Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090319\
Data File : VU034200.D
Acq On : 02 Sep 2019 14:25
Operator : JC/SP
Sample : K4544-34
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** T16-17-C4-(0)

Quant Time: Sep 03 07:11:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration

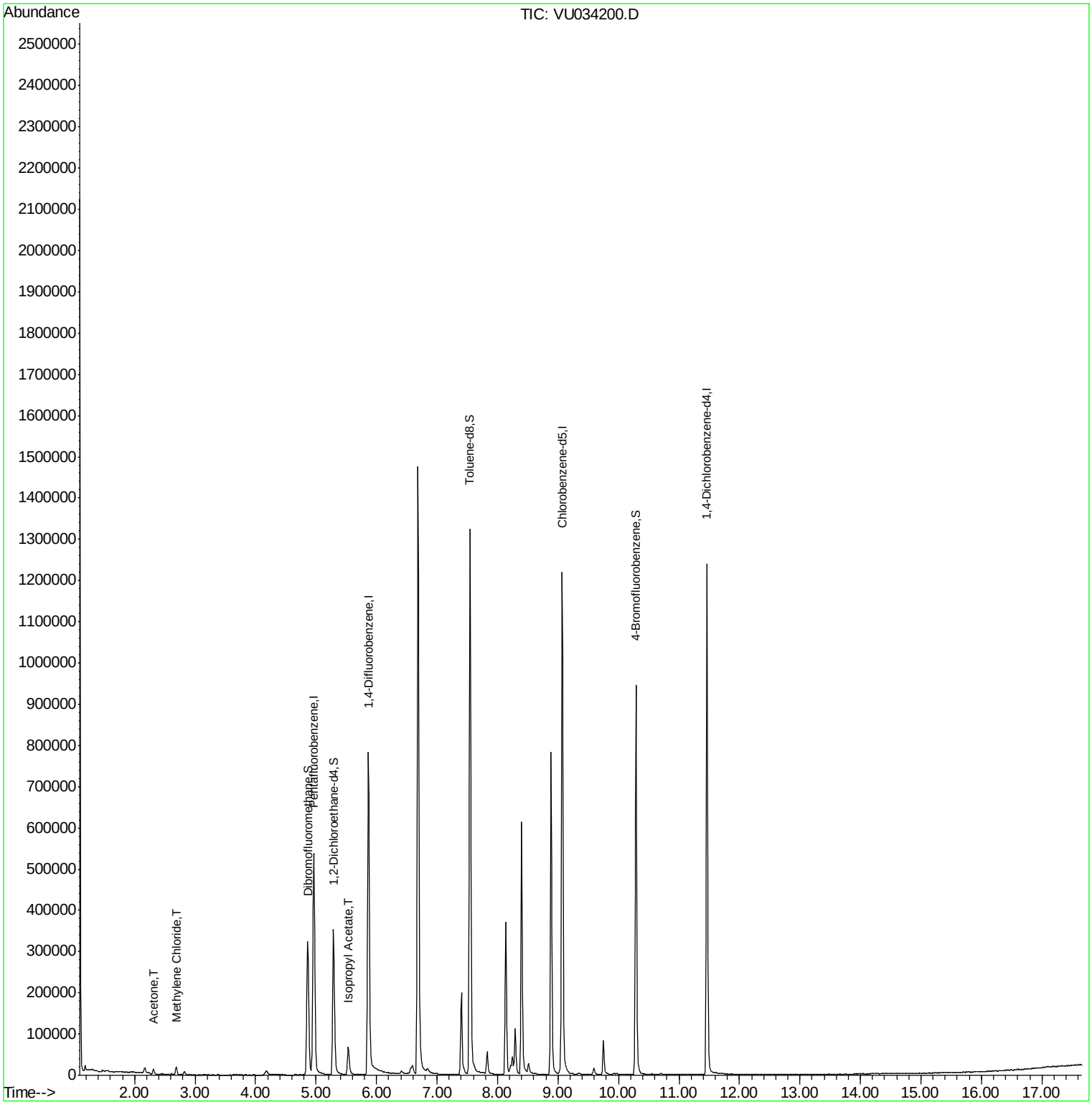
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 4.96 | 168 | 438754 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 5.87 | 114 | 714718 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 9.07 | 117 | 715086 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 11.46 | 152 | 340133 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.29 | 65 | 278683 | 49.57 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 99.14% | | | |
| 35) Dibromofluoromethane | 4.86 | 113 | 236803 | 47.77 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 95.54% | | | |
| 50) Toluene-d8 | 7.55 | 98 | 934461 | 50.34 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.68% | | | |
| 62) 4-Bromofluorobenzene | 10.29 | 95 | 325543 | 45.09 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 90.18% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Acetone | 2.31 | 43 | 14340 | 4.999 | ug/l | 91 |
| 20) Methylene Chloride | 2.69 | 84 | 9048 | 1.666 | ug/l | 92 |
| 43) Isopropyl Acetate | 5.53 | 43 | 81151 | 7.046 | ug/l | 98 |

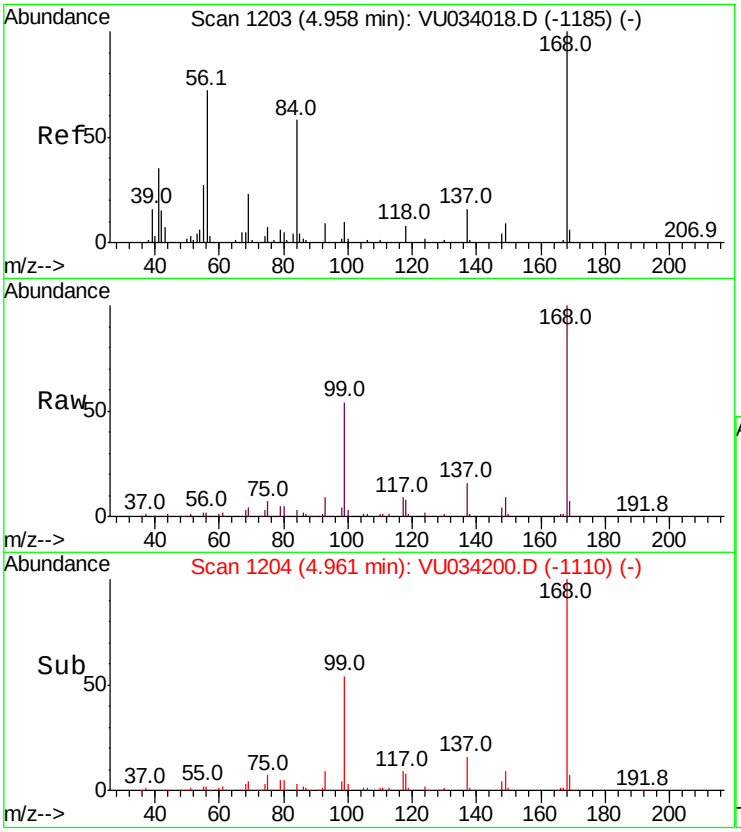
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090319\
Data File : VU034200.D
Acq On : 02 Sep 2019 14:25
Operator : JC/SP
Sample : K4544-34
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
T16-17-C4-(0)

Quant Time: Sep 03 07:11:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration



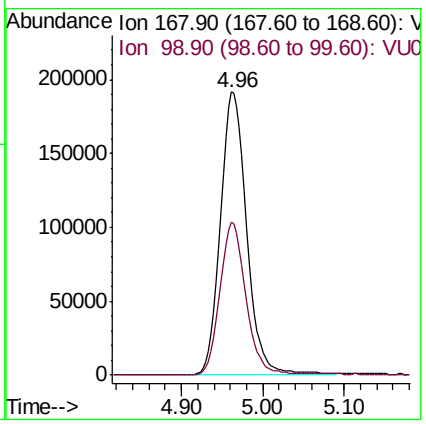


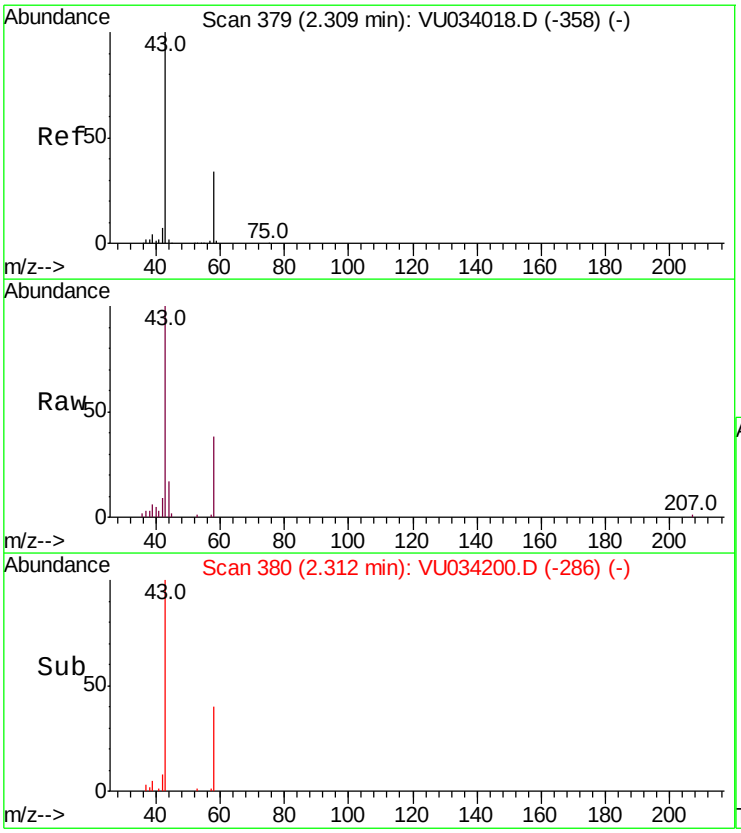

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. 0.00 min
Lab File: VU034200.D
Acq: 02 Sep 2019 14:25

**Instrument :**
MSVOA_U
**ClientSampleId :**
T16-17-C4-(0)

Tgt Ion:168 Resp: 438754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 53.9 | 42.3 | 63.5 |

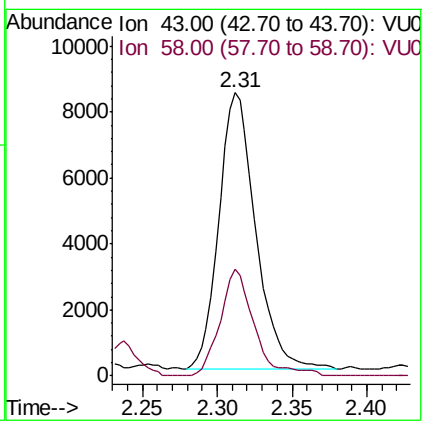


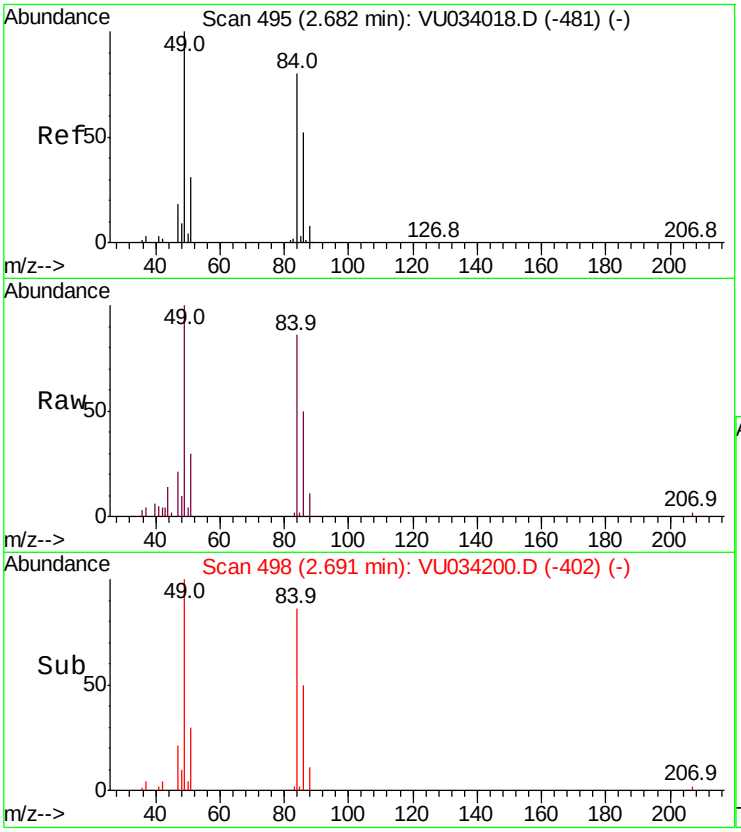




#16
Acetone
Concen: 4.999 ug/l
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VU034200.D
Acq: 02 Sep 2019 14:25

Tgt Ion: 43 Resp: 14340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.6 | 26.8 | 40.2 |



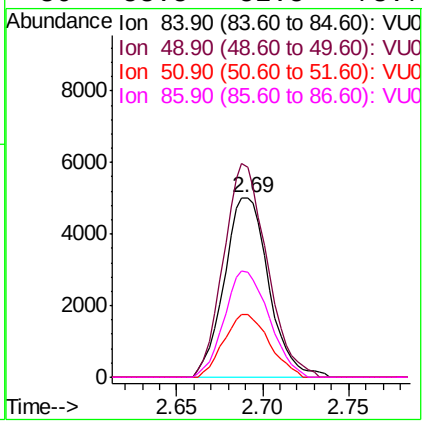


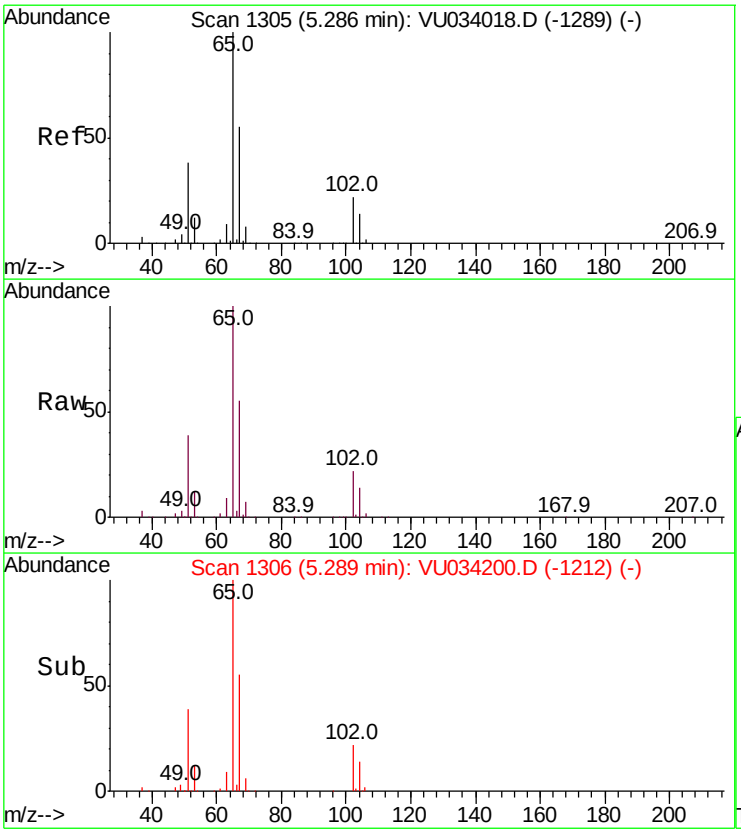

#20
Methylene Chloride
Concen: 1.666 ug/l
RT: 2.69 min Scan# 498
Delta R.T. 0.01 min
Lab File: VU034200.D
Acq: 02 Sep 2019 14:25

**Instrument :** MSVOA_U
**ClientSampleId :** T16-17-C4-(0)

Tgt Ion: 84 Resp: 9048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 116.9 | 100.2 | 150.4 |
| 51 | 34.6 | 30.8 | 46.2 |
| 86 | 58.5 | 52.5 | 78.7 |

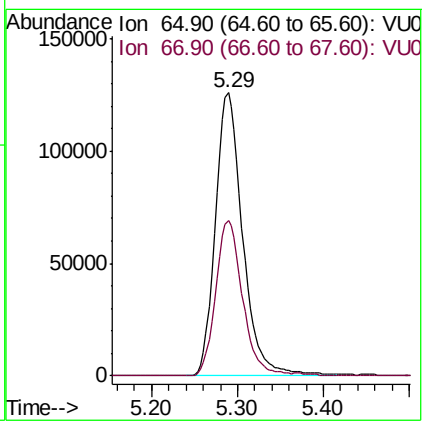


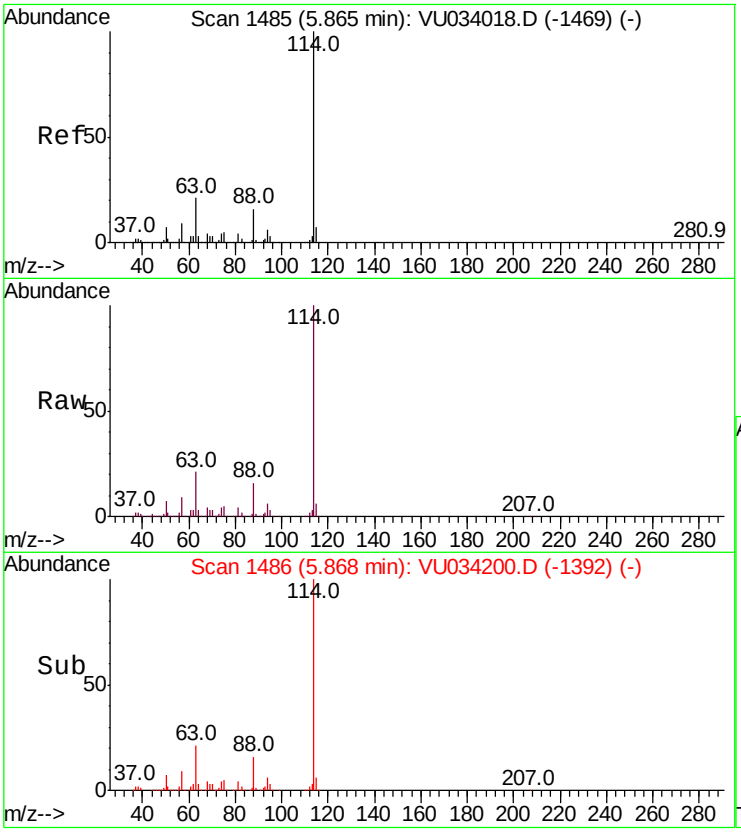




#33
1,2-Dichloroethane-d4
Concen: 49.571 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034200.D
Acq: 02 Sep 2019 14:25

Tgt Ion: 65 Resp: 278683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.8 | 0.0 | 110.6 |



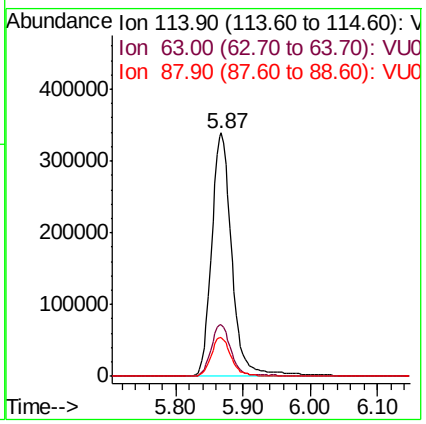


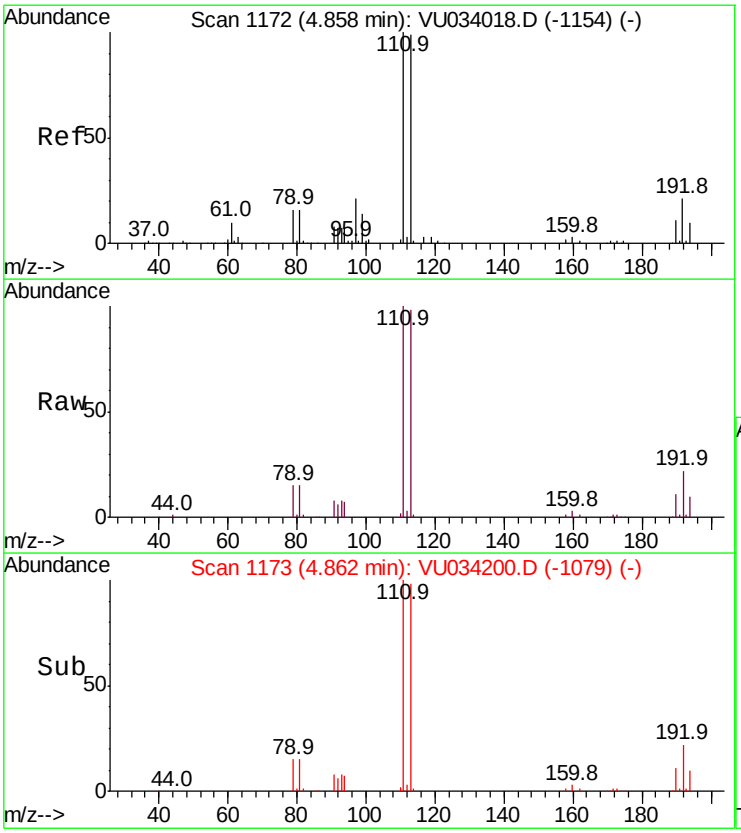

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.87 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VU034200.D
Acq: 02 Sep 2019 14:25

**Instrument :**
MSVOA_U
**ClientSampleId :**
T16-17-C4-(0)

Tgt Ion:114 Resp: 714718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.0 | 0.0 | 42.0 |
| 88 | 16.0 | 0.0 | 32.0 |

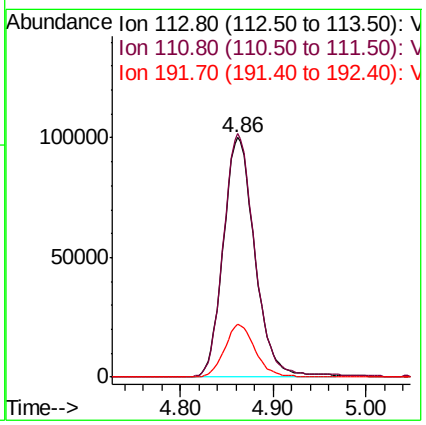


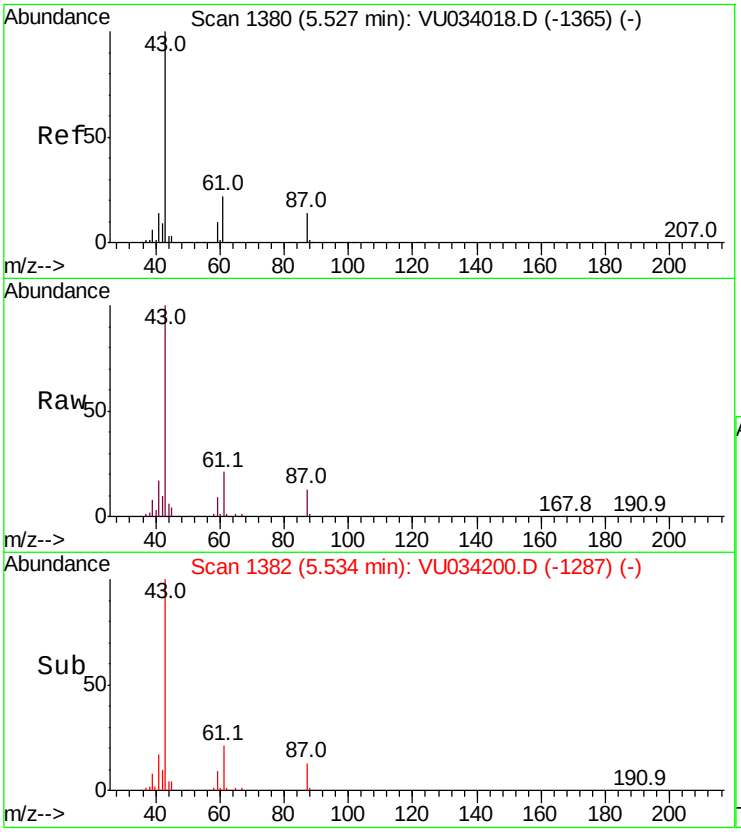




#35
Dibromofluoromethane
Concen: 47.769 ug/l
RT: 4.86 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU034200.D
Acq: 02 Sep 2019 14:25

Tgt Ion:113 Resp: 236803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 100.7 | 81.7 | 122.5 |
| 192 | 21.3 | 17.1 | 25.7 |



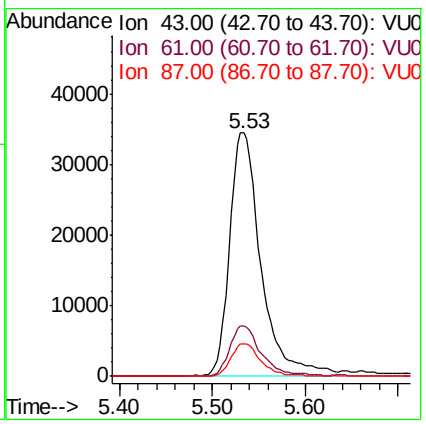


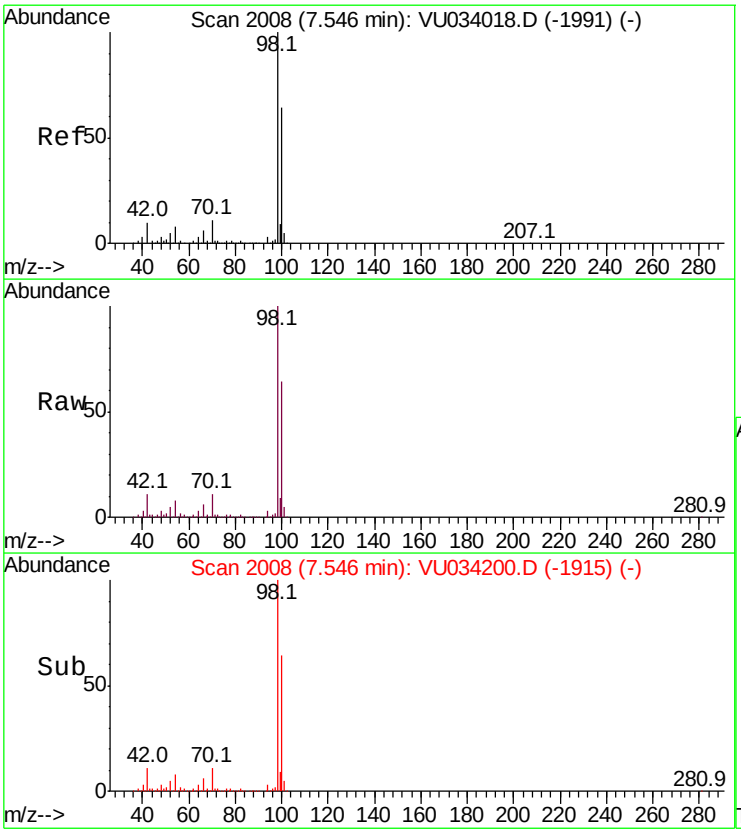

#43
Isopropyl Acetate
Concen: 7.046 ug/l
RT: 5.53 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VU034200.D
Acq: 02 Sep 2019 14:25

**Instrument :**
MSVOA_U
**ClientSampleId :**
T16-17-C4-(0)

Tgt Ion: 43 Resp: 81151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 20.3 | 17.2 | 25.8 |
| 87 | 12.6 | 10.8 | 16.2 |

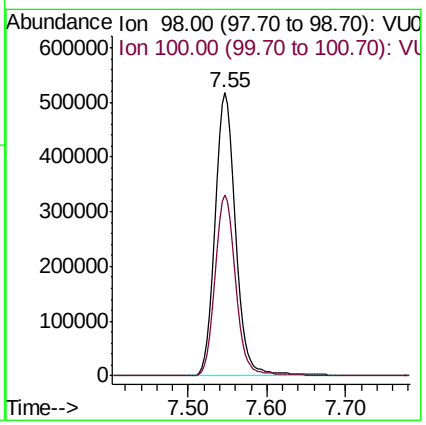


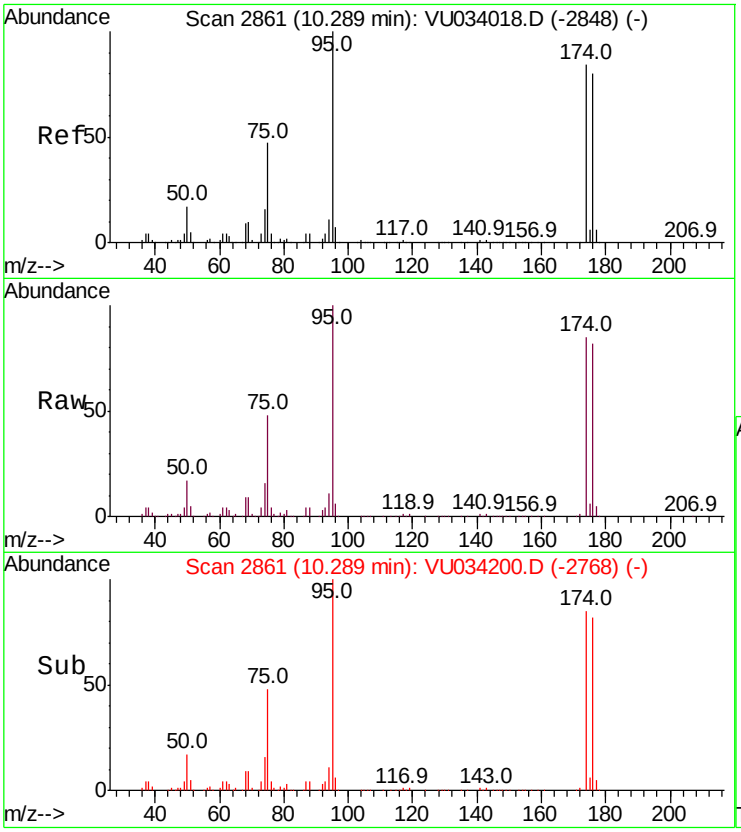




#50
Toluene-d8
Concen: 50.344 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VU034200.D
Acq: 02 Sep 2019 14:25

Tgt Ion: 98 Resp: 934461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.2 | 50.3 | 75.5 |



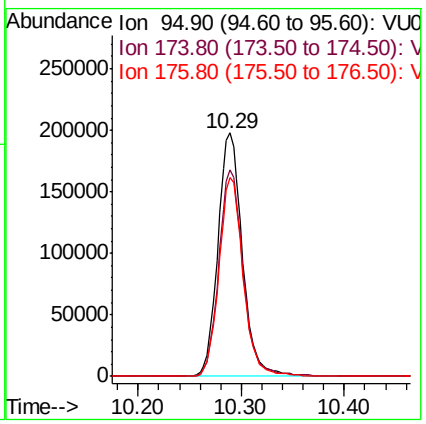


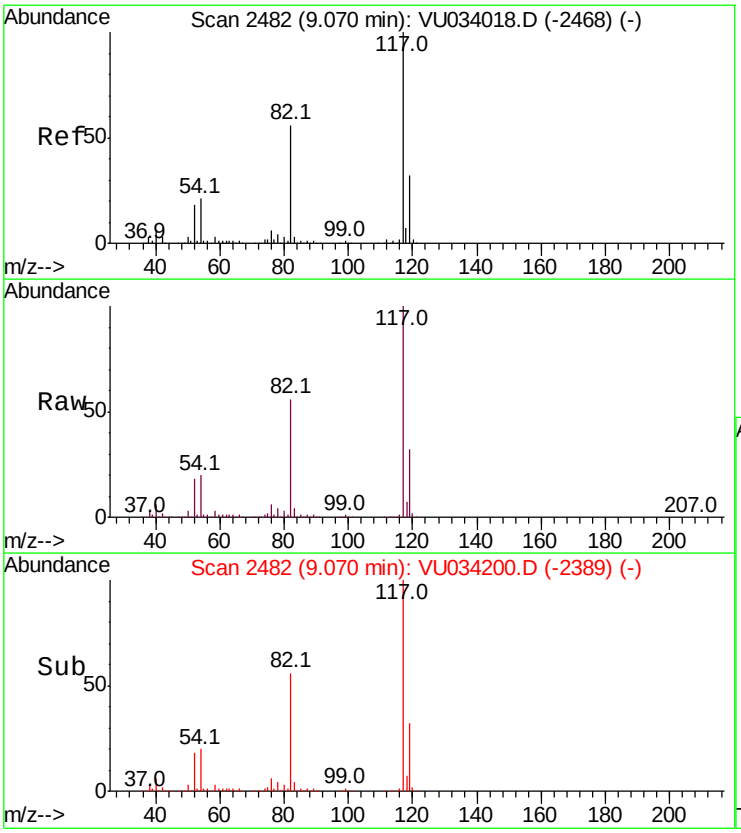

#62
4-Bromofluorobenzene
Concen: 45.087 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.00 min
Lab File: VU034200.D
Acq: 02 Sep 2019 14:25

**Instrument :** MSVOA_U
**ClientSampleId :** T16-17-C4-(0)

Tgt Ion: 95 Resp: 325543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 84.9 | 0.0 | 168.8 |
| 176 | 80.8 | 0.0 | 161.8 |

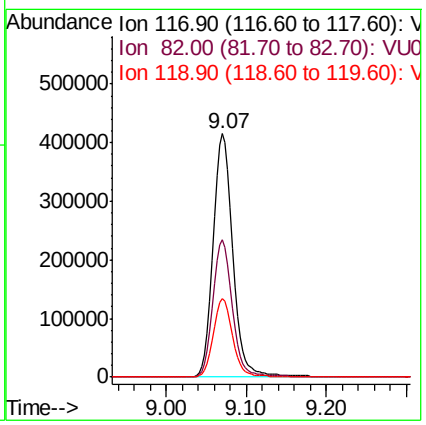


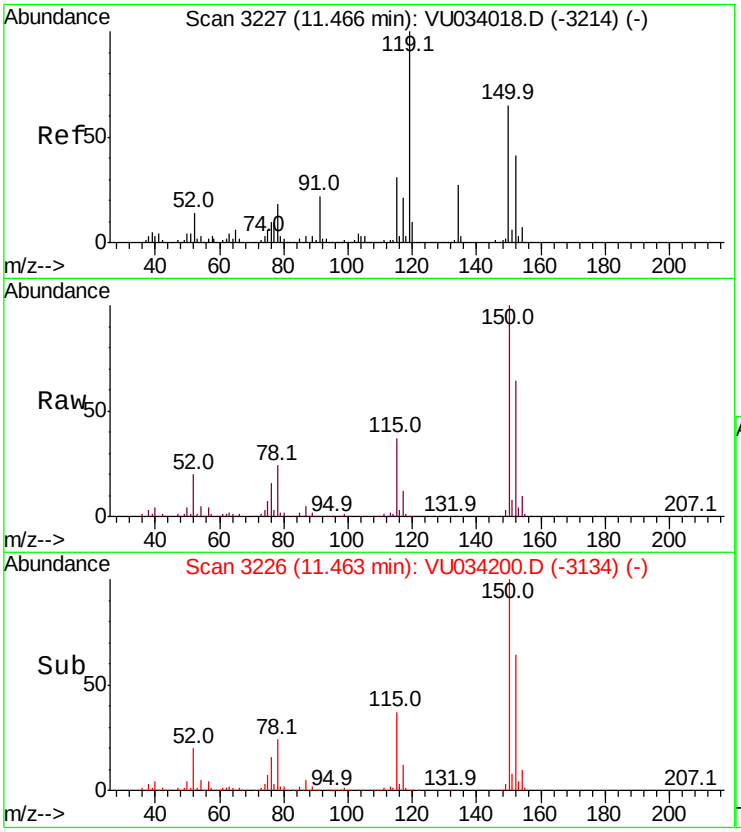




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034200.D
Acq: 02 Sep 2019 14:25

Tgt Ion:117 Resp: 715086

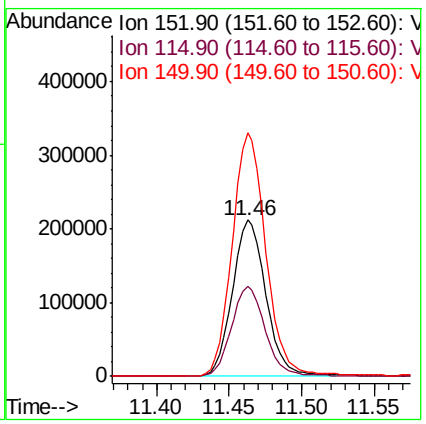
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 56.2 | 45.1 | 67.7 |
| 119 | 32.5 | 25.4 | 38.0 |






#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034200.D
Acq: 02 Sep 2019 14:25

**Instrument :**
MSVOA_U
**ClientSampleId :**
T16-17-C4-(0)

Tgt Ion:152 Resp: 340133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 58.2 | 41.1 | 123.3 |
| 150 | 157.1 | 0.0 | 348.8 |