Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121119\

Quantitation Report (Not Reviewed)

Data File : VU036146.D
Acq On : 11 Dec 2019 21:05
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VSTD00509

Quant Time: Dec 12 06:17:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 12 06:08:55 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.29 | 114 | 330302 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.45 | 117 | 337209 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152 | 164138 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.61 | 65 | 184342 | 6.26 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 125.20% | | | |
| 7) Chloroethane-d5 | 1.93 | 69 | 165255 | 5.35 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 107.00% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.59 | 63 | 234188 | 4.35 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 87.00% | | | |
| 20) 2-Butanone-d5 | 4.69 | 46 | 316721 | 63.13 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 126.26% | | | |
| 24) Chloroform-d | 5.11 | 84 | 254036 | 5.31 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 106.20% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.75 | 65 | 126279 | 5.10 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 102.00% | | | |
| 32) Benzene-d6 | 5.77 | 84 | 499979 | 5.86 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 117.20% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.73 | 67 | 151252 | 5.88 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 117.60% | | | |
| 41) Toluene-d8 | 7.93 | 98 | 477964 | 6.07 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 121.40% | | | |
| 43) trans-1,3-Dichloropropene- | 8.21 | 79 | 62072 | 5.79 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 115.80% | | | |
| 46) 2-Hexanone-d5 | 8.67 | 63 | 270027 | 69.56 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 139.12%# | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78 | 84 | 140171 | 5.92 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 118.40% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.22 | 152 | 164779 | 5.22 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 104.40% | | | |

| Target Compounds | | | | | | Qvalue |
|---|---|---|---|---|---|---|
| 2) Dichlorodifluoromethane | 1.39 | 85 | 152844 | 4.707 | ug/L | 99 |
| 3) Chloromethane | 1.54 | 50 | 189304 | 5.971 | ug/L | 100 |
| 5) Vinyl chloride | 1.62 | 62 | 202876 | 6.134 | ug/L | 98 |
| 6) Bromomethane | 1.87 | 94 | 120391 | 4.530 | ug/L | 98 |
| 8) Chloroethane | 1.95 | 64 | 127556 | 5.069 | ug/L | 96 |
| 9) Trichlorofluoromethane | 2.15 | 101 | 255983 | 4.445 | ug/L | 98 |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.60 | 101 | 125167 | 3.917 | ug/L | 97 |
| 12) 1,1-Dichloroethene | 2.60 | 96 | 113807 | 3.960 | ug/L # | 80 |
| 13) Acetone | 2.68 | 43 | 218927 | 34.378 | ug/L | 100 |
| 14) Carbon disulfide | 2.82 | 76 | 352818 | 4.286 | ug/L | 98 |
| 15) Methyl Acetate | 3.00 | 43 | 54074 | 5.751 | ug/L | 97 |
| 16) Methylene chloride | 3.08 | 84 | 142274 | 4.263 | ug/L | 95 |
| 17) Methyl tert-butyl Ether | 3.42 | 73 | 255381 | 5.162 | ug/L | 98 |
| 18) trans-1,2-Dichloroethene | 3.39 | 96 | 117608 | 4.795 | ug/L | 97 |
| 19) 1,1-Dichloroethane | 3.92 | 63 | 227328 | 5.164 | ug/L | 99 |
| 21) 2-Butanone | 4.77 | 43 | 339345 | 53.239 | ug/L | 98 |
| 22) cis-1,2-Dichloroethene | 4.72 | 96 | 128288 | 4.983 | ug/L | 95 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121119\

Quantitation Report (Not Reviewed)

Data File : VU036146.D
Acq On : 11 Dec 2019 21:05
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VSTD00509

Quant Time: Dec 12 06:17:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 12 06:08:55 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 23) Bromochloromethane | 5.02 | 128 | 65625 | 4.931 | ug/L | 92 |
| 25) Chloroform | 5.14 | 83 | 242046 | 4.934 | ug/L | 95 |
| 27) 1,2-Dichloroethane | 5.84 | 62 | 147687 | 5.095 | ug/L | 99 |
| 29) 1,1,1-Trichloroethane | 5.36 | 97 | 200748 | 5.282 | ug/L | 99 |
| 30) Cyclohexane | 5.43 | 56 | 165041 | 5.531 | ug/L | 96 |
| 31) Carbon tetrachloride | 5.56 | 117 | 178409 | 5.191 | ug/L | 100 |
| 33) Benzene | 5.82 | 78 | 521280 | 5.656 | ug/L | 100 |
| 34) Trichloroethene | 6.58 | 95 | 128032 | 5.232 | ug/L | 95 |
| 35) Methylcyclohexane | 6.80 | 83 | 172095 | 5.242 | ug/L | 97 |
| 37) 1,2-Dichloropropane | 6.83 | 63 | 135181 | 5.847 | ug/L | 100 |
| 38) Bromodichloromethane | 7.14 | 83 | 170534 | 5.488 | ug/L | 98 |
| 39) cis-1,3-Dichloropropene | 7.64 | 75 | 175611 | 5.589 | ug/L | 96 |
| 40) 4-Methyl-2-pentanone | 7.83 | 43 | 778023 | 64.432 | ug/L | 99 |
| 42) Toluene | 8.00 | 91 | 568034 | 5.747 | ug/L | 99 |
| 44) trans-1,3-Dichloropropene | 8.24 | 75 | 155639 | 5.730 | ug/L | 99 |
| 45) 1,1,2-Trichloroethane | 8.43 | 97 | 103769 | 5.701 | ug/L | 98 |
| 47) Tetrachloroethene | 8.58 | 164 | 110323 | 4.742 | ug/L | 99 |
| 48) 2-Hexanone | 8.73 | 43 | 595927 | 68.794 | ug/L | 99 |
| 49) Dibromochloromethane | 8.84 | 129 | 124720 | 5.162 | ug/L | 99 |
| 50) 1,2-Dibromoethane | 8.96 | 107 | 98063 | 5.572 | ug/L | 95 |
| 51) Chlorobenzene | 9.48 | 112 | 351217 | 5.099 | ug/L | 97 |
| 52) Ethylbenzene | 9.60 | 91 | 524304 | 5.063 | ug/L | 99 |
| 53) m,p-Xylene | 9.72 | 106 | 208359 | 5.053 | ug/L | 99 |
| 54) o-Xylene | 10.13 | 106 | 200301 | 5.173 | ug/L | 95 |
| 55) Styrene | 10.14 | 104 | 349682 | 5.267 | ug/L | 99 |
| 56) Isopropylbenzene | 10.51 | 105 | 511607 | 5.008 | ug/L | 100 |
| 58) 1,1,2,2-Tetrachloroethane | 10.81 | 83 | 132191 | 5.494 | ug/L | 96 |
| 59) 1,2,3-Trichloropropane | 10.85 | 75 | 95941 | 5.806 | ug/L | 98 |
| 61) Bromoform | 10.32 | 173 | 76009 | 4.653 | ug/L | 99 |
| 62) 1,3-Dichlorobenzene | 11.77 | 146 | 263613 | 4.910 | ug/L | 96 |
| 63) 1,4-Dichlorobenzene | 11.86 | 146 | 258710 | 4.891 | ug/L | 100 |
| 65) 1,2-Dichlorobenzene | 12.24 | 146 | 261730 | 4.934 | ug/L | 99 |
| 66) 1,2-Dibromo-3-chloropropan | 13.02 | 75 | 18021 | 5.407 | ug/L | 94 |
| 67) 1,3,5-Trichlorobenzene | 13.24 | 180 | 167801 | 4.613 | ug/L | 97 |
| 68) 1,2,4-trichlorobenzene | 13.86 | 180 | 85702 | 4.437 | ug/L | 97 |
| 69) Naphthalene | 14.11 | 128 | 78752 | 4.236 | ug/L | 97 |
| 70) 1,2,3-Trichlorobenzene | 14.35 | 180 | 82907 | 4.476 | ug/L | 99 |

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

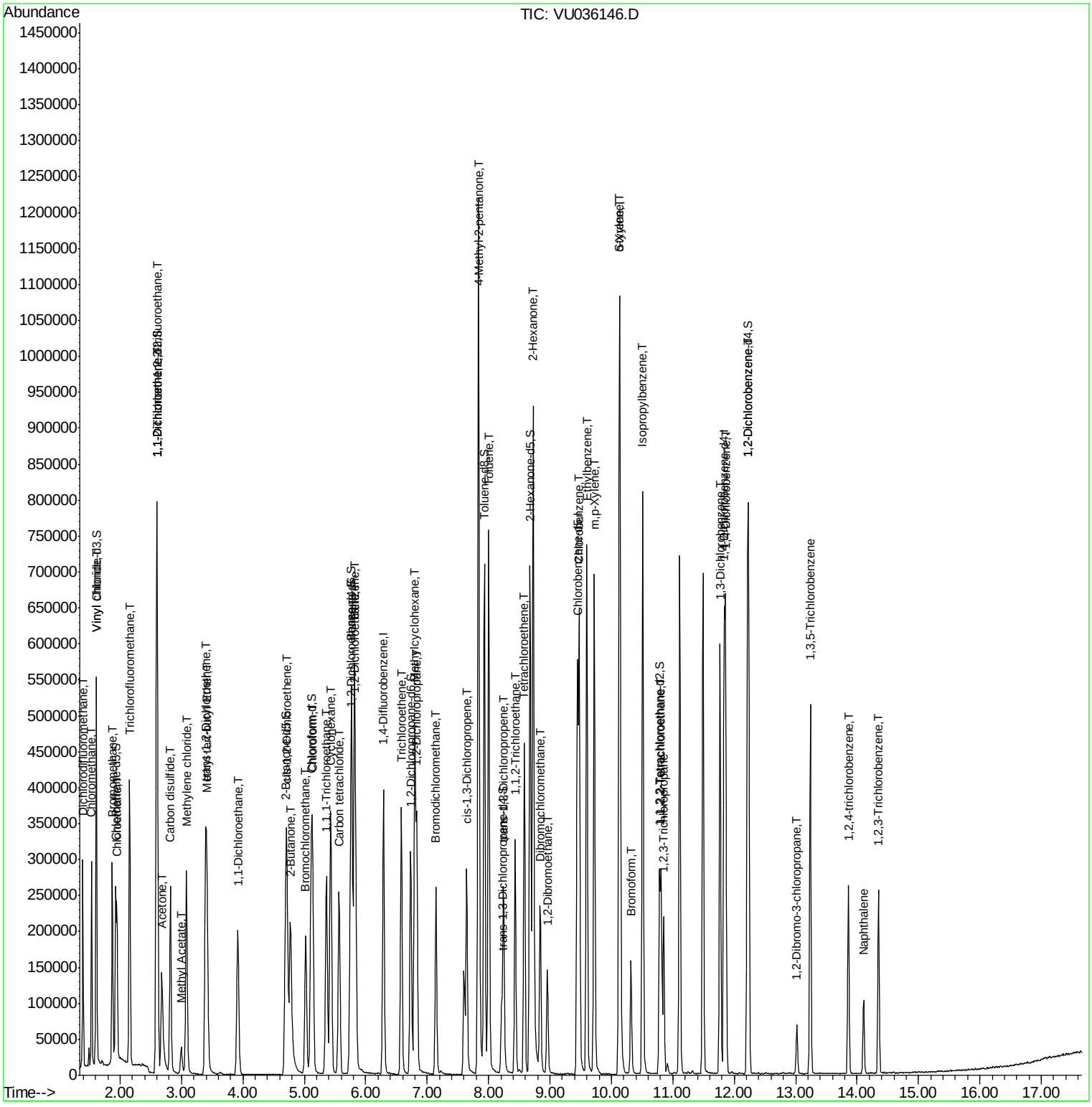
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121119\

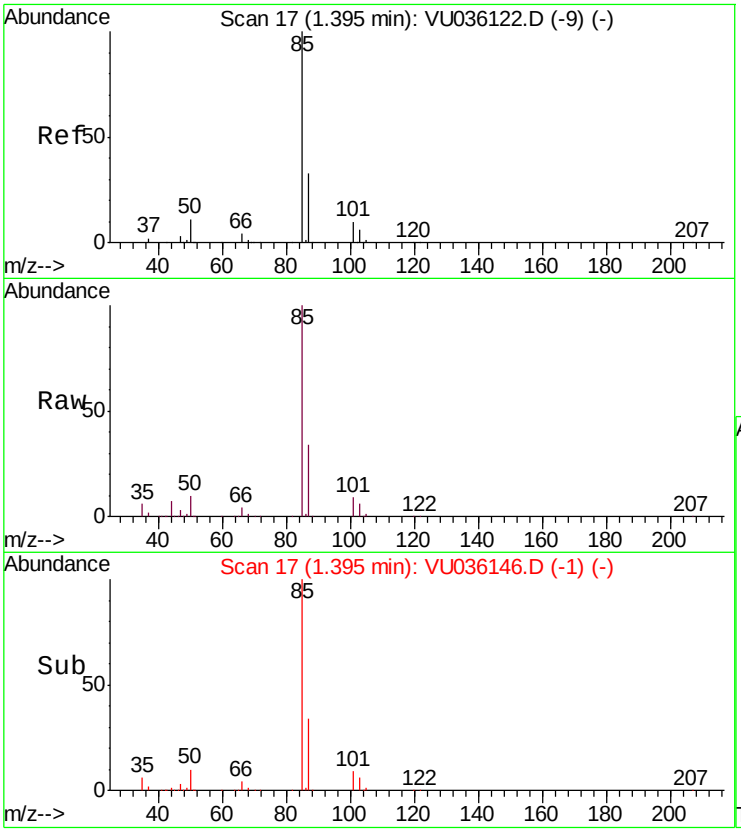
Quantitation Report (Not Reviewed)

Data File : VU036146.D
Acq On : 11 Dec 2019 21:05
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD00509

Quant Time: Dec 12 06:17:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 12 06:08:55 2019
Response via : Initial Calibration



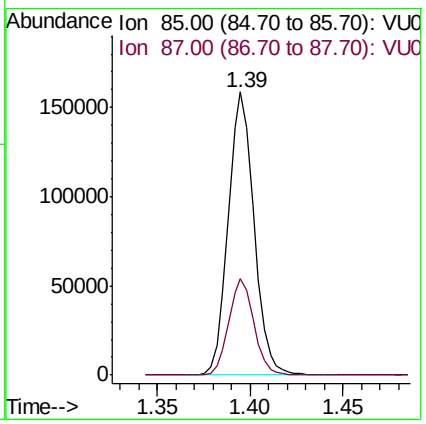


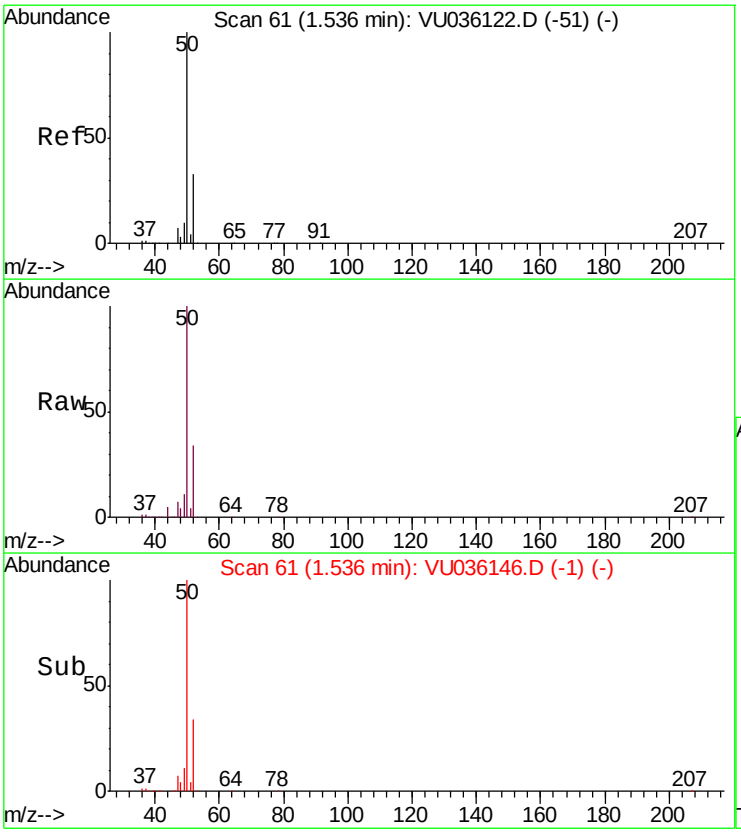

#2
Dichlorodifluoromethane
Concen: 4.707 ug/L
RT: 1.39 min Scan# 17
Delta R.T. -0.00 min
Lab File: VU036146.D
Acq: 11 Dec 2019 21:05

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD00509

Tgt Ion: 85 Resp: 152844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 33.1 | 27.0 | 40.4 |

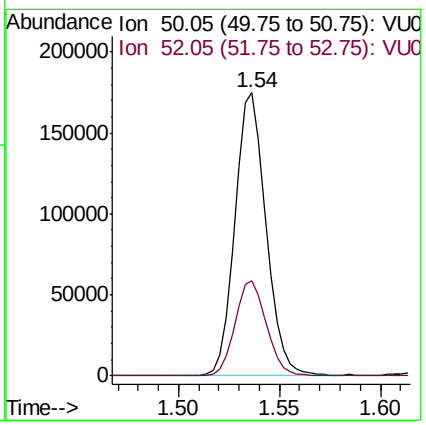


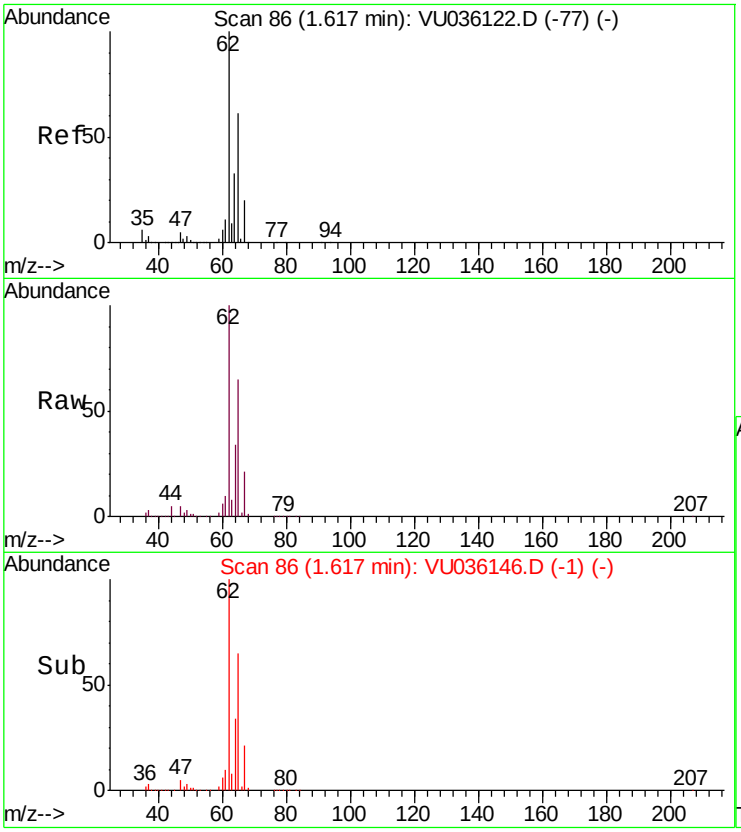




#3
Chloromethane
Concen: 5.971 ug/L
RT: 1.54 min Scan# 61
Delta R.T. -0.00 min
Lab File: VU036146.D
Acq: 11 Dec 2019 21:05

Tgt Ion: 50 Resp: 189304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.7 | 23.6 | 43.8 |



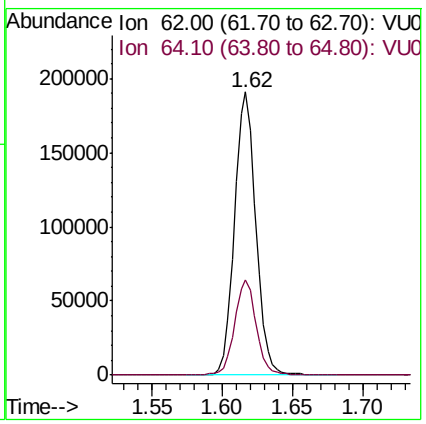


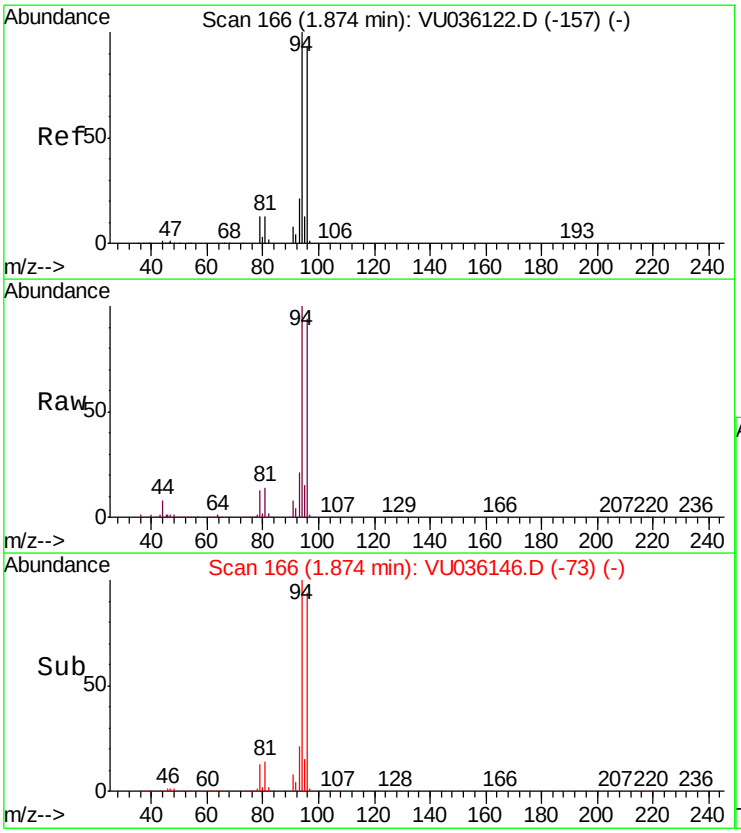

#5
Vinyl chloride
Concen: 6.134 ug/L
RT: 1.62 min Scan# 86
Delta R.T. -0.00 min
Lab File: VU036146.D
Acq: 11 Dec 2019 21:05

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD00509

Tgt Ion: 62 Resp: 202876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 33.7 | 24.3 | 45.1 |

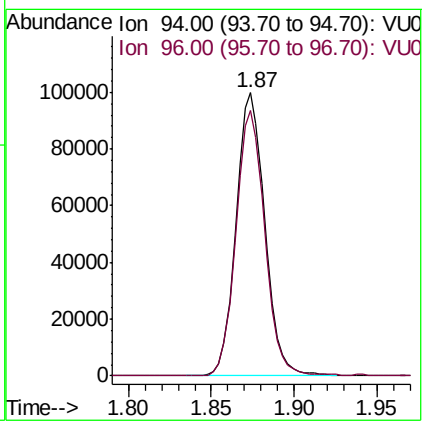


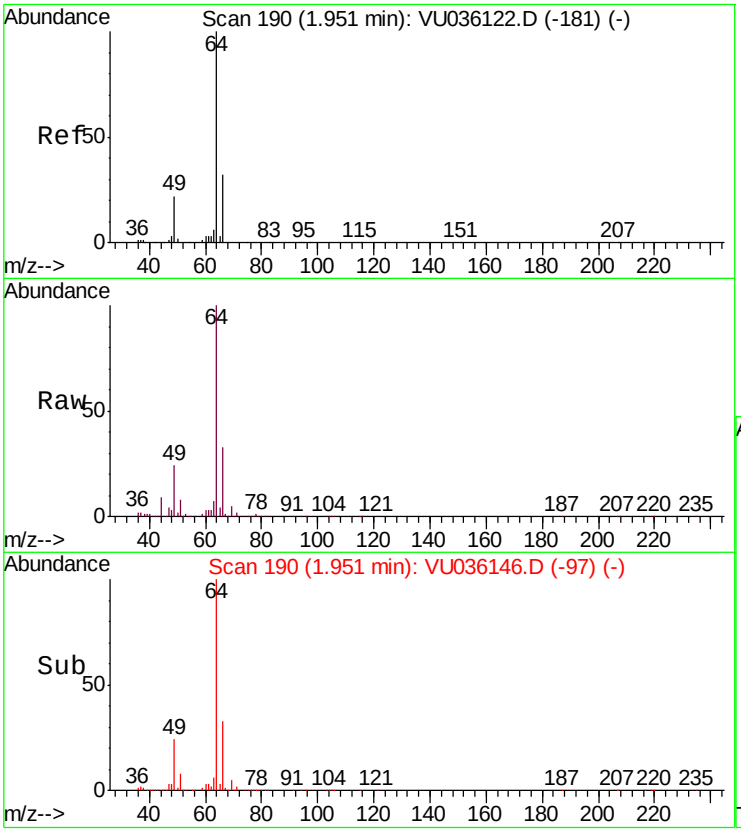




#6
Bromomethane
Concen: 4.530 ug/L
RT: 1.87 min Scan# 166
Delta R.T. -0.00 min
Lab File: VU036146.D
Acq: 11 Dec 2019 21:05

Tgt Ion: 94 Resp: 120391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 93.7 | 66.8 | 124.2 |



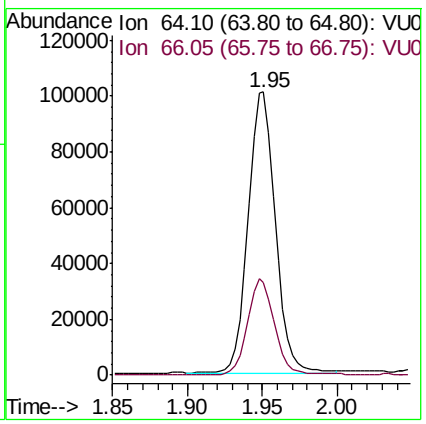


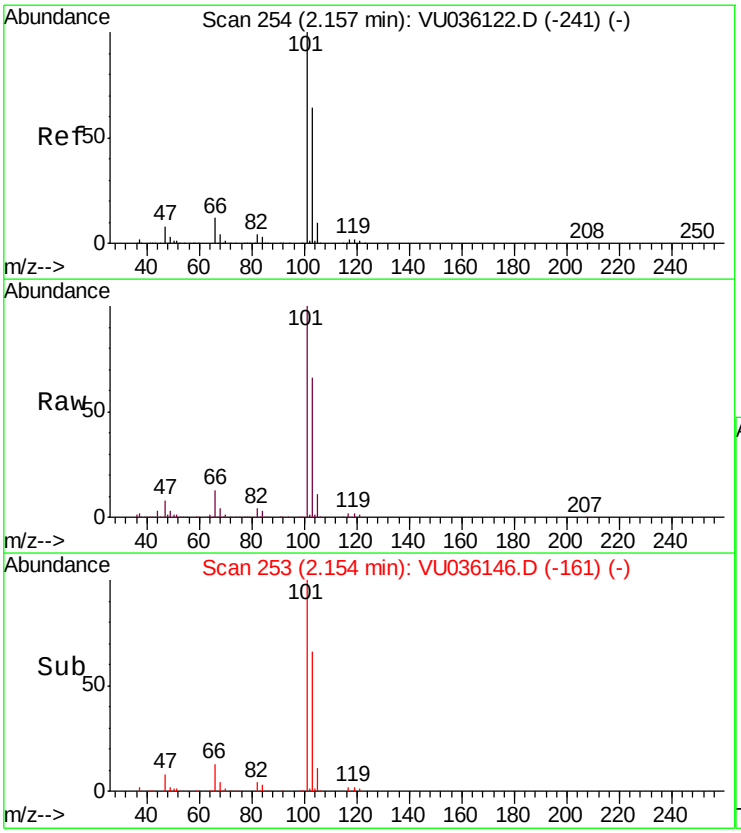

#8
Chloroethane
Concen: 5.069 ug/L
RT: 1.95 min Scan# 190
Delta R.T. -0.00 min
Lab File: VU036146.D
Acq: 11 Dec 2019 21:05

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD00509

Tgt Ion: 64 Resp: 127556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.8 | 21.5 | 39.9 |

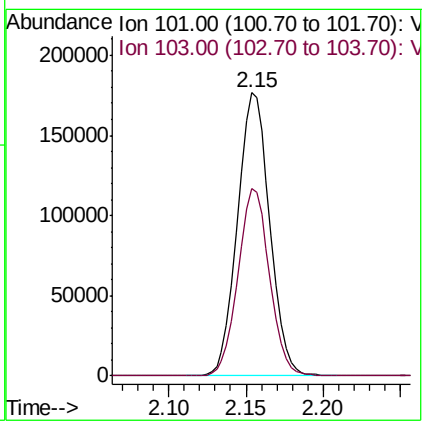


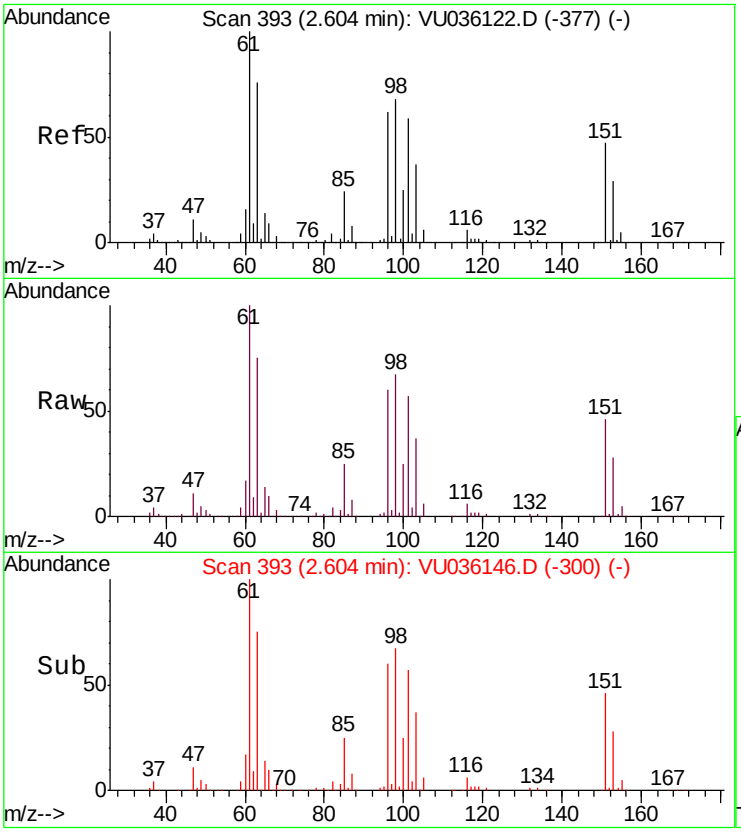




#9
Trichlorofluoromethane
Concen: 4.445 ug/L
RT: 2.15 min Scan# 253
Delta R.T. -0.00 min
Lab File: VU036146.D
Acq: 11 Dec 2019 21:05

Tgt Ion:101 Resp: 255983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 64.5 | 52.6 | 78.8 |



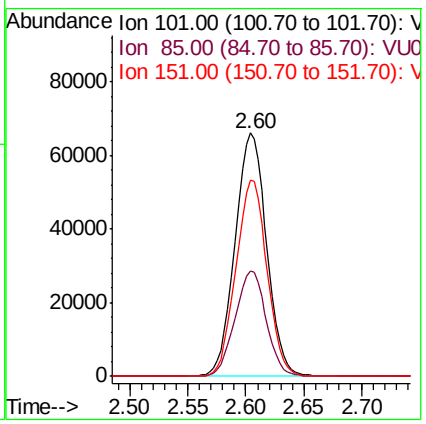


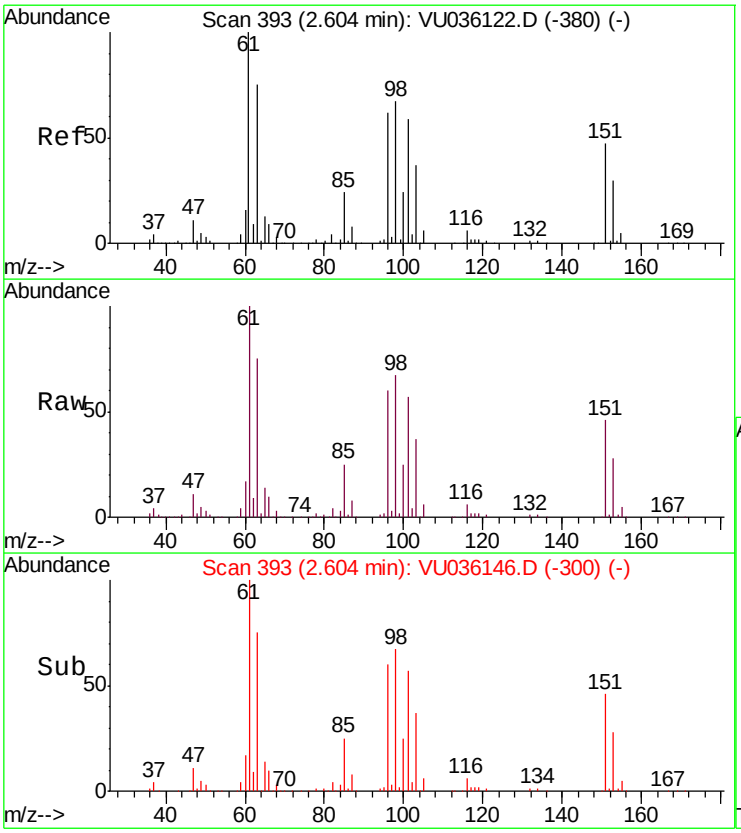

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.917 ug/L
RT: 2.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: VU036146.D
Acq: 11 Dec 2019 21:05

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD00509

Tgt Ion:101 Resp: 125167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 42.6 | 33.1 | 49.7 |
| 151 | 79.3 | 66.5 | 99.7 |

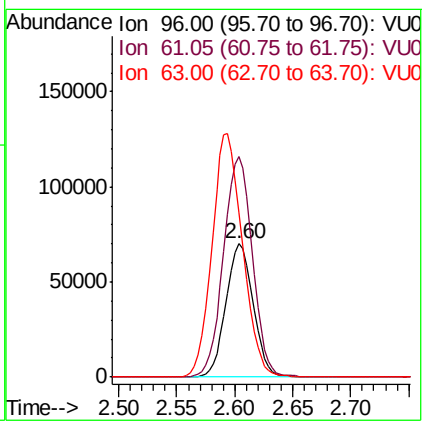


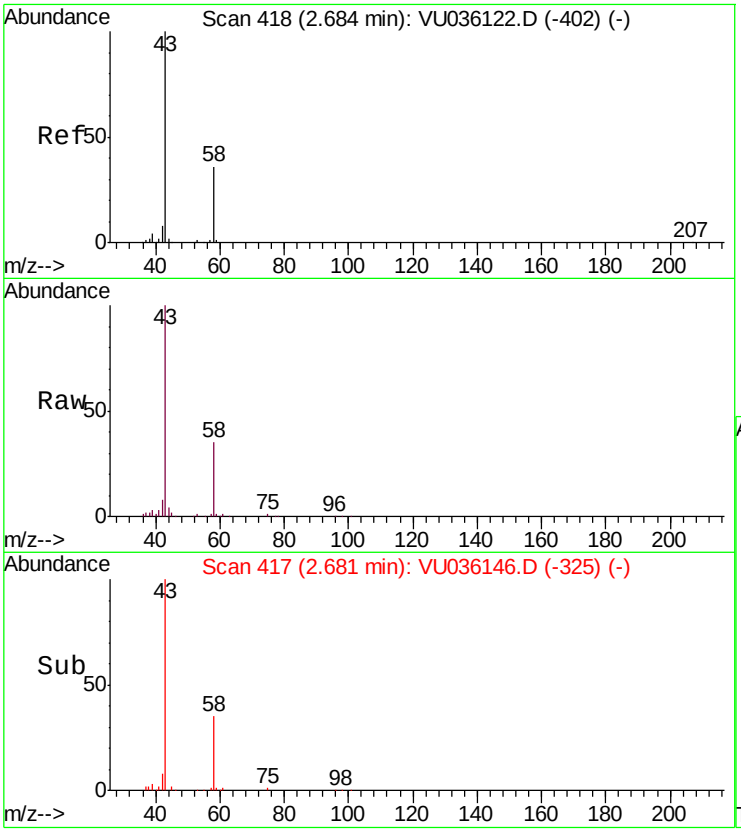




#12
1,1-Dichloroethene
Concen: 3.960 ug/L
RT: 2.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: VU036146.D
Acq: 11 Dec 2019 21:05

Tgt Ion: 96 Resp: 113807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 165.5 | 104.3 | 193.7 |
| 63 | 123.7 | 65.6 | 121.8# |



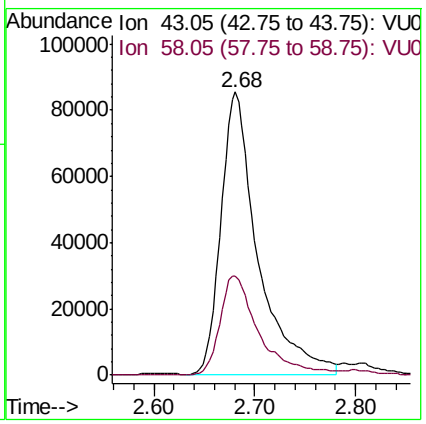


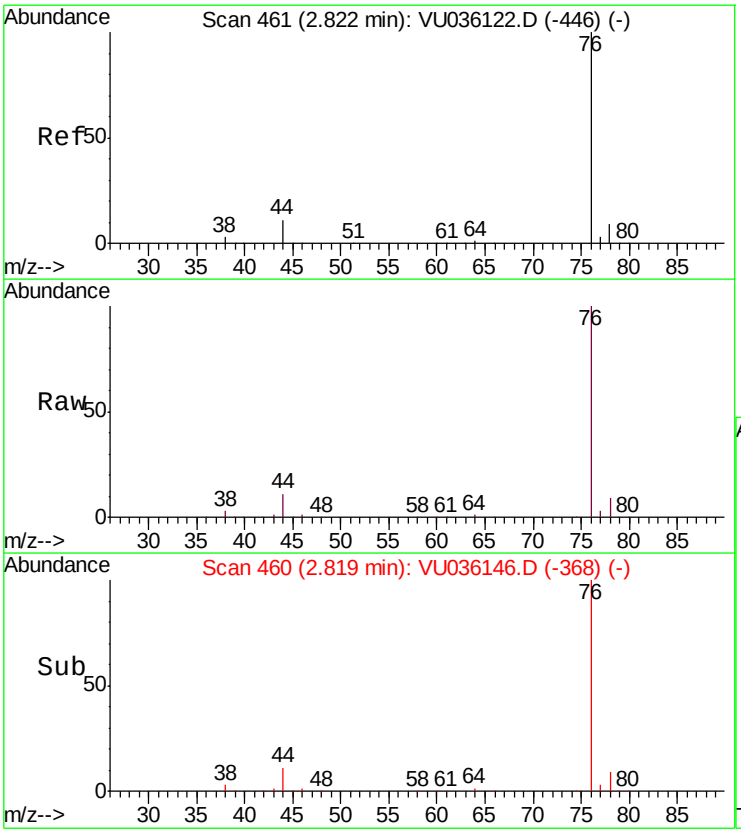

#13
Acetone
Concen: 34.378 ug/L
RT: 2.68 min Scan# 417
Delta R.T. -0.00 min
Lab File: VU036146.D
Acq: 11 Dec 2019 21:05

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD00509

Tgt Ion: 43 Resp: 218927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 36.9 | 0.0 | 74.2 |

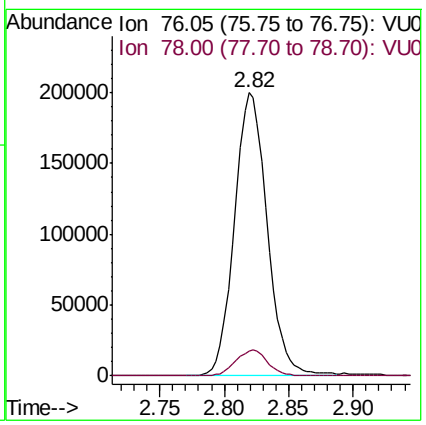


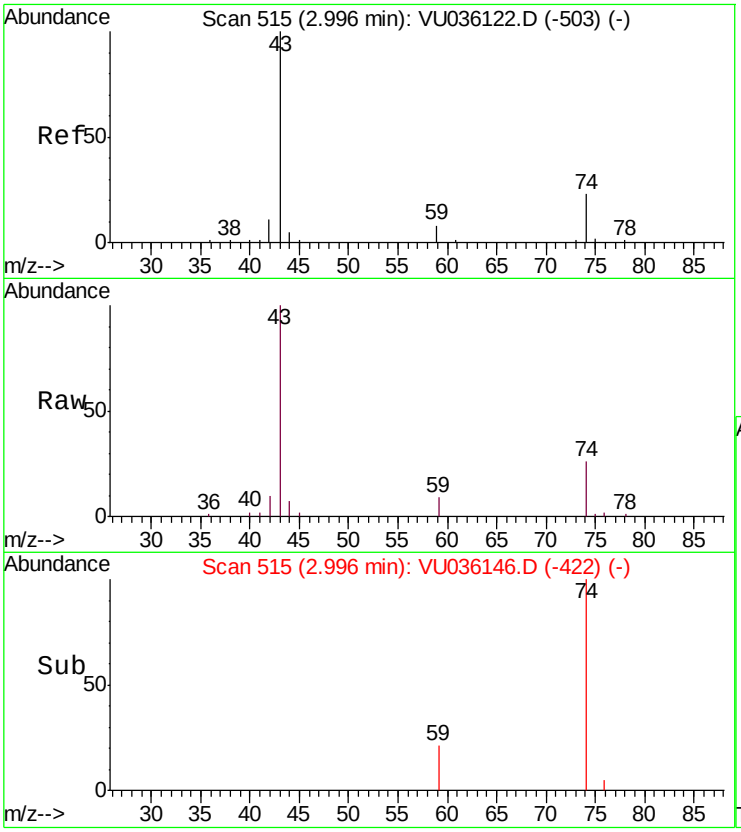




#14
Carbon disulfide
Concen: 4.286 ug/L
RT: 2.82 min Scan# 460
Delta R.T. -0.00 min
Lab File: VU036146.D
Acq: 11 Dec 2019 21:05

Tgt Ion: 76 Resp: 352818

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.9 | 7.7 | 11.5 |



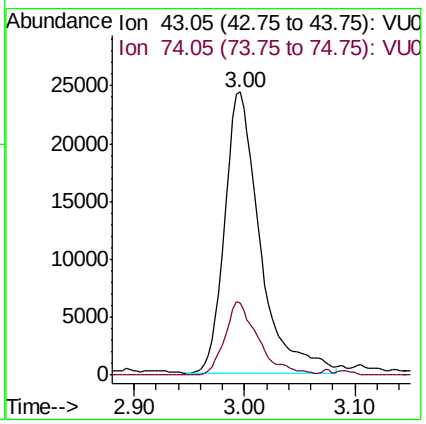


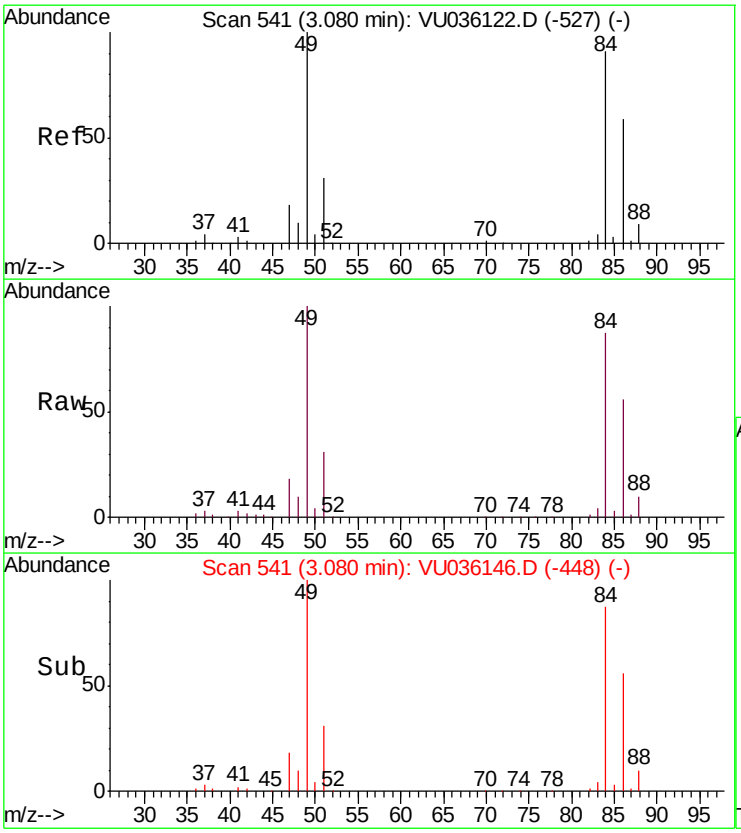

#15
Methyl Acetate
Concen: 5.751 ug/L
RT: 3.00 min Scan# 515
Delta R.T. -0.00 min
Lab File: VU036146.D
Acq: 11 Dec 2019 21:05

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD00509

Tgt Ion: 43 Resp: 54074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 24.7 | 21.0 | 31.4 |

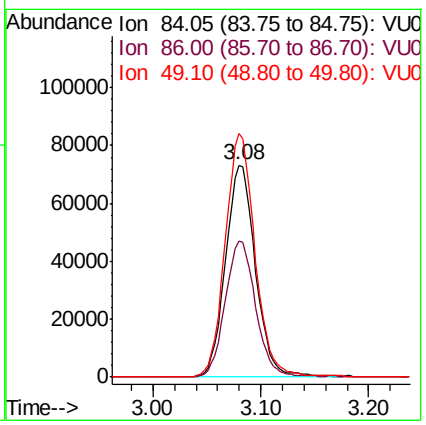


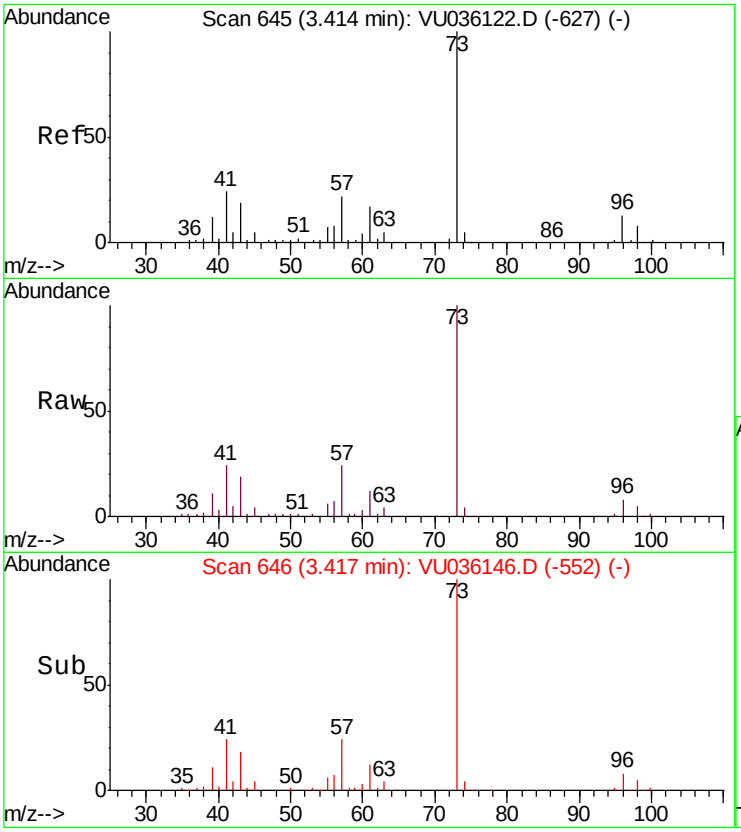




#16
Methylene chloride
Concen: 4.263 ug/L
RT: 3.08 min Scan# 541
Delta R.T. -0.00 min
Lab File: VU036146.D
Acq: 11 Dec 2019 21:05

Tgt Ion: 84 Resp: 142274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 64.1 | 47.5 | 88.3 |
| 49 | 114.8 | 76.9 | 142.9 |



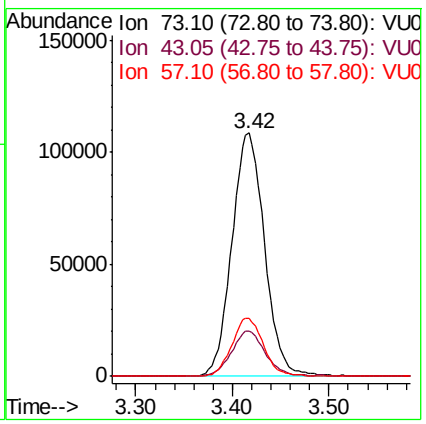


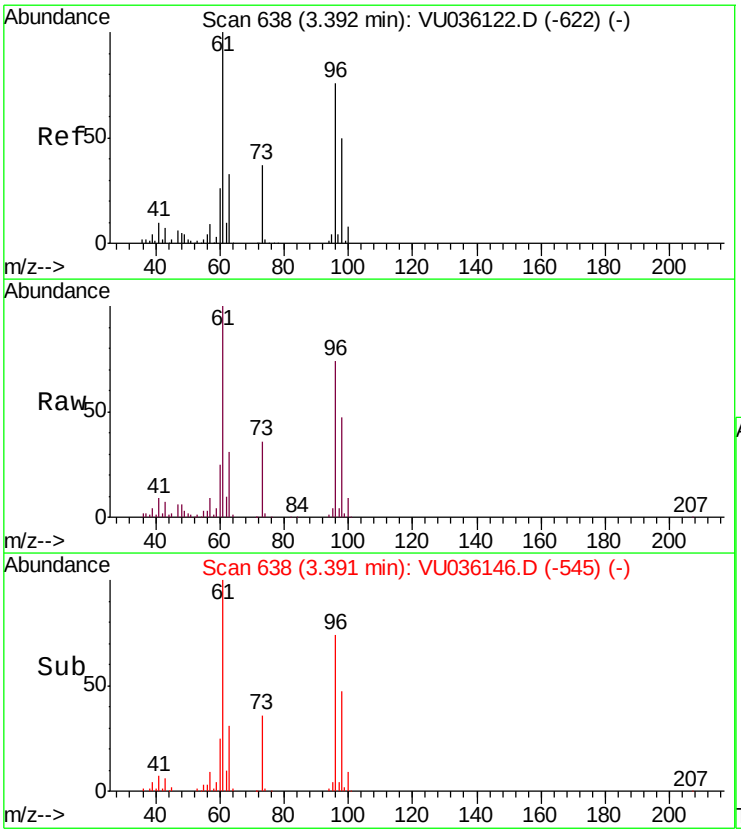

#17
Methyl tert-butyl Ether
Concen: 5.162 ug/L
RT: 3.42 min Scan# 646
Delta R.T. 0.00 min
Lab File: VU036146.D
Acq: 11 Dec 2019 21:05

**Instrument :** MSVOA_U
**ClientSampleId :** VSTD00509

Tgt Ion: 73 Resp: 255381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 19.3 | 15.6 | 23.4 |
| 57 | 23.0 | 17.4 | 26.2 |

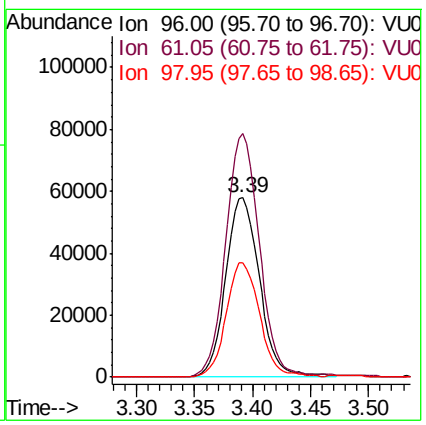


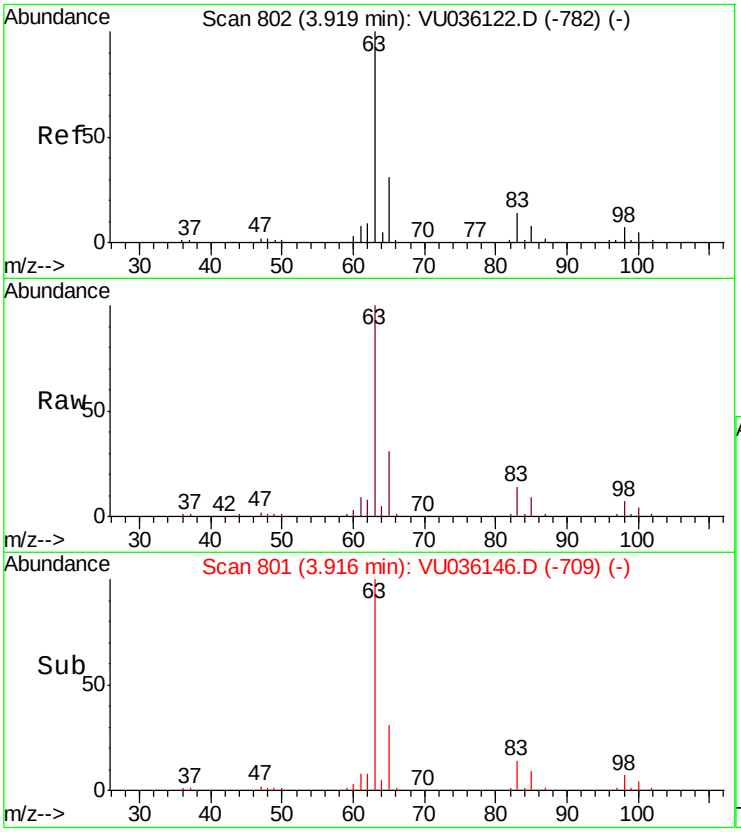




#18
trans-1,2-Dichloroethene
Concen: 4.795 ug/L
RT: 3.39 min Scan# 638
Delta R.T. -0.00 min
Lab File: VU036146.D
Acq: 11 Dec 2019 21:05

Tgt Ion: 96 Resp: 117608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 135.9 | 92.0 | 170.8 |
| 98 | 63.9 | 44.6 | 82.8 |



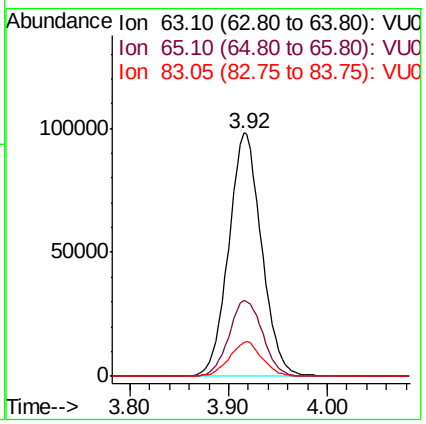


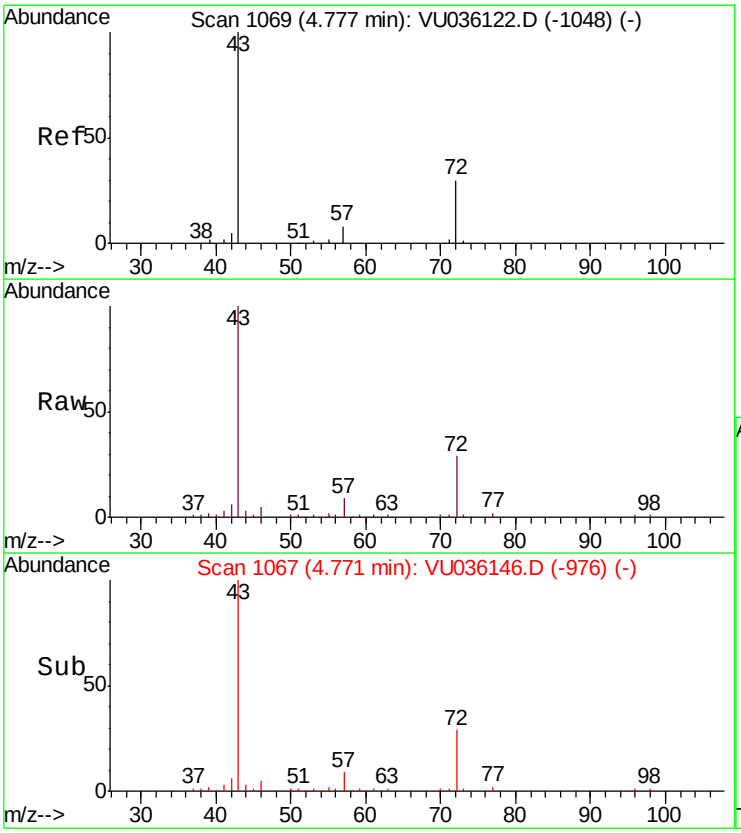

#19
1,1-Dichloroethane
Concen: 5.164 ug/L
RT: 3.92 min Scan# 801
Delta R.T. -0.00 min
Lab File: VU036146.D
Acq: 11 Dec 2019 21:05

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD00509

Tgt Ion: 63 Resp: 227328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.0 | 21.8 | 40.4 |
| 83 | 13.9 | 10.1 | 18.9 |

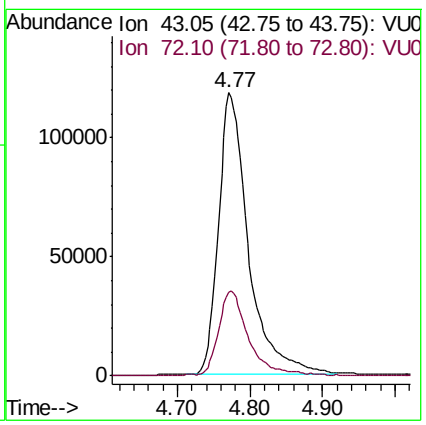


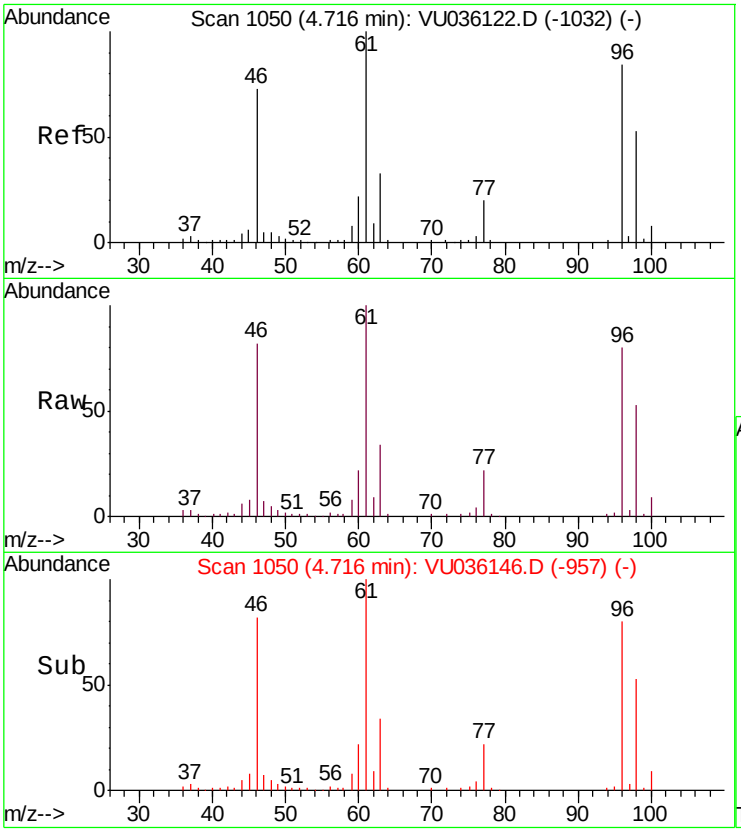




#21
2-Butanone
Concen: 53.239 ug/L
RT: 4.77 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VU036146.D
Acq: 11 Dec 2019 21:05

Tgt Ion: 43 Resp: 339345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 29.0 | 15.0 | 45.0 |



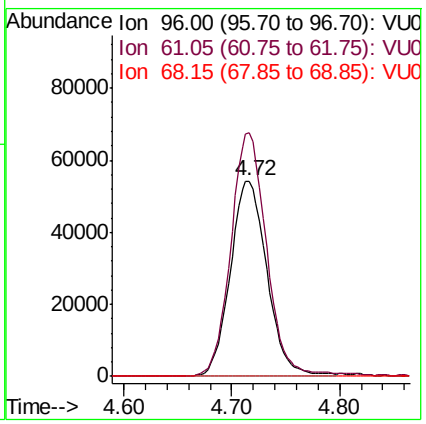


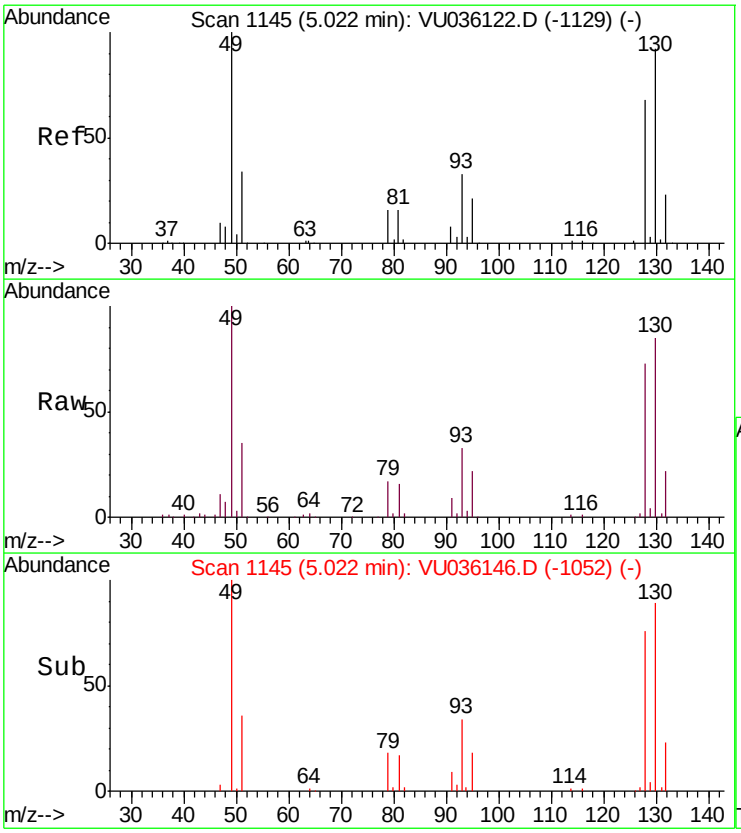

#22
cis-1,2-Dichloroethene
Concen: 4.983 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU036146.D
Acq: 11 Dec 2019 21:05

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD00509

Tgt Ion: 96 Resp: 128288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 124.5 | 83.0 | 154.2 |
| 68 | 0.0 | 0.0 | 0.0 |

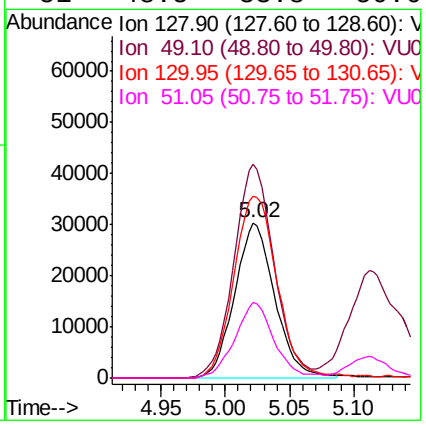


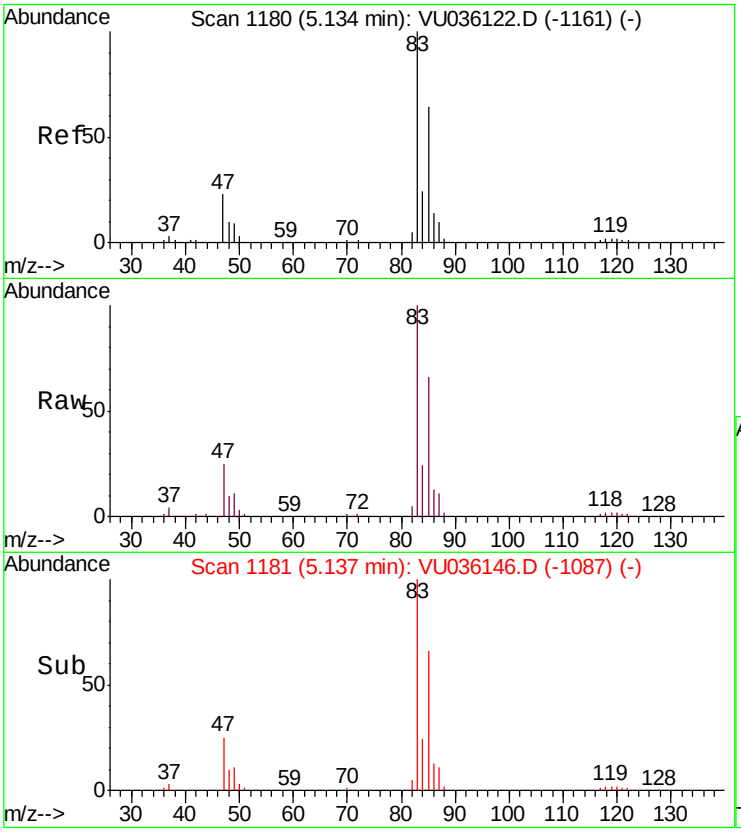




#23
Bromochloromethane
Concen: 4.931 ug/L
RT: 5.02 min Scan# 1145
Delta R.T. -0.00 min
Lab File: VU036146.D
Acq: 11 Dec 2019 21:05

Tgt Ion:128 Resp: 65625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 49 | 137.8 | 90.2 | 167.6 |
| 130 | 117.3 | 89.0 | 165.4 |
| 51 | 48.5 | 33.8 | 50.6 |



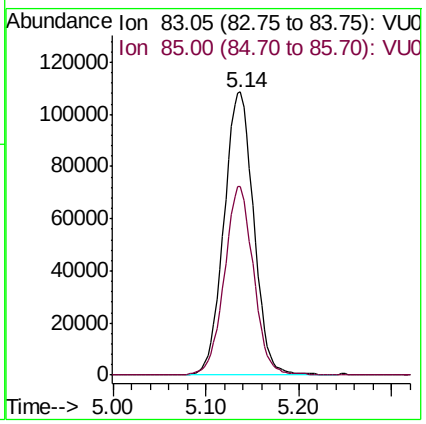


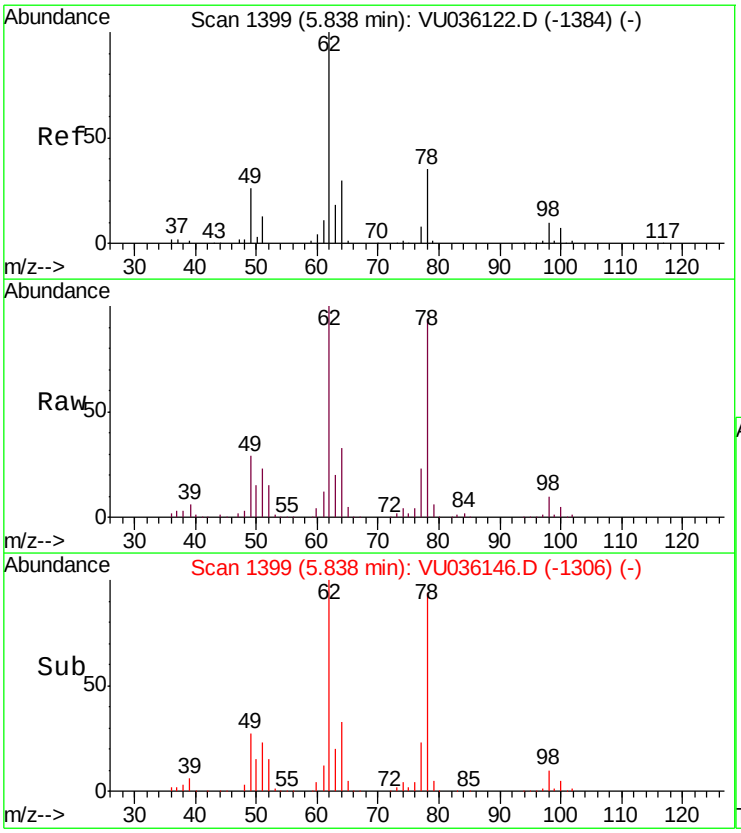

#25
Chloroform
Concen: 4.934 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU036146.D
Acq: 11 Dec 2019 21:05

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD00509

Tgt Ion: 83 Resp: 242046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 66.5 | 43.9 | 81.5 |

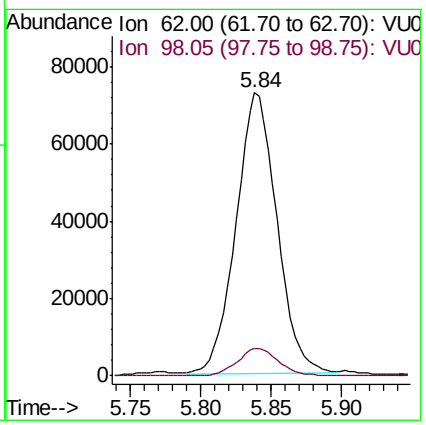


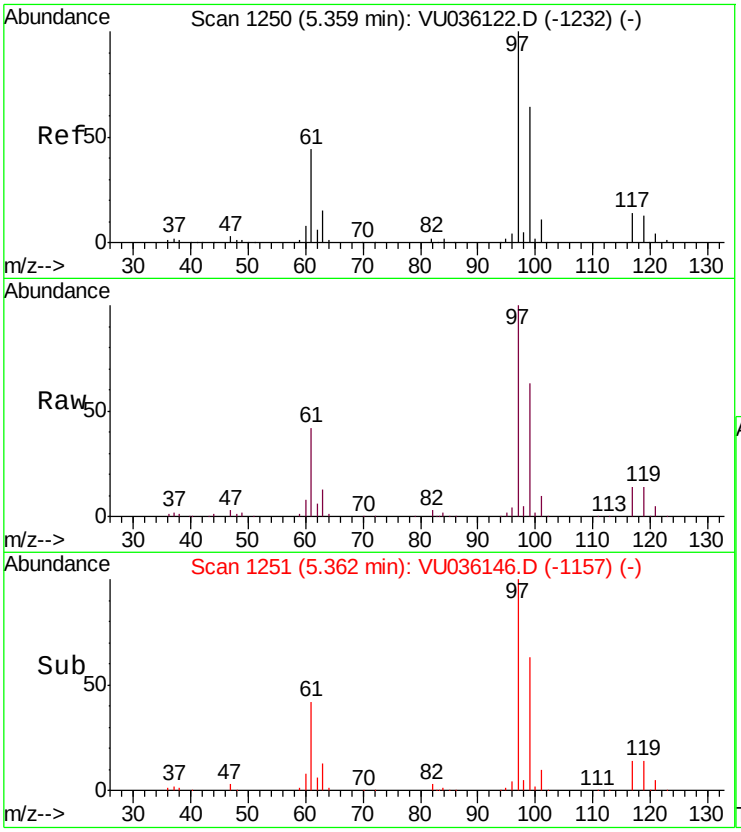




#27
1,2-Dichloroethane
Concen: 5.095 ug/L
RT: 5.84 min Scan# 1399
Delta R.T. -0.00 min
Lab File: VU036146.D
Acq: 11 Dec 2019 21:05

Tgt Ion: 62 Resp: 147687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.8 | 8.2 | 12.2 |



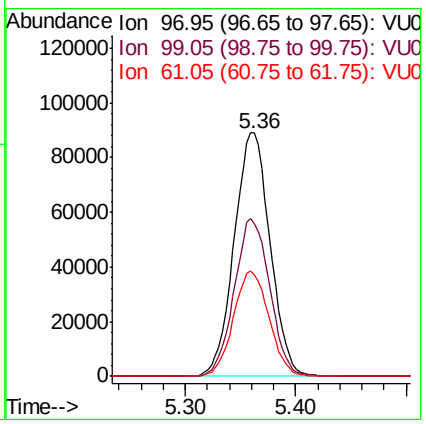


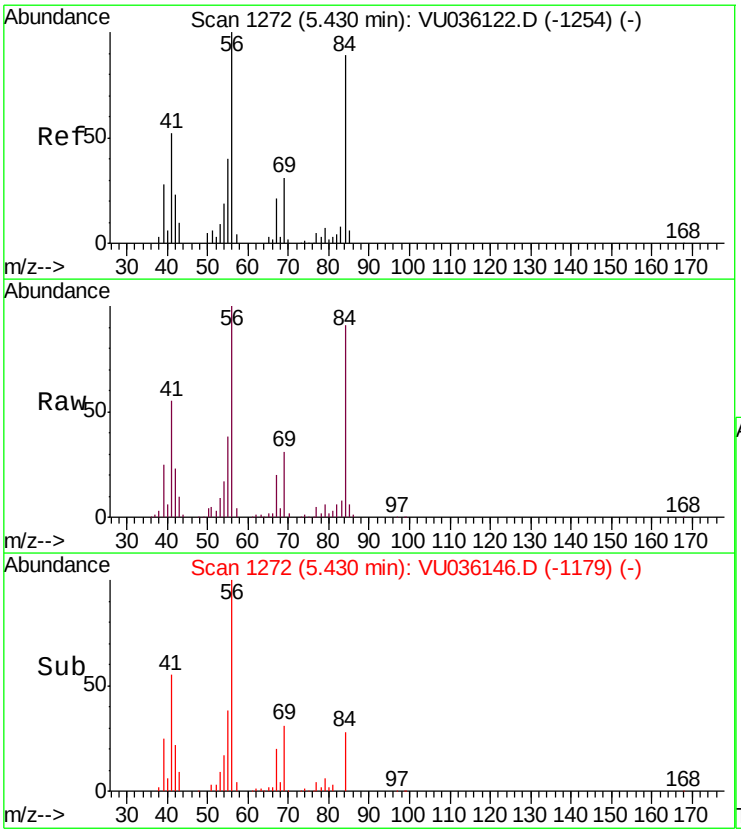

#29
1,1,1-Trichloroethane
Concen: 5.282 ug/L
RT: 5.36 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU036146.D
Acq: 11 Dec 2019 21:05

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD00509

Tgt Ion: 97 Resp: 200748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.3 | 52.2 | 78.2 |
| 61 | 42.8 | 34.7 | 52.1 |

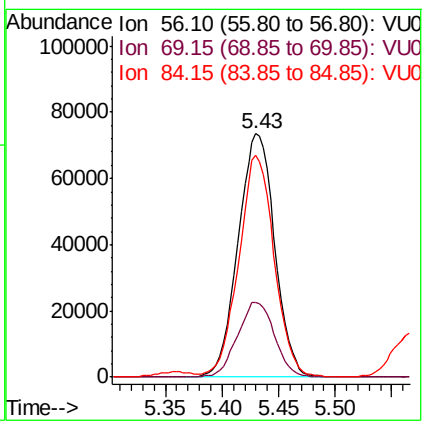


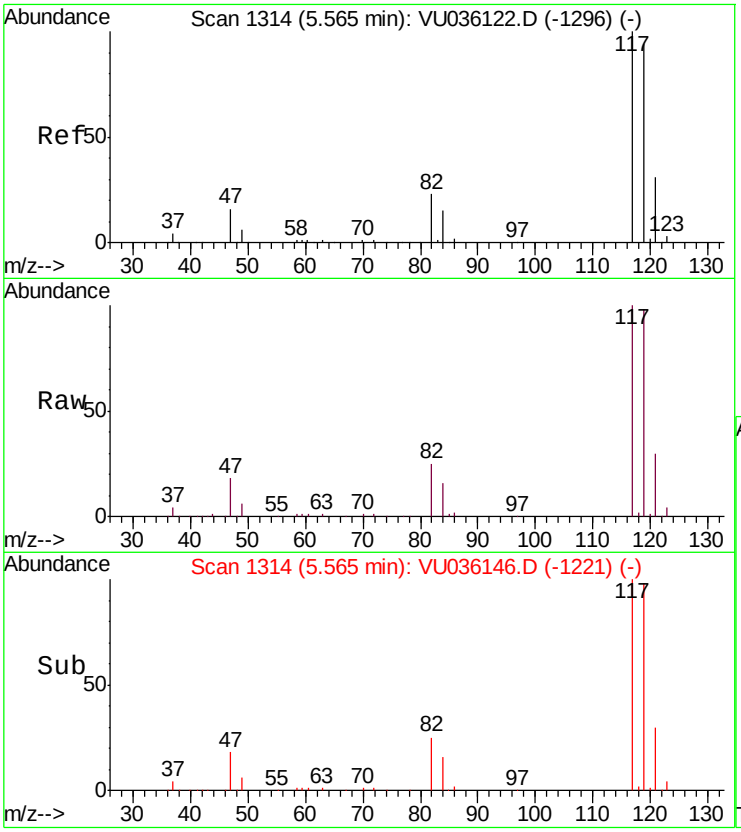




#30
Cyclohexane
Concen: 5.531 ug/L
RT: 5.43 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VU036146.D
Acq: 11 Dec 2019 21:05

Tgt Ion: 56 Resp: 165041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 31.1 | 25.4 | 38.0 |
| 84 | 88.8 | 74.5 | 111.7 |



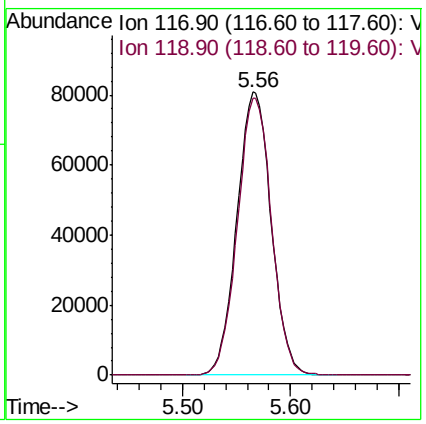


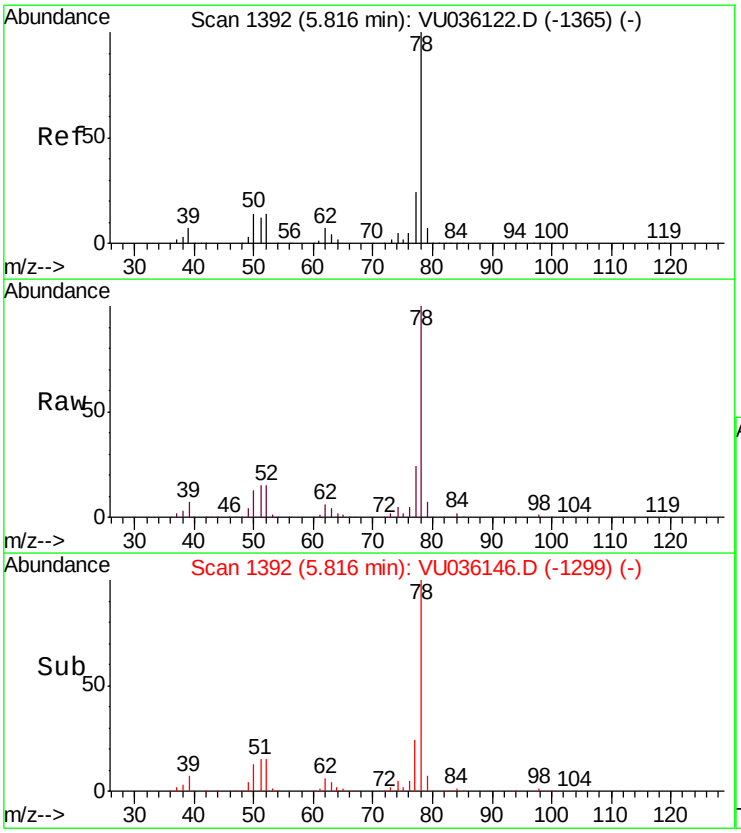

#31
Carbon tetrachloride
Concen: 5.191 ug/L
RT: 5.56 min Scan# 1314
Delta R.T. -0.00 min
Lab File: VU036146.D
Acq: 11 Dec 2019 21:05

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD00509

Tgt Ion:117 Resp: 178409

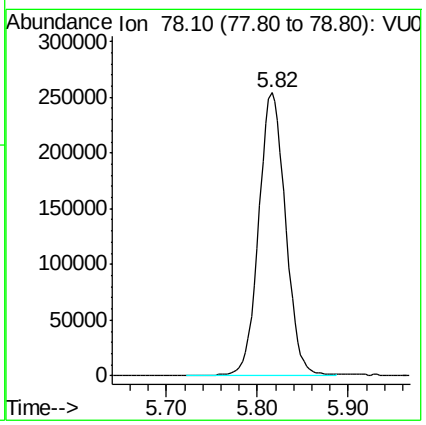
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.4 | 78.2 | 117.4 |

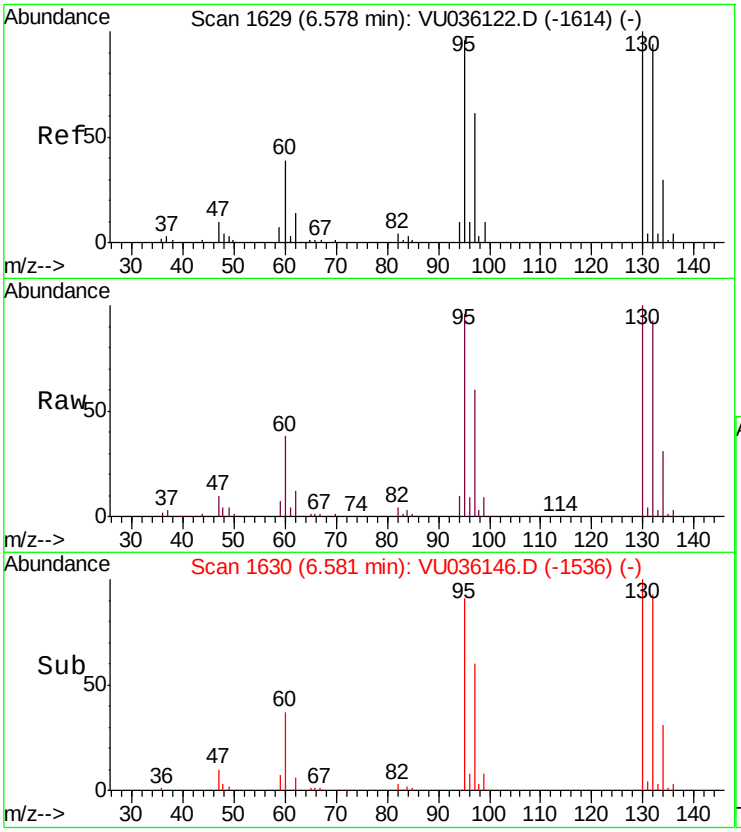



#33
Benzene
Concen: 5.656 ug/L
RT: 5.82 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VU036146.D
Acq: 11 Dec 2019 21:05

Tgt Ion: 78 Resp: 521280



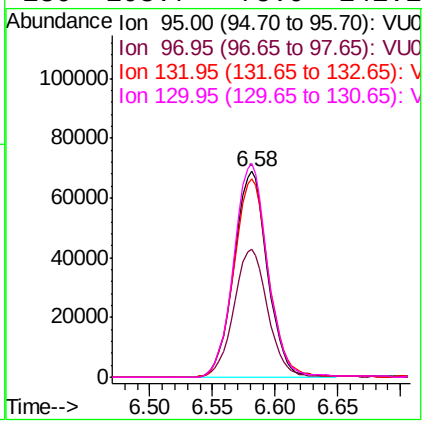


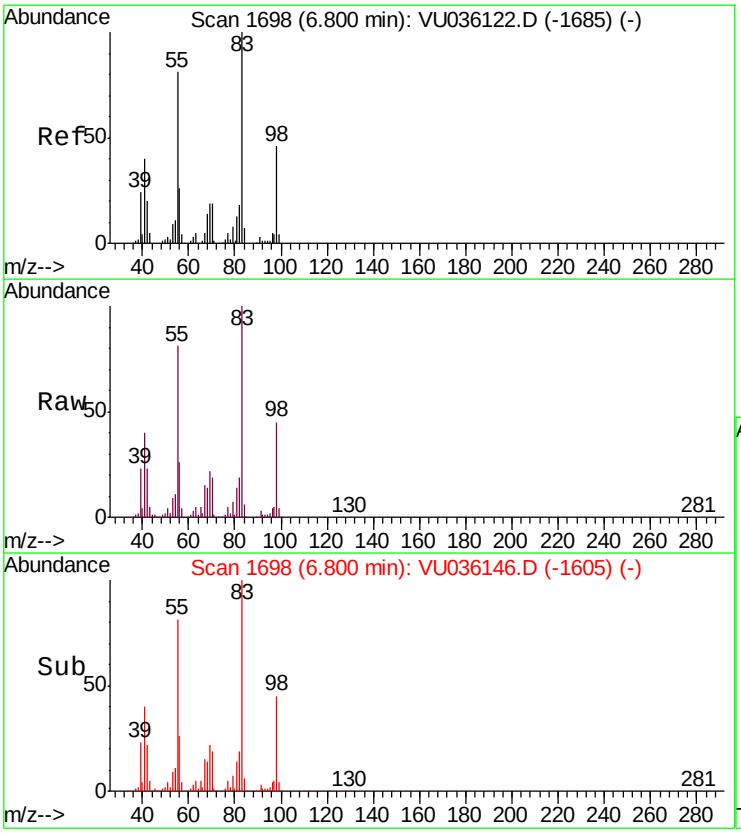

#34
Trichloroethene
Concen: 5.232 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU036146.D
Acq: 11 Dec 2019 21:05

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD00509

Tgt Ion: 95 Resp: 128032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 62.1 | 44.4 | 82.4 |
| 132 | 96.6 | 73.4 | 136.4 |
| 130 | 103.7 | 75.9 | 141.1 |

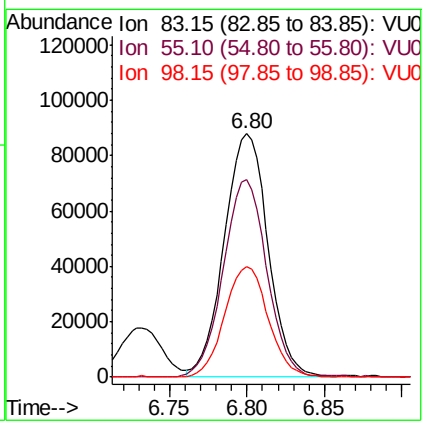


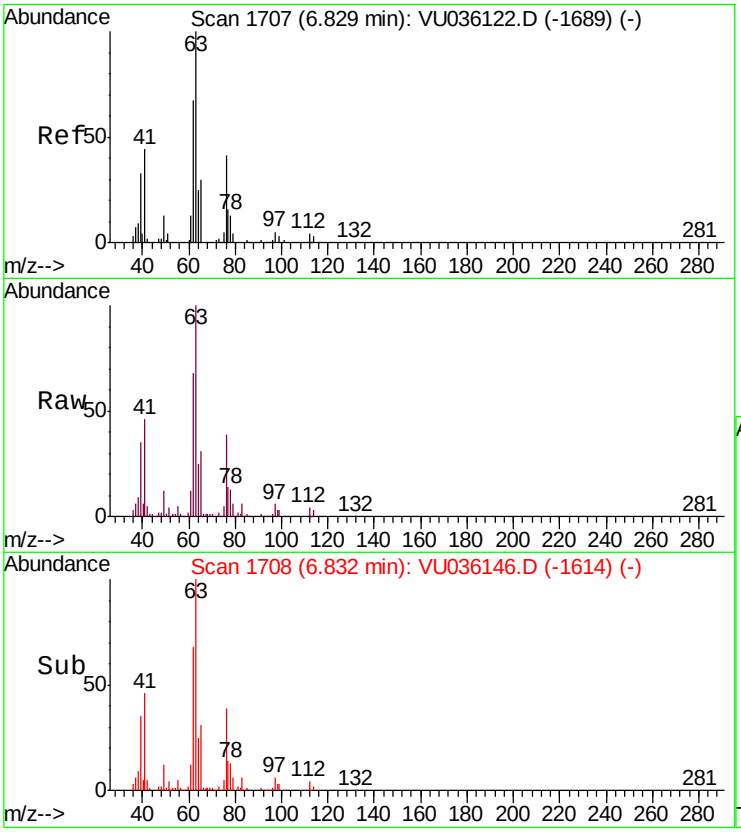




#35
Methylcyclohexane
Concen: 5.242 ug/L
RT: 6.80 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VU036146.D
Acq: 11 Dec 2019 21:05

Tgt Ion: 83 Resp: 172095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 81.0 | 62.1 | 93.1 |
| 98 | 45.3 | 37.0 | 55.4 |



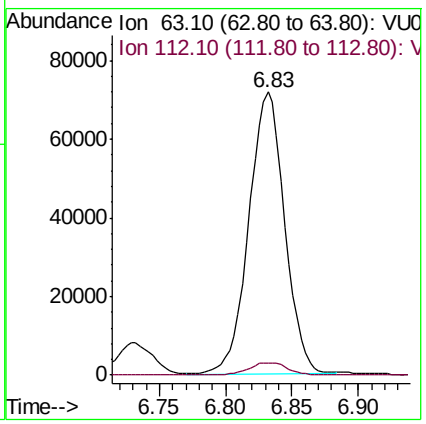


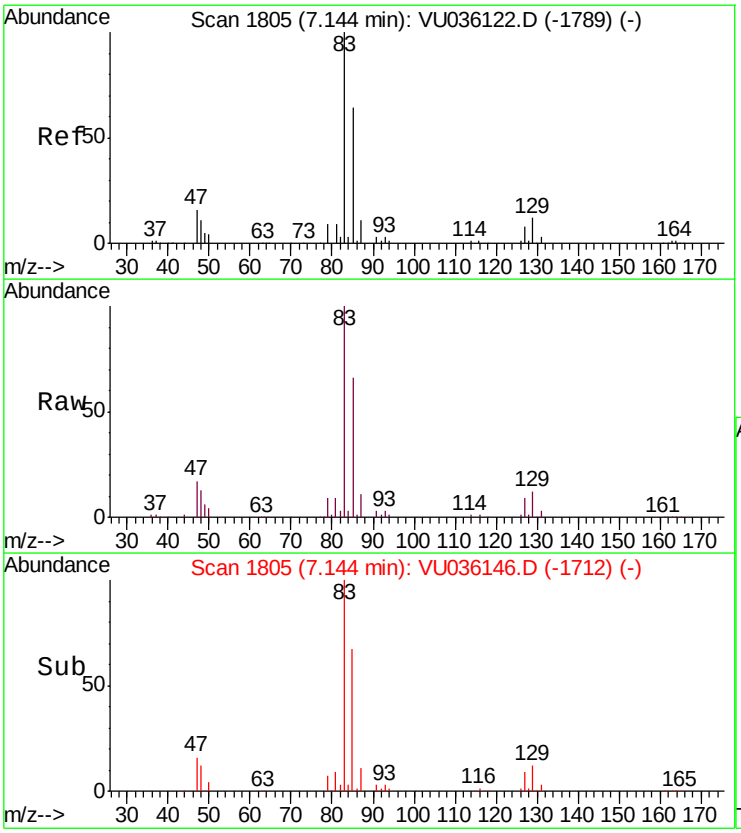

#37
1,2-Dichloropropane
Concen: 5.847 ug/L
RT: 6.83 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VU036146.D
Acq: 11 Dec 2019 21:05

**Instrument :** MSVOA_U
**ClientSampleId :** VSTD00509

Tgt Ion: 63 Resp: 135181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 4.8 | 3.8 | 5.8 |

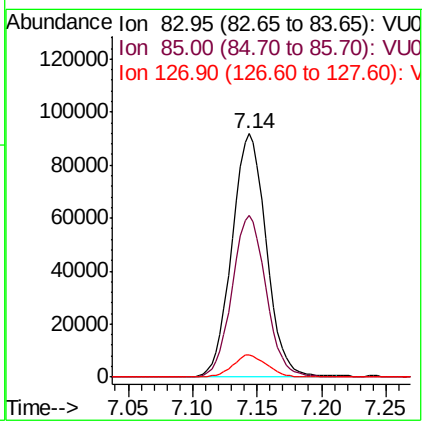


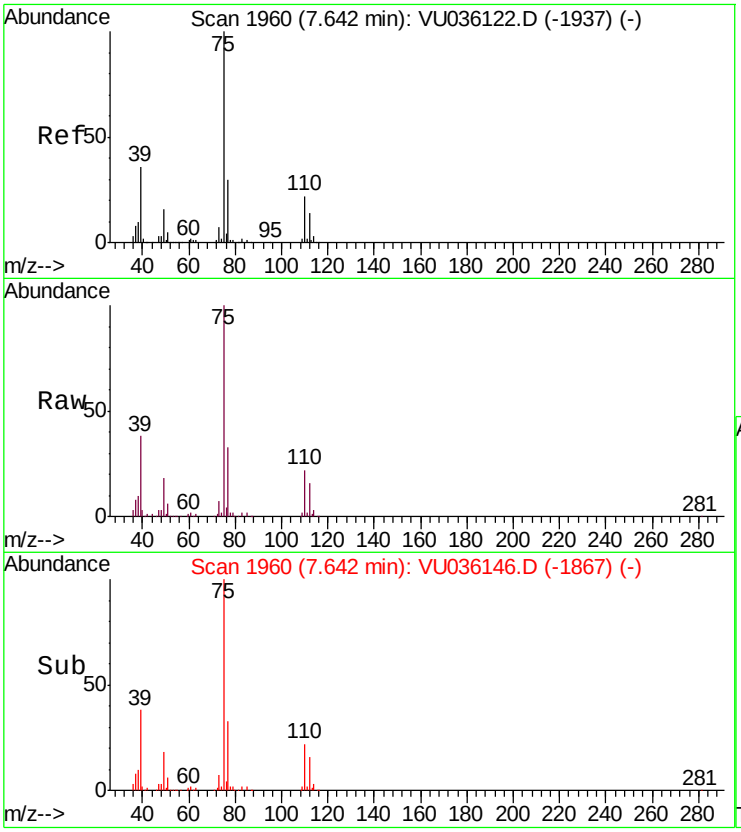




#38
Bromodichloromethane
Concen: 5.488 ug/L
RT: 7.14 min Scan# 1805
Delta R.T. -0.00 min
Lab File: VU036146.D
Acq: 11 Dec 2019 21:05

Tgt Ion: 83 Resp: 170534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 66.3 | 45.2 | 84.0 |
| 127 | 9.3 | 7.4 | 11.2 |



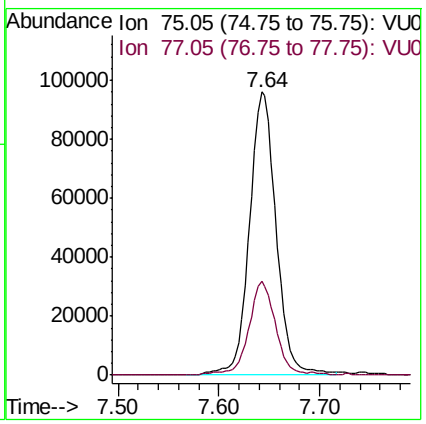


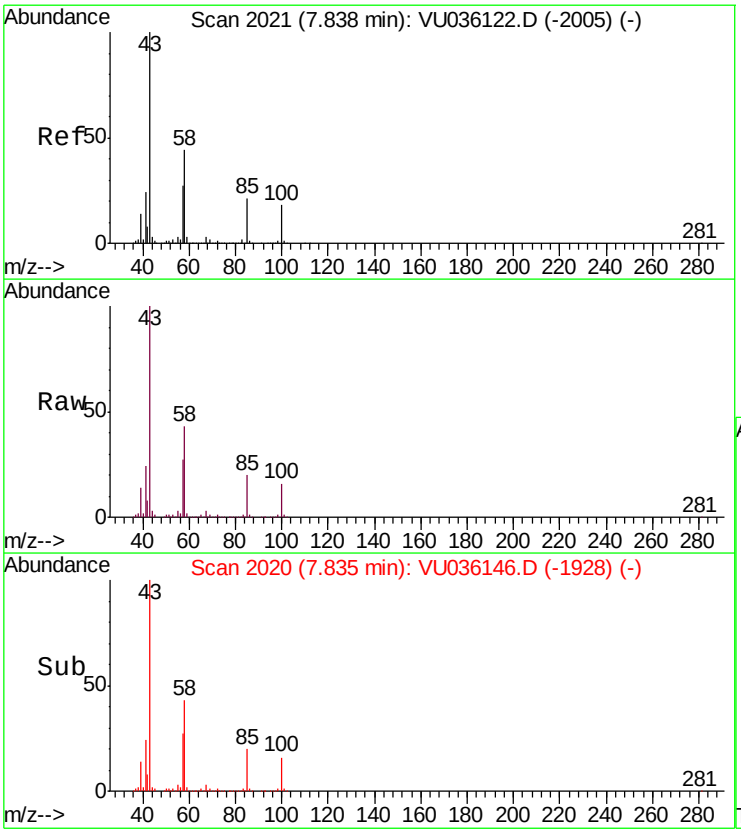

#39
cis-1,3-Dichloropropene
Concen: 5.589 ug/L
RT: 7.64 min Scan# 1960
Delta R.T. -0.00 min
Lab File: VU036146.D
Acq: 11 Dec 2019 21:05

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD00509

Tgt Ion: 75 Resp: 175611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.3 | 21.7 | 40.3 |

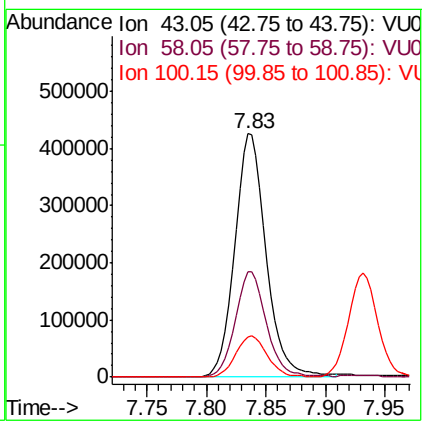


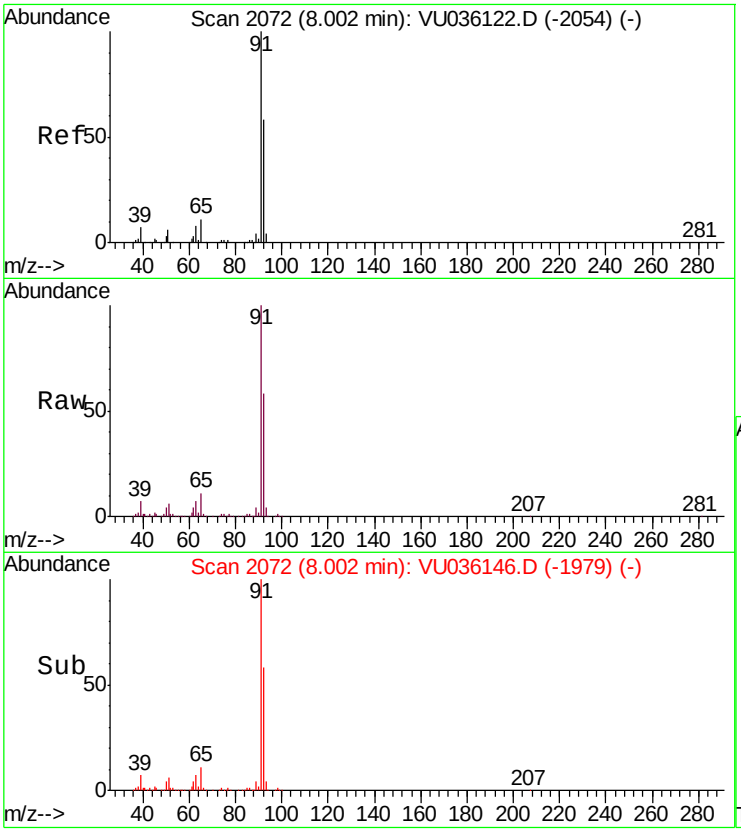




#40
4-Methyl-2-pentanone
Concen: 64.432 ug/L
RT: 7.83 min Scan# 2020
Delta R.T. -0.00 min
Lab File: VU036146.D
Acq: 11 Dec 2019 21:05

Tgt Ion: 43 Resp: 778023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 43.0 | 34.5 | 51.7 |
| 100 | 17.1 | 14.3 | 21.5 |



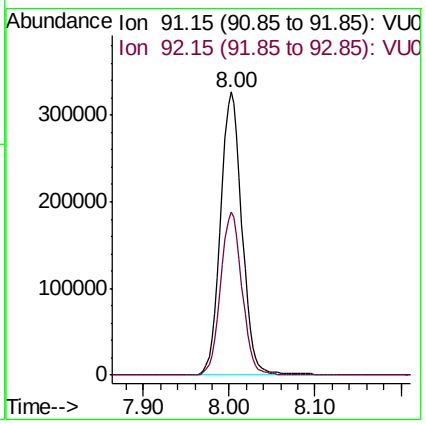


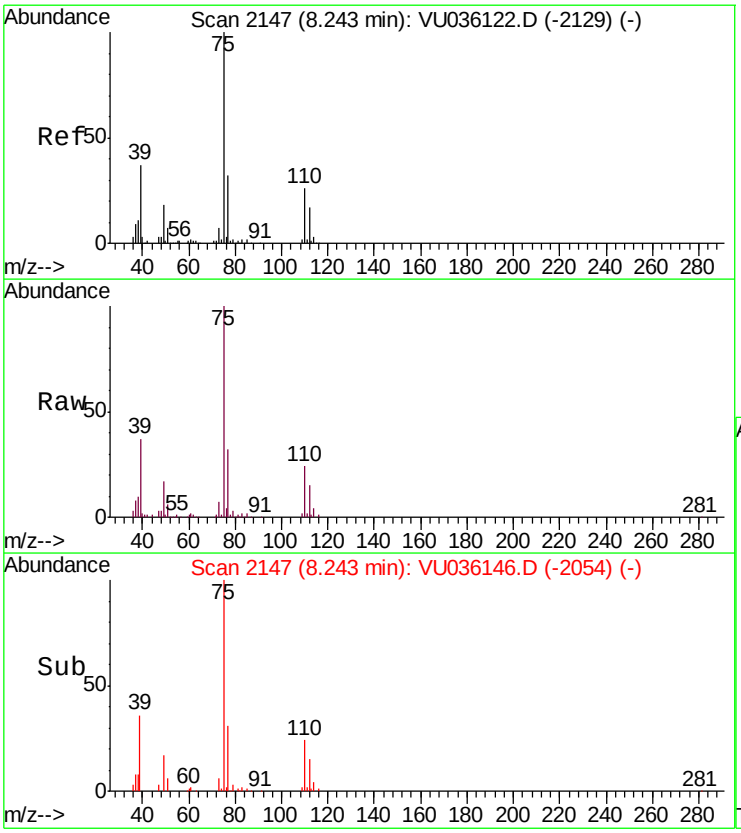

#42
Toluene
Concen: 5.747 ug/L
RT: 8.00 min Scan# 2072
Delta R.T. -0.00 min
Lab File: VU036146.D
Acq: 11 Dec 2019 21:05

**Instrument :** MSVOA_U
**ClientSampleId :** VSTD00509

Tgt Ion: 91 Resp: 568034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 57.7 | 40.0 | 74.4 |

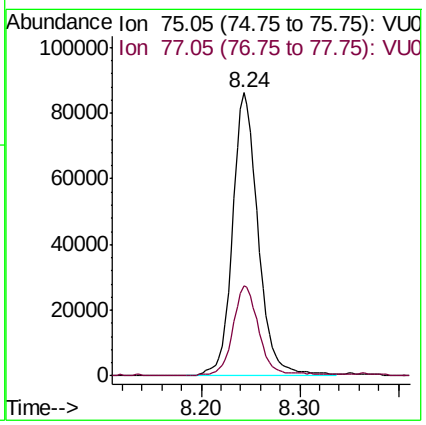


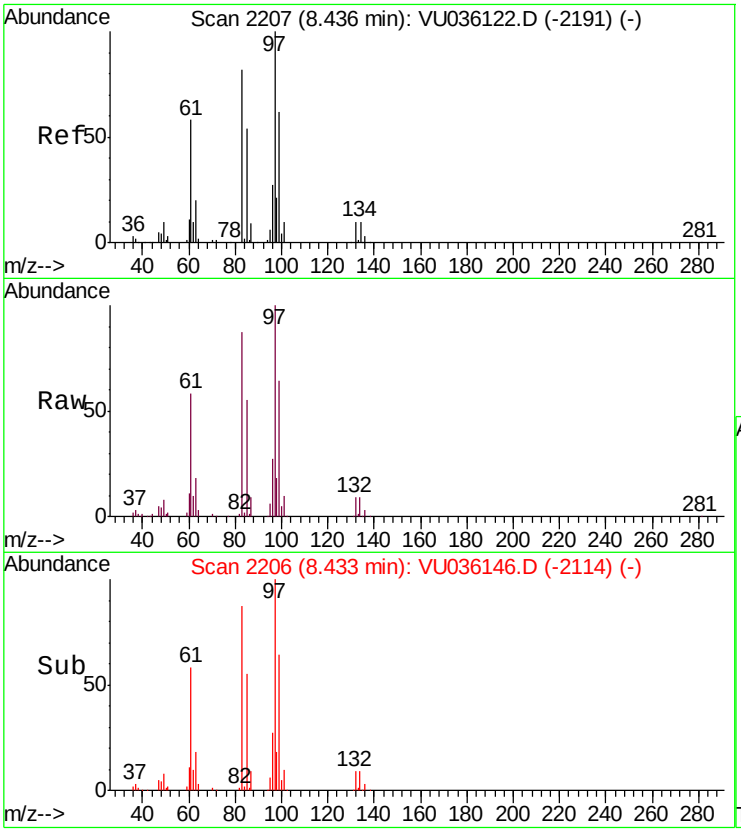




#44
trans-1,3-Dichloropropene
Concen: 5.730 ug/L
RT: 8.24 min Scan# 2147
Delta R.T. -0.00 min
Lab File: VU036146.D
Acq: 11 Dec 2019 21:05

Tgt Ion: 75 Resp: 155639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.9 | 22.9 | 42.5 |



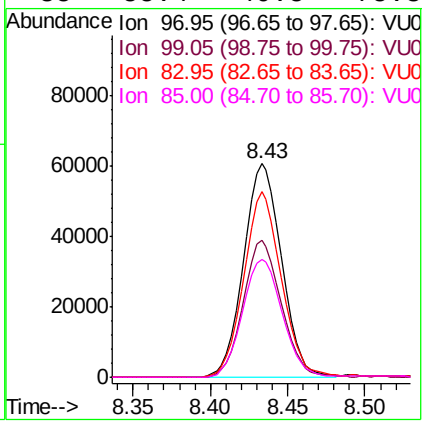


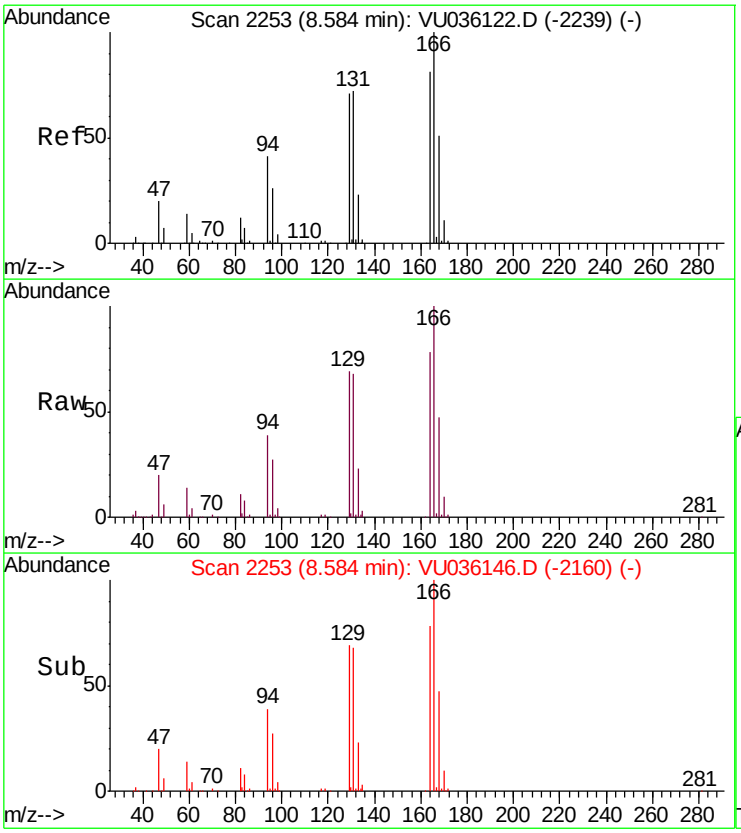

#45
1,1,2-Trichloroethane
Concen: 5.701 ug/L
RT: 8.43 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VU036146.D
Acq: 11 Dec 2019 21:05

**Instrument :** MSVOA_U
**ClientSampleId :** VSTD00509

Tgt Ion: 97 Resp: 103769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.4 | 46.1 | 85.7 |
| 83 | 87.1 | 59.6 | 110.8 |
| 85 | 55.4 | 40.5 | 75.3 |




#47
Tetrachloroethene
Concen: 4.742 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU036146.D
Acq: 11 Dec 2019 21:05

Tgt Ion:164 Resp: 110323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 89.0 | 63.1 | 117.3 |
| 131 | 87.1 | 61.5 | 114.1 |
| 166 | 128.5 | 91.0 | 169.0 |