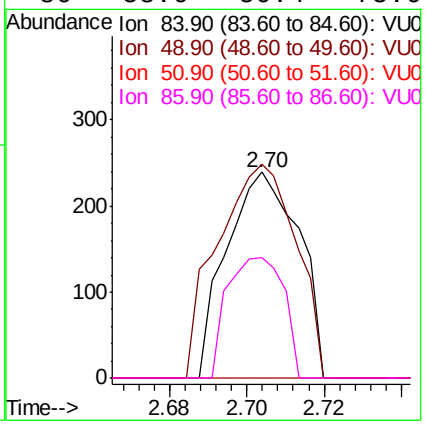


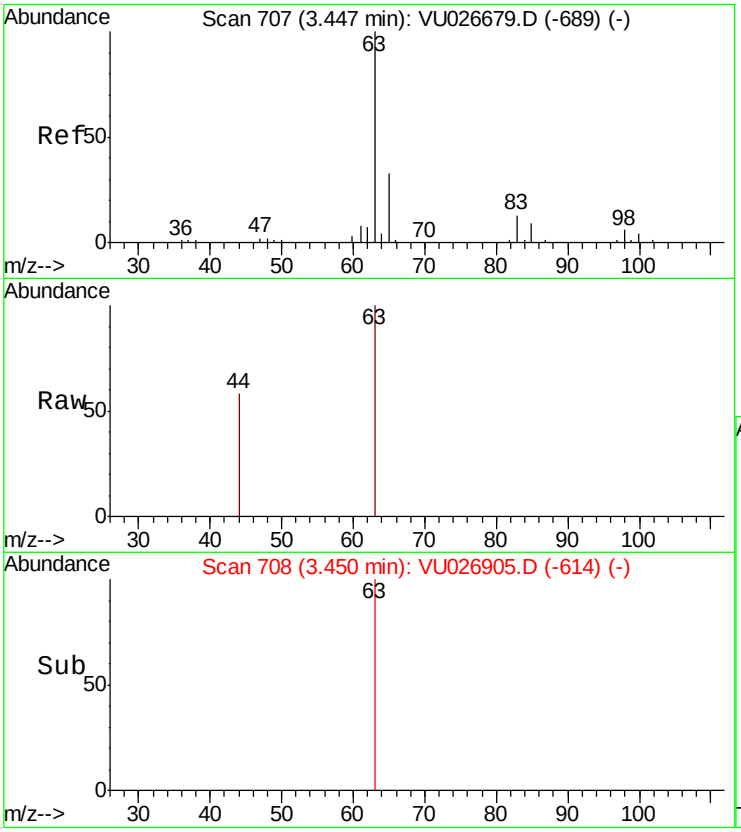




#20
Methylene Chloride
Concen: 0.274 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU026905.D
Acq: 19 Sep 2018 18:29

Tgt Ion: 84 Resp: 311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 103.8 | 100.6 | 151.0 |
| 51 | 0.0 | 30.9 | 46.3# |
| 86 | 58.6 | 50.4 | 75.6 |



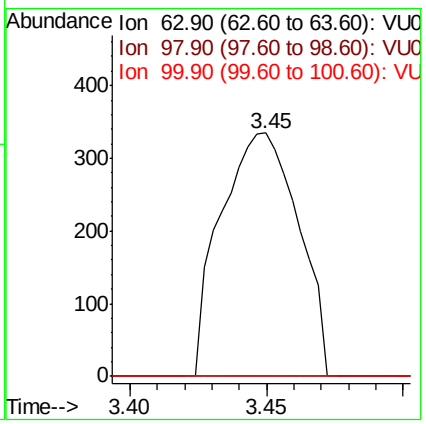


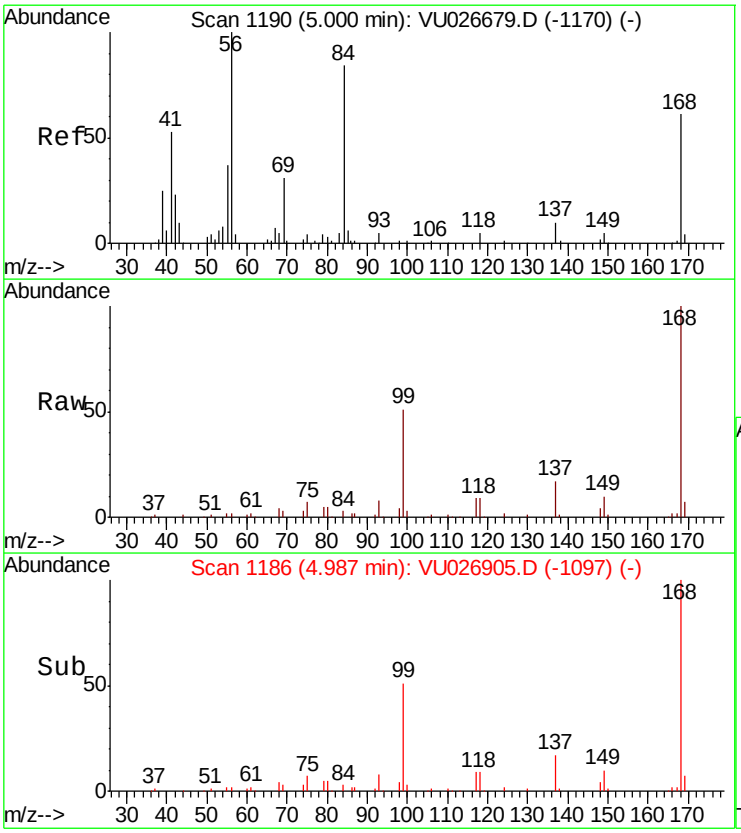

#24
1,1-Dichloroethane
Concen: 0.333 ug/l
RT: 3.45 min Scan# 708
Delta R.T. 0.00 min
Lab File: VU026905.D
Acq: 19 Sep 2018 18:29

**Instrument :**
MSVOA_U
**ClientSampleId :**
BPS1-TT-MW302D-20180913

Tgt Ion: 63 Resp: 660

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

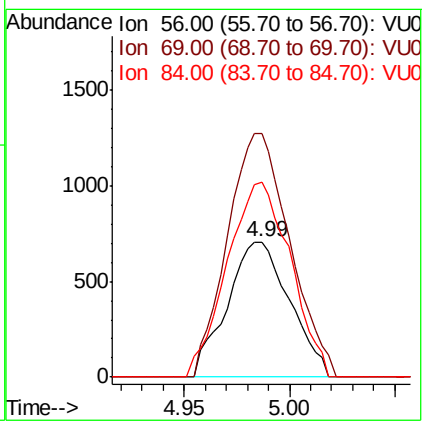


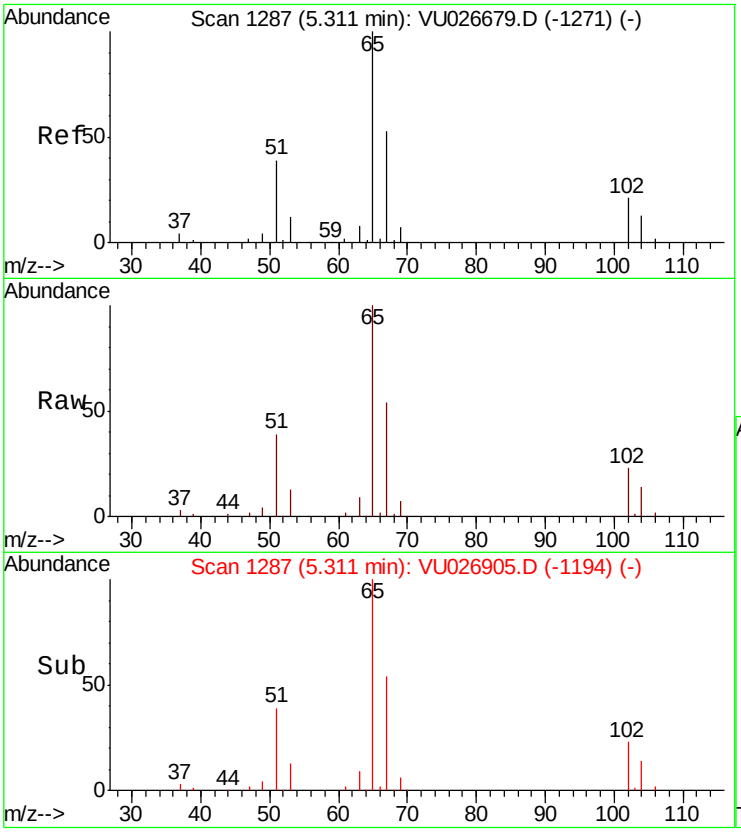




#31
Cyclohexane
Concen: 0.623 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU026905.D
Acq: 19 Sep 2018 18:29

Tgt Ion: 56 Resp: 1455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 180.0 | 24.9 | 37.3# |
| 84 | 144.8 | 66.6 | 100.0# |



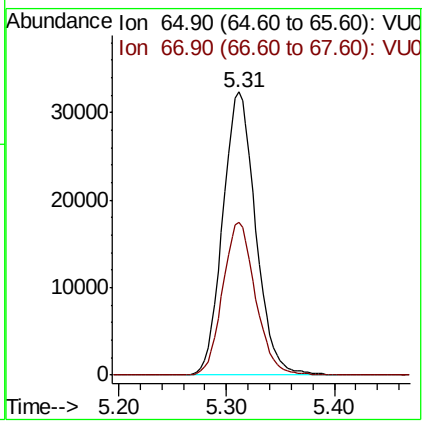


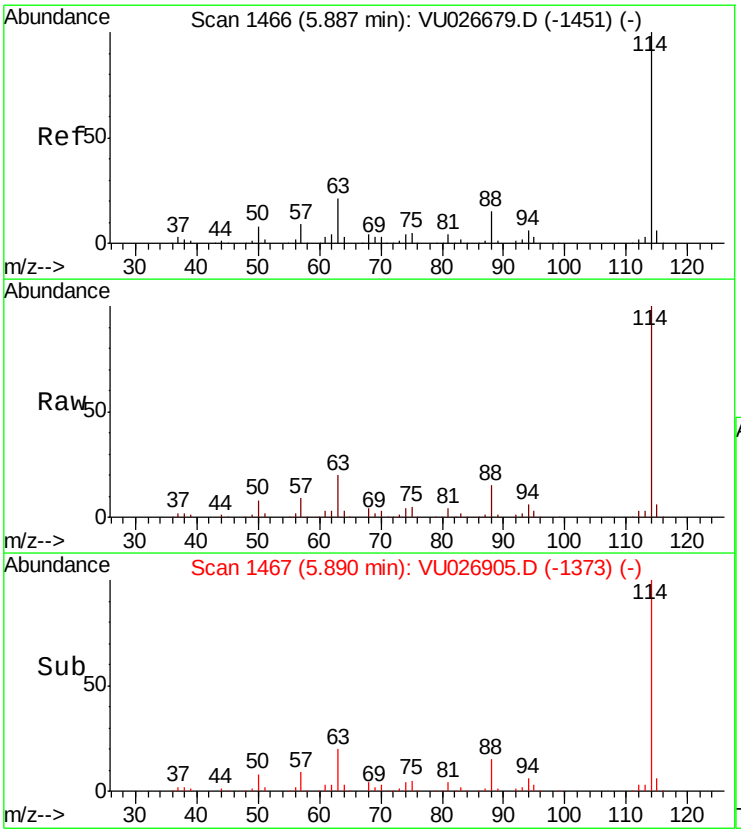

#33
1,2-Dichloroethane-d4
Concen: 55.526 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VU026905.D
Acq: 19 Sep 2018 18:29

**Instrument :**
MSVOA_U
**ClientSampleId :**
BPS1-TT-MW302D-20180913

Tgt Ion: 65 Resp: 68671

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

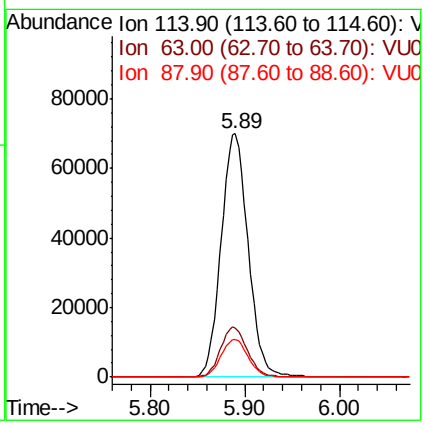


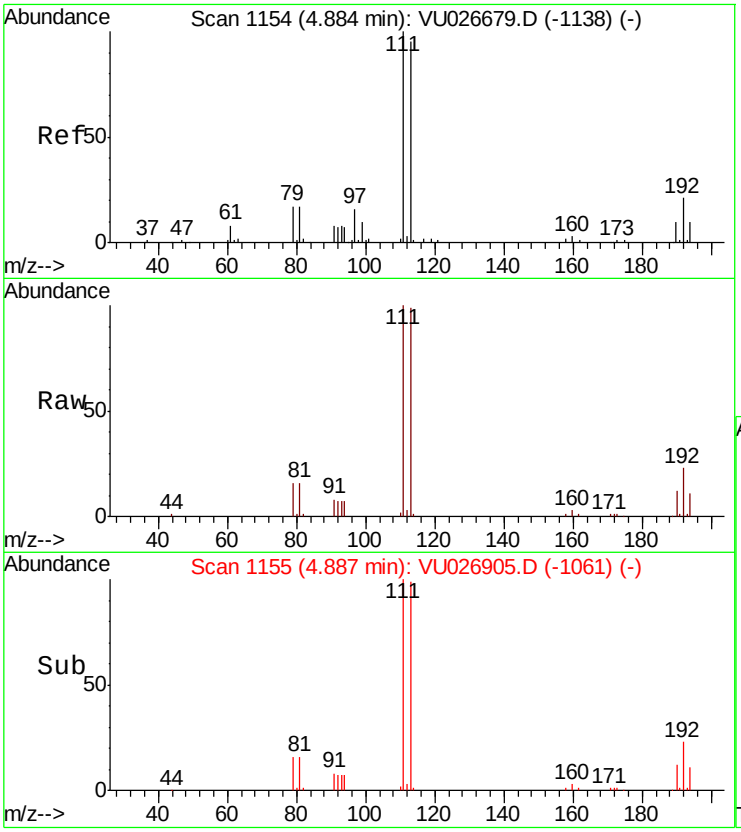




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1467
Delta R.T. 0.00 min
Lab File: VU026905.D
Acq: 19 Sep 2018 18:29

Tgt Ion:114 Resp: 139068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.1 | 0.0 | 41.4 |
| 88 | 15.3 | 0.0 | 30.8 |



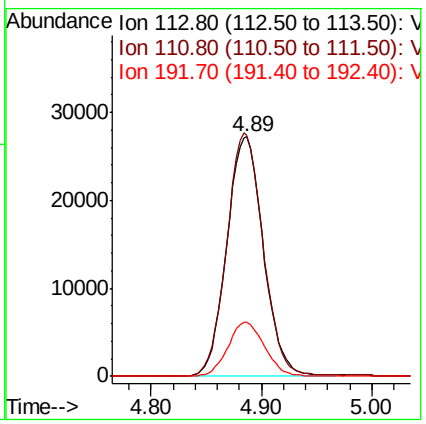


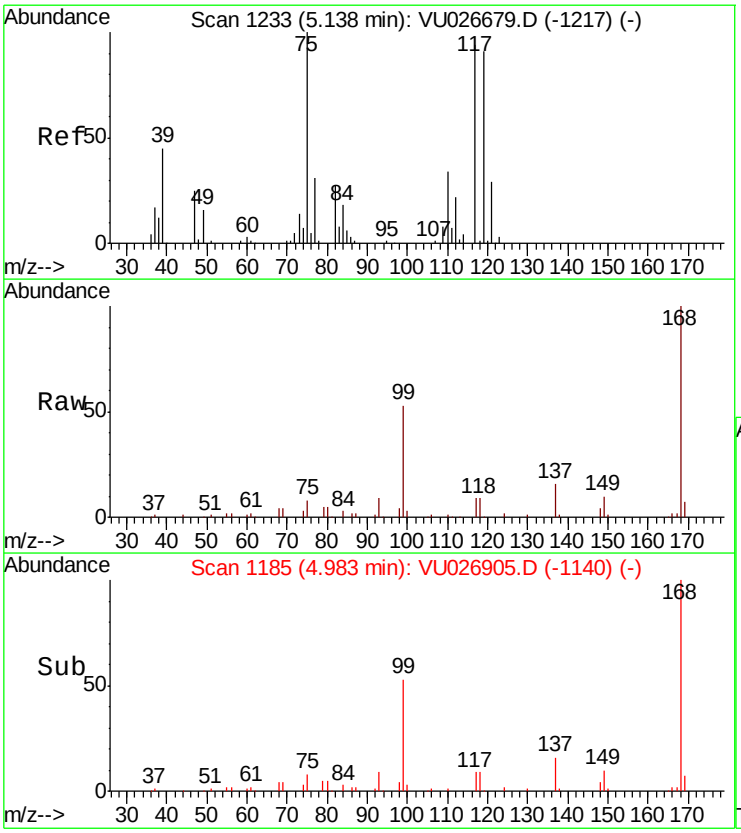

#35
Dibromofluoromethane
Concen: 55.117 ug/l
RT: 4.89 min Scan# 1155
Delta R.T. 0.00 min
Lab File: VU026905.D
Acq: 19 Sep 2018 18:29

**Instrument :**
MSVOA_U
**ClientSampleId :**
BPS1-TT-MW302D-20180913

Tgt Ion:113 Resp: 62523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.0 | 83.1 | 124.7 |
| 192 | 22.6 | 17.4 | 26.2 |

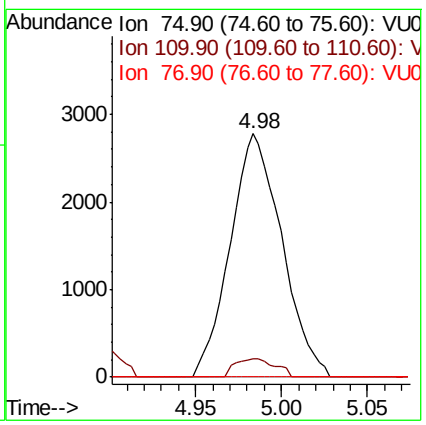


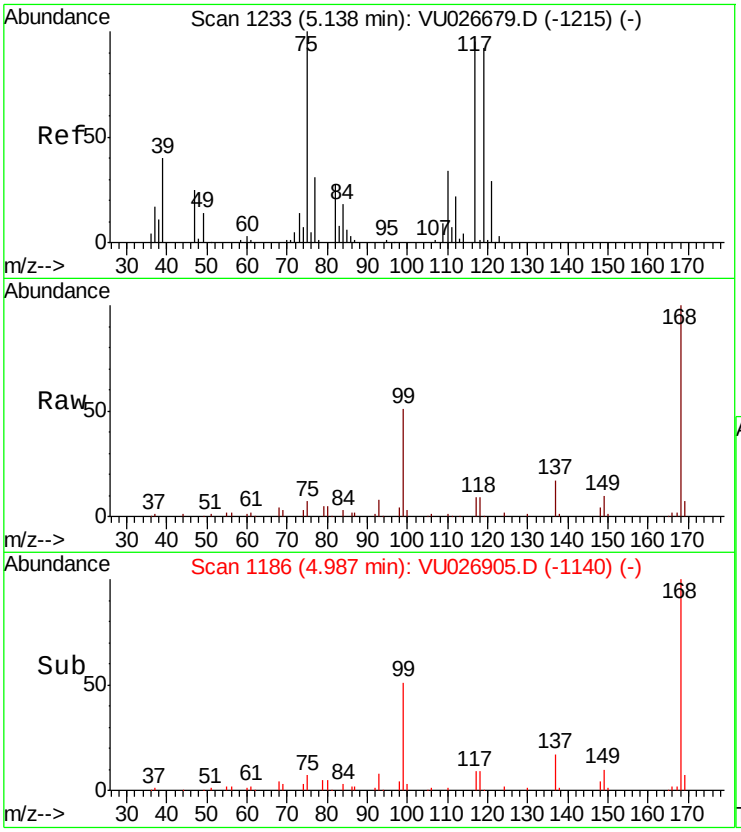




#36
1,1-Dichloropropene
Concen: 3.706 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU026905.D
Acq: 19 Sep 2018 18:29

Tgt Ion: 75 Resp: 5786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 5.9 | 17.3 | 51.9# |
| 77 | 0.0 | 24.9 | 37.3# |



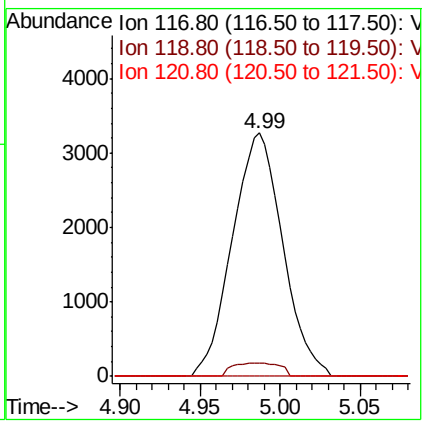


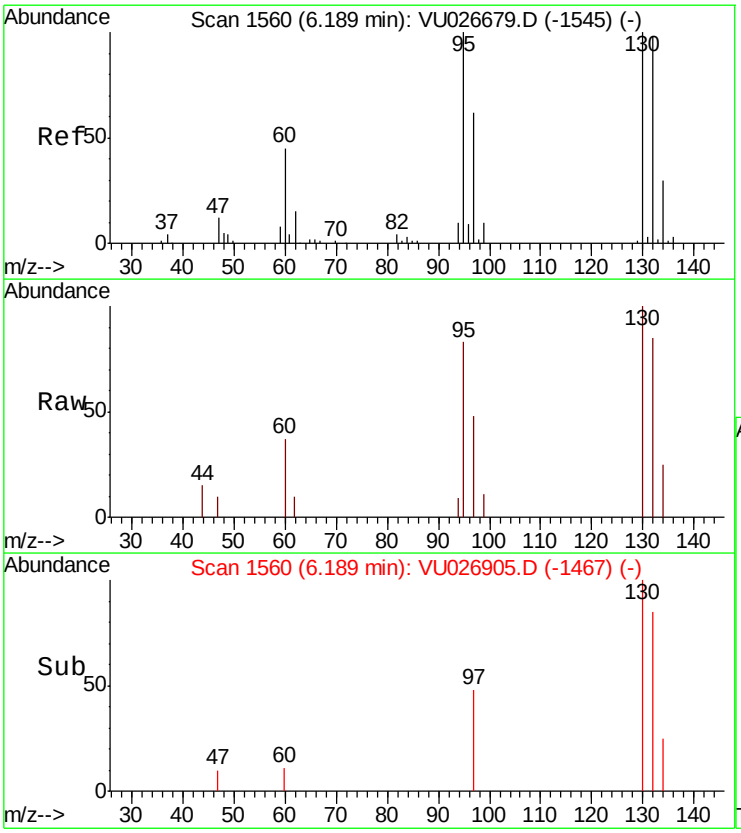

#38
Carbon Tetrachloride
Concen: 4.274 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU026905.D
Acq: 19 Sep 2018 18:29

**Instrument :**
MSVOA_U
**ClientSampleId :**
BPS1-TT-MW302D-20180913

Tgt Ion:117 Resp: 7051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 5.3 | 77.8 | 116.8# |
| 121 | 0.0 | 25.0 | 37.4# |

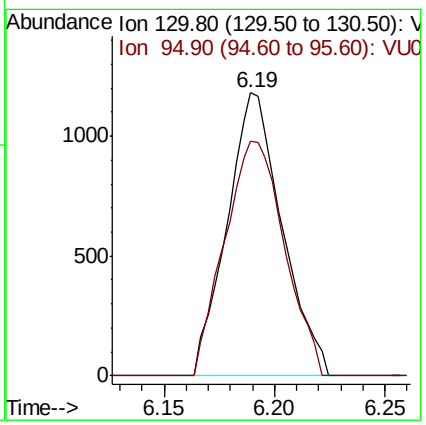


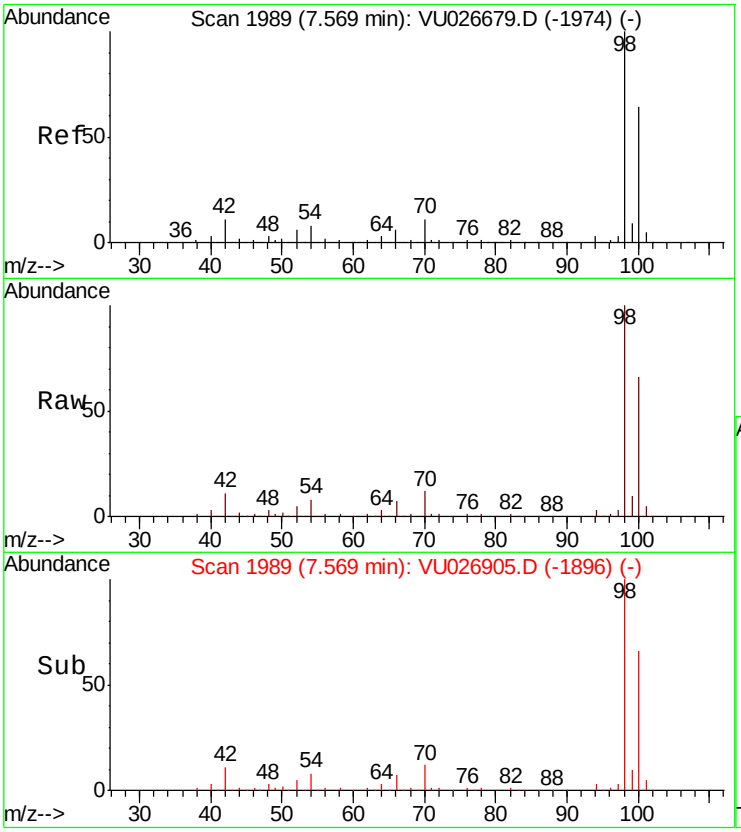




#44
Trichloroethene
Concen: 1.697 ug/l
RT: 6.19 min Scan# 1560
Delta R.T. -0.00 min
Lab File: VU026905.D
Acq: 19 Sep 2018 18:29

Tgt Ion:130 Resp: 2037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 82.9 | 0.0 | 199.4 |



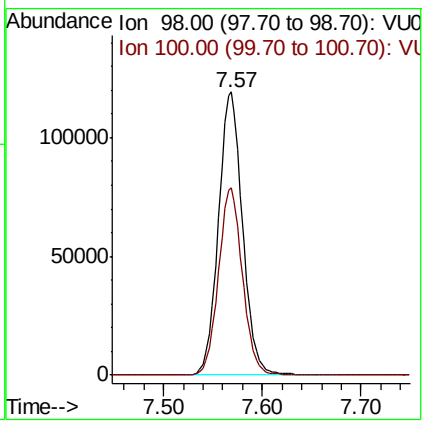


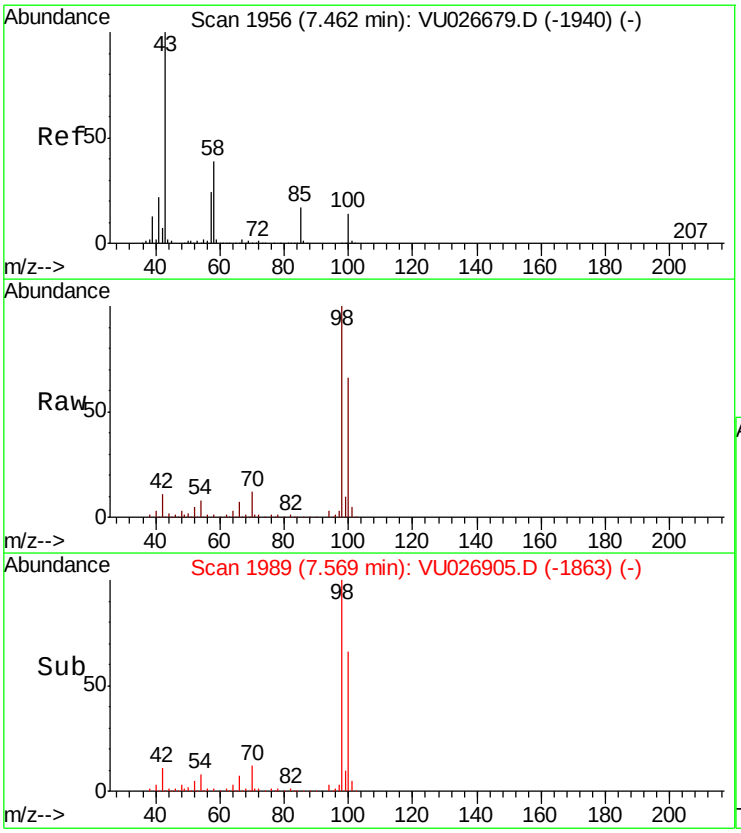

#50
Toluene-d8
Concen: 48.787 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. -0.00 min
Lab File: VU026905.D
Acq: 19 Sep 2018 18:29

**Instrument :**
MSVOA_U
**ClientSampleId :**
BPS1-TT-MW302D-20180913

Tgt Ion: 98 Resp: 204688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.7 | 51.2 | 76.8 |

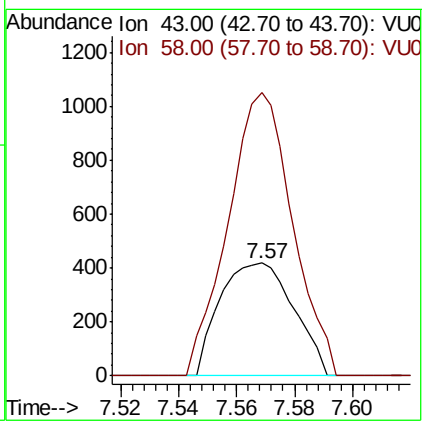


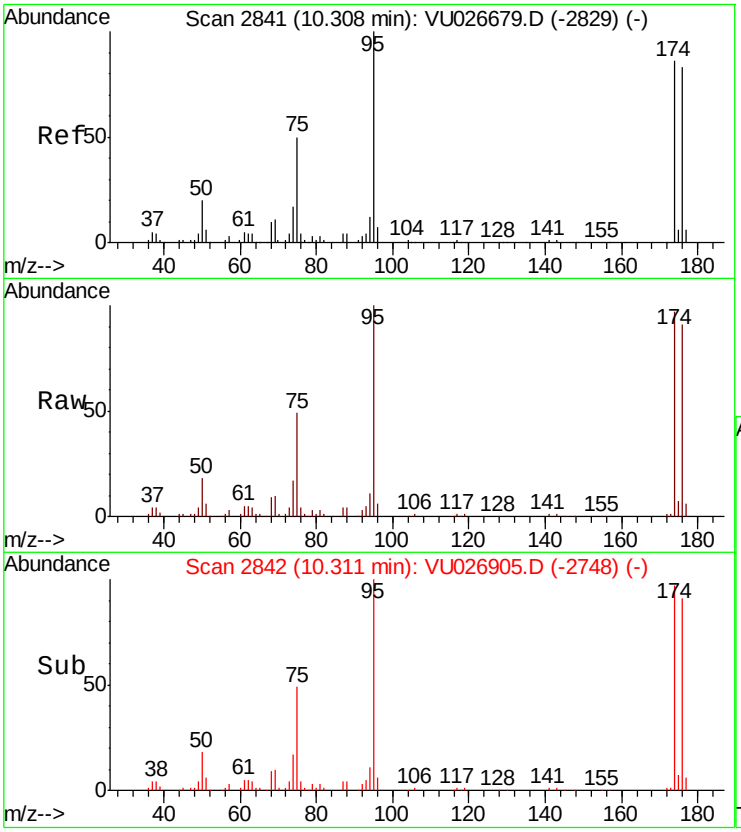




#51
4-Methyl-2-Pentanone
Concen: 0.386 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.11 min
Lab File: VU026905.D
Acq: 19 Sep 2018 18:29

Tgt Ion: 43 Resp: 738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 219.9 | 31.1 | 46.7# |



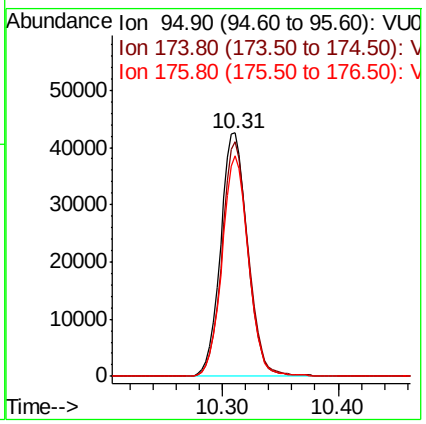


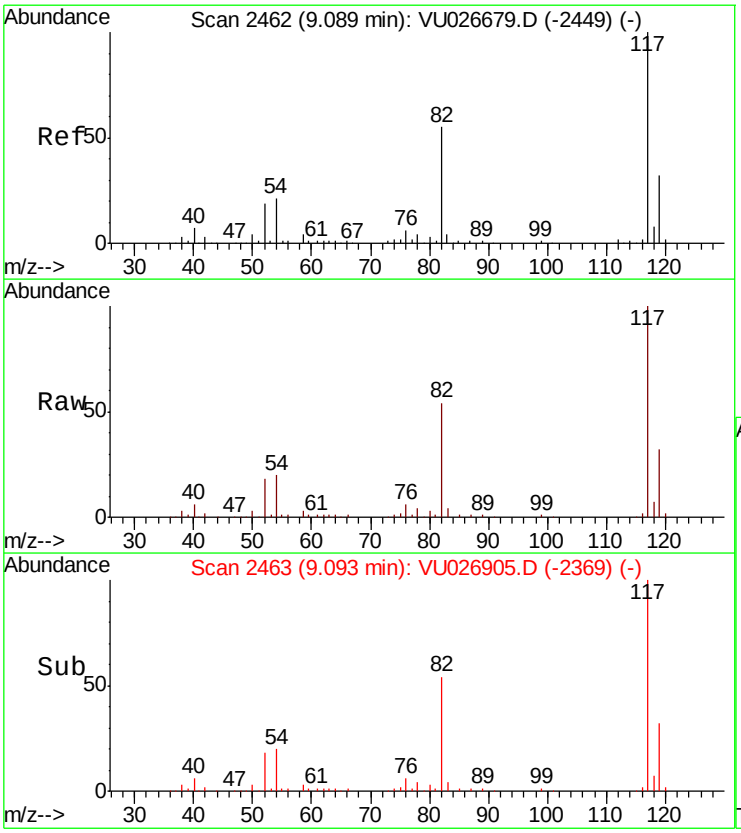

#62
4-Bromofluorobenzene
Concen: 45.155 ug/l
RT: 10.31 min Scan# 2842
Delta R.T. 0.00 min
Lab File: VU026905.D
Acq: 19 Sep 2018 18:29

**Instrument :**
MSVOA_U
**ClientSampleId :**
BPS1-TT-MW302D-20180913

Tgt Ion: 95 Resp: 68663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 94.0 | 0.0 | 172.8 |
| 176 | 88.2 | 0.0 | 168.6 |

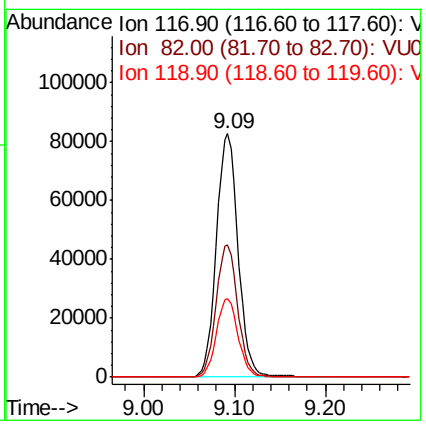


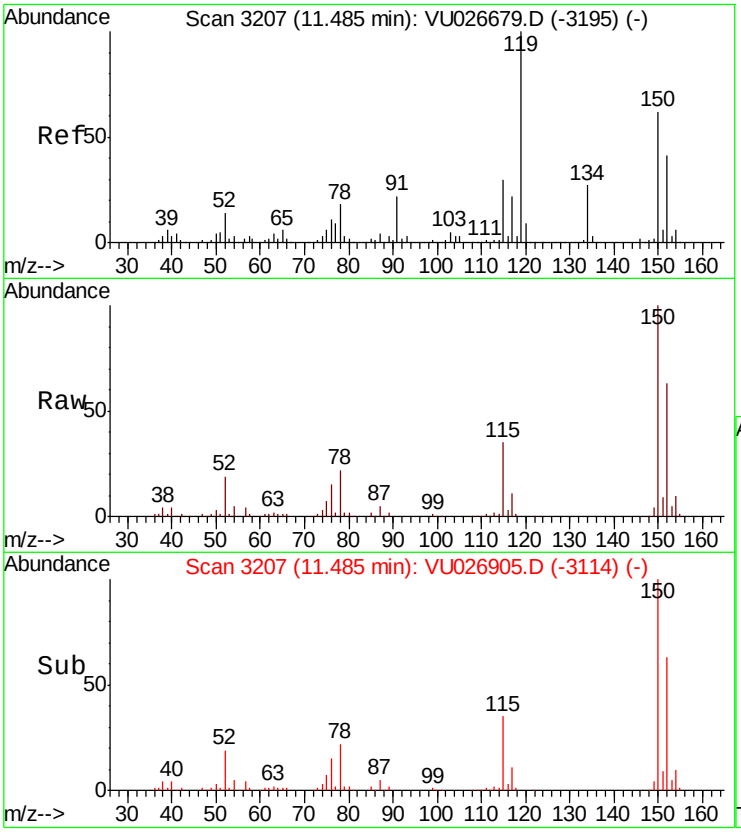




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU026905.D
Acq: 19 Sep 2018 18:29

Tgt Ion:117 Resp: 136919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.3 | 44.1 | 66.1 |
| 119 | 32.2 | 25.7 | 38.5 |



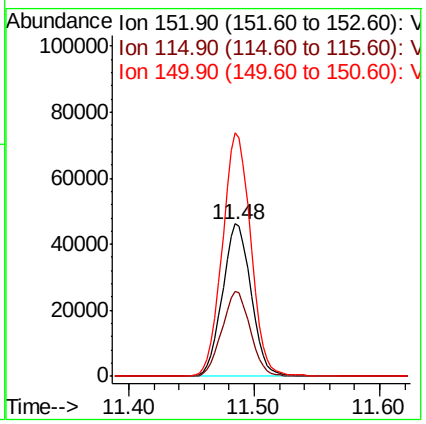


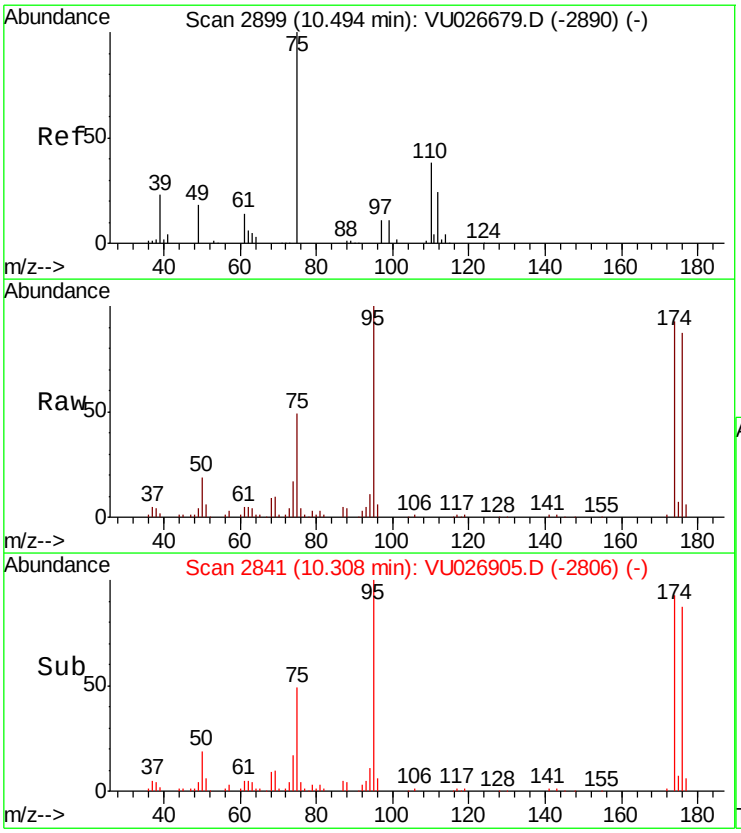

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU026905.D
Acq: 19 Sep 2018 18:29

**Instrument :**
MSVOA_U
**ClientSampleId :**
BPS1-TT-MW302D-20180913

Tgt Ion:152 Resp: 73089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 55.0 | 40.4 | 121.1 |
| 150 | 158.2 | 0.0 | 345.2 |

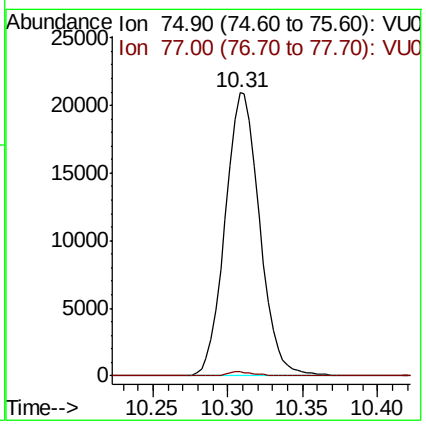


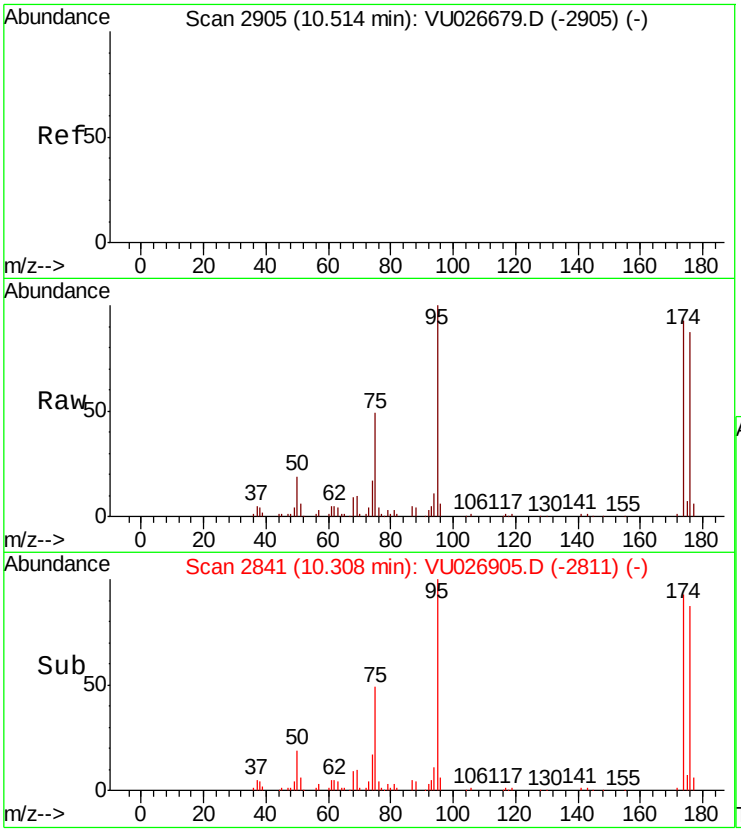




#76
1,2,3-Trichloropropane
Concen: 20.564 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU026905.D
Acq: 19 Sep 2018 18:29

Tgt Ion: 75 Resp: 33668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.0 | 21.1 | 63.1# |






#81
trans-1,4-Dichloro-2-butene
Concen: 63.438 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.21 min
Lab File: VU026905.D
Acq: 19 Sep 2018 18:29

**Instrument :**
MSVOA_U
**ClientSampleId :**
BPS1-TT-MW302D-20180913

Tgt Ion: 75 Resp: 33668

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