Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110419\

Quantitation Report (Not Reviewed)

Data File : VU035603.D
Acq On : 04 Nov 2019 11:46
Operator : JC/SP
Sample : VSTD01005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VSTD01005

Quant Time: Nov 05 01:21:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 05 01:18:09 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.29 | 114 | 250745 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.45 | 117 | 267356 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152 | 165456 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.61 | 65 | 258838 | 8.15 | ug/L | 0.00 |
| 7) Chloroethane-d5 | 1.93 | 69 | 215993 | 8.32 | ug/L | 0.00 |
| 11) 1,1-Dichloroethene-d2 | 2.60 | 63 | 435354 | 8.28 | ug/L | 0.00 |
| 20) 2-Butanone-d5 | 4.71 | 46 | 589805 | 92.66 | ug/L | 0.00 |
| 24) Chloroform-d | 5.11 | 84 | 420419 | 9.03 | ug/L | 0.00 |
| 26) 1,2-Dichloroethane-d4 | 5.75 | 65 | 212099 | 8.47 | ug/L | 0.00 |
| 32) Benzene-d6 | 5.77 | 84 | 882451 | 9.63 | ug/L | 0.00 |
| 36) 1,2-Dichloropropane-d6 | 6.74 | 67 | 277014 | 9.28 | ug/L | 0.00 |
| 41) Toluene-d8 | 7.93 | 98 | 845641 | 10.16 | ug/L | 0.00 |
| 43) trans-1,3-Dichloropropene- | 8.21 | 79 | 115886 | 10.00 | ug/L | 0.00 |
| 46) 2-Hexanone-d5 | 8.68 | 63 | 495452 | 110.22 | ug/L | 0.00 |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78 | 84 | 234275 | 9.54 | ug/L | 0.00 |
| 64) 1,2-Dichlorobenzene-d4 | 12.22 | 152 | 318877 | 9.58 | ug/L | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.40 | 85 | 275778 | 8.396 | ug/L | 98 |
| 3) Chloromethane | 1.53 | 50 | 308569 | 8.123 | ug/L | 100 |
| 5) Vinyl chloride | 1.62 | 62 | 325862 | 8.580 | ug/L | 98 |
| 6) Bromomethane | 1.88 | 94 | 185411 | 9.222 | ug/L | 97 |
| 8) Chloroethane | 1.95 | 64 | 188560 | 8.414 | ug/L | 99 |
| 9) Trichlorofluoromethane | 2.16 | 101 | 394392 | 8.837 | ug/L | 100 |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.61 | 101 | 231595 | 9.158 | ug/L | 99 |
| 12) 1,1-Dichloroethene | 2.61 | 96 | 223594 | 9.467 | ug/L | 97 |
| 13) Acetone | 2.69 | 43 | 398597 | 82.663 | ug/L | 99 |
| 14) Carbon disulfide | 2.82 | 76 | 718680 | 8.697 | ug/L | 100 |
| 15) Methyl Acetate | 3.00 | 43 | 96289 | 8.652 | ug/L | 100 |
| 16) Methylene chloride | 3.08 | 84 | 243601 | 8.026 | ug/L | 99 |
| 17) Methyl tert-butyl Ether | 3.43 | 73 | 536216 | 9.402 | ug/L | 99 |
| 18) trans-1,2-Dichloroethene | 3.39 | 96 | 232135 | 9.089 | ug/L | 100 |
| 19) 1,1-Dichloroethane | 3.92 | 63 | 428635 | 8.604 | ug/L | 99 |
| 21) 2-Butanone | 4.79 | 43 | 640647 | 90.954 | ug/L | 99 |
| 22) cis-1,2-Dichloroethene | 4.72 | 96 | 256814 | 9.366 | ug/L | 99 |
| 23) Bromochloromethane | 5.03 | 128 | 119138 | 9.316 | ug/L | 98 |
| 25) Chloroform | 5.14 | 83 | 442081 | 8.389 | ug/L | 100 |
| 27) 1,2-Dichloroethane | 5.84 | 62 | 263983 | 8.507 | ug/L | 99 |
| 29) 1,1,1-Trichloroethane | 5.36 | 97 | 362990 | 9.173 | ug/L | 99 |
| 30) Cyclohexane | 5.43 | 56 | 383158 | 9.550 | ug/L | 99 |
| 31) Carbon tetrachloride | 5.57 | 117 | 330538 | 9.351 | ug/L | 97 |
| 33) Benzene | 5.82 | 78 | 979687 | 9.380 | ug/L | 100 |
| 34) Trichloroethene | 6.58 | 95 | 248907 | 9.603 | ug/L | 97 |
| 35) Methylcyclohexane | 6.80 | 83 | 403965 | 10.081 | ug/L | 97 |
| 37) 1,2-Dichloropropane | 6.84 | 63 | 252053 | 9.121 | ug/L | 99 |
| 38) Bromodichloromethane | 7.15 | 83 | 307136 | 8.985 | ug/L | 98 |
| 39) cis-1,3-Dichloropropene | 7.65 | 75 | 377261 | 9.785 | ug/L | 100 |
| 40) 4-Methyl-2-pentanone | 7.84 | 43 | 1540269 | 95.522 | ug/L | 99 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110419\

Quantitation Report (Not Reviewed)

Data File : VU035603.D
Acq On : 04 Nov 2019 11:46
Operator : JC/SP
Sample : VSTD01005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VSTD01005

Quant Time: Nov 05 01:21:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 05 01:18:09 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 42) Toluene | 8.01 | 91 | 1068615 | 9.978 | ug/L | 99 |
| 44) trans-1,3-Dichloropropene | 8.25 | 75 | 304720 | 9.954 | ug/L | 100 |
| 45) 1,1,2-Trichloroethane | 8.44 | 97 | 181840 | 9.394 | ug/L | 99 |
| 47) Tetrachloroethene | 8.58 | 164 | 219664 | 10.151 | ug/L | 96 |
| 48) 2-Hexanone | 8.73 | 43 | 1078815 | 99.411 | ug/L | 95 |
| 49) Dibromochloromethane | 8.84 | 129 | 227867 | 9.959 | ug/L | 98 |
| 50) 1,2-Dibromoethane | 8.96 | 107 | 177793 | 9.873 | ug/L | 97 |
| 51) Chlorobenzene | 9.48 | 112 | 676657 | 9.887 | ug/L | 98 |
| 52) Ethylbenzene | 9.60 | 91 | 1142240 | 10.207 | ug/L | 99 |
| 53) m,p-Xylene | 9.72 | 106 | 441620 | 10.753 | ug/L | 100 |
| 54) o-Xylene | 10.13 | 106 | 430491 | 10.736 | ug/L | 99 |
| 55) Styrene | 10.14 | 104 | 736162 | 11.252 | ug/L | 99 |
| 56) Isopropylbenzene | 10.51 | 105 | 1132351 | 10.794 | ug/L | 100 |
| 58) 1,1,2,2-Tetrachloroethane | 10.81 | 83 | 238188 | 9.462 | ug/L | 99 |
| 59) 1,2,3-Trichloropropane | 10.85 | 75 | 167714 | 9.381 | ug/L | 99 |
| 61) Bromoform | 10.32 | 173 | 141418 | 8.731 | ug/L | 100 |
| 62) 1,3-Dichlorobenzene | 11.77 | 146 | 551528 | 9.739 | ug/L | 98 |
| 63) 1,4-Dichlorobenzene | 11.86 | 146 | 544868 | 9.685 | ug/L | 98 |
| 65) 1,2-Dichlorobenzene | 12.24 | 146 | 523680 | 9.592 | ug/L | 100 |
| 66) 1,2-Dibromo-3-chloropropan | 13.02 | 75 | 32305 | 9.004 | ug/L | 94 |
| 67) 1,3,5-Trichlorobenzene | 13.24 | 180 | 402714 | 11.459 | ug/L | 99 |
| 68) 1,2,4-trichlorobenzene | 13.86 | 180 | 263219 | 13.428 | ug/L | 98 |
| 69) Naphthalene | 14.11 | 128 | 324936 | 12.244 | ug/L | 98 |
| 70) 1,2,3-Trichlorobenzene | 14.35 | 180 | 249392 | 12.852 | ug/L | 97 |

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

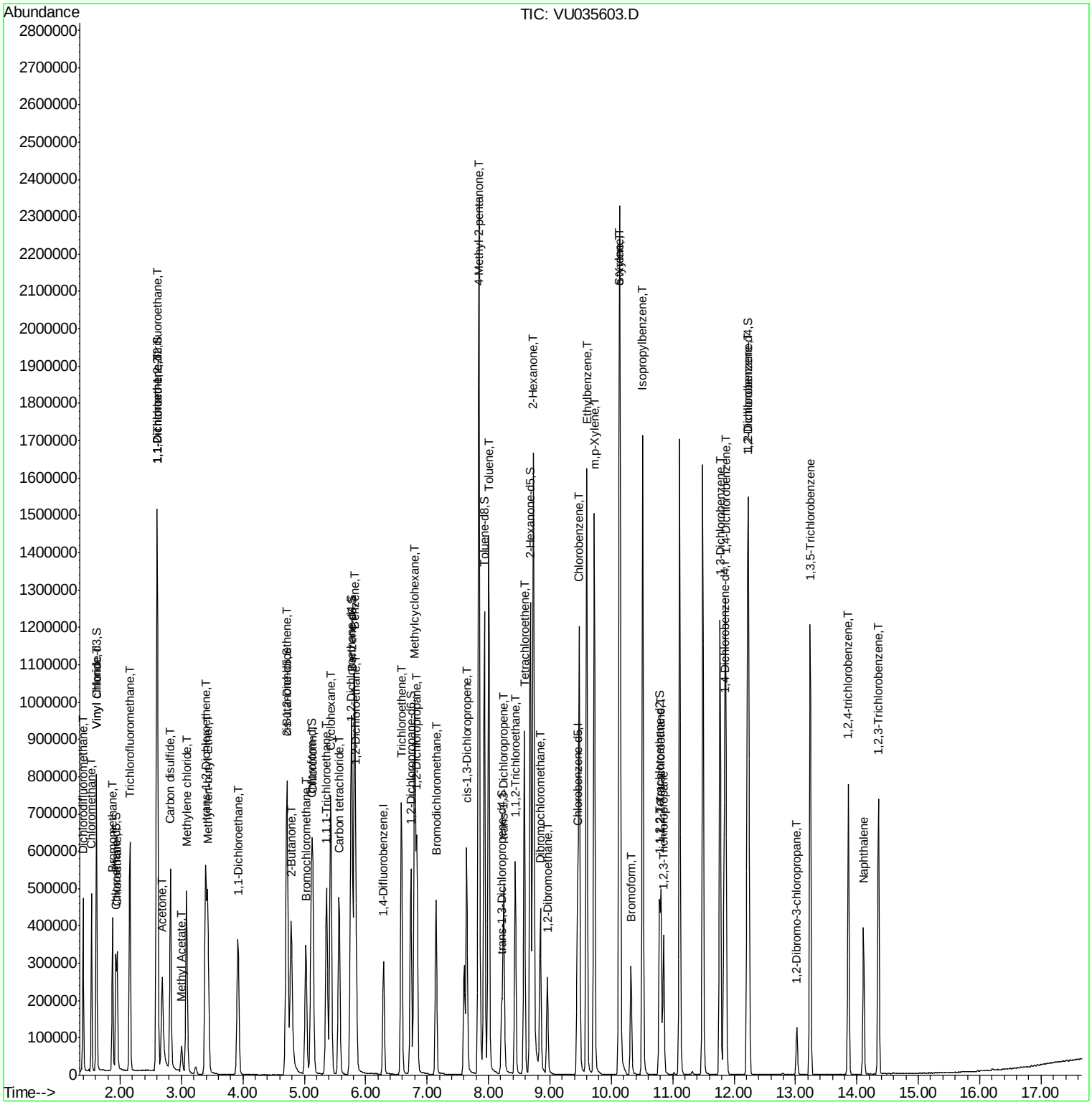
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110419\

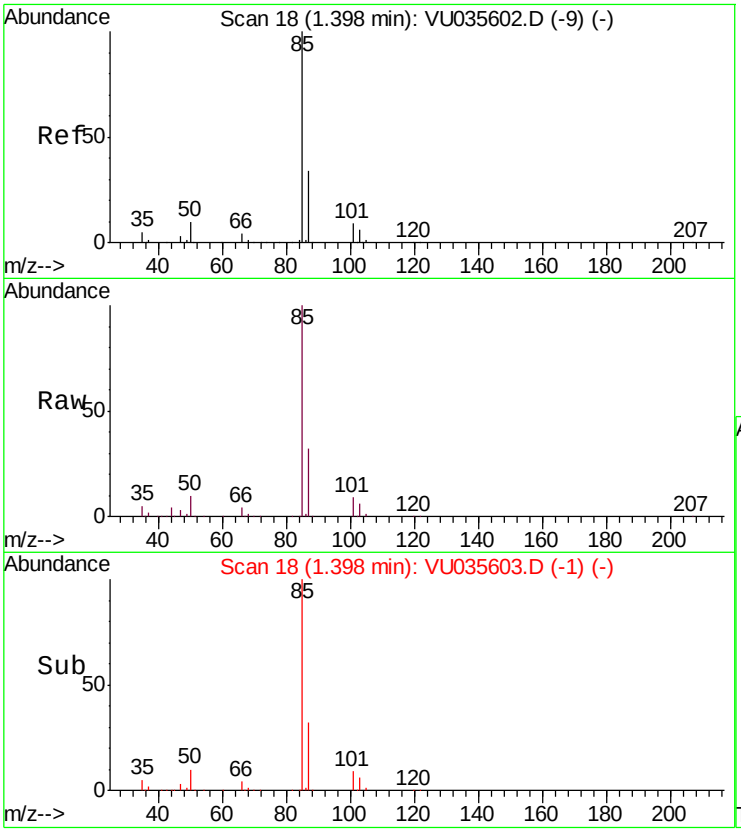
Quantitation Report (Not Reviewed)

Data File : VU035603.D
Acq On : 04 Nov 2019 11:46
Operator : JC/SP
Sample : VSTD01005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD01005

Quant Time: Nov 05 01:21:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 05 01:18:09 2019
Response via : Initial Calibration



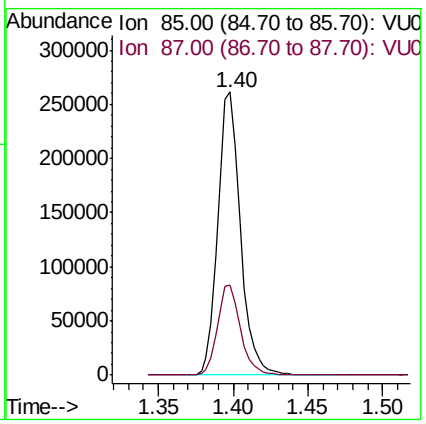


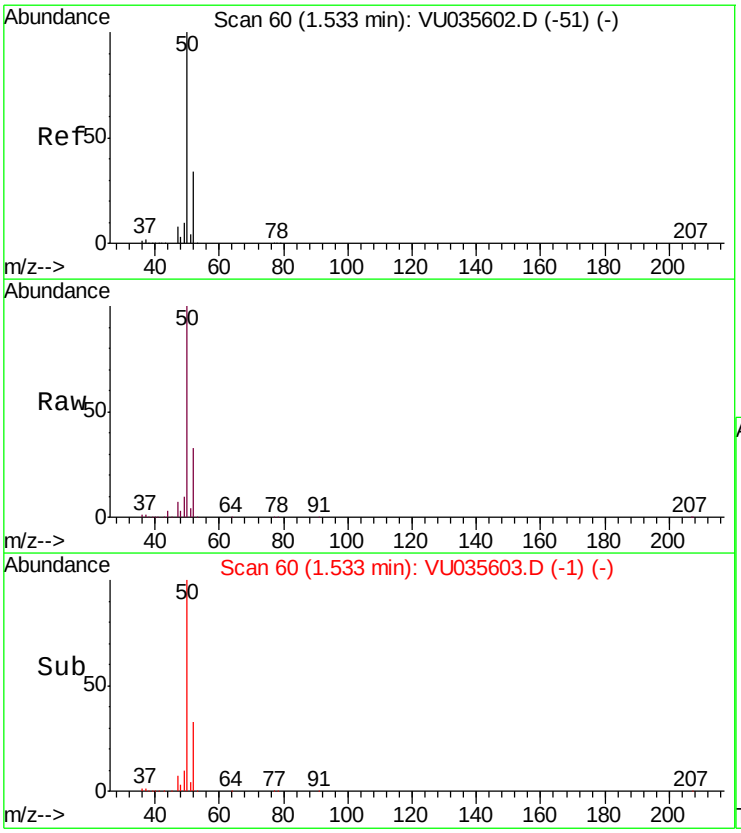

#2
Dichlorodifluoromethane
Concen: 8.396 ug/L
RT: 1.40 min Scan# 18
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD01005

Tgt Ion: 85 Resp: 275778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.3 | 26.8 | 40.2 |

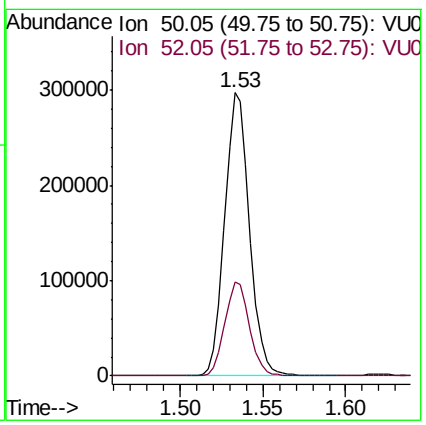


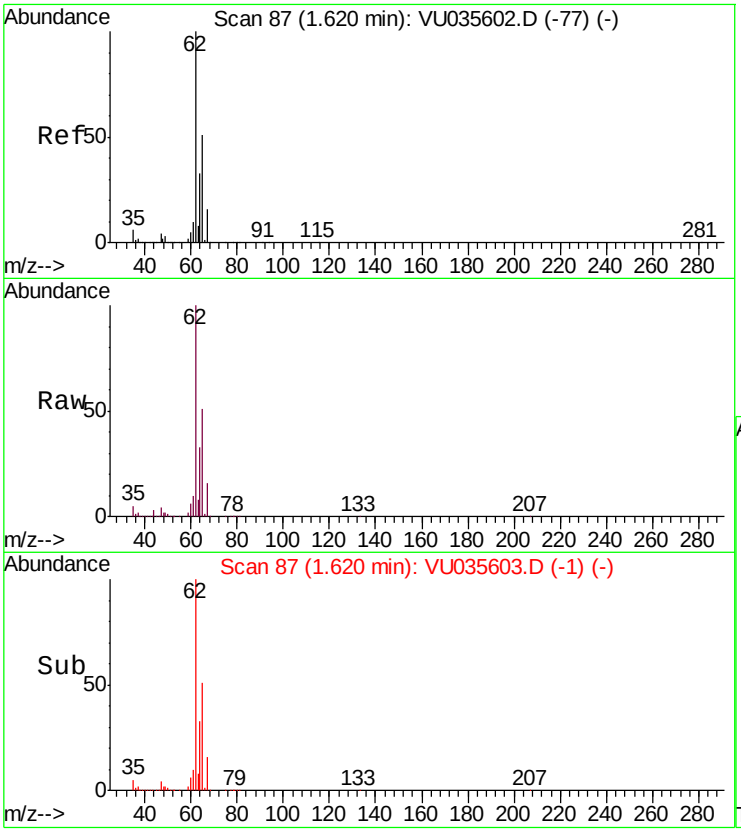




#3
Chloromethane
Concen: 8.123 ug/L
RT: 1.53 min Scan# 60
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

Tgt Ion: 50 Resp: 308569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.2 | 23.4 | 43.6 |



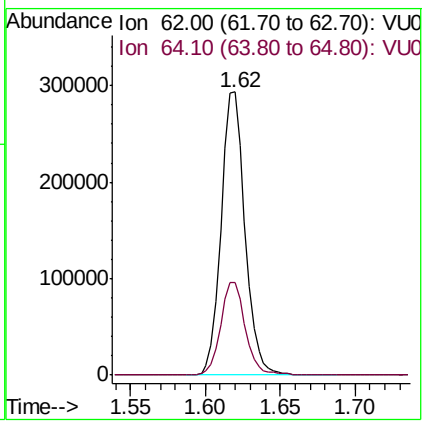


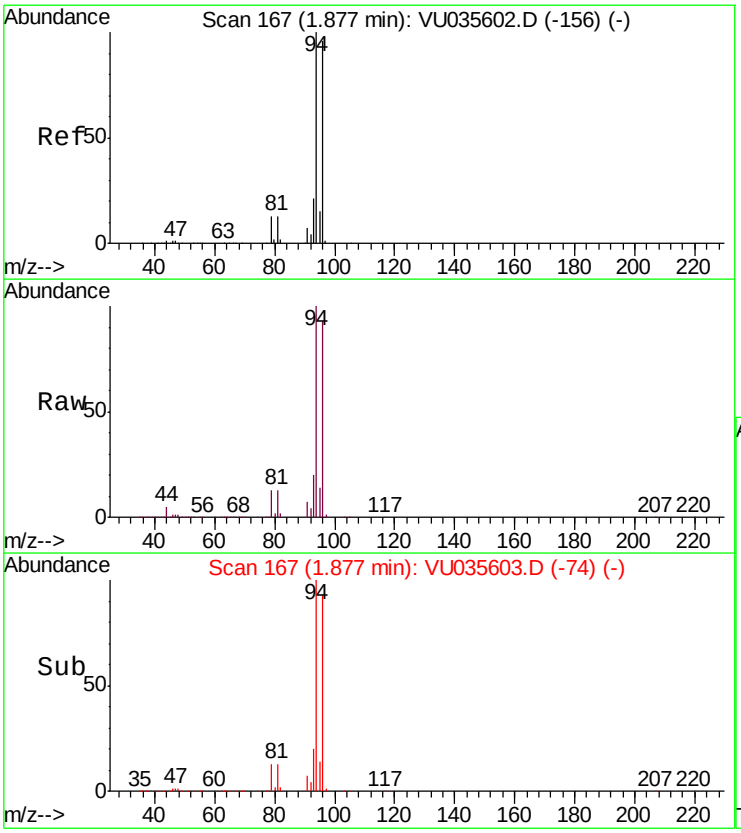

#5
Vinyl chloride
Concen: 8.580 ug/L
RT: 1.62 min Scan# 87
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD01005

Tgt Ion: 62 Resp: 325862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.7 | 23.5 | 43.7 |

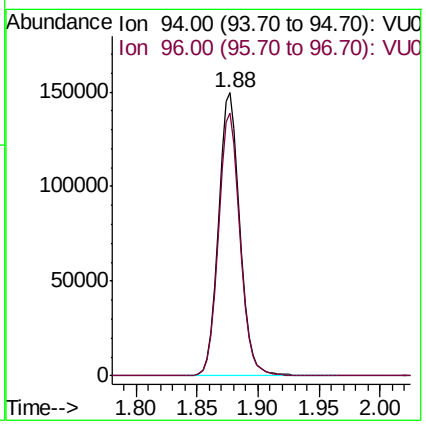


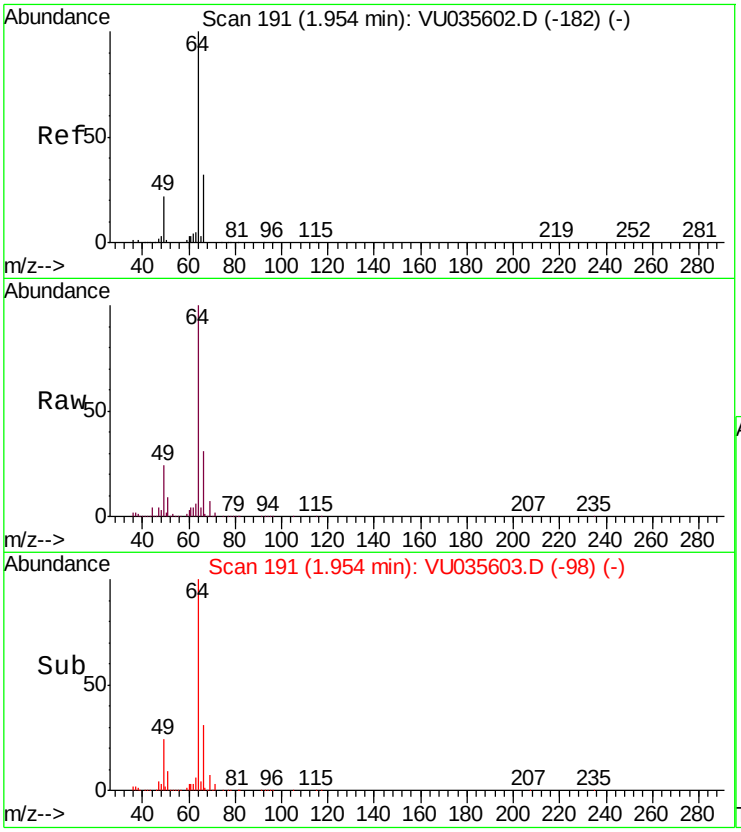




#6
Bromomethane
Concen: 9.222 ug/L
RT: 1.88 min Scan# 167
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

Tgt Ion: 94 Resp: 185411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 92.8 | 66.8 | 124.2 |



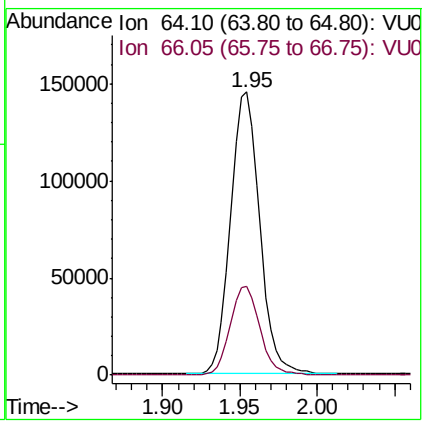


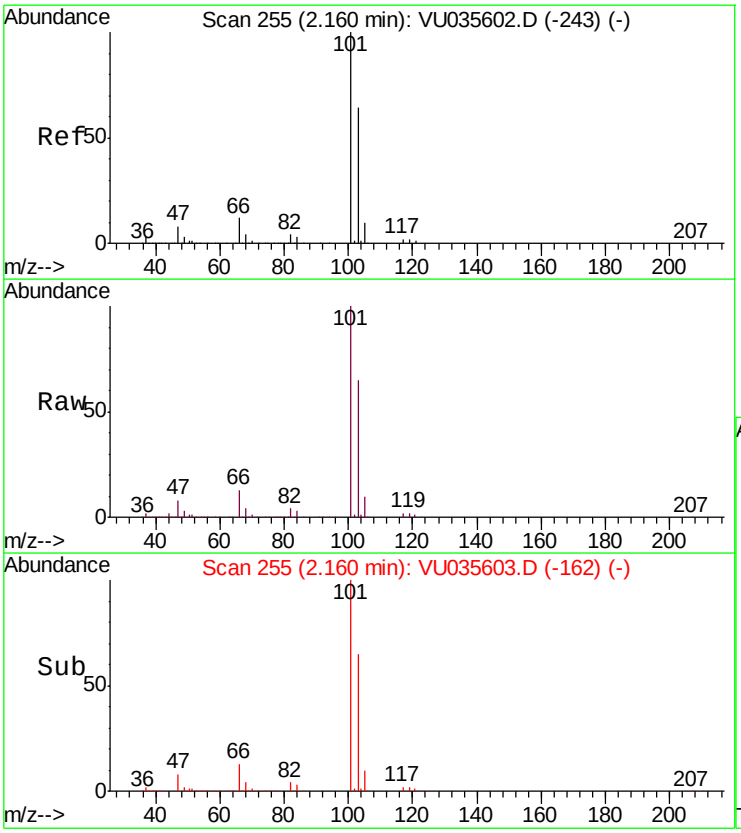

#8
Chloroethane
Concen: 8.414 ug/L
RT: 1.95 min Scan# 191
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD01005

Tgt Ion: 64 Resp: 188560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 31.3 | 22.5 | 41.7 |

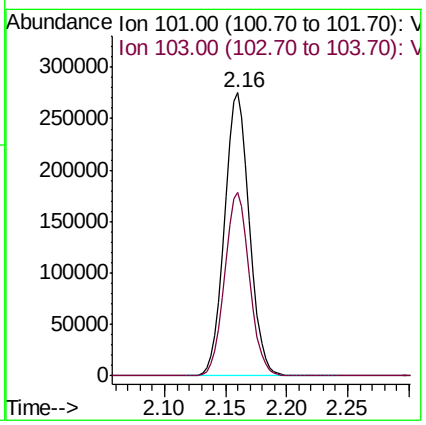


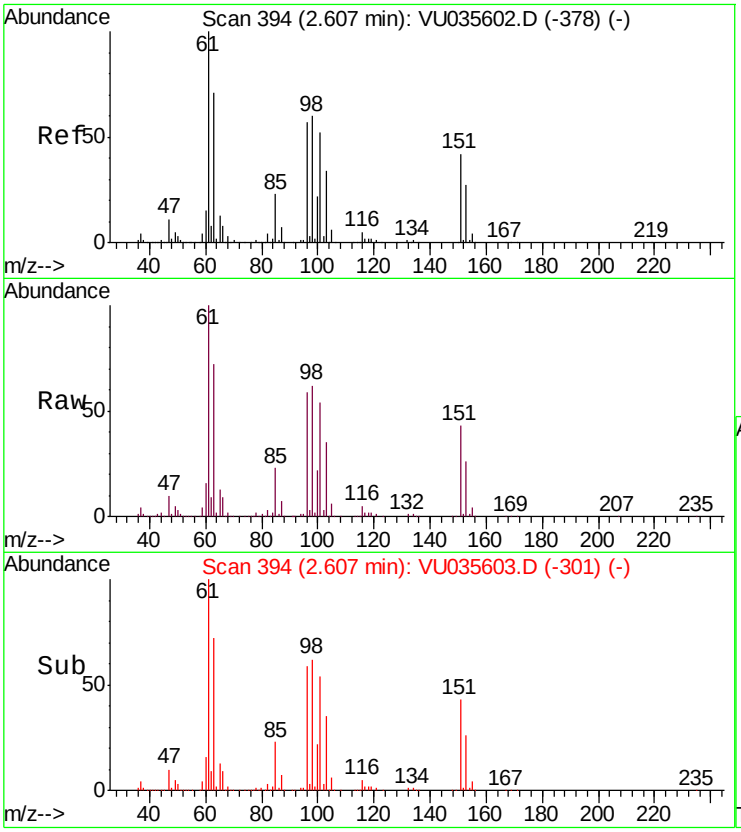




#9
Trichlorofluoromethane
Concen: 8.837 ug/L
RT: 2.16 min Scan# 255
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

Tgt Ion:101 Resp: 394392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 64.9 | 51.8 | 77.6 |



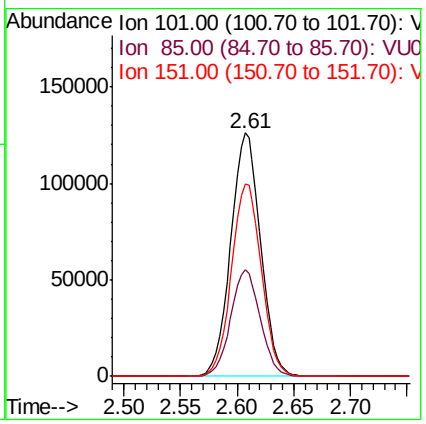


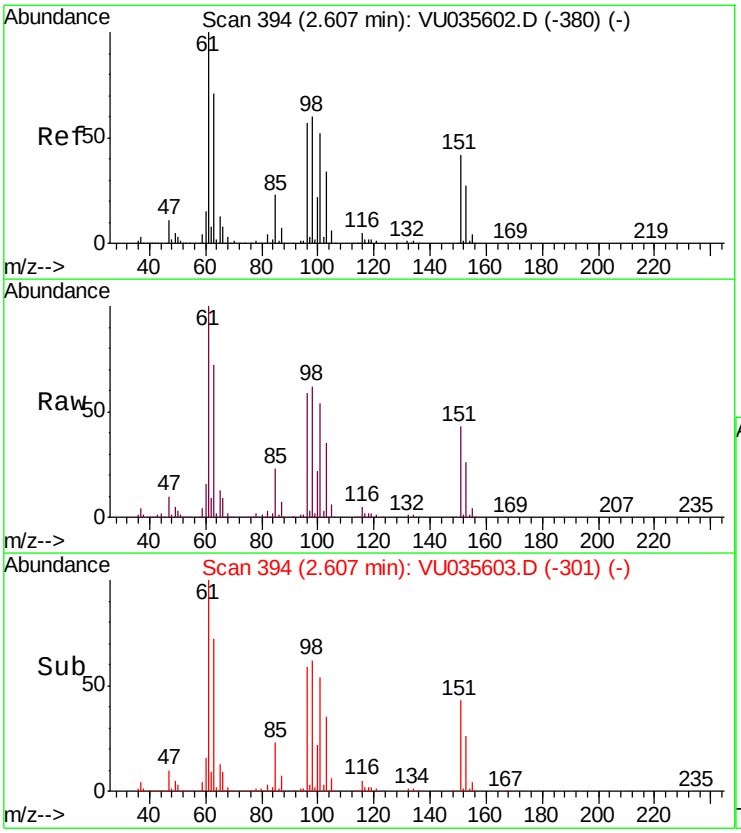

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.158 ug/L
RT: 2.61 min Scan# 394
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD01005

Tgt Ion:101 Resp: 231595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 43.2 | 35.0 | 52.6 |
| 151 | 79.1 | 64.0 | 96.0 |

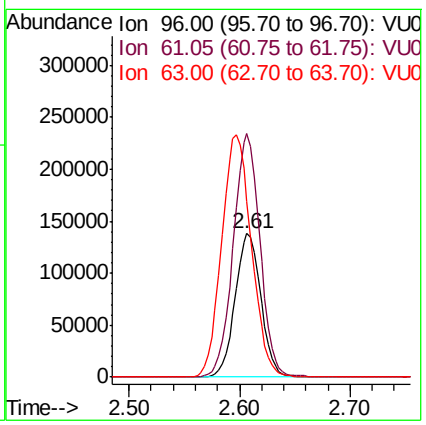


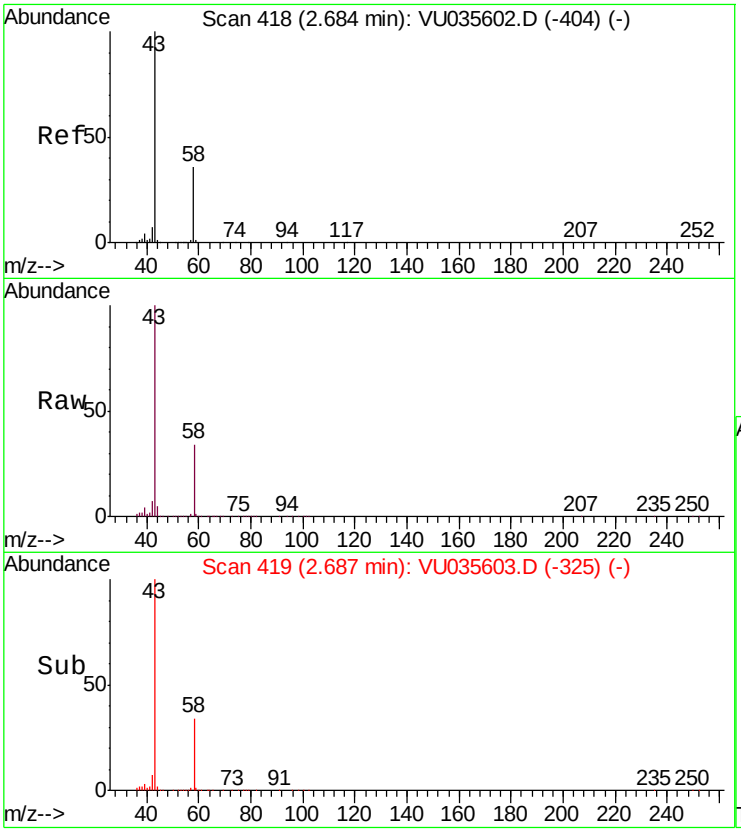




#12
1,1-Dichloroethene
Concen: 9.467 ug/L
RT: 2.61 min Scan# 394
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

Tgt Ion: 96 Resp: 223594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 170.1 | 123.1 | 228.5 |
| 63 | 122.8 | 87.8 | 163.0 |



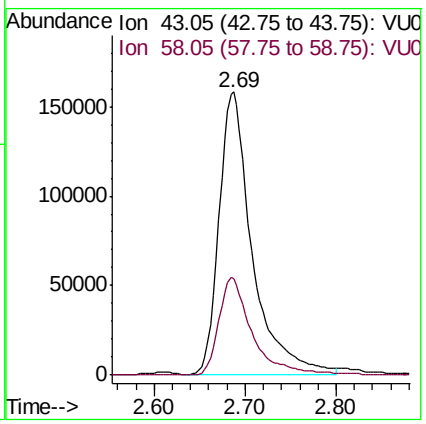


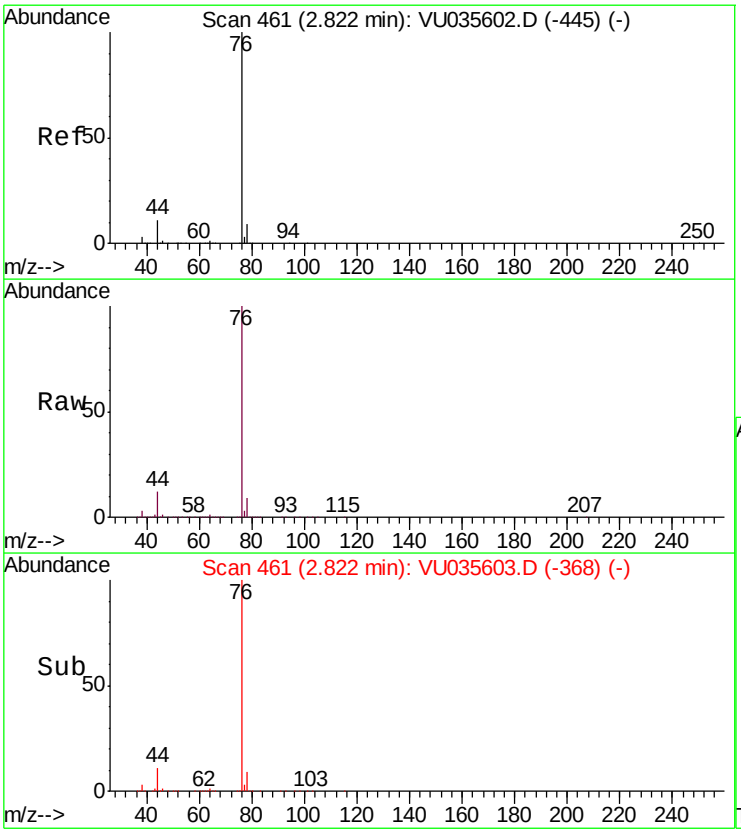

#13
Acetone
Concen: 82.663 ug/L
RT: 2.69 min Scan# 419
Delta R.T. 0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

**Instrument :** MSVOA_U
**ClientSampleId :** VSTD01005

Tgt Ion: 43 Resp: 398597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 35.4 | 0.0 | 69.8 |

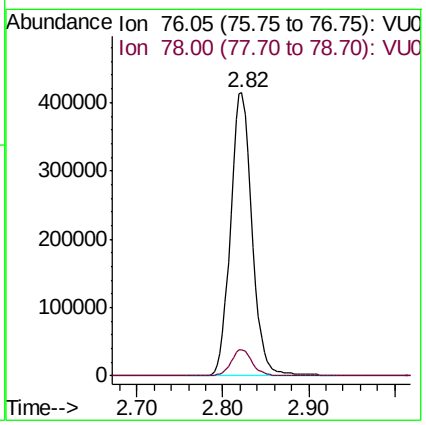


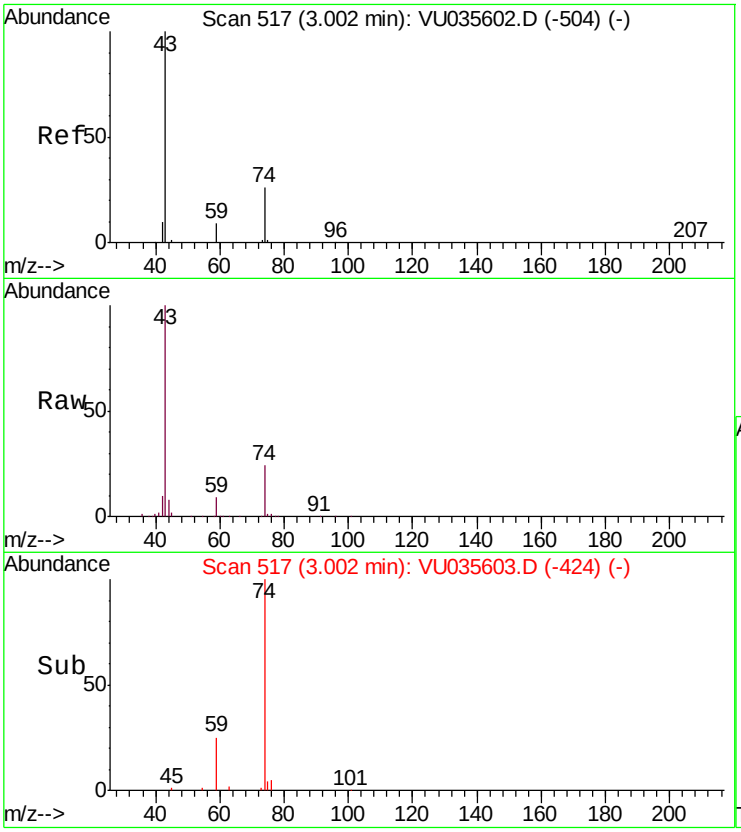




#14
Carbon disulfide
Concen: 8.697 ug/L
RT: 2.82 min Scan# 461
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

Tgt Ion: 76 Resp: 718680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.2 | 7.4 | 11.0 |



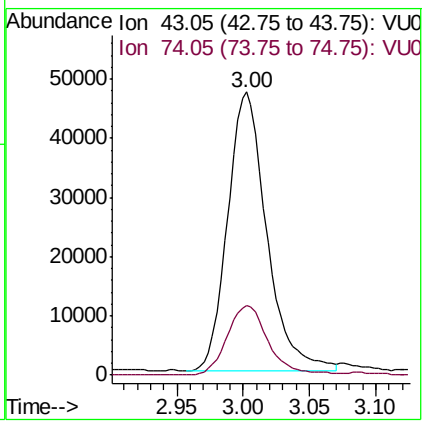


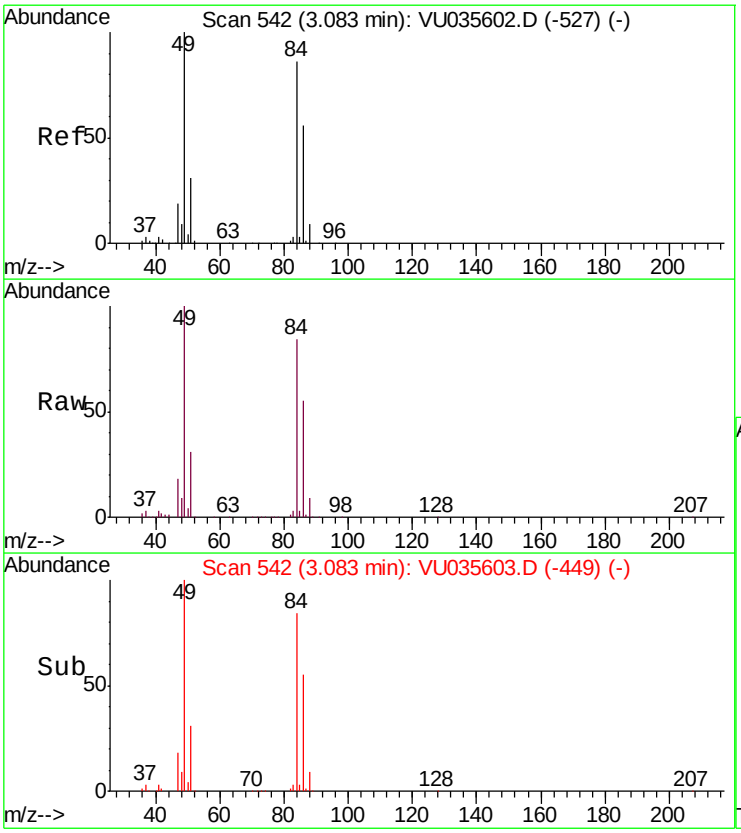

#15
Methyl Acetate
Concen: 8.652 ug/L
RT: 3.00 min Scan# 517
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

**Instrument :** MSVOA_U
**ClientSampleId :** VSTD01005

Tgt Ion: 43 Resp: 96289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 26.5 | 21.0 | 31.6 |

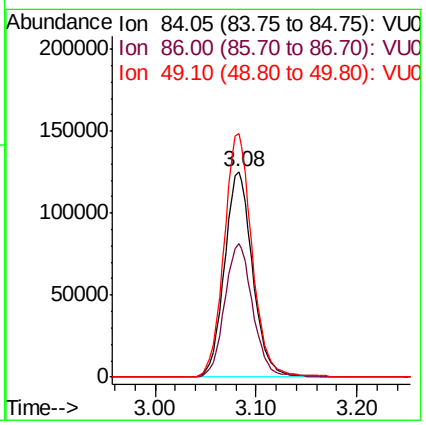


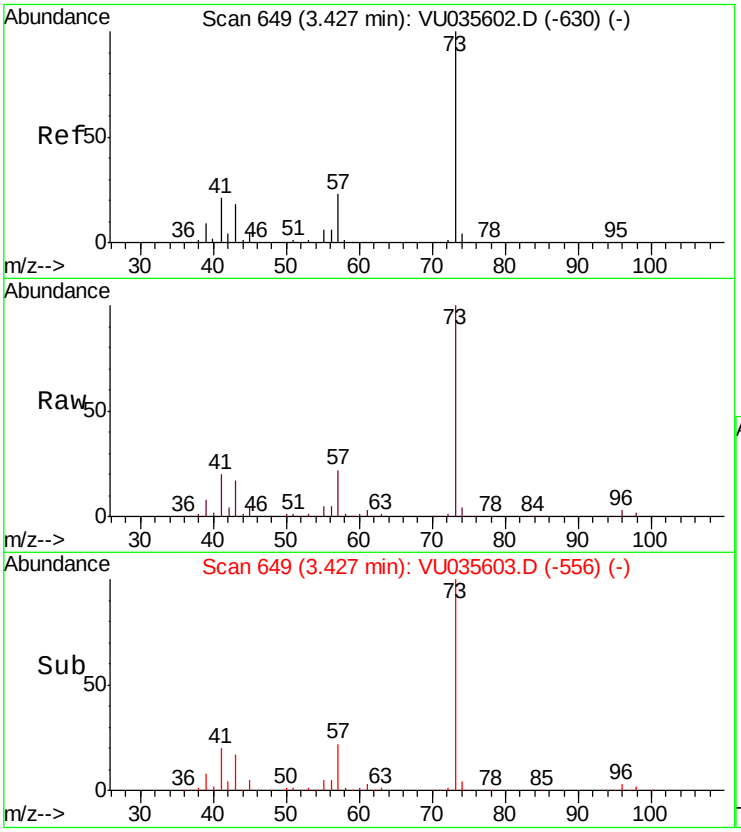




#16
Methylene chloride
Concen: 8.026 ug/L
RT: 3.08 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

Tgt Ion: 84 Resp: 243601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 64.8 | 45.8 | 85.2 |
| 49 | 118.5 | 81.9 | 152.1 |



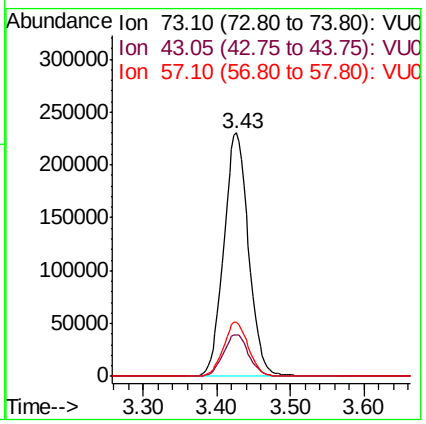


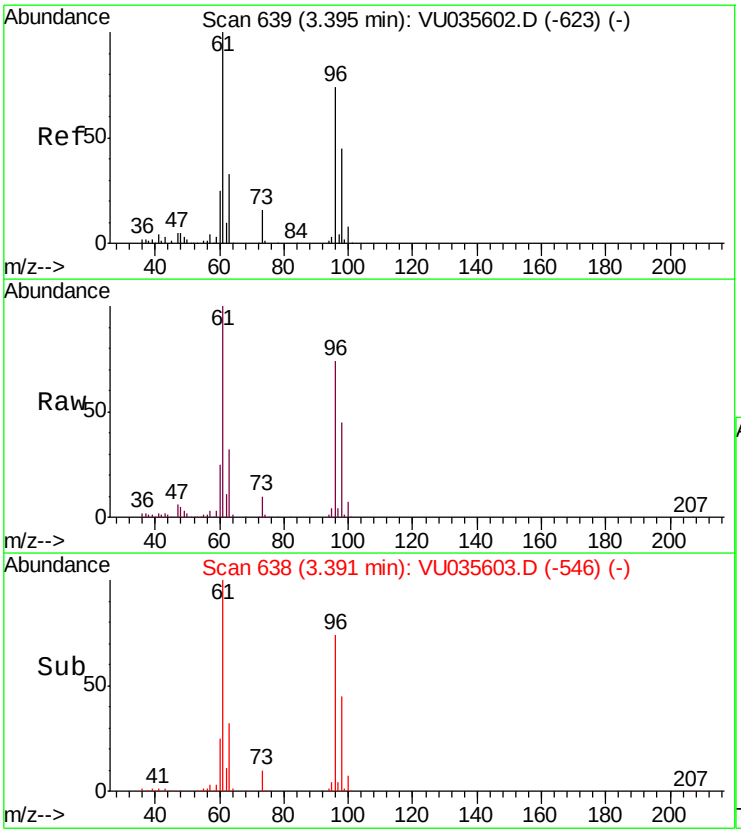

#17
Methyl tert-butyl Ether
Concen: 9.402 ug/L
RT: 3.43 min Scan# 649
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD01005

Tgt Ion: 73 Resp: 536216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 17.4 | 14.4 | 21.6 |
| 57 | 22.4 | 18.2 | 27.2 |

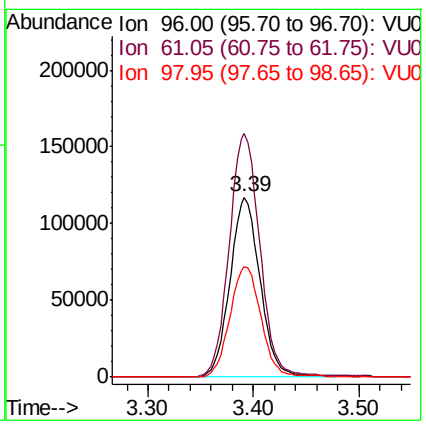


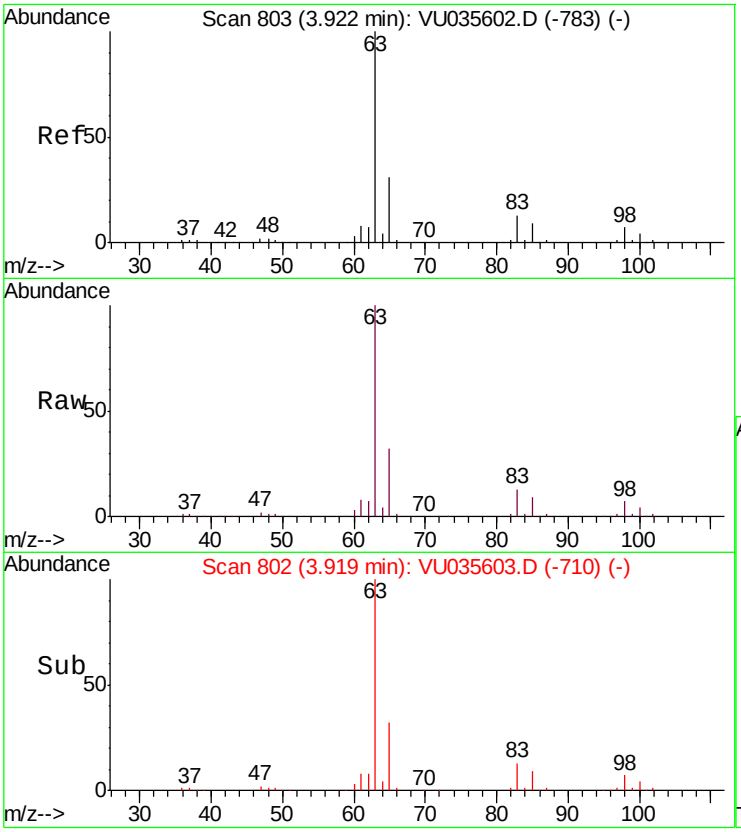




#18
trans-1,2-Dichloroethene
Concen: 9.089 ug/L
RT: 3.39 min Scan# 638
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

Tgt Ion: 96 Resp: 232135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 135.6 | 95.0 | 176.4 |
| 98 | 61.5 | 42.5 | 78.9 |



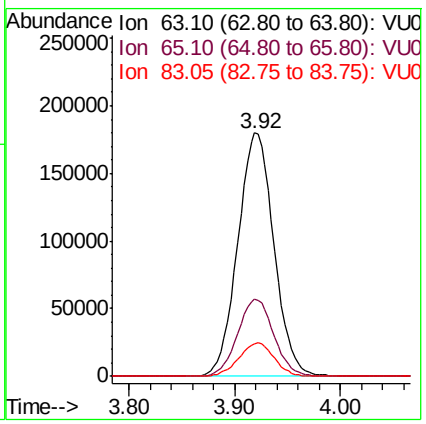


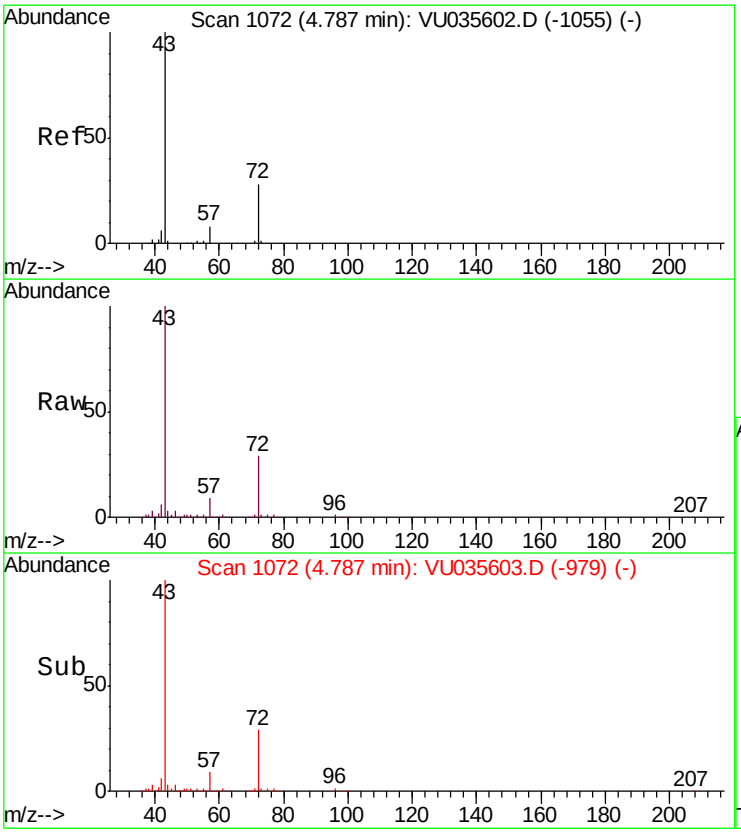

#19
1,1-Dichloroethane
Concen: 8.604 ug/L
RT: 3.92 min Scan# 802
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

**Instrument :** MSVOA_U
**ClientSampleId :** VSTD01005

Tgt Ion: 63 Resp: 428635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.8 | 22.0 | 40.8 |
| 83 | 13.4 | 9.3 | 17.3 |

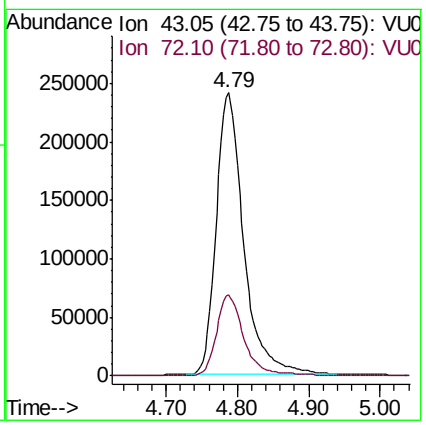


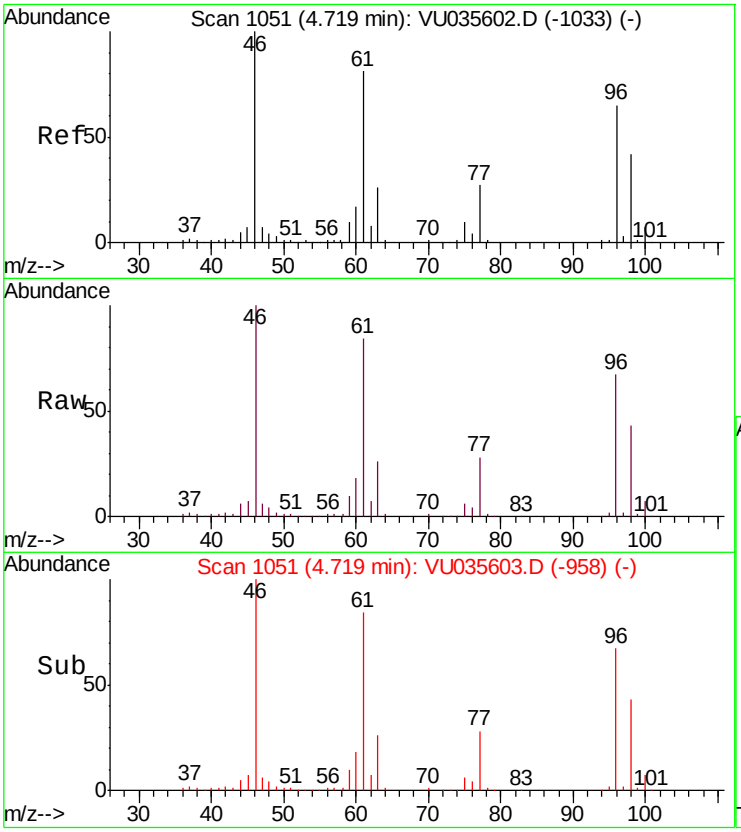




#21
2-Butanone
Concen: 90.954 ug/L
RT: 4.79 min Scan# 1072
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

Tgt Ion: 43 Resp: 640647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 28.3 | 14.3 | 42.9 |



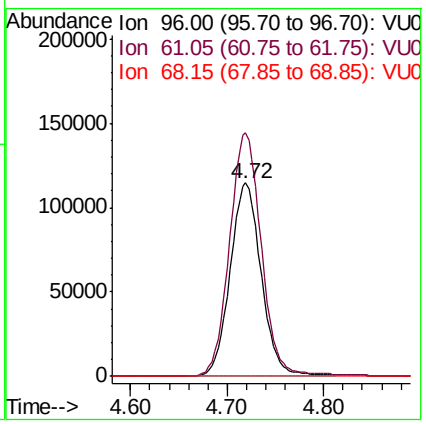


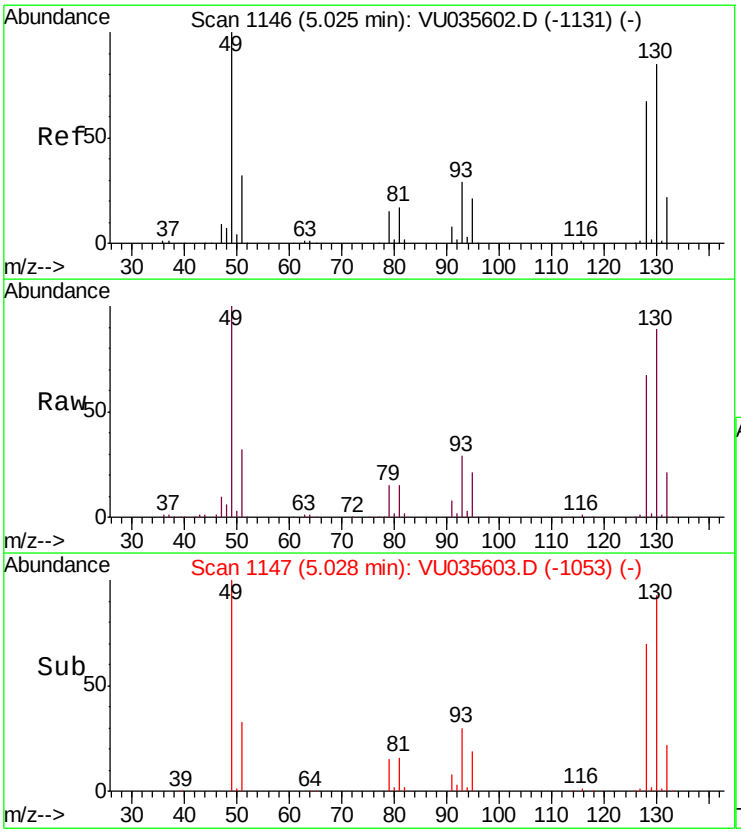

#22
cis-1,2-Dichloroethene
Concen: 9.366 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD01005

Tgt Ion: 96 Resp: 256814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 125.9 | 87.0 | 161.6 |
| 68 | 0.0 | 0.0 | 0.0 |

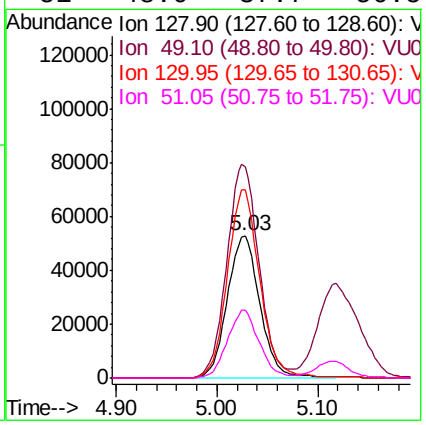


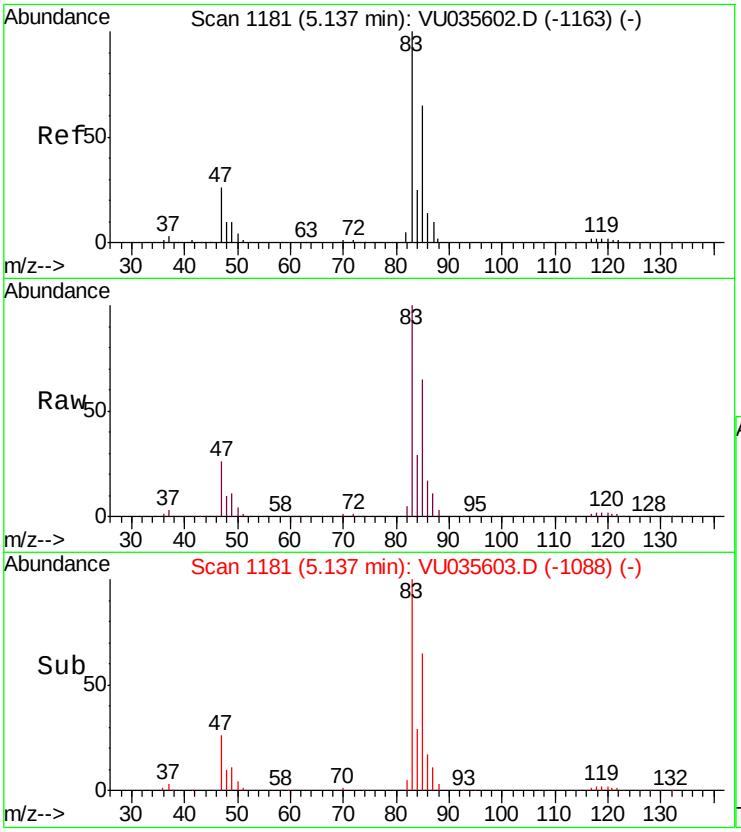




#23
Bromochloromethane
Concen: 9.316 ug/L
RT: 5.03 min Scan# 1147
Delta R.T. 0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

Tgt Ion:128 Resp: 119138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 49 | 148.5 | 104.1 | 193.3 |
| 130 | 131.8 | 88.4 | 164.2 |
| 51 | 48.0 | 37.7 | 56.5 |



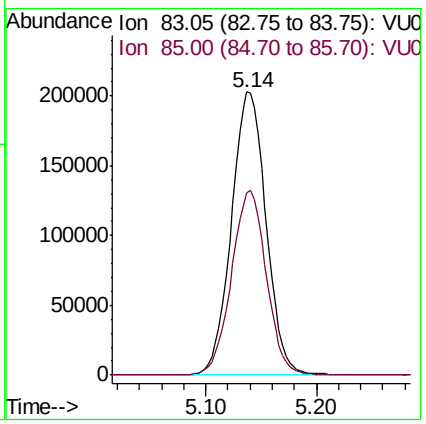


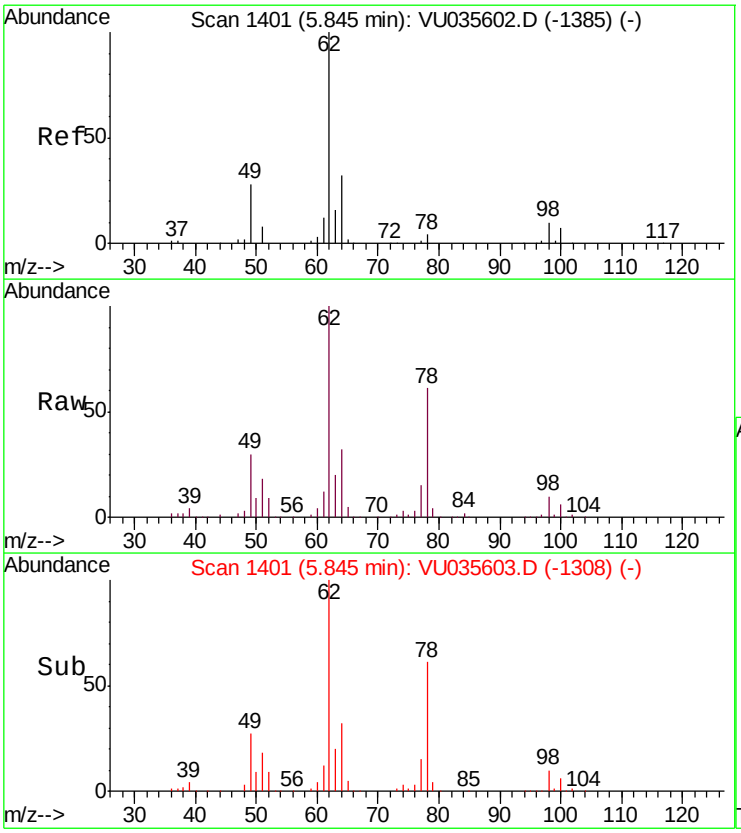

#25
Chloroform
Concen: 8.389 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD01005

Tgt Ion: 83 Resp: 442081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.5 | 45.4 | 84.2 |

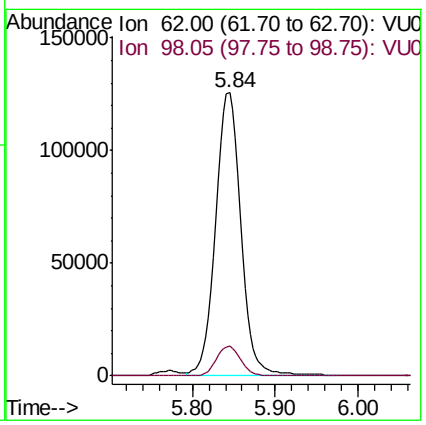


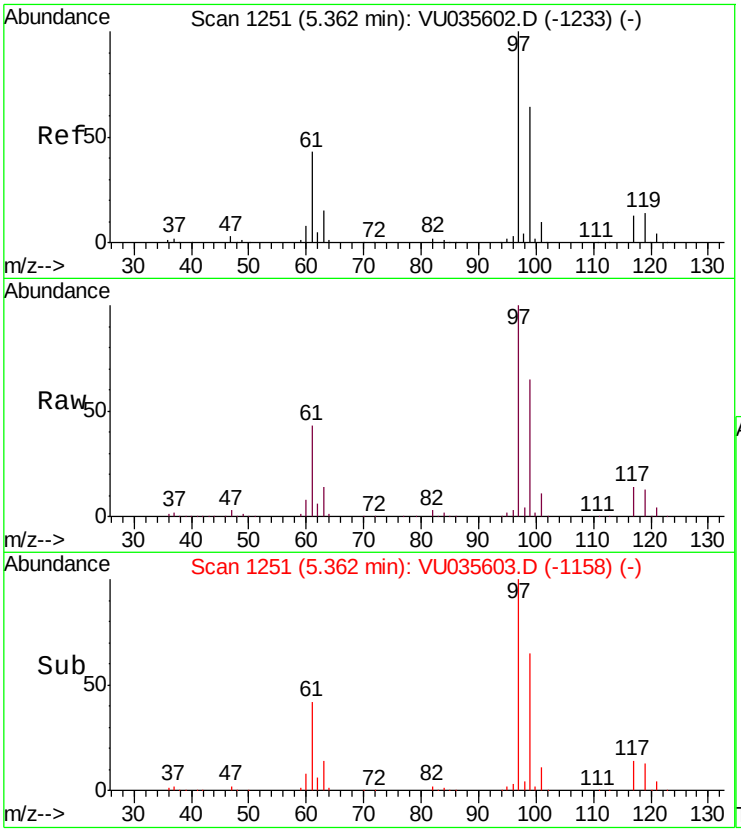




#27
1,2-Dichloroethane
Concen: 8.507 ug/L
RT: 5.84 min Scan# 1401
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

Tgt Ion: 62 Resp: 263983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 10.4 | 8.0 | 12.0 |



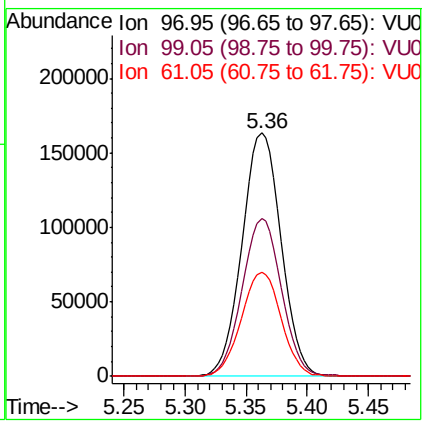


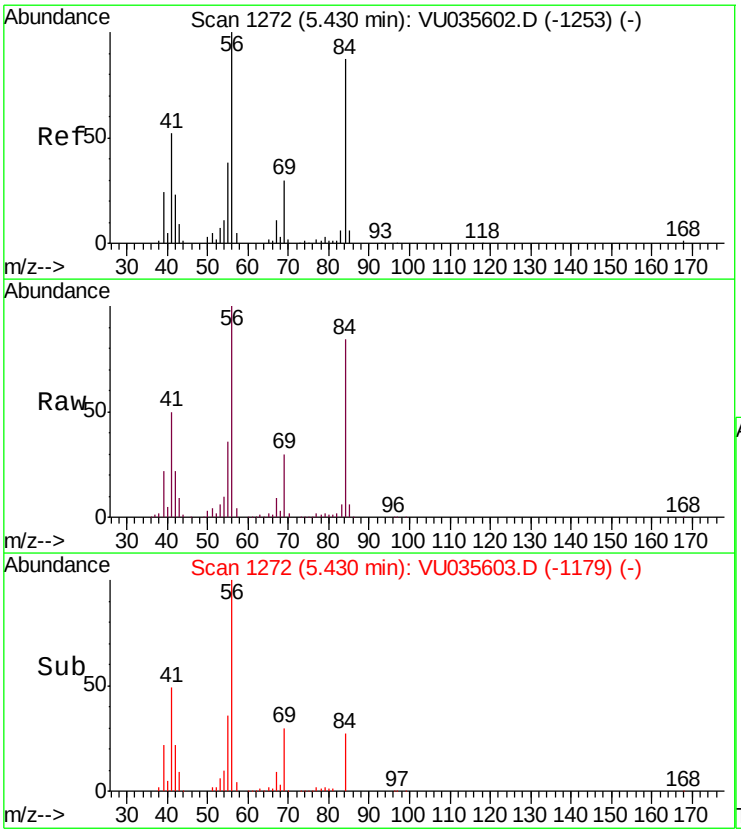

#29
1,1,1-Trichloroethane
Concen: 9.173 ug/L
RT: 5.36 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD01005

Tgt Ion: 97 Resp: 362990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 65.1 | 51.3 | 76.9 |
| 61 | 43.8 | 34.4 | 51.6 |

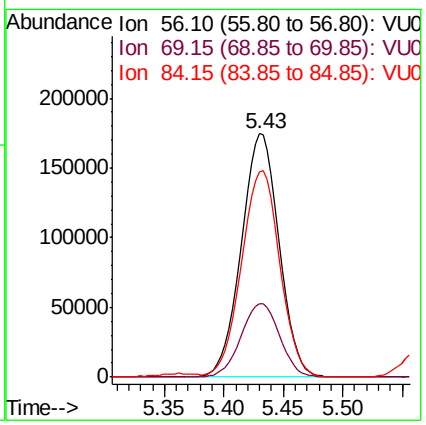


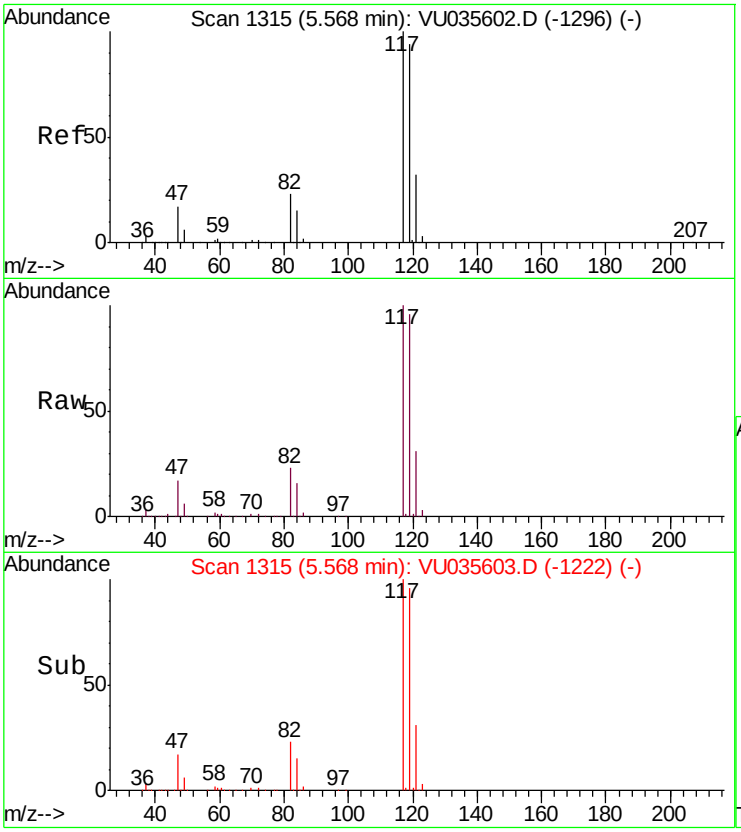




#30
Cyclohexane
Concen: 9.550 ug/L
RT: 5.43 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

Tgt Ion: 56 Resp: 383158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 30.9 | 24.6 | 37.0 |
| 84 | 86.3 | 69.7 | 104.5 |



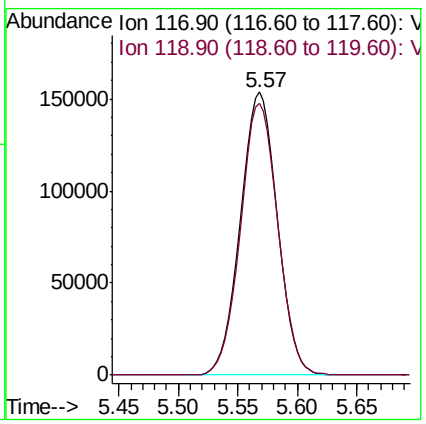


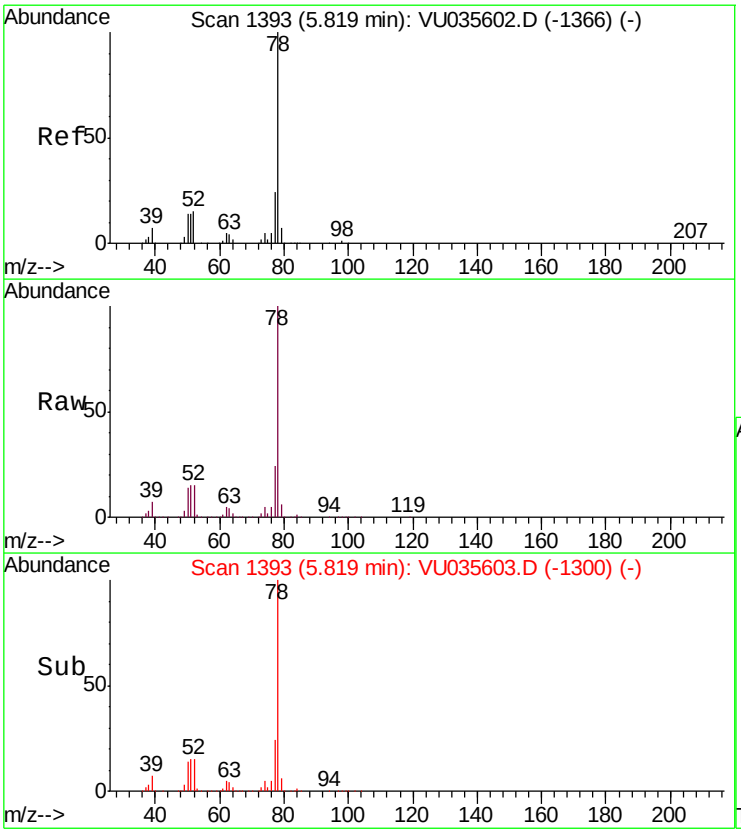

#31
Carbon tetrachloride
Concen: 9.351 ug/L
RT: 5.57 min Scan# 1315
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD01005

Tgt Ion:117 Resp: 330538

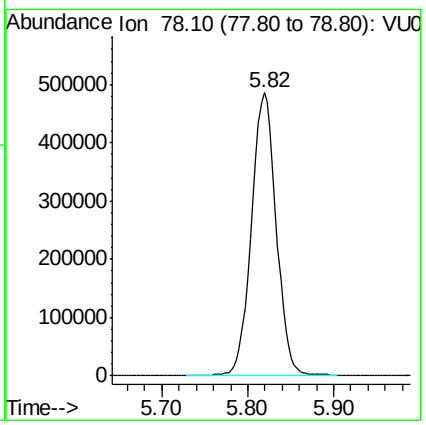
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.0 | 75.3 | 112.9 |

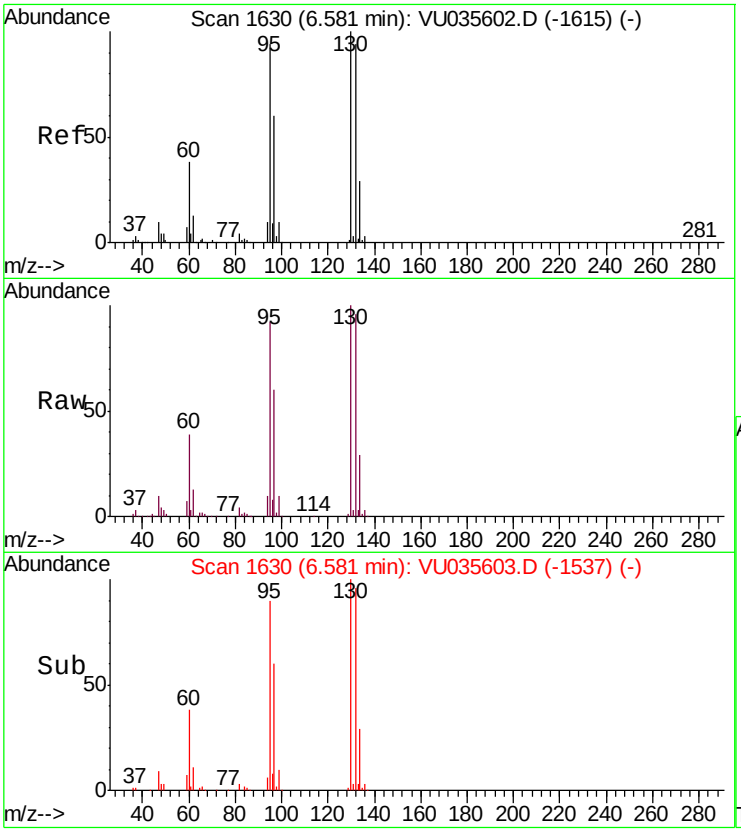



#33
Benzene
Concen: 9.380 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

Tgt Ion: 78 Resp: 979687



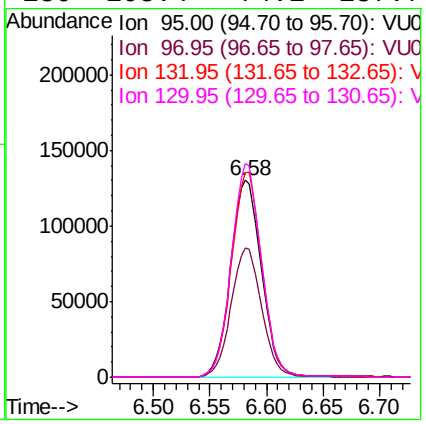


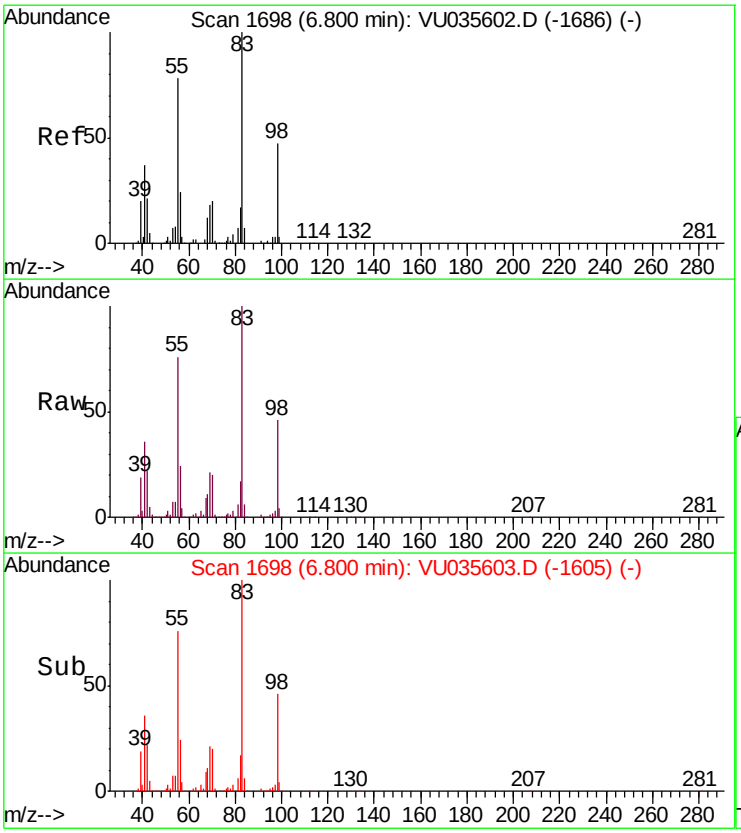

#34
Trichloroethene
Concen: 9.603 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD01005

Tgt Ion: 95 Resp: 248907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 65.6 | 44.5 | 82.7 |
| 132 | 103.9 | 69.9 | 129.7 |
| 130 | 108.4 | 74.1 | 137.7 |

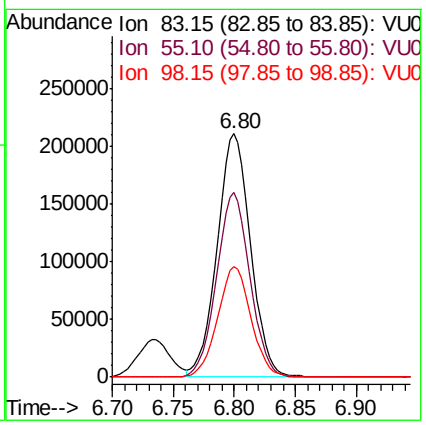


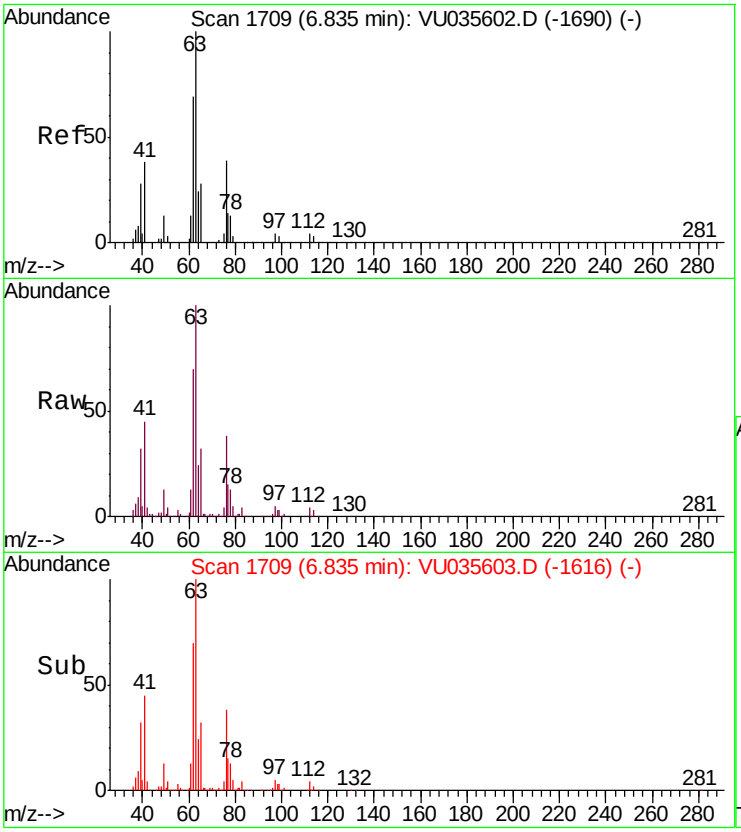




#35
Methylcyclohexane
Concen: 10.081 ug/L
RT: 6.80 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

Tgt Ion: 83 Resp: 403965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 75.3 | 62.6 | 93.8 |
| 98 | 45.3 | 37.2 | 55.8 |



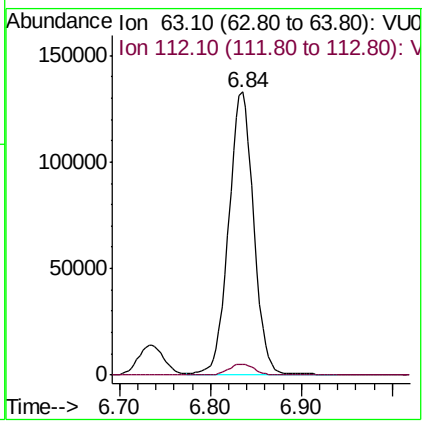


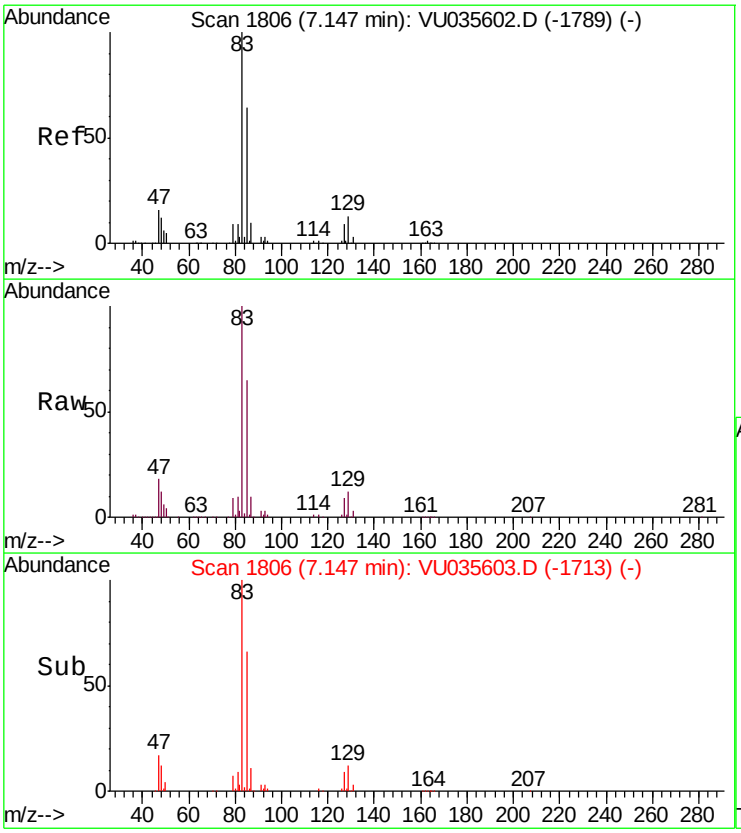

#37
1,2-Dichloropropane
Concen: 9.121 ug/L
RT: 6.84 min Scan# 1709
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

**Instrument :** MSVOA_U
**ClientSampleId :** VSTD01005

Tgt Ion: 63 Resp: 252053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 4.0 | 3.4 | 5.2 |

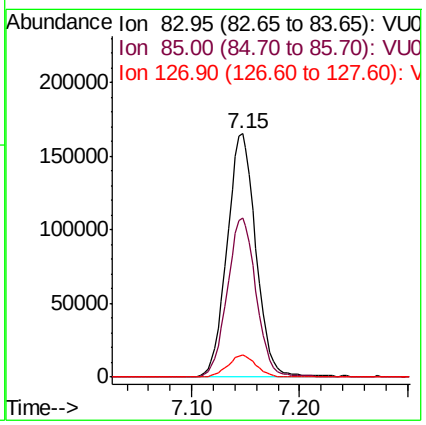


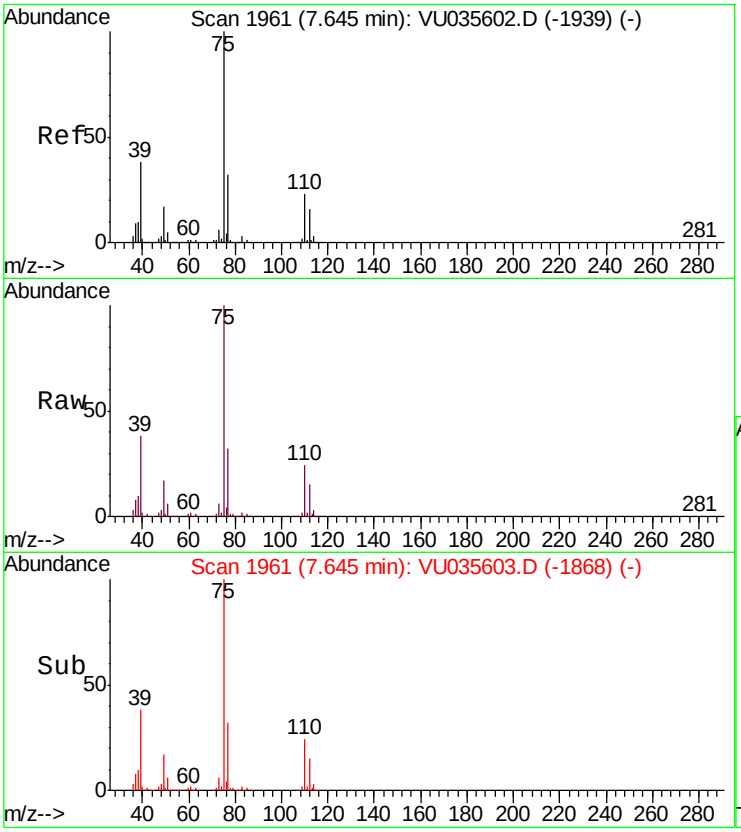




#38
Bromodichloromethane
Concen: 8.985 ug/L
RT: 7.15 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

Tgt Ion: 83 Resp: 307136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.5 | 44.7 | 82.9 |
| 127 | 9.2 | 7.1 | 10.7 |



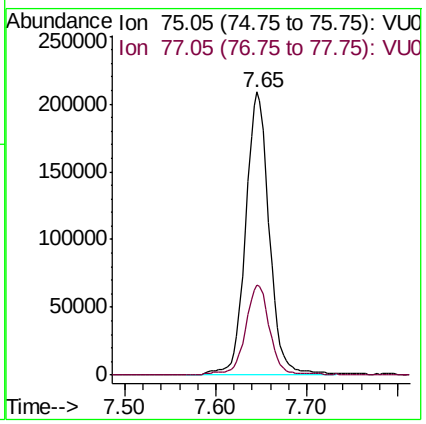


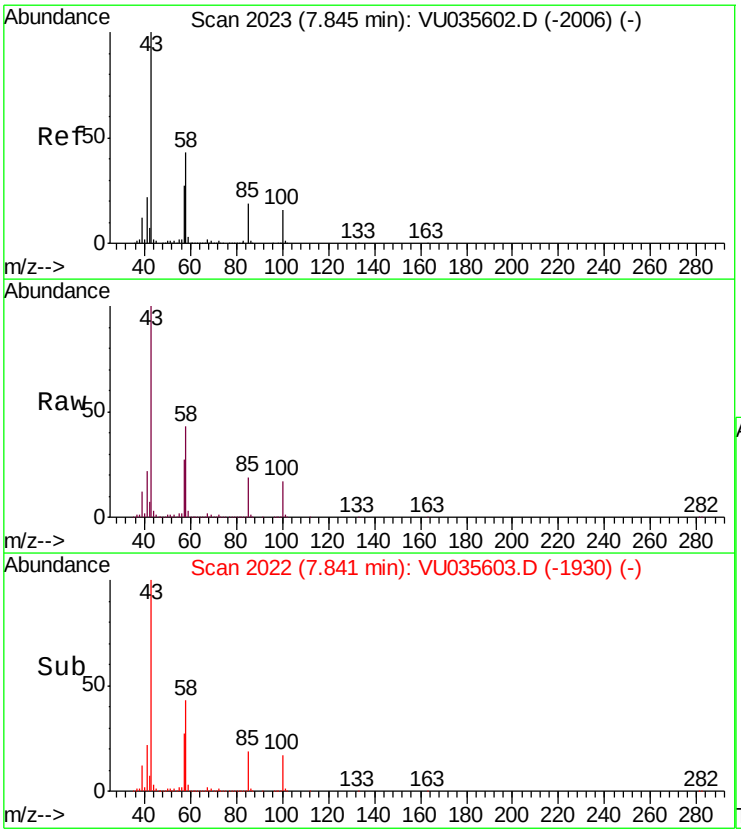

#39
cis-1,3-Dichloropropene
Concen: 9.785 ug/L
RT: 7.65 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD01005

Tgt Ion: 75 Resp: 377261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.0 | 22.5 | 41.7 |

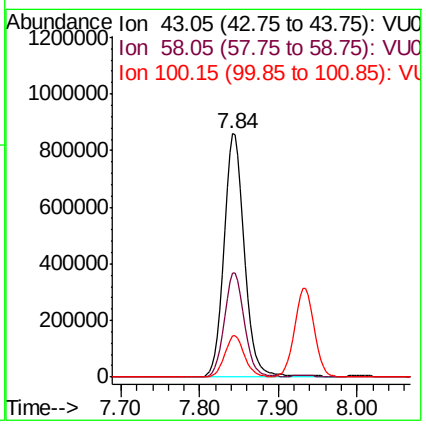


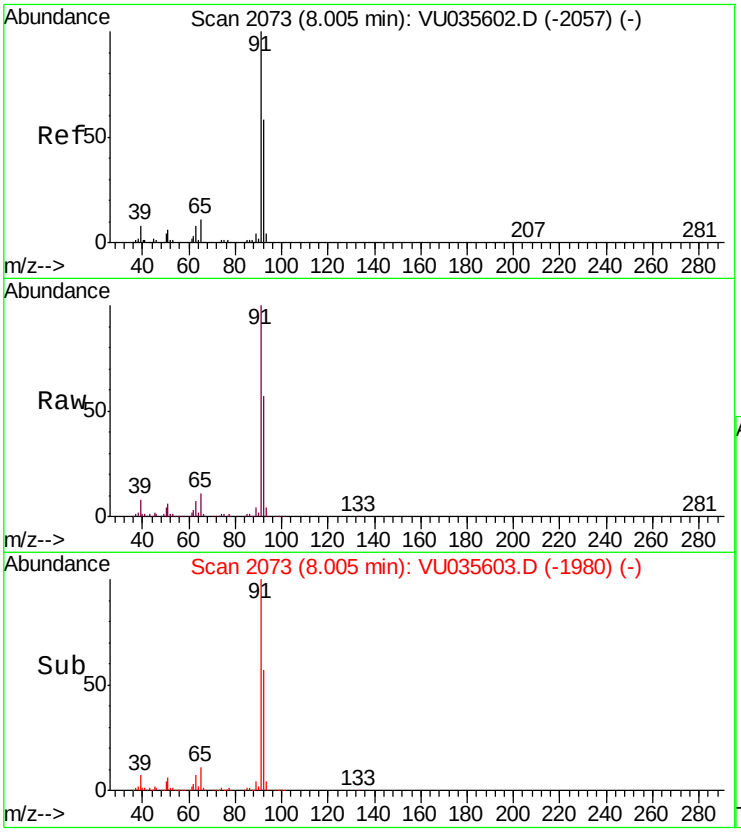




#40
4-Methyl-2-pentanone
Concen: 95.522 ug/L
RT: 7.84 min Scan# 2022
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

Tgt Ion: 43 Resp: 1540269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 42.2 | 33.4 | 50.2 |
| 100 | 16.5 | 12.7 | 19.1 |



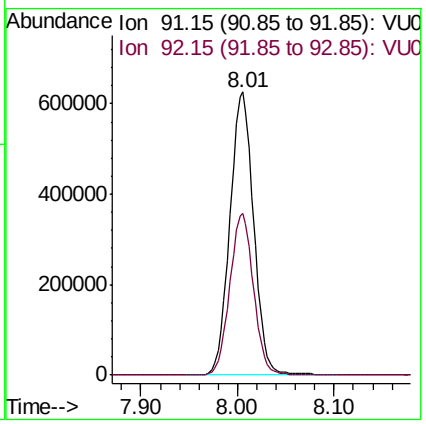


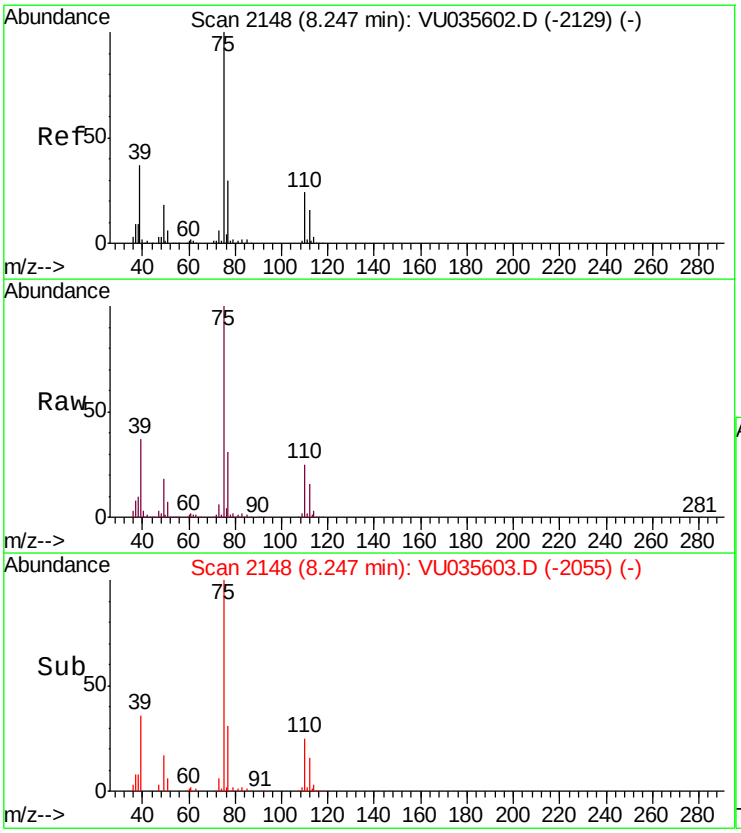

#42
Toluene
Concen: 9.978 ug/L
RT: 8.01 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

**Instrument :** MSVOA_U
**ClientSampleId :** VSTD01005

Tgt Ion: 91 Resp: 1068615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 57.4 | 40.5 | 75.3 |

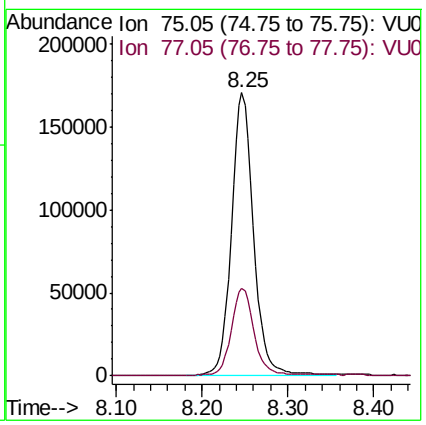


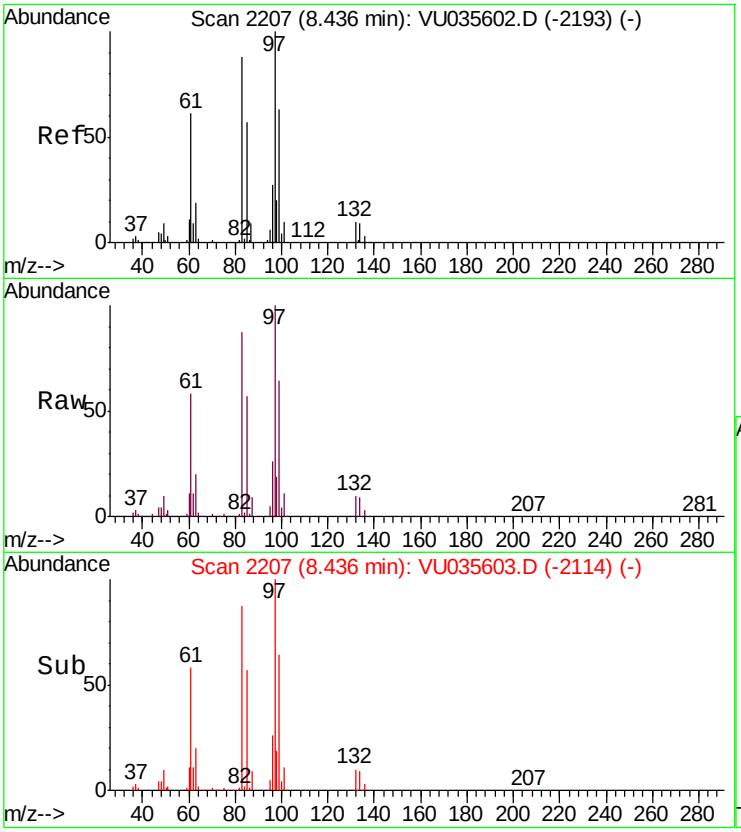




#44
trans-1,3-Dichloropropene
Concen: 9.954 ug/L
RT: 8.25 min Scan# 2148
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

Tgt Ion: 75 Resp: 304720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.0 | 21.6 | 40.2 |



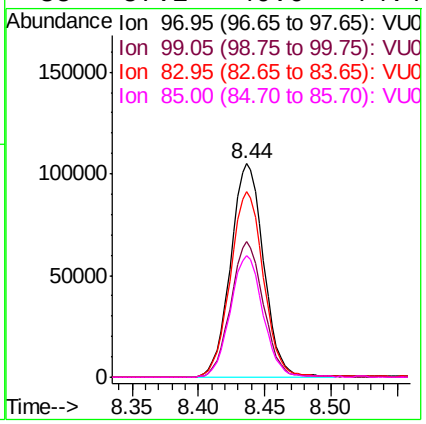


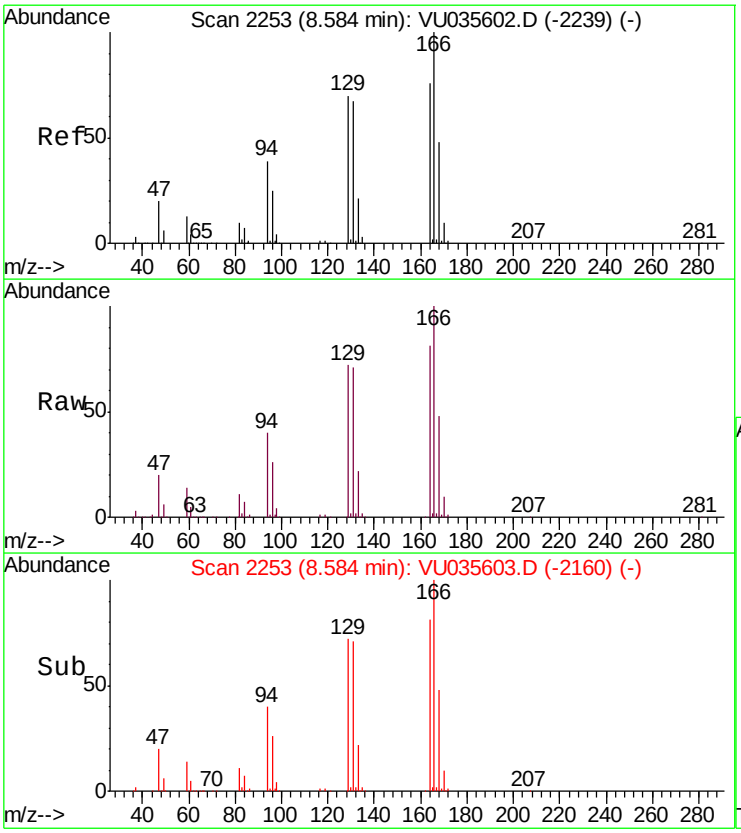

#45
1,1,2-Trichloroethane
Concen: 9.394 ug/L
RT: 8.44 min Scan# 2207
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

**Instrument :** MSVOA_U
**ClientSampleId :** VSTD01005

Tgt Ion: 97 Resp: 181840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.5 | 43.8 | 81.4 |
| 83 | 87.2 | 61.6 | 114.4 |
| 85 | 57.2 | 40.0 | 74.4 |

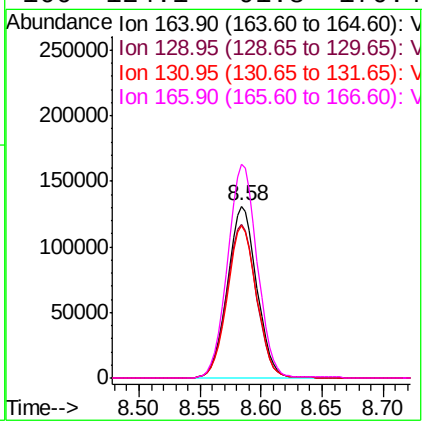


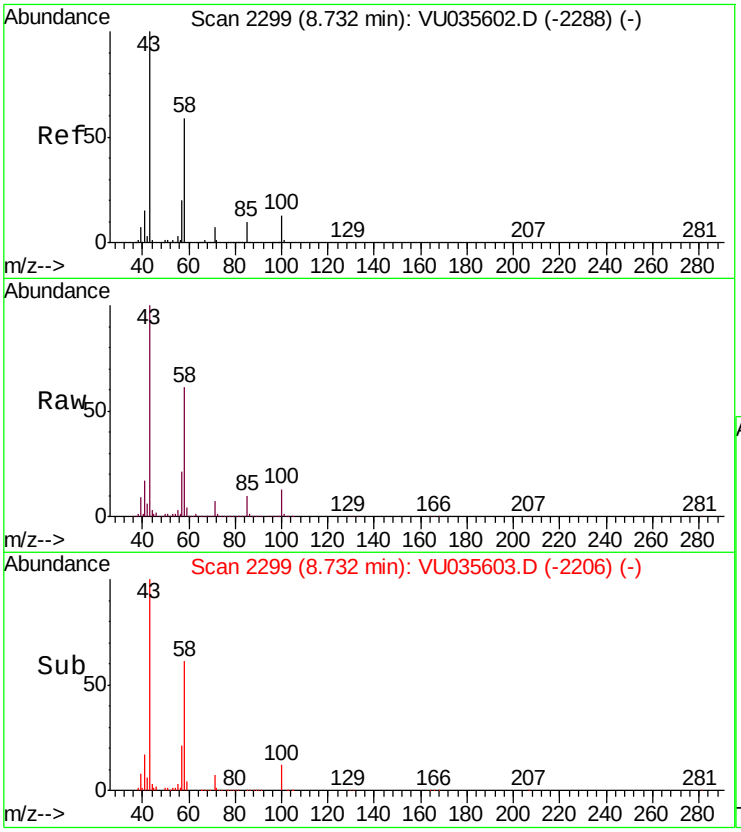




#47
Tetrachloroethene
Concen: 10.151 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

Tgt Ion:164 Resp: 219664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 89.2 | 64.7 | 120.1 |
| 131 | 88.5 | 61.6 | 114.4 |
| 166 | 124.1 | 91.8 | 170.4 |



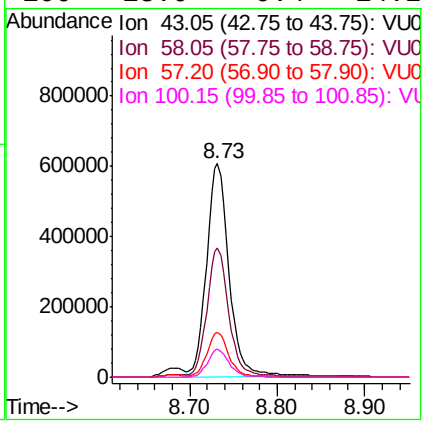


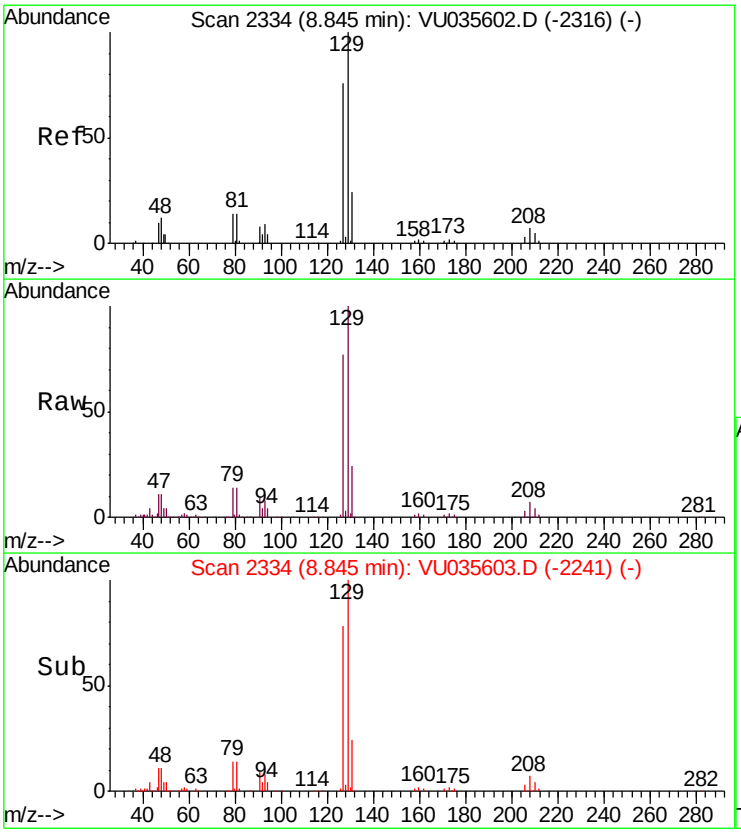

#48
2-Hexanone
Concen: 99.411 ug/L
RT: 8.73 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

**Instrument :** MSVOA_U
**ClientSampleId :** VSTD01005

Tgt Ion: 43 Resp: 1078815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 59.1 | 44.1 | 66.1 |
| 57 | 20.2 | 15.1 | 22.7 |
| 100 | 13.0 | 9.4 | 14.2 |

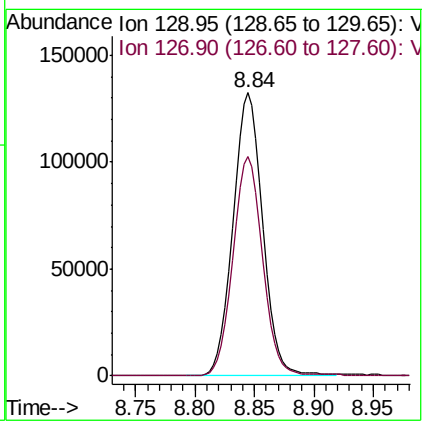


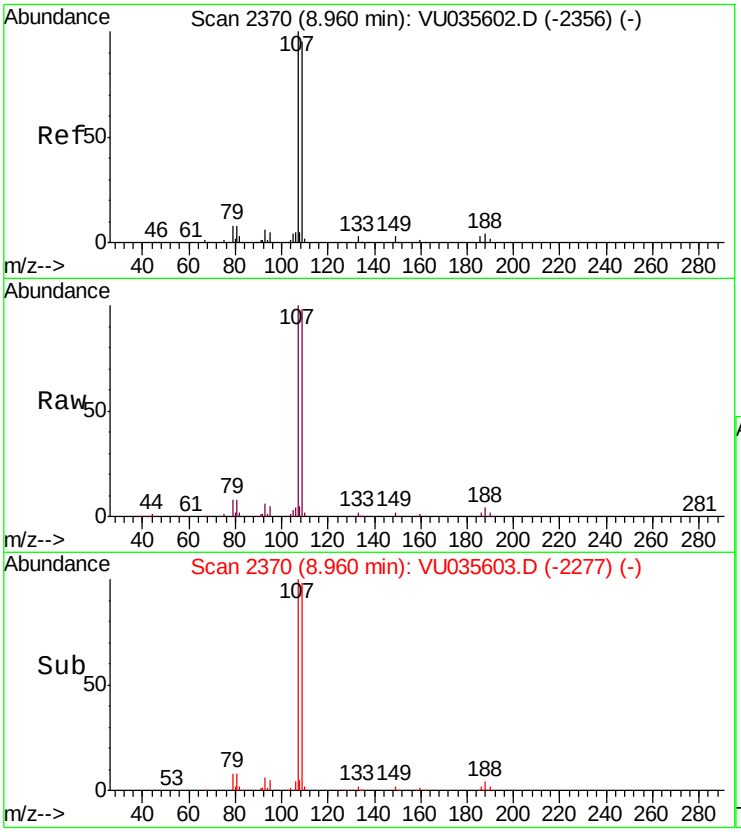




#49
Dibromochloromethane
Concen: 9.959 ug/L
RT: 8.84 min Scan# 2334
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

Tgt Ion:129 Resp: 227867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.5 | 53.1 | 98.5 |



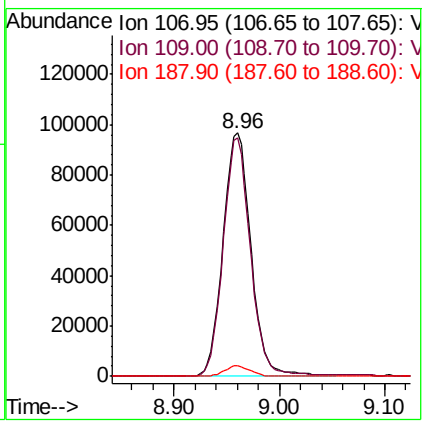


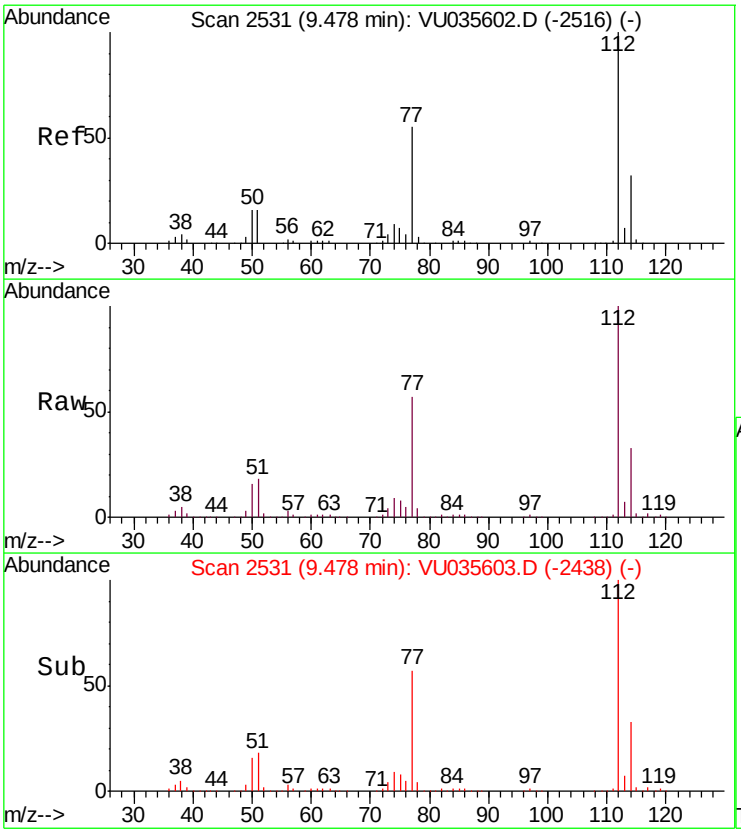

#50
1,2-Dibromoethane
Concen: 9.873 ug/L
RT: 8.96 min Scan# 2370
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD01005

Tgt Ion:107 Resp: 177793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 97.9 | 66.5 | 123.5 |
| 188 | 4.3 | 3.1 | 4.7 |

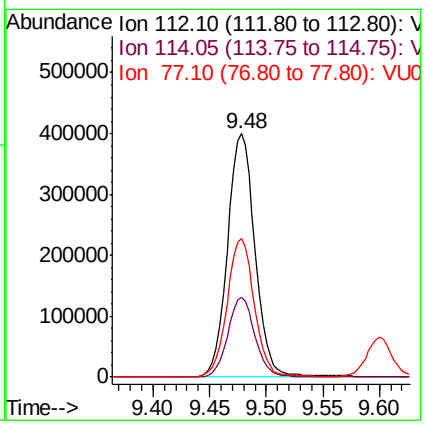


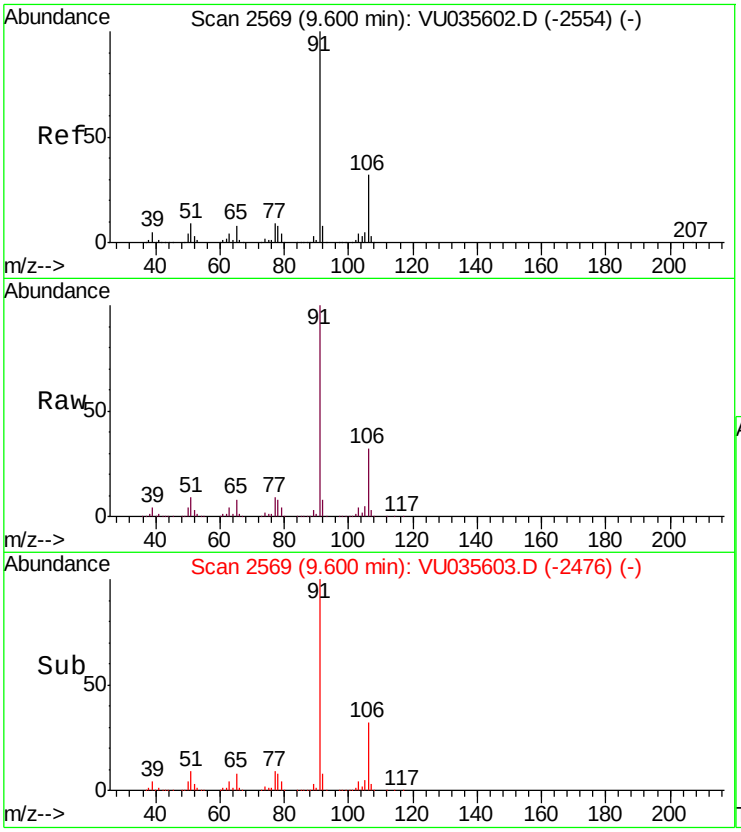




#51
Chlorobenzene
Concen: 9.887 ug/L
RT: 9.48 min Scan# 2531
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

Tgt Ion:112 Resp: 676657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 33.0 | 22.3 | 41.5 |
| 77 | 56.8 | 44.3 | 66.5 |



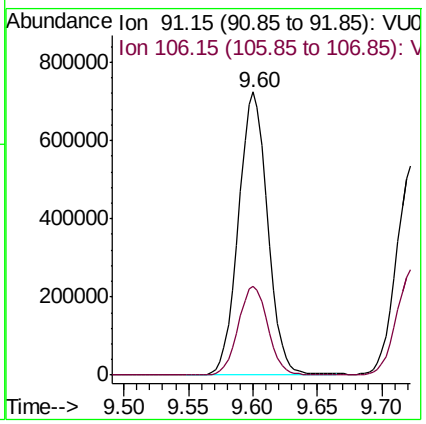


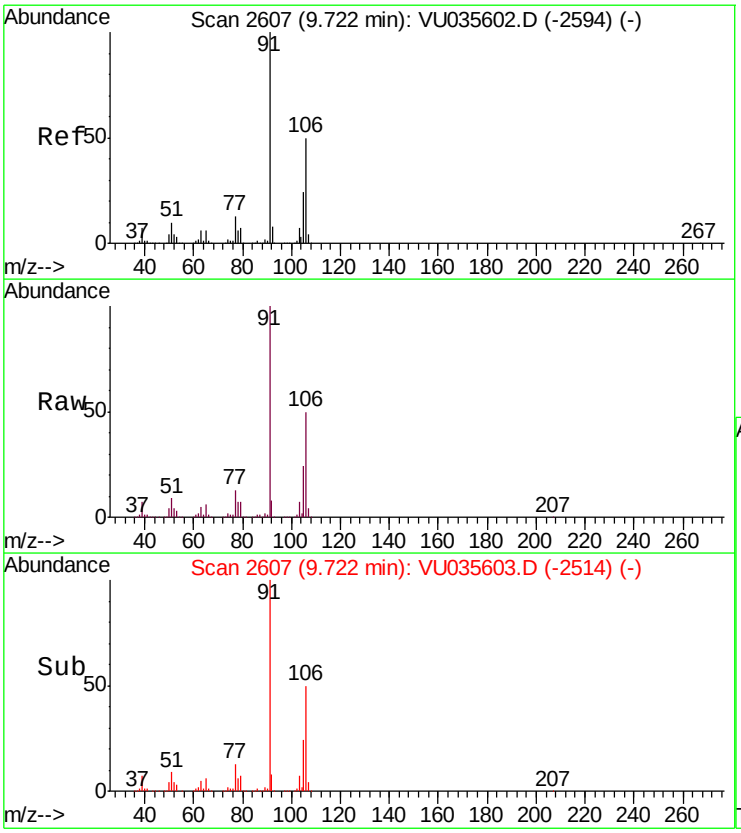

#52
Ethylbenzene
Concen: 10.207 ug/L
RT: 9.60 min Scan# 2569
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD01005

Tgt Ion: 91 Resp: 1142240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.6 | 22.4 | 41.6 |

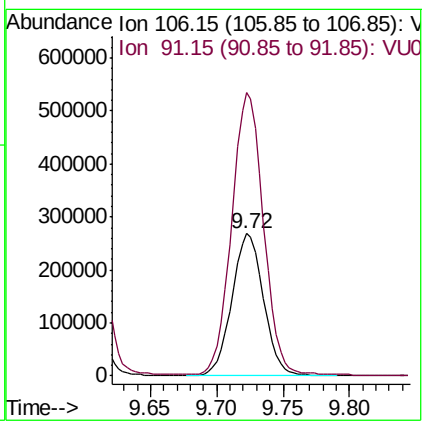


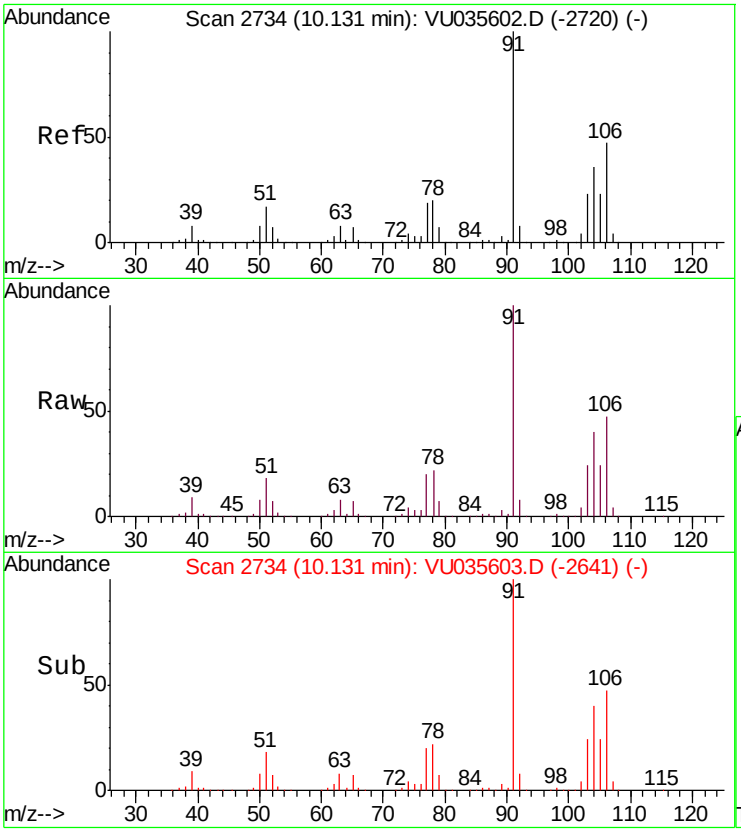




#53
m,p-Xylene
Concen: 10.753 ug/L
RT: 9.72 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

Tgt Ion:106 Resp: 441620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 199.0 | 139.4 | 259.0 |



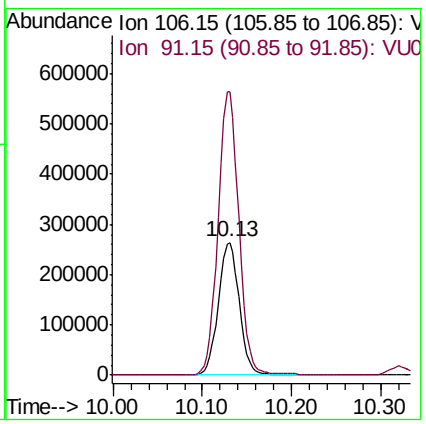


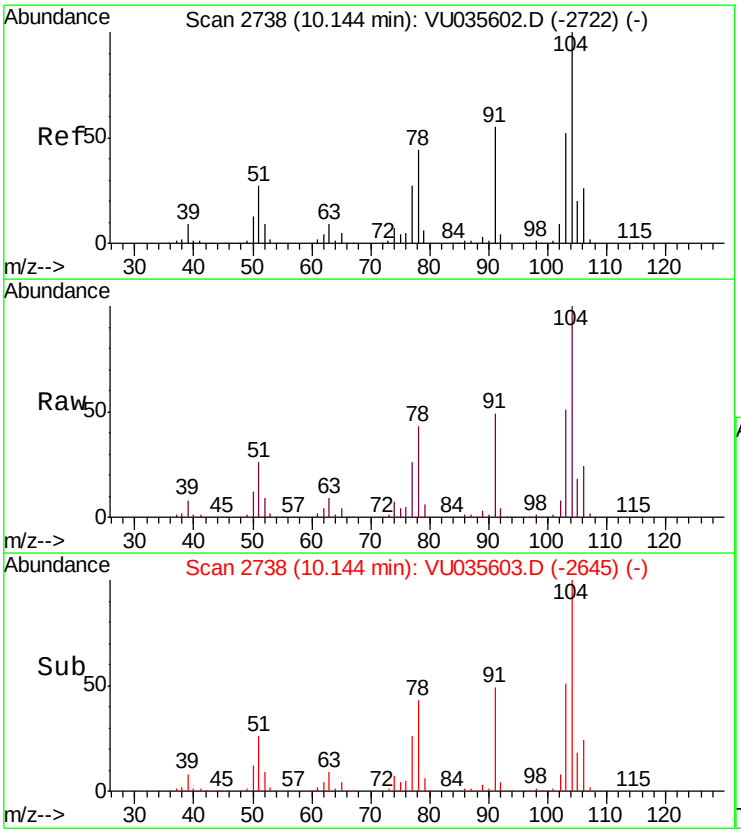

#54
o-Xylene
Concen: 10.736 ug/L
RT: 10.13 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

**Instrument :** MSVOA_U
**ClientSampleId :** VSTD01005

Tgt Ion:106 Resp: 430491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 213.1 | 147.7 | 274.3 |

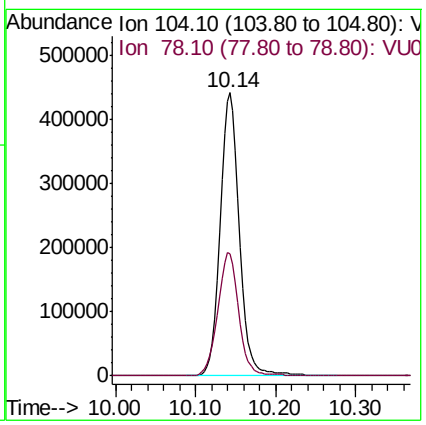


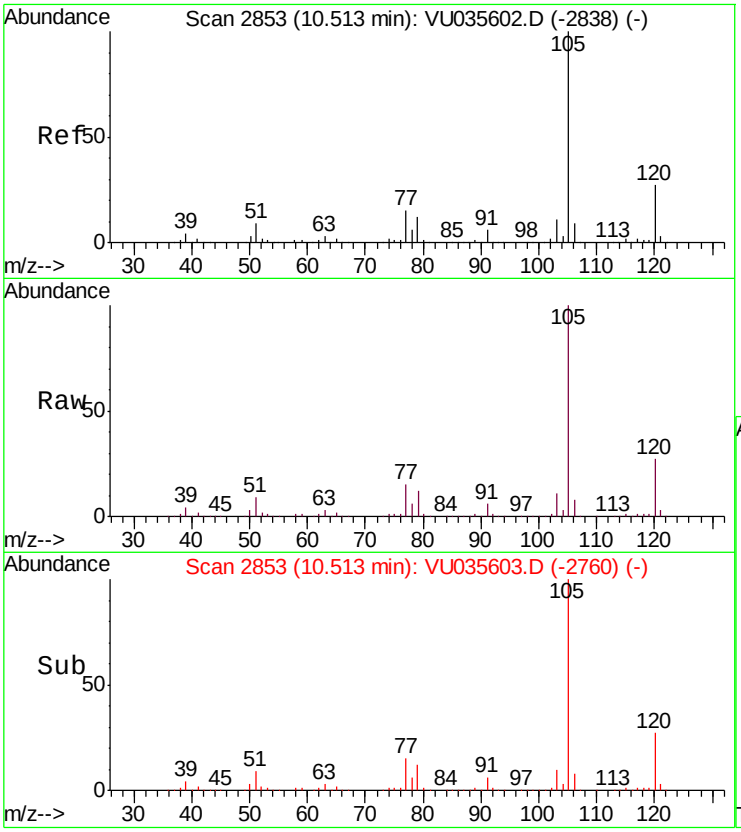




#55
Styrene
Concen: 11.252 ug/L
RT: 10.14 min Scan# 2738
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

Tgt Ion:104 Resp: 736162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 43.3 | 30.8 | 57.2 |



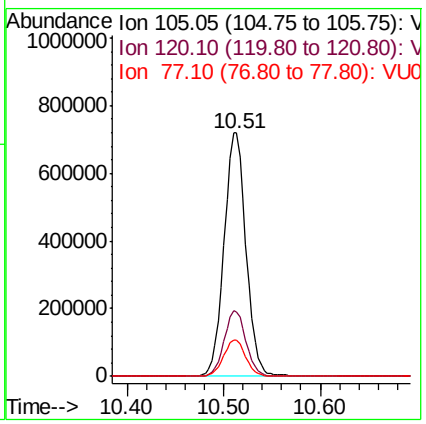


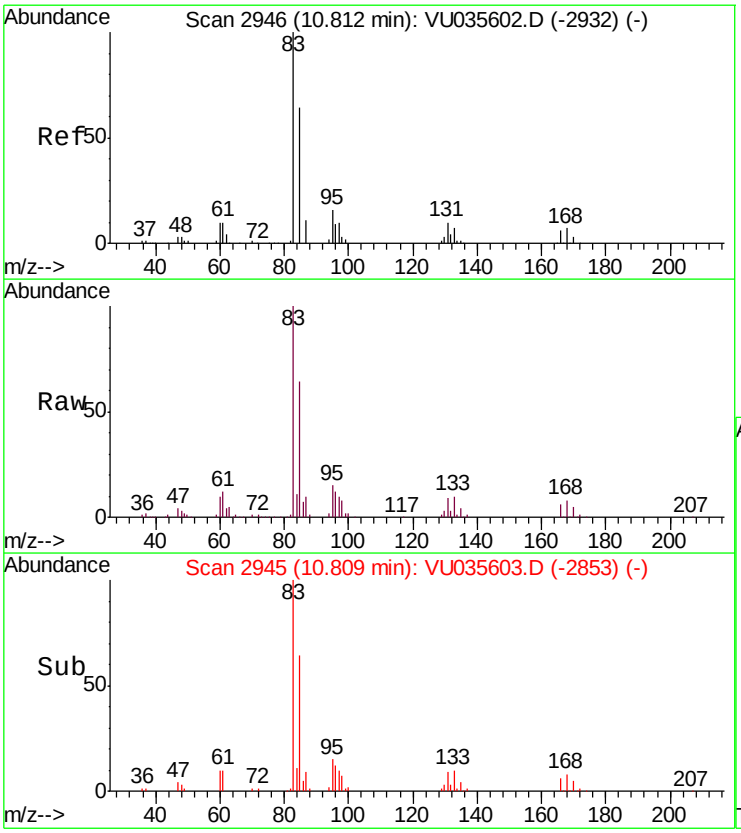

#56
Isopropylbenzene
Concen: 10.794 ug/L
RT: 10.51 min Scan# 2853
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

**Instrument :** MSVOA_U
**ClientSampleId :** VSTD01005

Tgt Ion:105 Resp: 1132351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.8 | 21.4 | 32.2 |
| 77 | 15.1 | 11.8 | 17.8 |

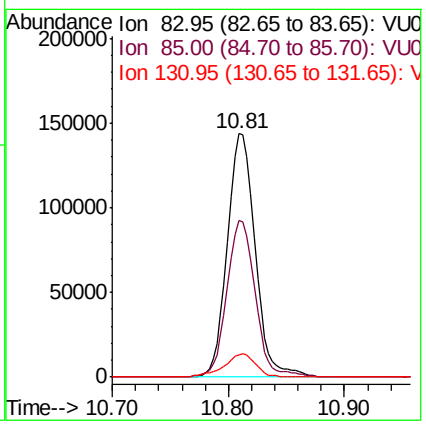


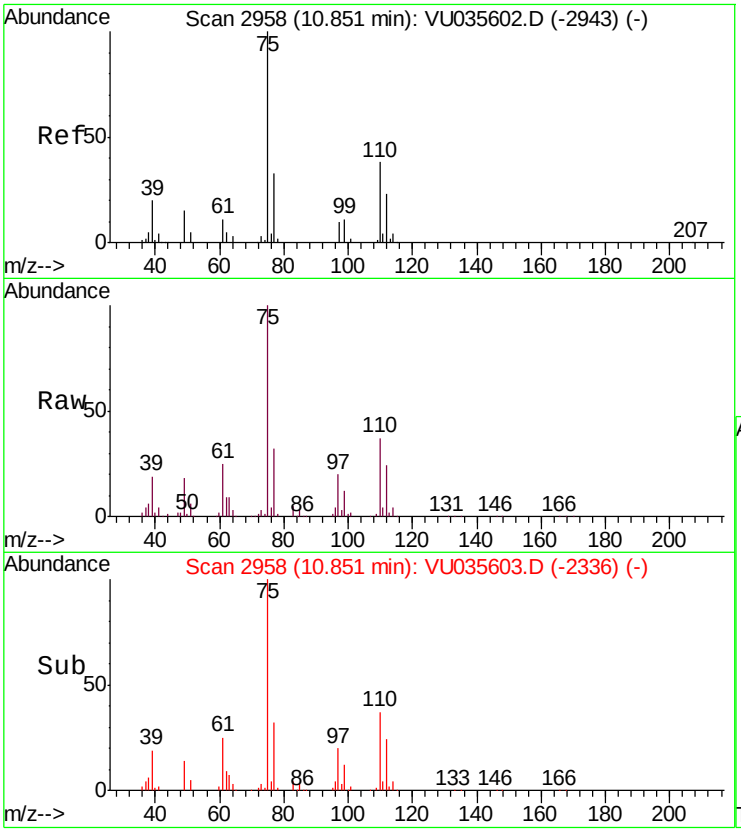




#58
1,1,2,2-Tetrachloroethane
Concen: 9.462 ug/L
RT: 10.81 min Scan# 2945
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

Tgt Ion: 83 Resp: 238188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.1 | 45.2 | 84.0 |
| 131 | 9.3 | 8.2 | 12.4 |



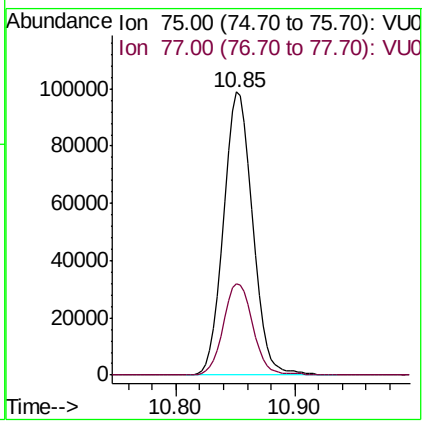


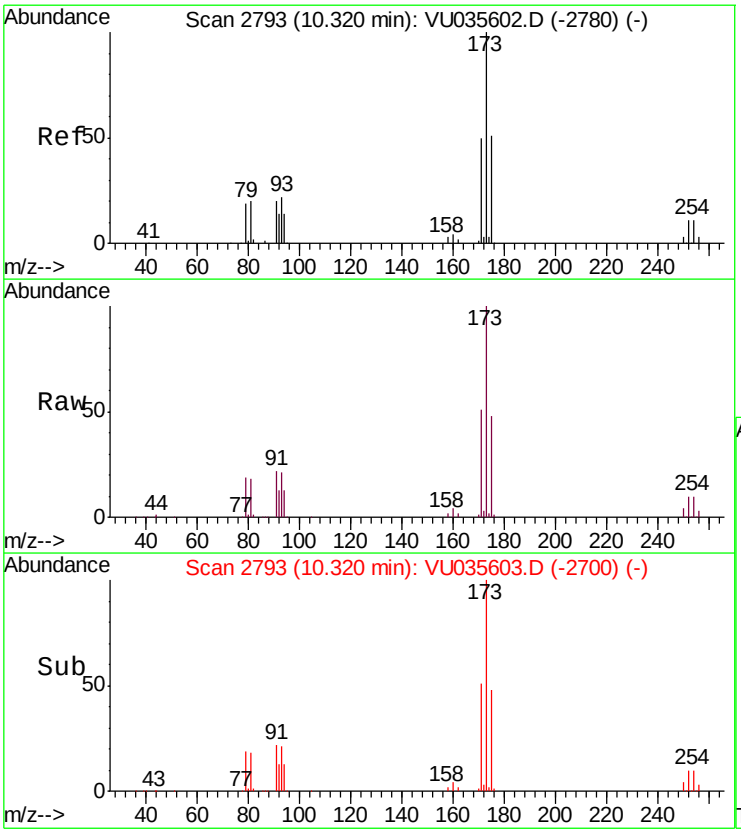

#59
1,2,3-Trichloropropane
Concen: 9.381 ug/L
RT: 10.85 min Scan# 2958
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD01005

Tgt Ion: 75 Resp: 167714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.1 | 26.8 | 40.2 |

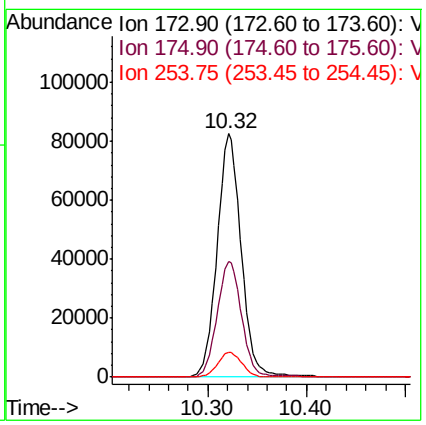


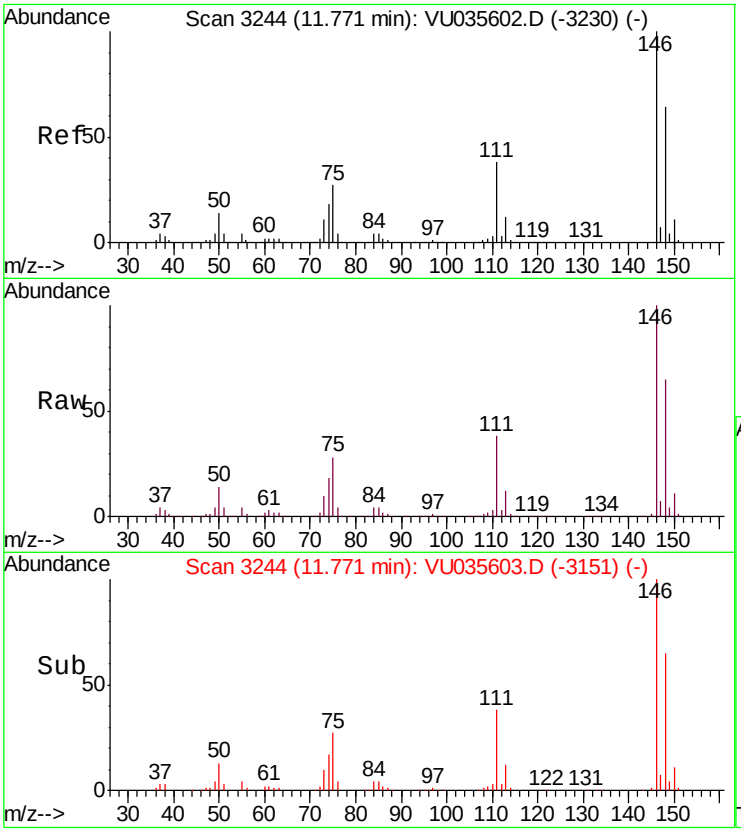




#61
Bromoform
Concen: 8.731 ug/L
RT: 10.32 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

Tgt Ion:173 Resp: 141418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.6 | 39.0 | 58.4 |
| 254 | 10.3 | 8.5 | 12.7 |



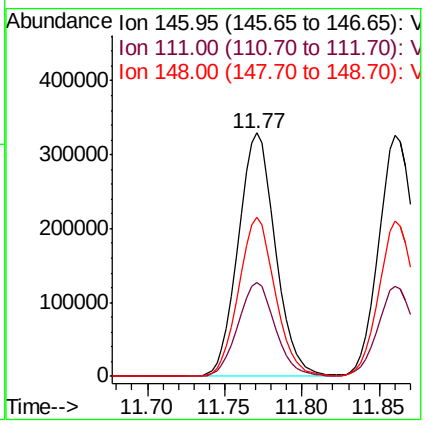


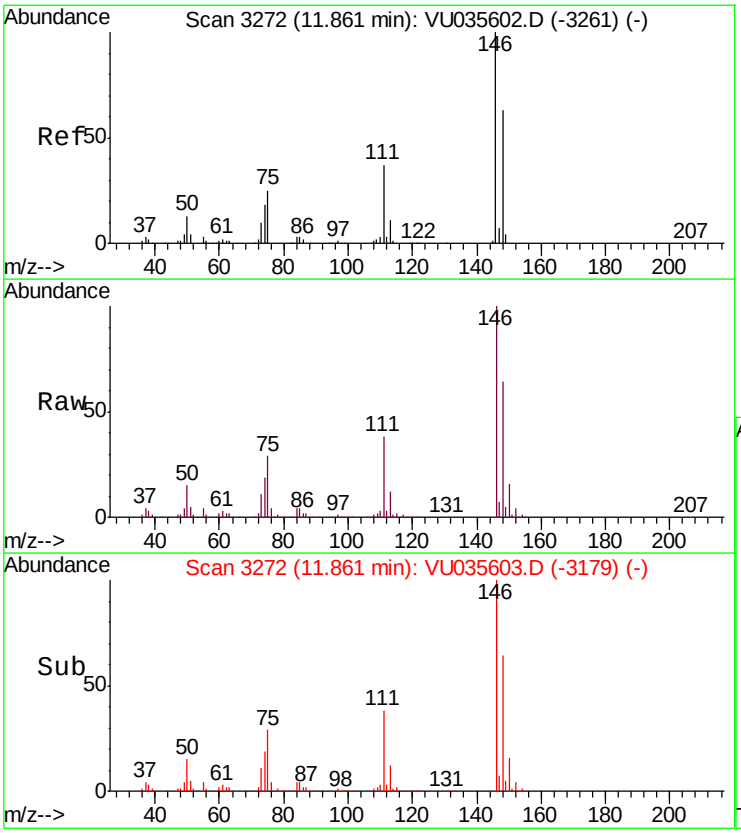

#62
1,3-Dichlorobenzene
Concen: 9.739 ug/L
RT: 11.77 min Scan# 3244
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD01005

Tgt Ion:146 Resp: 551528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.5 | 26.7 | 49.5 |
| 148 | 65.2 | 44.5 | 82.7 |

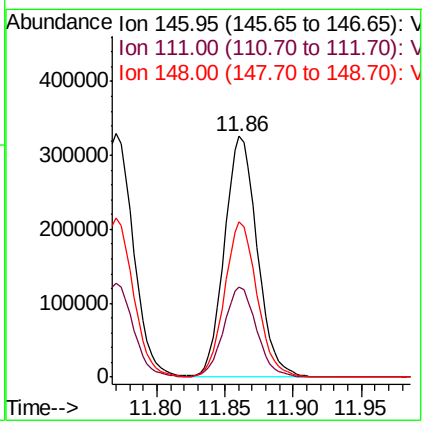


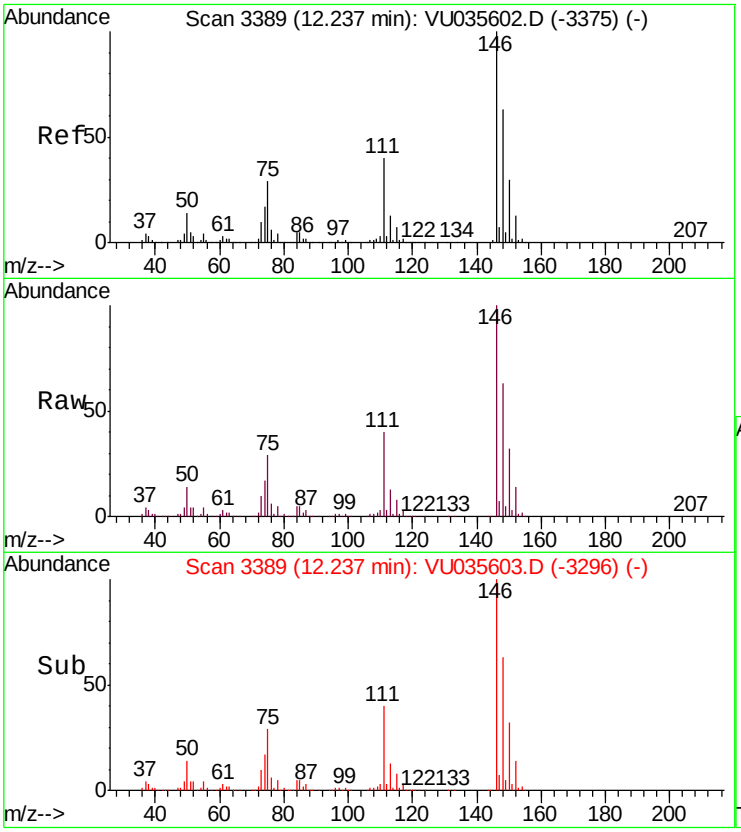




#63
1,4-Dichlorobenzene
Concen: 9.685 ug/L
RT: 11.86 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

Tgt Ion:146 Resp: 544868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.7 | 25.9 | 48.1 |
| 148 | 64.4 | 44.1 | 81.9 |



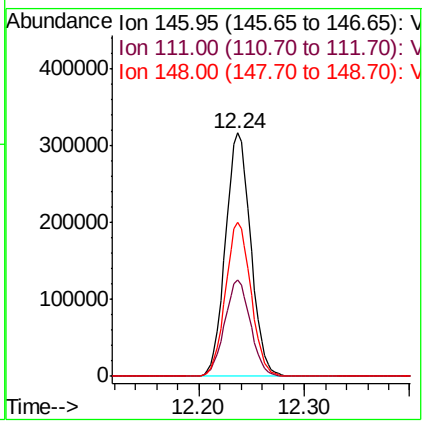


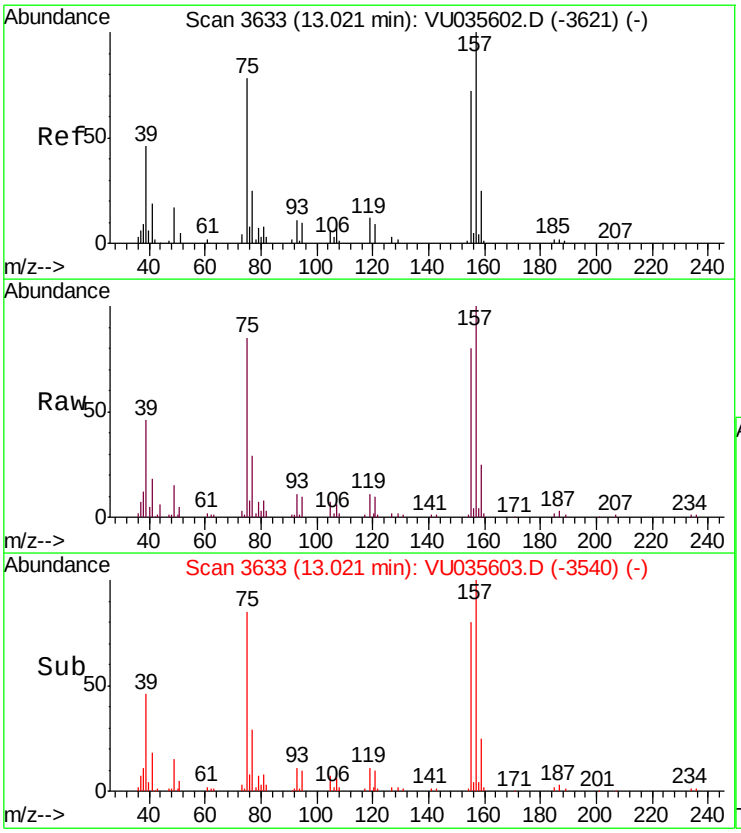

#65
1,2-Dichlorobenzene
Concen: 9.592 ug/L
RT: 12.24 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD01005

Tgt Ion:146 Resp: 523680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.7 | 32.2 | 48.4 |
| 148 | 63.4 | 50.7 | 76.1 |

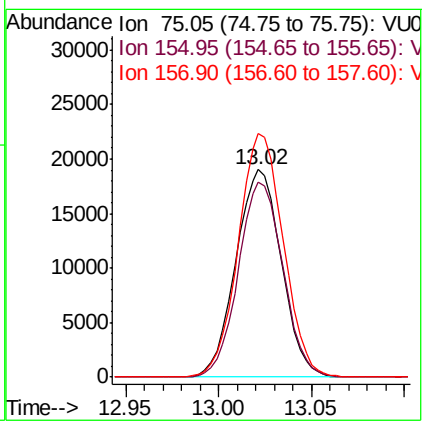


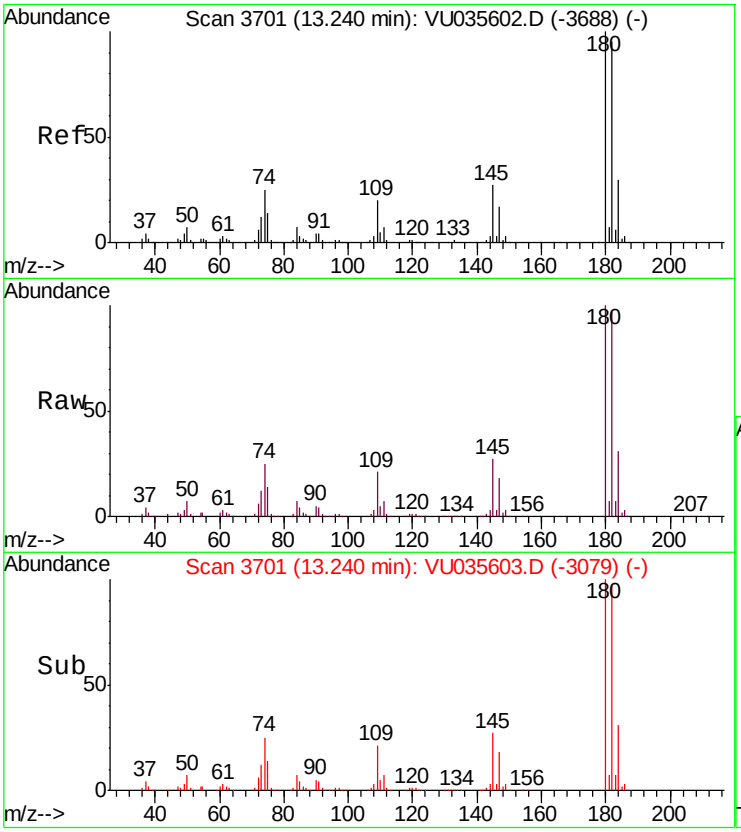




#66
1,2-Dibromo-3-chloropropane
Concen: 9.004 ug/L
RT: 13.02 min Scan# 3633
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

Tgt Ion: 75 Resp: 32305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 94.1 | 73.3 | 109.9 |
| 157 | 117.2 | 102.2 | 153.4 |



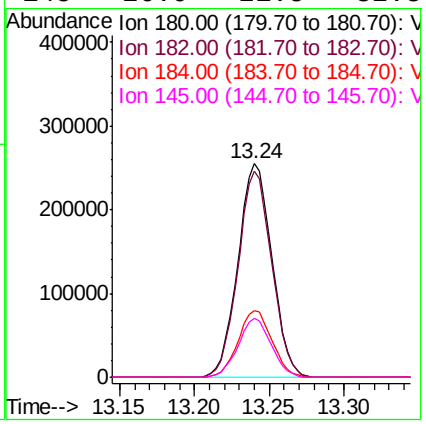


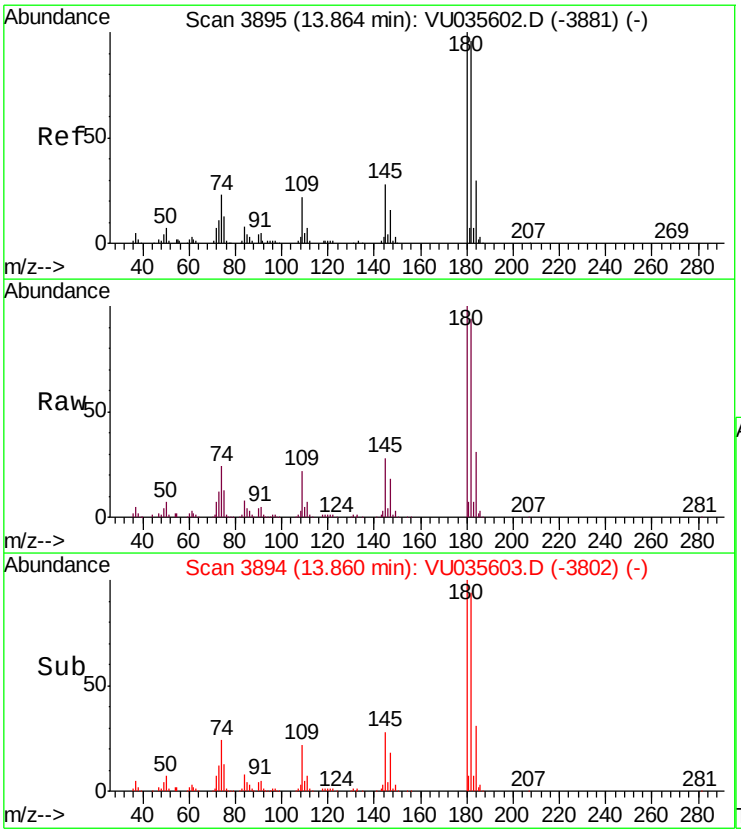

#67
1,3,5-Trichlorobenzene
Concen: 11.459 ug/L
RT: 13.24 min Scan# 3701
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD01005

Tgt Ion:180 Resp: 402714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.8 | 75.9 | 113.9 |
| 184 | 31.1 | 24.1 | 36.1 |
| 145 | 26.9 | 21.5 | 32.3 |

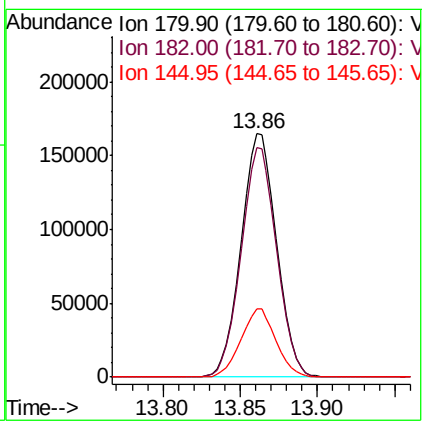


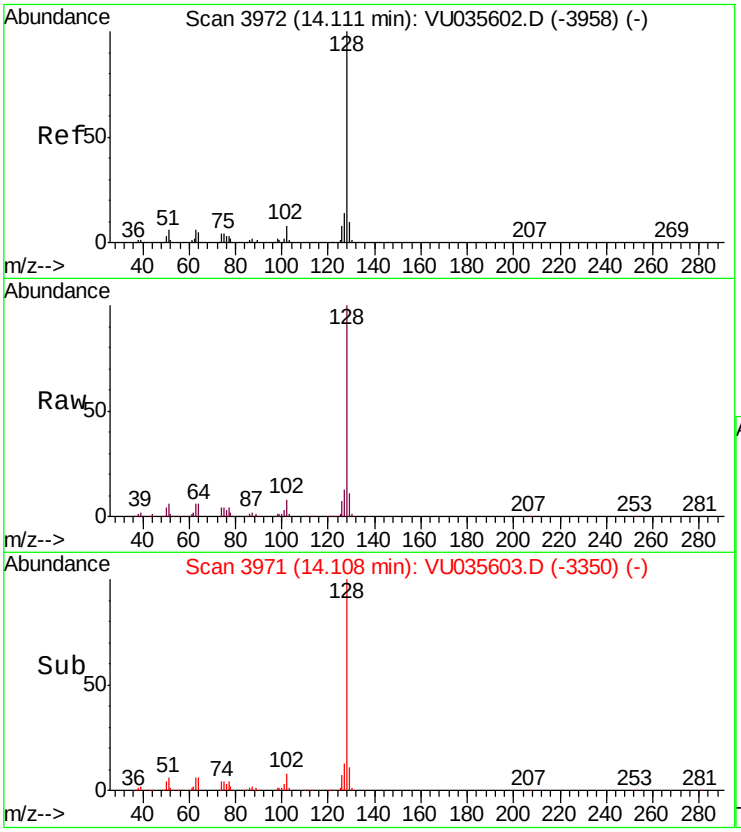




#68
1,2,4-trichlorobenzene
Concen: 13.428 ug/L
RT: 13.86 min Scan# 3894
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

Tgt Ion:180 Resp: 263219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.2 | 77.4 | 116.2 |
| 145 | 27.5 | 22.2 | 33.4 |



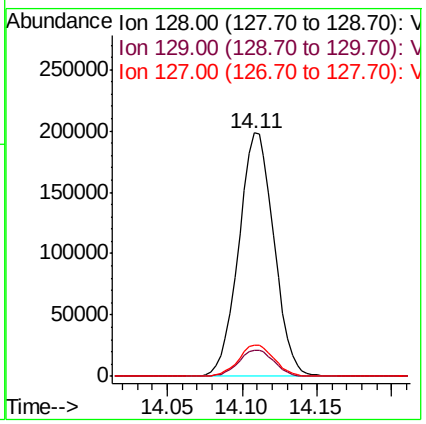


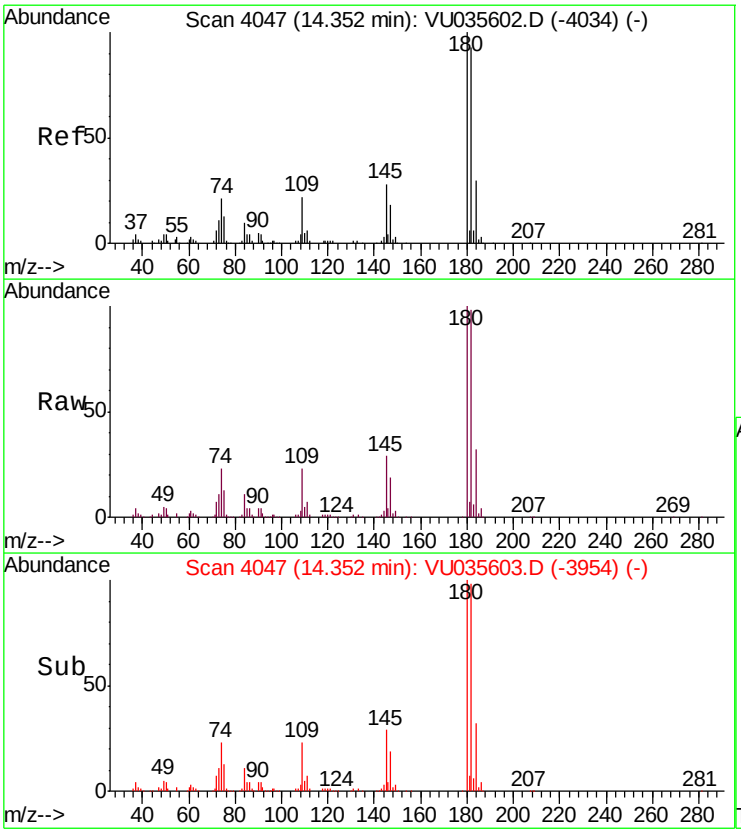

#69
Naphthalene
Concen: 12.244 ug/L
RT: 14.11 min Scan# 3971
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD01005

Tgt Ion:128 Resp: 324936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.9 | 8.1 | 12.1 |
| 127 | 13.0 | 11.0 | 16.4 |




#70
1,2,3-Trichlorobenzene
Concen: 12.852 ug/L
RT: 14.35 min Scan# 4047
Delta R.T. -0.00 min
Lab File: VU035603.D
Acq: 04 Nov 2019 11:46

Tgt Ion:180 Resp: 249392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.7 | 74.8 | 112.2 |
| 145 | 29.0 | 23.6 | 35.4 |