Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121518\
Data File : VU028685.D
Acq On : 14 Dec 2018 16:03
Operator : MD/SY
Sample : VU1215WBS02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Dec 15 00:21:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 4.98 | 168 | 73523 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 5.88 | 114 | 129763 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 9.09 | 117 | 119609 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 11.48 | 152 | 56259 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.31 | 65 | 59893 | 53.38 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 106.76% | | | |
| 35) Dibromofluoromethane | 4.88 | 113 | 43118 | 52.80 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 105.60% | | | |
| 50) Toluene-d8 | 7.57 | 98 | 166454 | 51.53 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 103.06% | | | |
| 62) 4-Bromofluorobenzene | 10.30 | 95 | 59032 | 48.89 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.78% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.21 | 85 | 19320 | 19.605 | ug/l | 99 |
| 3) Chloromethane | 1.33 | 50 | 33328 | 18.395 | ug/l | 99 |
| 4) Vinyl Chloride | 1.40 | 62 | 25363 | 19.398 | ug/l | 100 |
| 5) Bromomethane | 1.61 | 94 | 9872 | 18.744 | ug/l | 95 |
| 6) Chloroethane | 1.69 | 64 | 14437 | 19.504 | ug/l | 99 |
| 7) Trichlorofluoromethane | 1.88 | 101 | 27221 | 19.788 | ug/l | 99 |
| 8) Diethyl Ether | 2.10 | 74 | 11750 | 18.257 | ug/l | 92 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.28 | 101 | 16709 | 20.309 | ug/l | 98 |
| 10) Methyl Iodide | 2.41 | 142 | 15985 | 24.762 | ug/l | 98 |
| 11) Tert butyl alcohol | 2.83 | 59 | 28239 | 112.965 | ug/l | 98 |
| 12) 1,1-Dichloroethene | 2.28 | 96 | 15752 | 19.243 | ug/l | 98 |
| 13) Acrolein | 2.19 | 56 | 16507 | 82.833 | ug/l | 97 |
| 14) Allyl chloride | 2.59 | 41 | 37033 | 19.123 | ug/l | 99 |
| 15) Acrylonitrile | 2.94 | 53 | 74623 | 107.523 | ug/l | 99 |
| 16) Acetone | 2.32 | 43 | 68133 | 93.057 | ug/l | 97 |
| 17) Carbon Disulfide | 2.48 | 76 | 53732 | 18.220 | ug/l | 100 |
| 18) Methyl Acetate | 2.62 | 43 | 44320 | 23.351 | ug/l | 97 |
| 19) Methyl tert-butyl Ether | 3.00 | 73 | 61832 | 19.925 | ug/l | 100 |
| 20) Methylene Chloride | 2.70 | 84 | 20151 | 18.670 | ug/l | 95 |
| 21) trans-1,2-Dichloroethene | 2.98 | 96 | 17891 | 19.412 | ug/l | 98 |
| 22) Diisopropyl ether | 3.57 | 45 | 78013 | 20.716 | ug/l | 98 |
| 23) Vinyl Acetate | 3.52 | 43 | 315434 | 101.548 | ug/l | 99 |
| 24) 1,1-Dichloroethane | 3.45 | 63 | 39502 | 20.039 | ug/l | 99 |
| 25) 2-Butanone | 4.26 | 43 | 104864 | 104.804 | ug/l | 98 |
| 26) 2,2-Dichloropropane | 4.22 | 77 | 31486 | 20.158 | ug/l | 100 |
| 27) cis-1,2-Dichloroethene | 4.23 | 96 | 21034 | 20.163 | ug/l | 98 |
| 28) Bromochloromethane | 4.55 | 49 | 19480 | 21.738 | ug/l | 96 |
| 29) Tetrahydrofuran | 4.64 | 42 | 70062 | 109.028 | ug/l | 97 |
| 30) Chloroform | 4.67 | 83 | 35040 | 20.395 | ug/l | 95 |
| 31) Cyclohexane | 5.00 | 56 | 39159 | 19.629 | ug/l | 96 |
| 32) 1,1,1-Trichloroethane | 4.91 | 97 | 29186 | 20.454 | ug/l | 97 |
| 36) 1,1-Dichloropropene | 5.13 | 75 | 27273 | 19.207 | ug/l | 98 |
| 37) Ethyl Acetate | 4.38 | 43 | 38221 | 20.822 | ug/l | 99 |
| 38) Carbon Tetrachloride | 5.13 | 117 | 23012 | 20.107 | ug/l | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121518\
Data File : VU028685.D
Acq On : 14 Dec 2018 16:03
Operator : MD/SY
Sample : VU1215WBS02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Dec 15 00:21:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 6.42 | 83 | 30842 | 17.804 | ug/l | | 99 |
| 40) Benzene | 5.39 | 78 | 84288 | 20.154 | ug/l | | 99 |
| 41) Methacrylonitrile | 4.54 | 41 | 20820 | 20.711 | ug/l | | 98 |
| 42) 1,2-Dichloroethane | 5.40 | 62 | 29243 | 19.976 | ug/l | | 98 |
| 43) Isopropyl Acetate | 5.55 | 43 | 60295 | 20.767 | ug/l | | 97 |
| 44) Trichloroethene | 6.19 | 130 | 17351 | 18.659 | ug/l | | 98 |
| 45) 1,2-Dichloropropane | 6.43 | 63 | 24293 | 20.656 | ug/l | | 99 |
| 46) Dibromomethane | 6.56 | 93 | 14152 | 20.281 | ug/l | | 97 |
| 47) Bromodichloromethane | 6.76 | 83 | 27401 | 20.180 | ug/l | | 97 |
| 48) Methyl methacrylate | 6.62 | 41 | 30461 | 21.097 | ug/l | | 96 |
| 49) 1,4-Dioxane | 6.61 | 88 | 10442 | 458.020 | ug/l | | 96 |
| 51) 4-Methyl-2-Pentanone | 7.46 | 43 | 192926 | 105.355 | ug/l | | 98 |
| 52) Toluene | 7.64 | 92 | 48487 | 19.700 | ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 7.88 | 75 | 31563 | 19.517 | ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 7.27 | 75 | 34138 | 19.457 | ug/l | | 100 |
| 55) 1,1,2-Trichloroethane | 8.07 | 97 | 19952 | 20.507 | ug/l | | 98 |
| 56) Ethyl methacrylate | 8.02 | 69 | 33019 | 19.818 | ug/l | | 98 |
| 57) 1,3-Dichloropropane | 8.24 | 76 | 35756 | 19.798 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 7.13 | 63 | 84129 | 98.584 | ug/l | | 99 |
| 59) 2-Hexanone | 8.36 | 43 | 148163 | 102.081 | ug/l | | 99 |
| 60) Dibromochloromethane | 8.48 | 129 | 19388 | 20.354 | ug/l | | 100 |
| 61) 1,2-Dibromoethane | 8.58 | 107 | 20017 | 19.619 | ug/l | | 95 |
| 64) Tetrachloroethene | 8.23 | 164 | 14625 | 18.331 | ug/l | | 99 |
| 65) Chlorobenzene | 9.12 | 112 | 48678 | 19.099 | ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 9.21 | 131 | 17342 | 21.307 | ug/l | | 99 |
| 67) Ethyl Benzene | 9.25 | 91 | 88879 | 18.969 | ug/l | | 100 |
| 68) m/p-Xylenes | 9.37 | 106 | 66430 | 38.964 | ug/l | | 100 |
| 69) o-Xylene | 9.78 | 106 | 32006 | 19.318 | ug/l | | 98 |
| 70) Styrene | 9.79 | 104 | 51765 | 18.879 | ug/l | | 99 |
| 71) Bromoform | 9.96 | 173 | 14519 | 20.970 | ug/l | # | 95 |
| 73) Isopropylbenzene | 10.16 | 105 | 85438 | 19.791 | ug/l | | 98 |
| 74) N-amyl acetate | 10.01 | 43 | 50966 | 20.467 | ug/l | | 98 |
| 75) 1,1,2,2-Tetrachloroethane | 10.46 | 83 | 36508 | 22.015 | ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 10.49 | 75 | 43708 | 30.425 | ug/l | | 82 |
| 77) Bromobenzene | 10.45 | 156 | 20290 | 20.097 | ug/l | | 100 |
| 78) n-propylbenzene | 10.58 | 91 | 103631 | 19.319 | ug/l | | 99 |
| 79) 2-Chlorotoluene | 10.66 | 91 | 62783 | 20.319 | ug/l | | 100 |
| 80) 1,3,5-Trimethylbenzene | 10.77 | 105 | 71360 | 19.970 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-buten | 10.49 | 75 | 43708 | 74.545 | ug/l | # | 100 |
| 82) 4-Chlorotoluene | 10.77 | 91 | 71026 | 19.398 | ug/l | | 98 |
| 83) tert-Butylbenzene | 11.10 | 119 | 67656 | 19.643 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.15 | 105 | 72293 | 19.630 | ug/l | | 99 |
| 85) sec-Butylbenzene | 11.32 | 105 | 84662 | 19.133 | ug/l | | 99 |
| 86) p-Isopropyltoluene | 11.48 | 119 | 70437 | 18.740 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 11.41 | 146 | 36050 | 18.910 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 11.51 | 146 | 36758 | 18.636 | ug/l | | 98 |
| 89) n-Butylbenzene | 11.89 | 91 | 66666 | 17.525 | ug/l | | 99 |
| 90) Hexachloroethane | 12.14 | 117 | 12738 | 22.421 | ug/l | | 99 |
| 91) 1,2-Dichlorobenzene | 11.88 | 146 | 37312 | 19.566 | ug/l | | 100 |
| 92) 1,2-Dibromo-3-Chloropropan | 12.66 | 75 | 7764 | 21.625 | ug/l | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121518\
Data File : VU028685.D
Acq On : 14 Dec 2018 16:03
Operator : MD/SY
Sample : VU1215WBS02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Dec 15 00:21:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 13.50 | 180 | 22563 | 17.771 | ug/l | 99 |
| 94) Hexachlorobutadiene | 13.69 | 225 | 11612 | 18.589 | ug/l | 97 |
| 95) Naphthalene | 13.74 | 128 | 78428 | 17.139 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 13.99 | 180 | 23751 | 18.305 | ug/l | 100 |

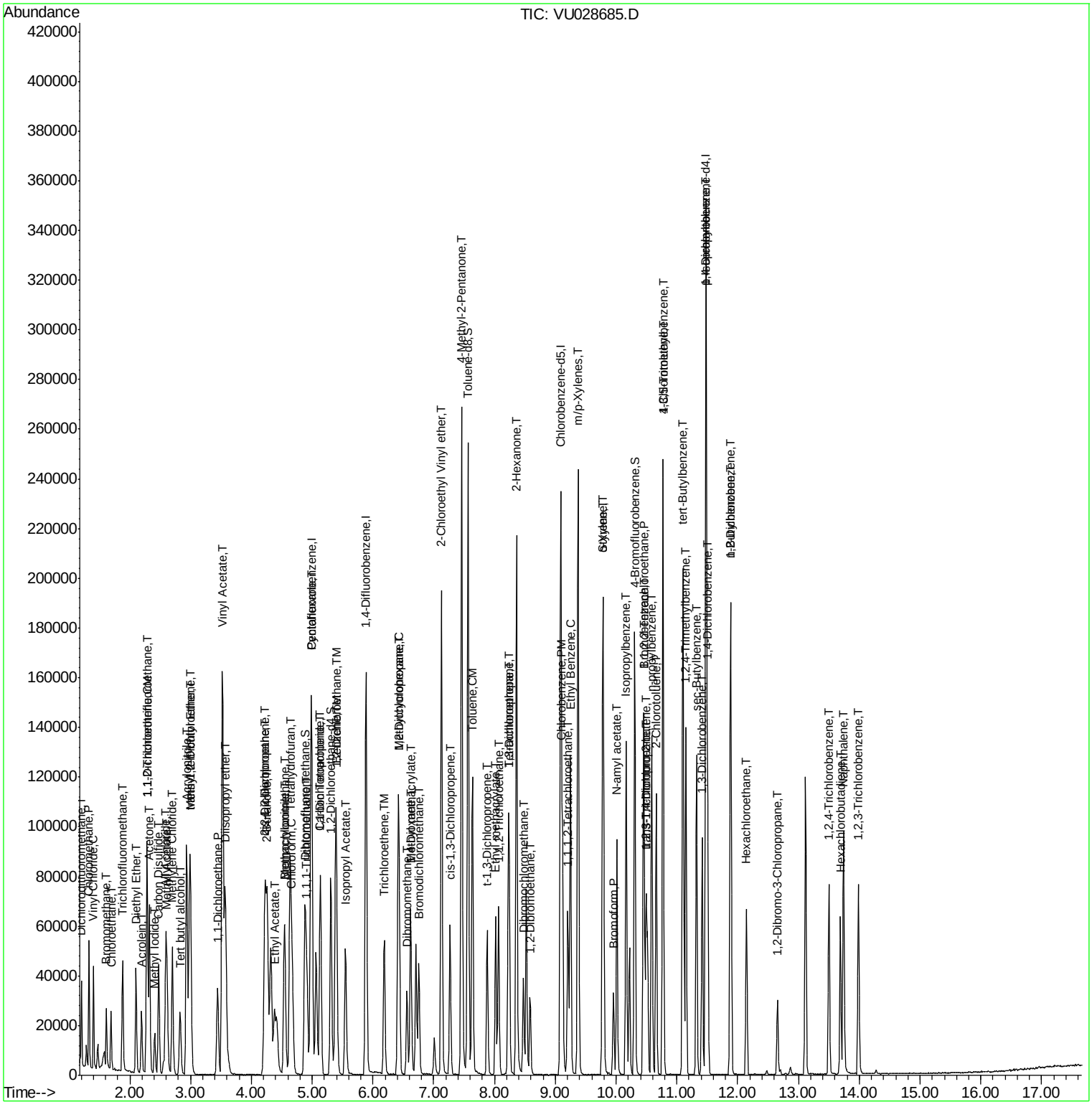
(#) = qualifier out of range (m) = manual integration (+) = signals summed

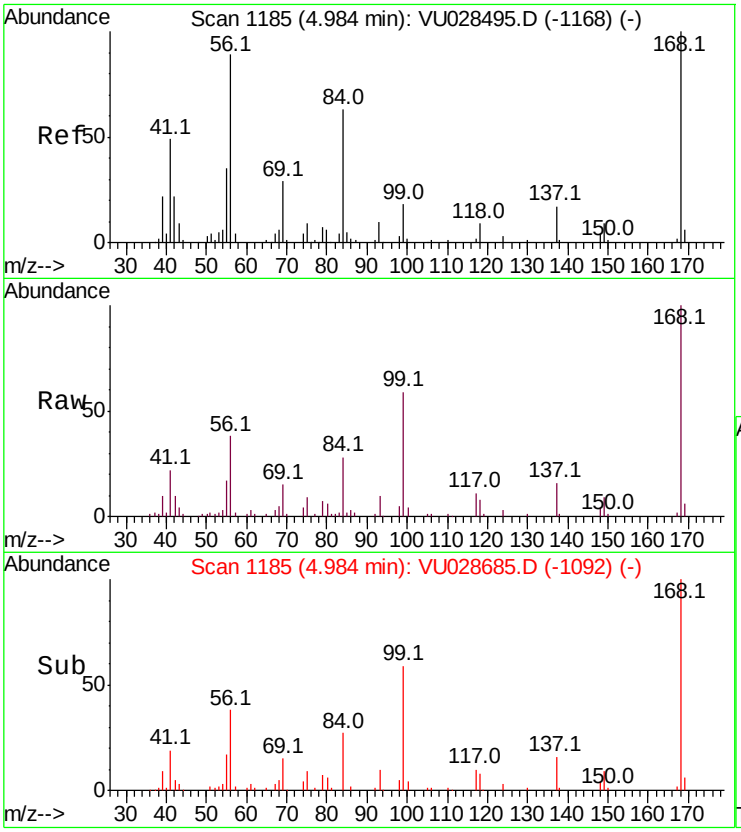
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121518\
Data File : VU028685.D
Acq On : 14 Dec 2018 16:03
Operator : MD/SY
Sample : VU1215WBS02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Dec 15 00:21:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration



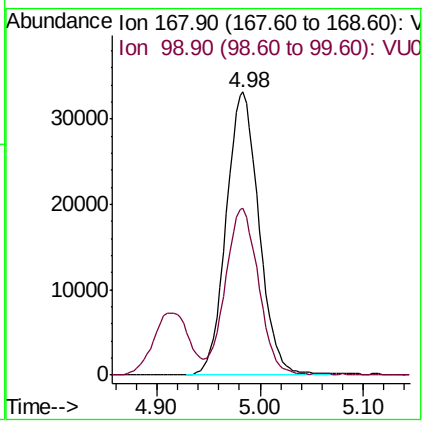


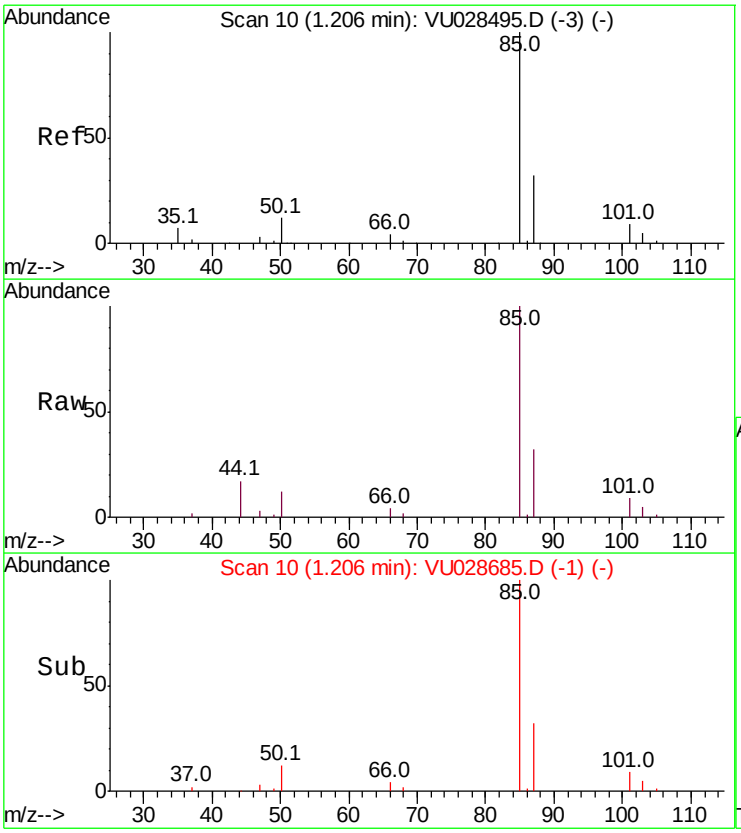

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion:168 Resp: 73523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 58.4 | 46.6 | 69.8 |

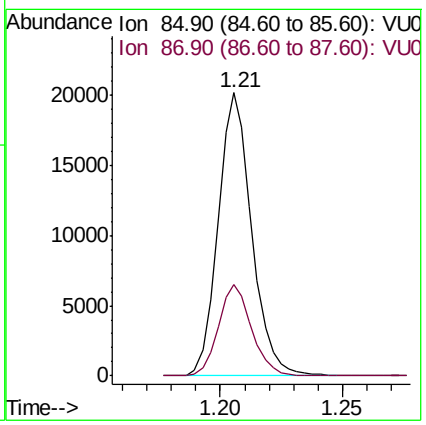


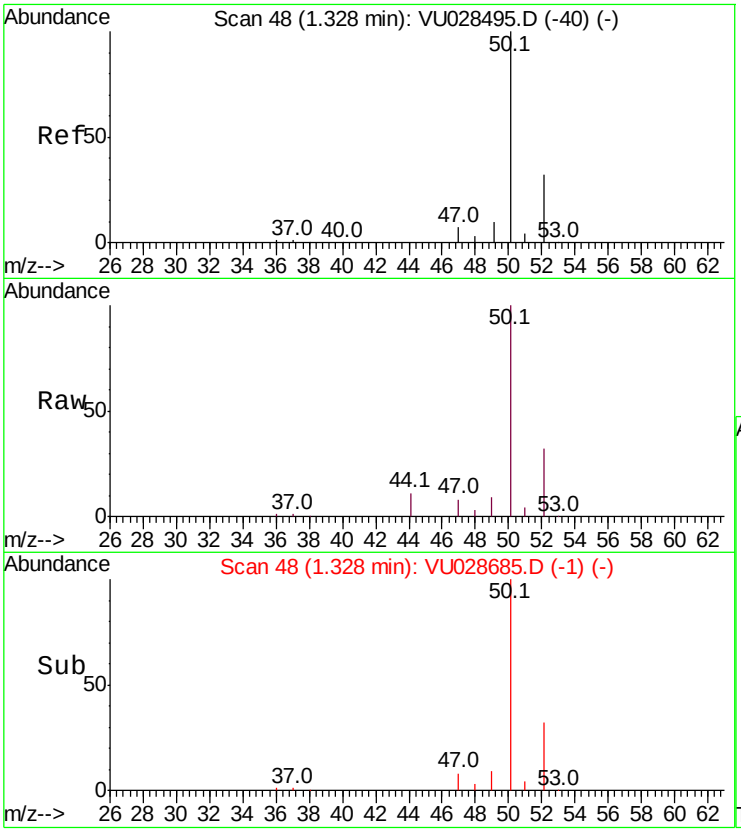




#2
Dichlorodifluoromethane
Concen: 19.605 ug/l
RT: 1.21 min Scan# 10
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion: 85 Resp: 19320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.1 | 15.9 | 47.6 |



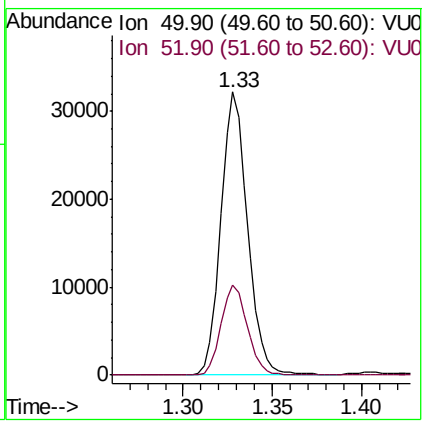


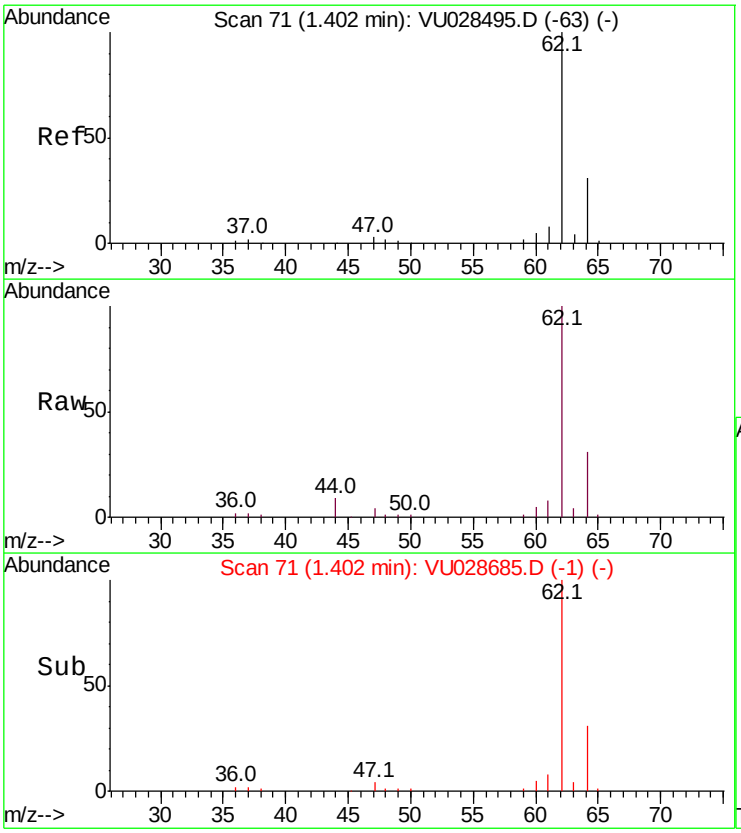

#3
Chloromethane
Concen: 18.395 ug/l
RT: 1.33 min Scan# 48
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion: 50 Resp: 33328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 31.6 | 25.5 | 38.3 |

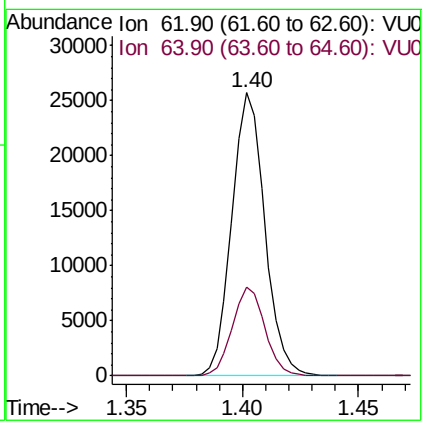


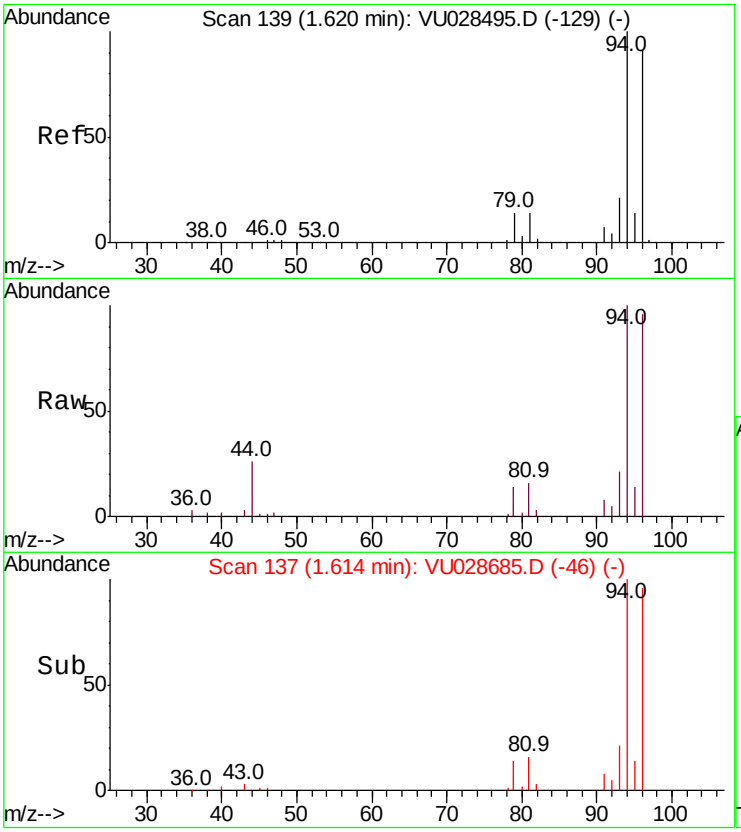




#4
Vinyl Chloride
Concen: 19.398 ug/l
RT: 1.40 min Scan# 71
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion: 62 Resp: 25363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.3 | 25.1 | 37.7 |



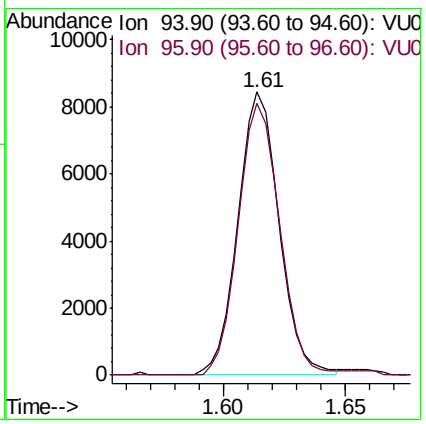


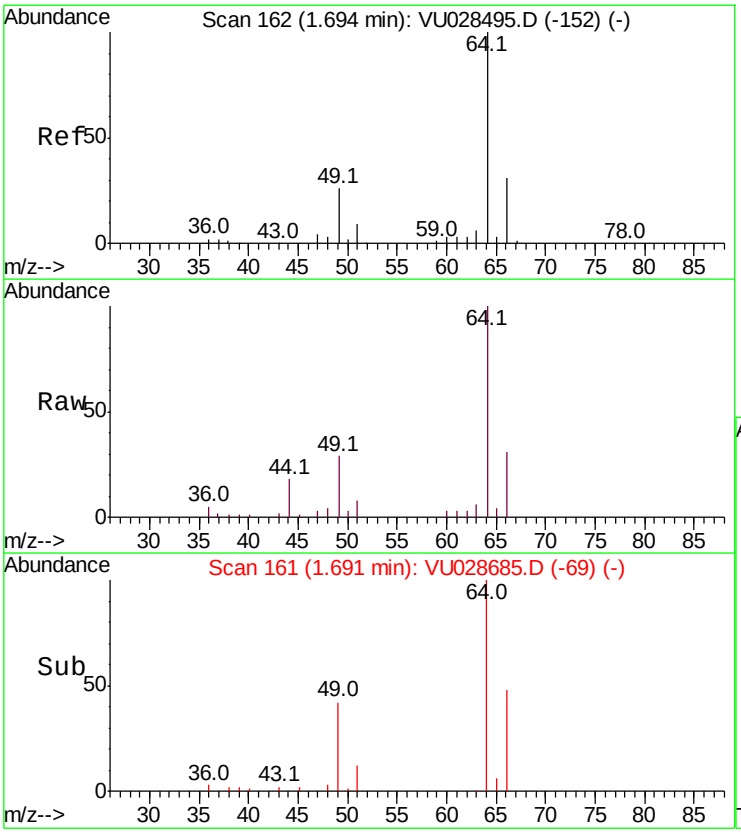

#5
Bromomethane
Concen: 18.744 ug/l
RT: 1.61 min Scan# 137
Delta R.T. -0.01 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion: 94 Resp: 9872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 95.9 | 73.2 | 109.8 |

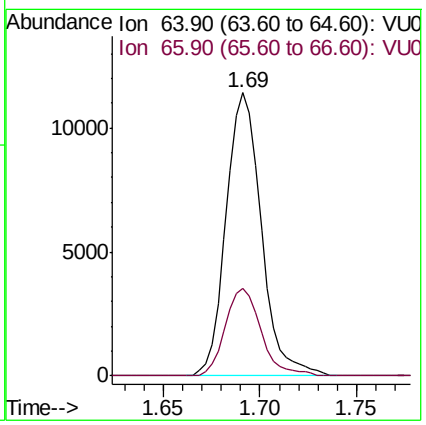


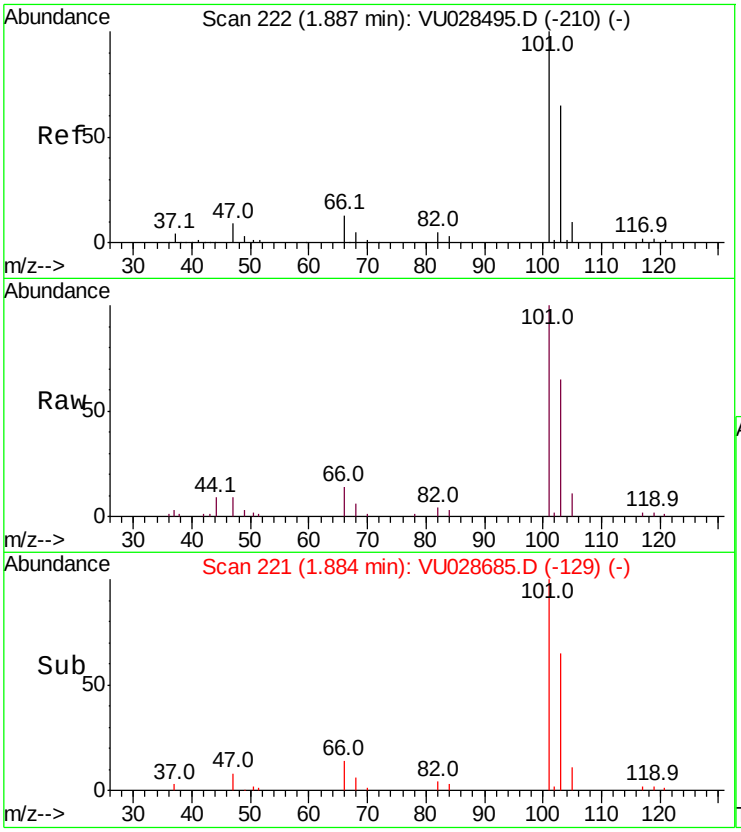




#6
Chloroethane
Concen: 19.504 ug/l
RT: 1.69 min Scan# 161
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion: 64 Resp: 14437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 30.7 | 25.0 | 37.6 |

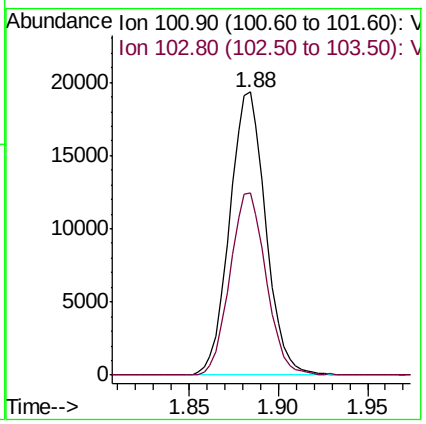




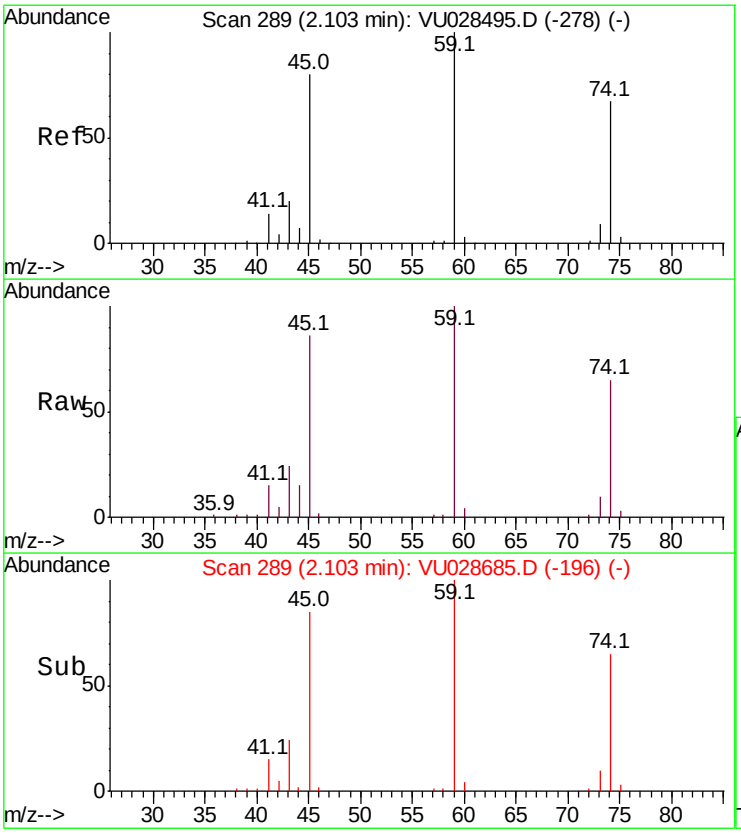

#7
Trichlorofluoromethane
Concen: 19.788 ug/l
RT: 1.88 min Scan# 221
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion:101 Resp: 27221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 64.6 | 52.3 | 78.5 |



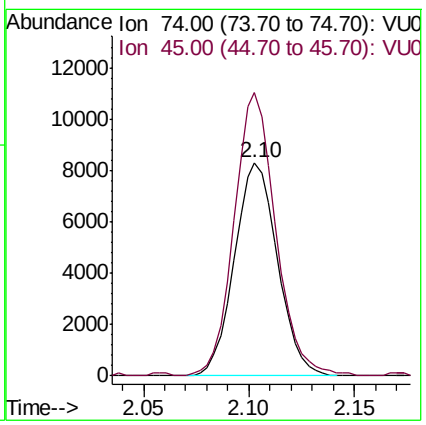

**Instrument :**
MSVOA_U
**ClientSampleId :**

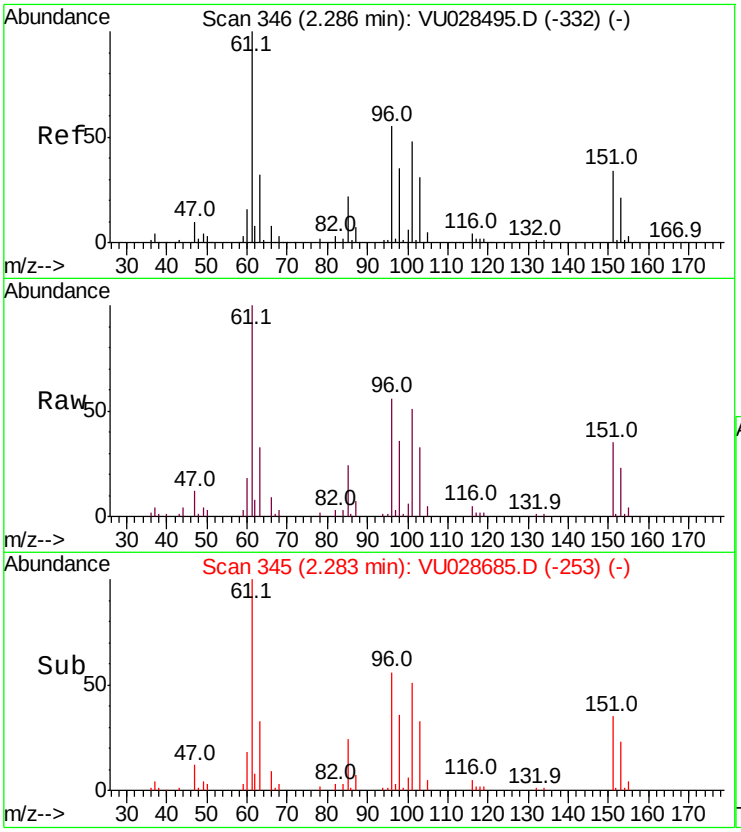



#8
Diethyl Ether
Concen: 18.257 ug/l
RT: 2.10 min Scan# 289
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion: 74 Resp: 11750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 128.7 | 59.7 | 179.0 |



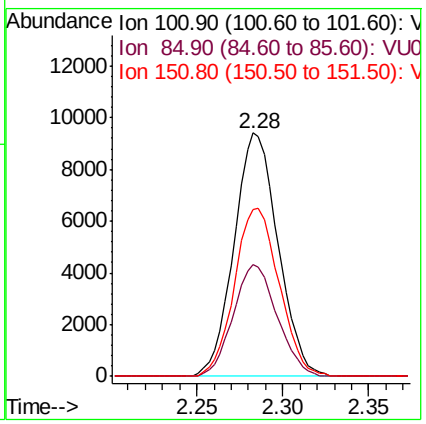


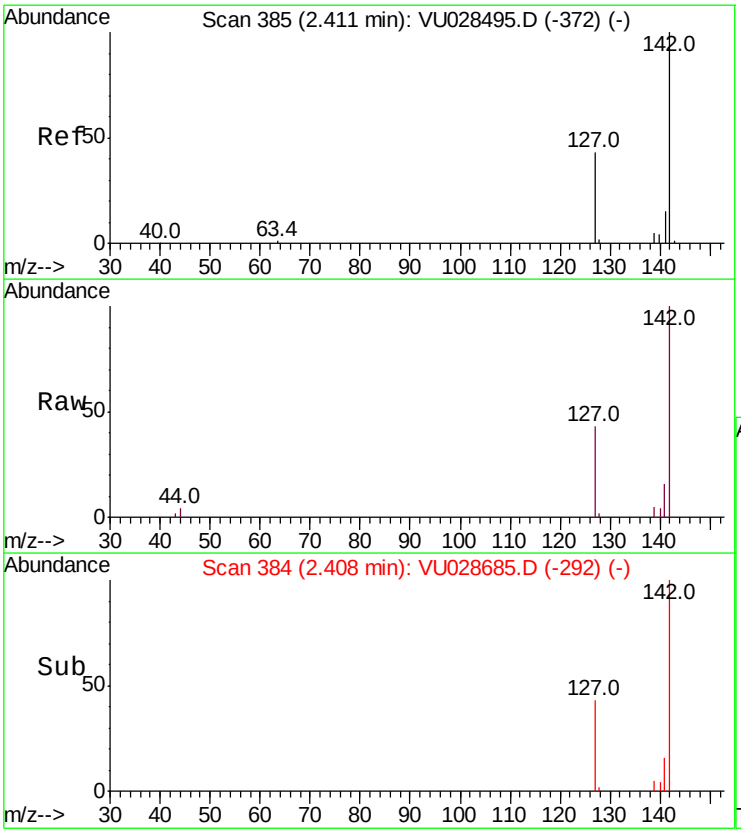

#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.309 ug/l
RT: 2.28 min Scan# 345
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion:101 Resp: 16709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 45.5 | 36.4 | 54.6 |
| 151 | 70.0 | 58.2 | 87.2 |

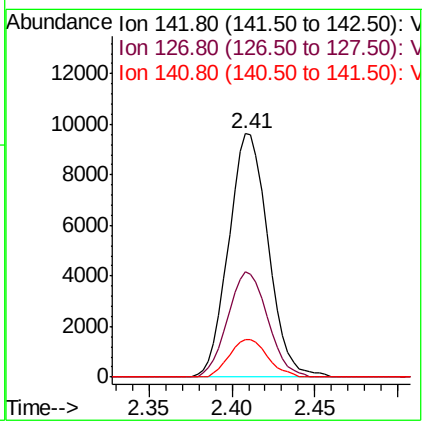


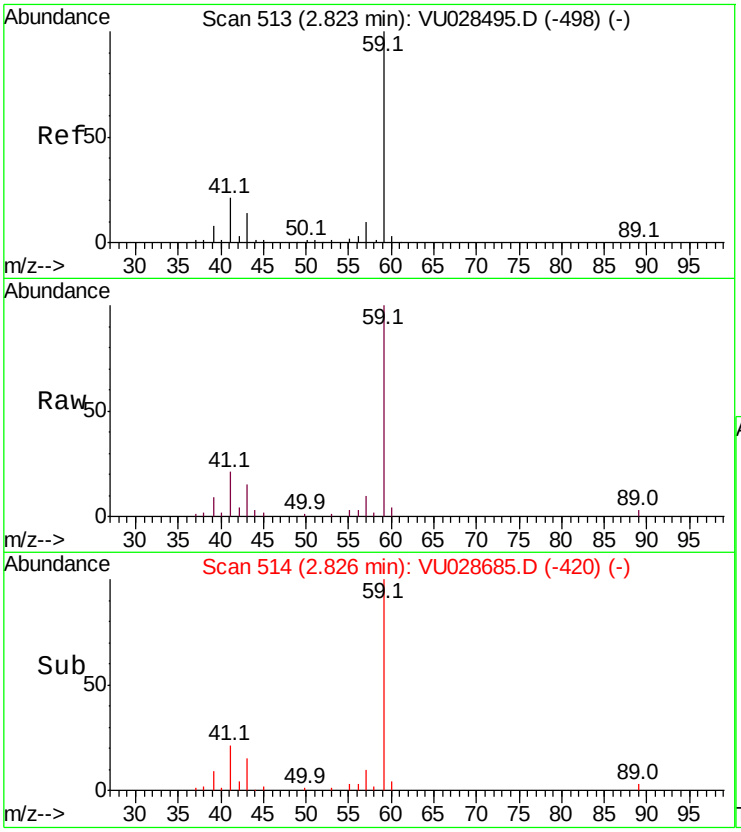




#10
Methyl Iodide
Concen: 24.762 ug/l
RT: 2.41 min Scan# 384
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion:142 Resp: 15985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 43.5 | 33.5 | 50.3 |
| 141 | 15.0 | 11.2 | 16.8 |



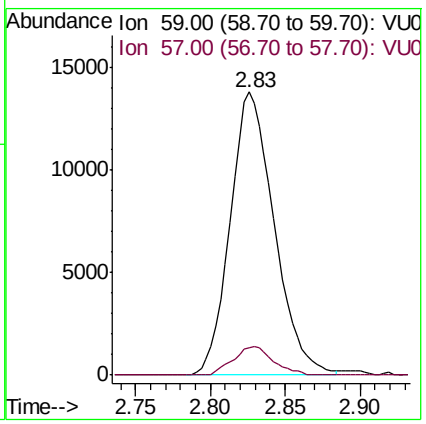


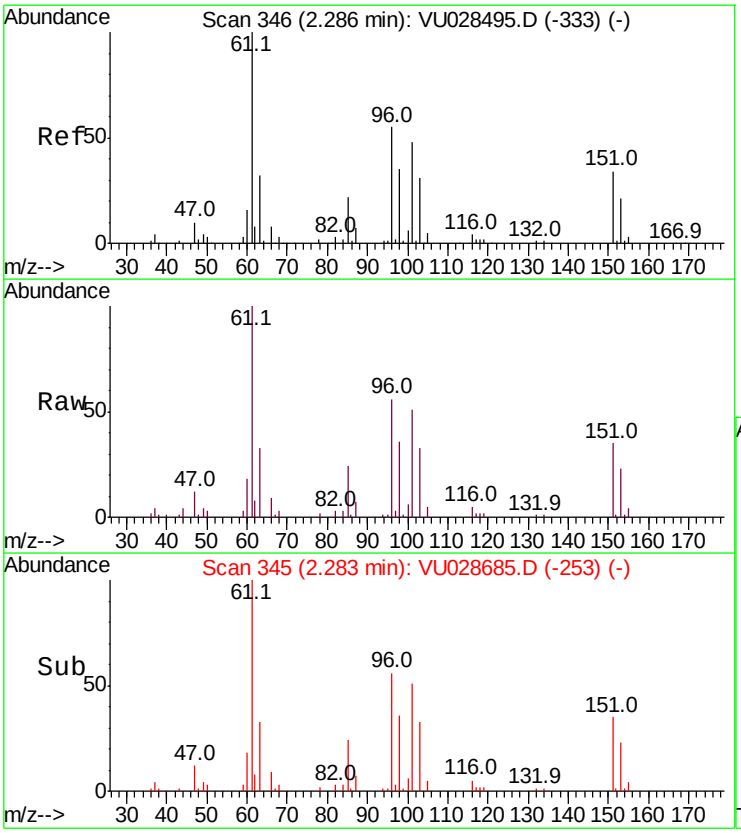

#11
Tert butyl alcohol
Concen: 112.965 ug/l
RT: 2.83 min Scan# 514
Delta R.T. 0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion: 59 Resp: 28239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 9.1 | 8.0 | 12.0 |

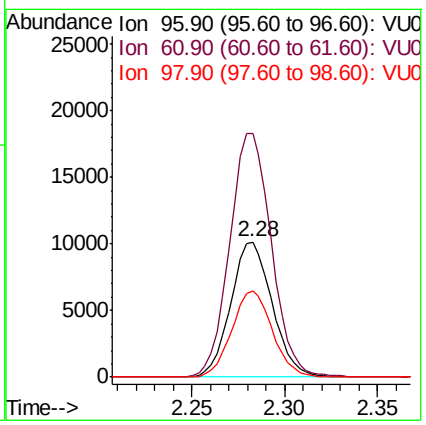


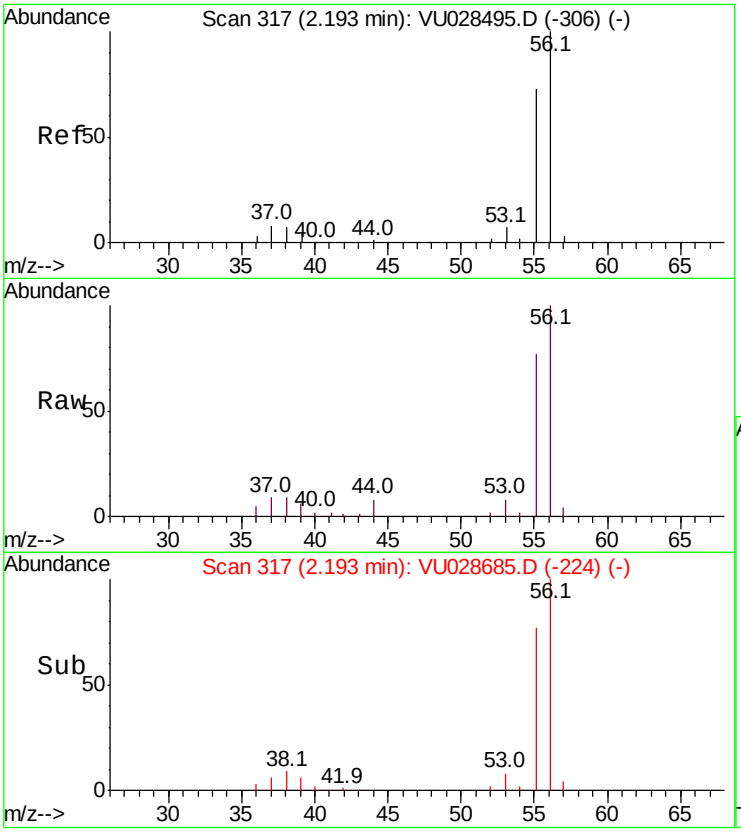




#12
1,1-Dichloroethene
Concen: 19.243 ug/l
RT: 2.28 min Scan# 345
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion: 96 Resp: 15752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 179.9 | 146.4 | 219.6 |
| 98 | 64.0 | 51.8 | 77.8 |



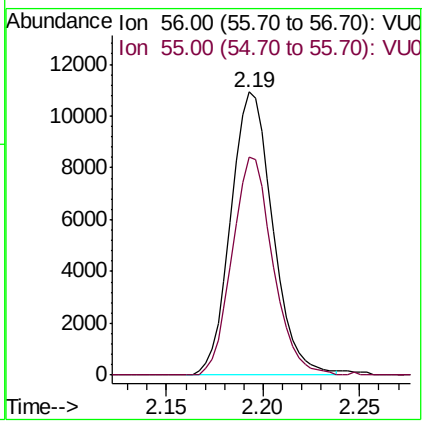


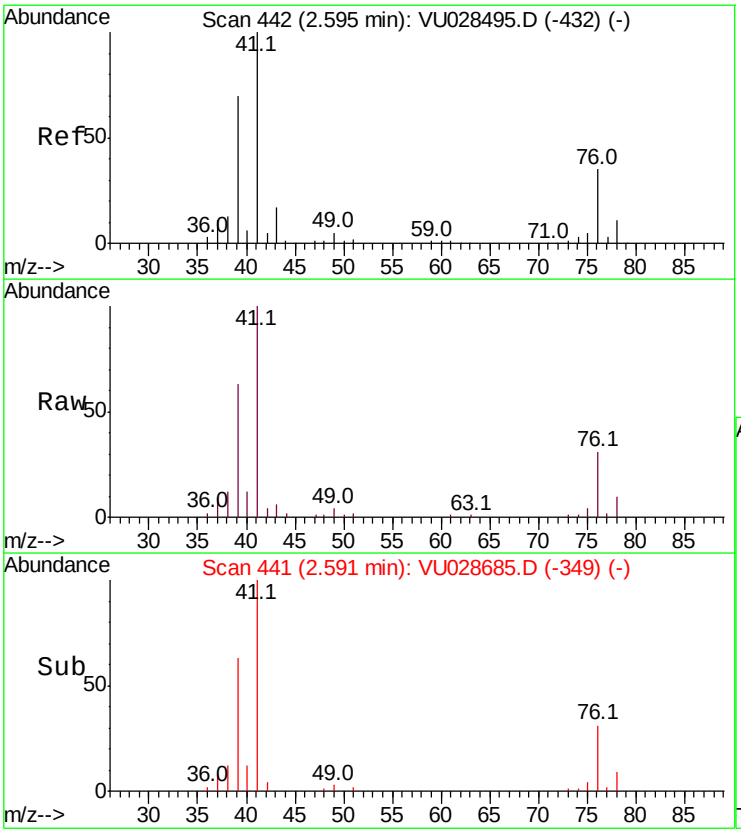

#13
Acrolein
Concen: 82.833 ug/l
RT: 2.19 min Scan# 317
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion: 56 Resp: 16507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 74.7 | 57.5 | 86.3 |

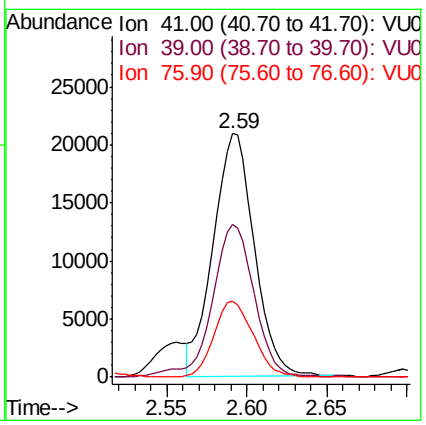


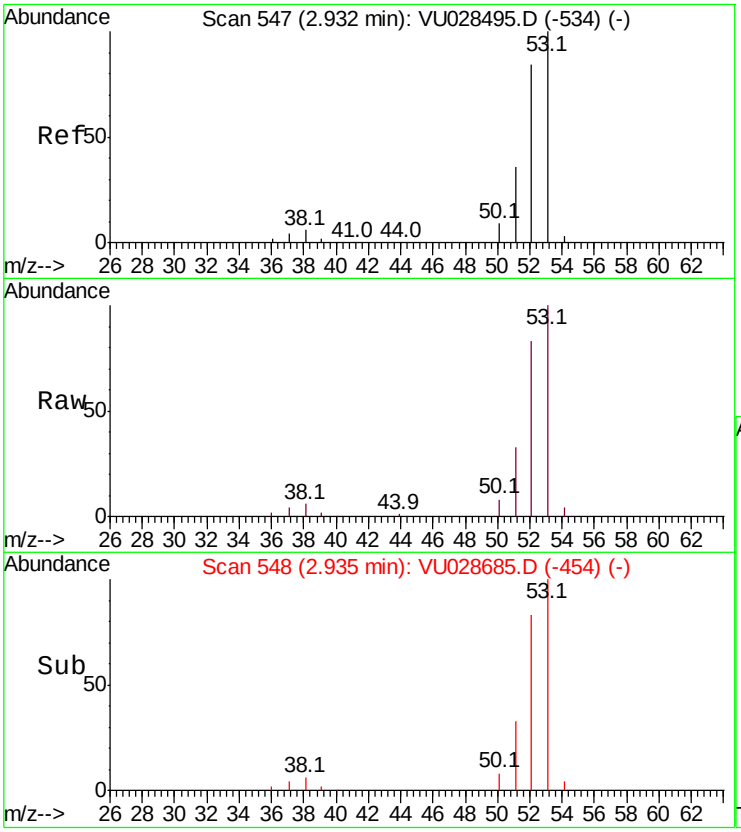




#14
Allyl chloride
Concen: 19.123 ug/l
RT: 2.59 min Scan# 441
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion: 41 Resp: 37033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 63.7 | 50.8 | 76.2 |
| 76 | 29.8 | 24.8 | 37.2 |



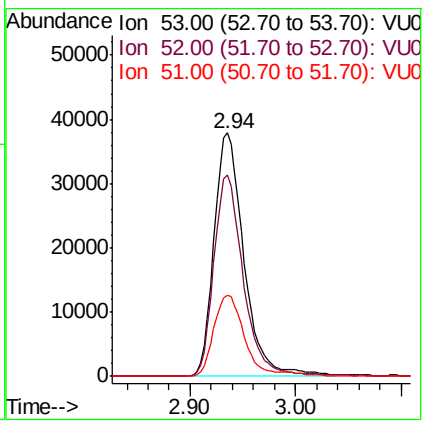


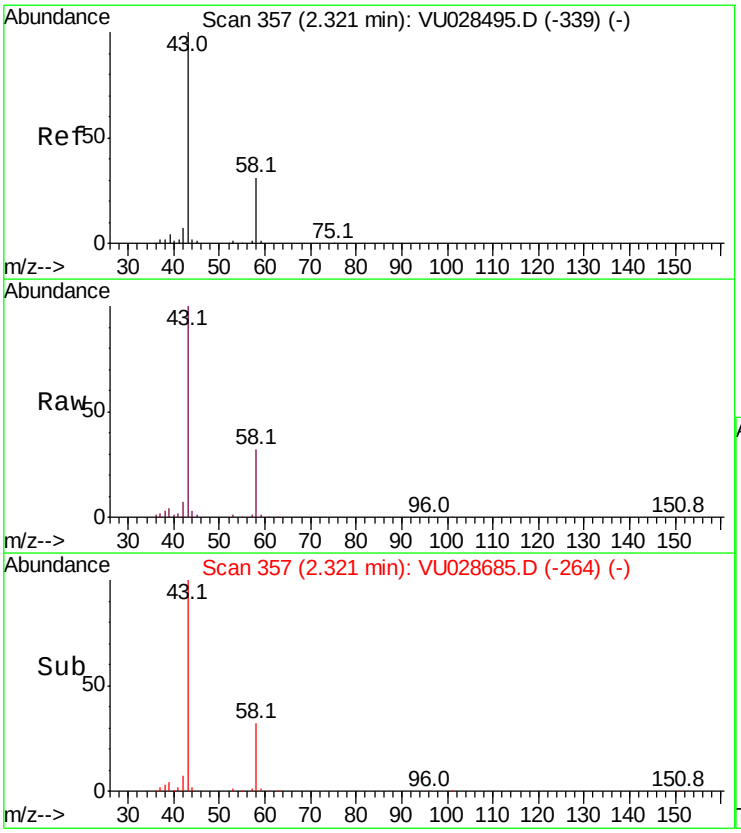

#15
Acrylonitrile
Concen: 107.523 ug/l
RT: 2.94 min Scan# 548
Delta R.T. 0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion: 53 Resp: 74623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 81.3 | 66.1 | 99.1 |
| 51 | 34.7 | 28.1 | 42.1 |

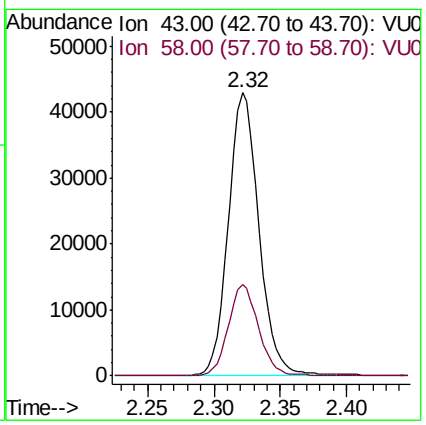


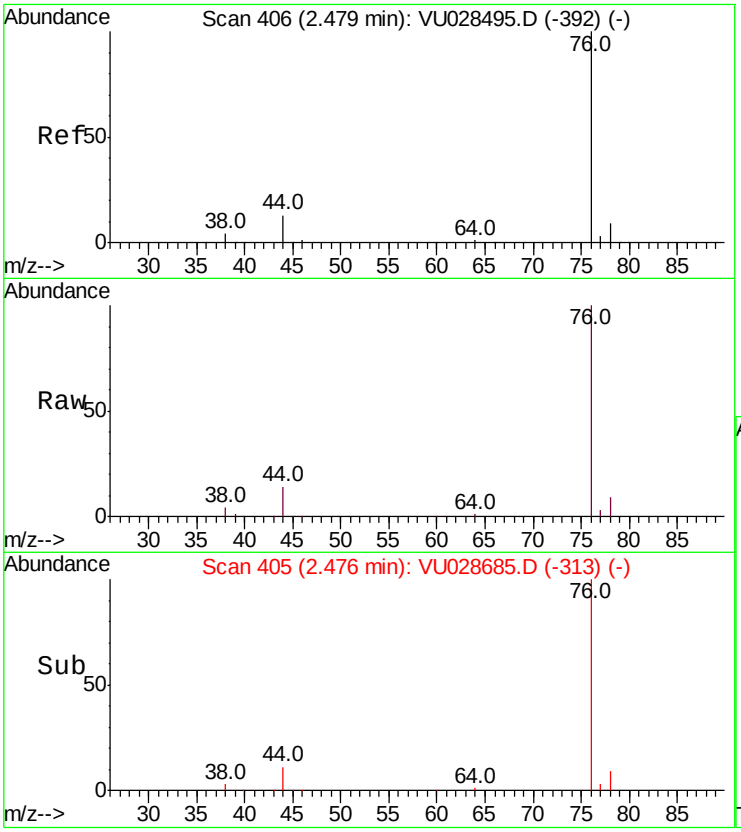




#16
Acetone
Concen: 93.057 ug/l
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion: 43 Resp: 68133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 32.4 | 24.6 | 37.0 |



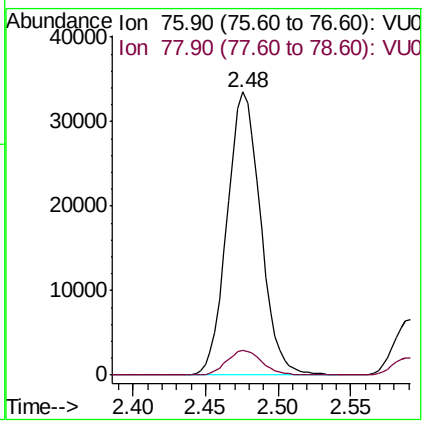


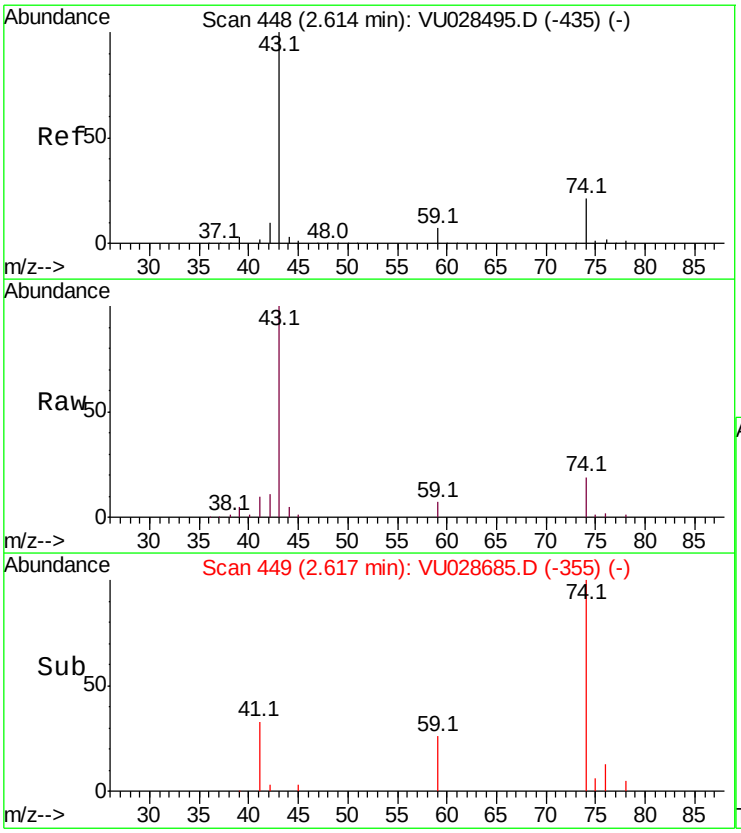

#17
Carbon Disulfide
Concen: 18.220 ug/l
RT: 2.48 min Scan# 405
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion: 76 Resp: 53732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.8 | 7.2 | 10.8 |

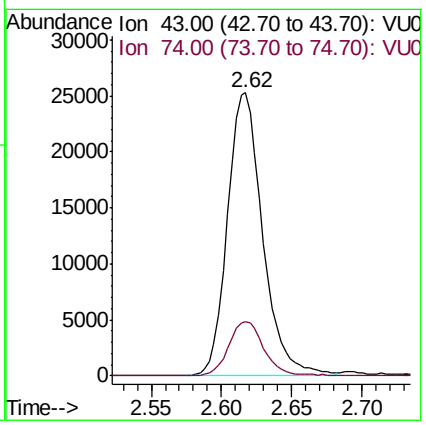


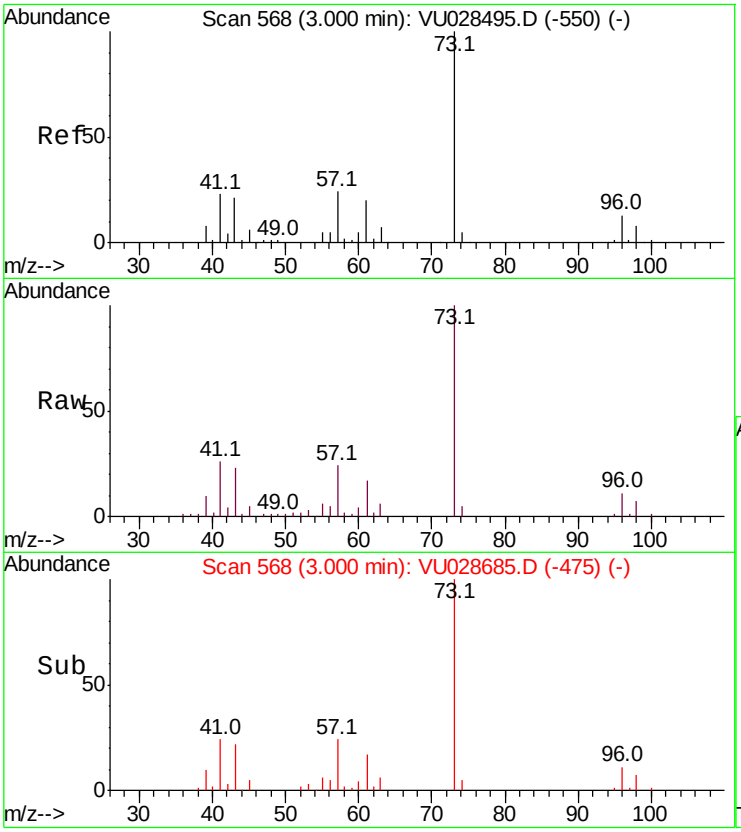




#18
Methyl Acetate
Concen: 23.351 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion: 43 Resp: 44320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 19.2 | 16.4 | 24.6 |



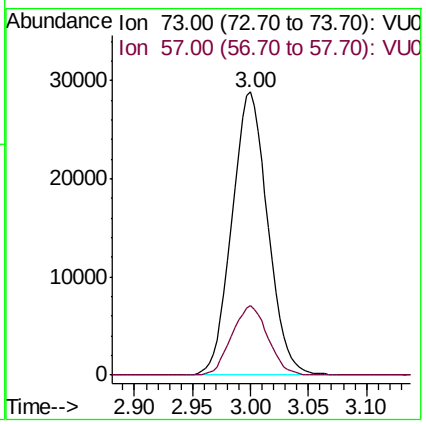


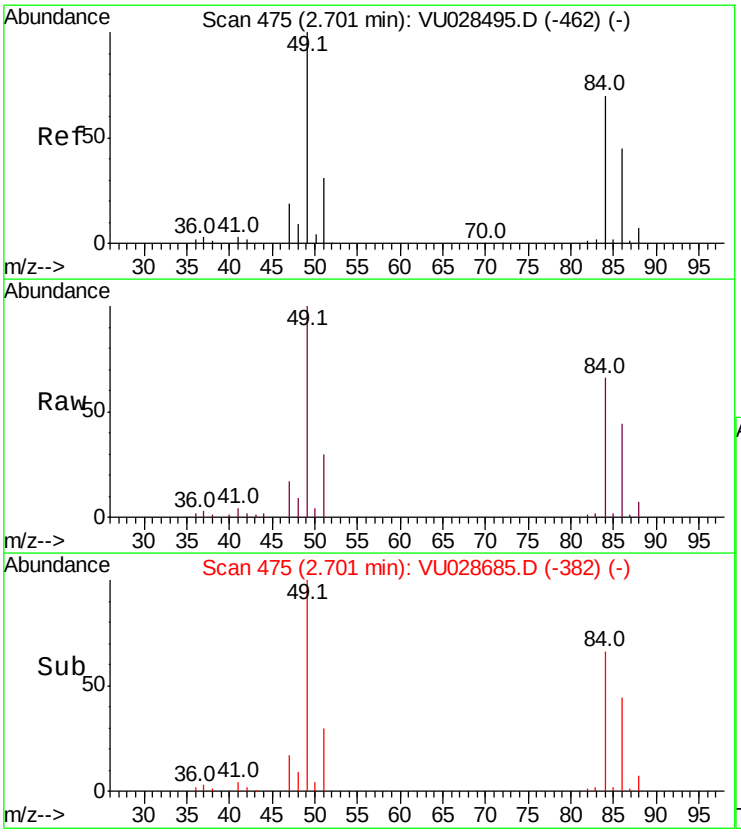

#19
Methyl tert-butyl Ether
Concen: 19.925 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion: 73 Resp: 61832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 24.5 | 19.4 | 29.2 |

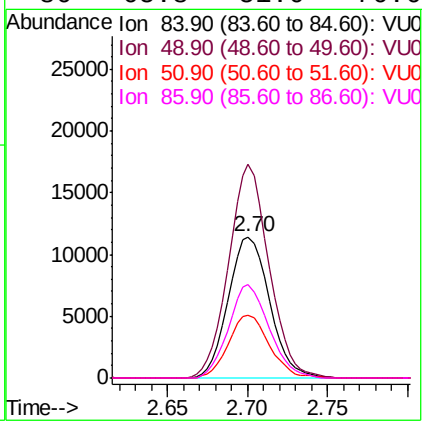


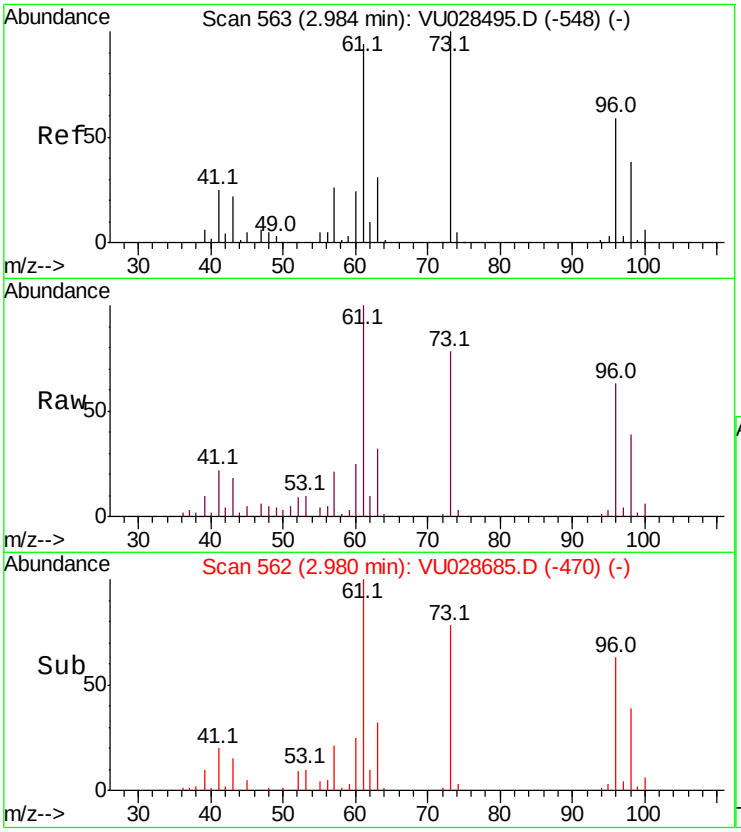




#20
Methylene Chloride
Concen: 18.670 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion: 84 Resp: 20151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 151.0 | 114.0 | 171.0 |
| 51 | 44.8 | 35.1 | 52.7 |
| 86 | 65.8 | 51.0 | 76.6 |



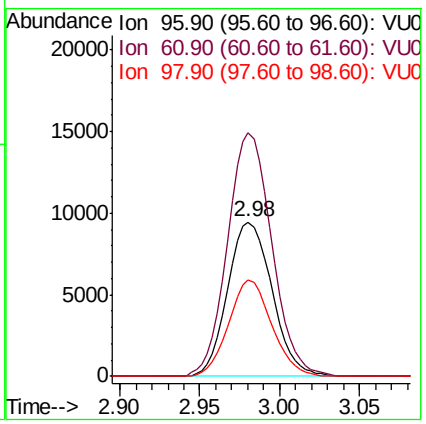


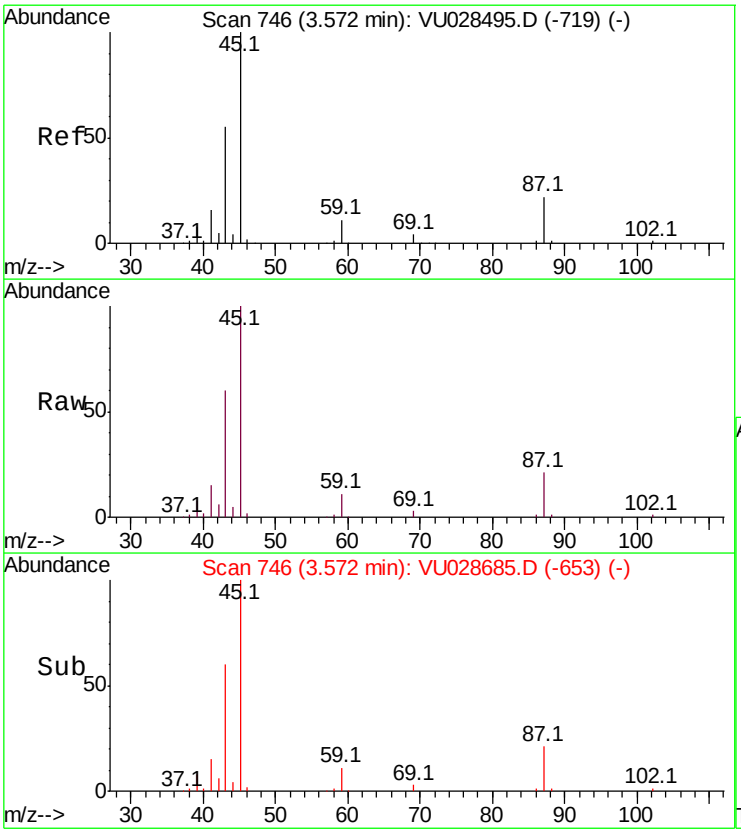

#21
trans-1,2-Dichloroethene
Concen: 19.412 ug/l
RT: 2.98 min Scan# 562
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion: 96 Resp: 17891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 157.6 | 127.0 | 190.4 |
| 98 | 62.1 | 51.9 | 77.9 |

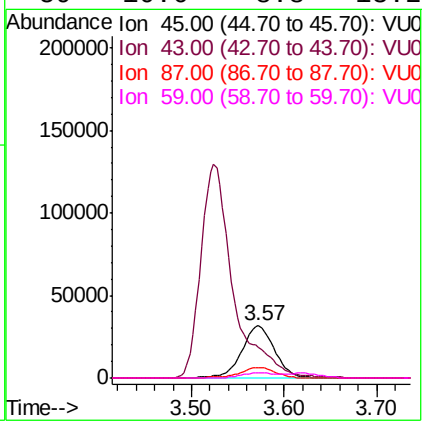


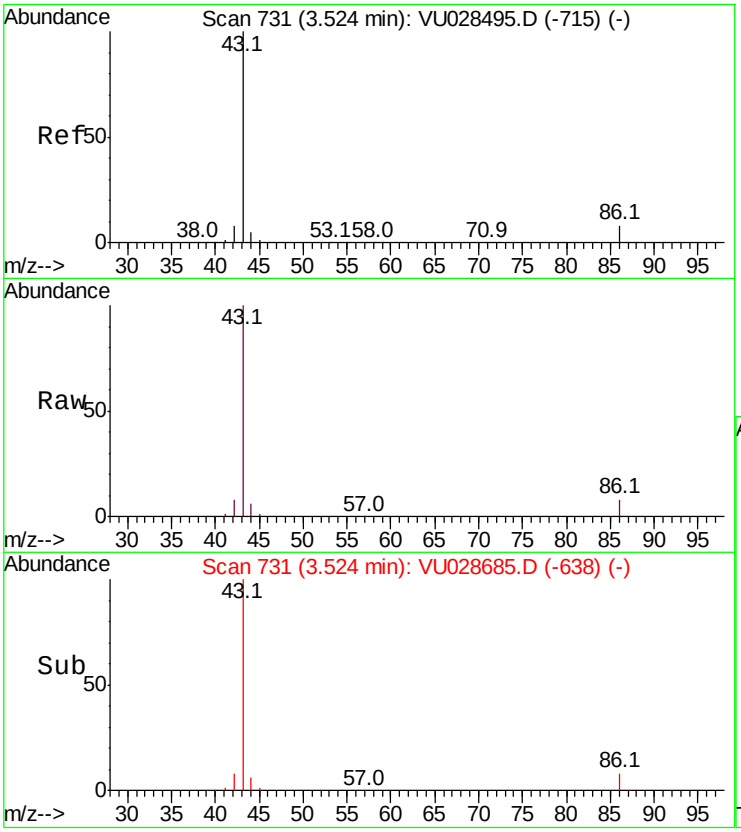




#22
Diisopropyl ether
Concen: 20.716 ug/l
RT: 3.57 min Scan# 746
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion: 45 Resp: 78013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 57.9 | 45.3 | 67.9 |
| 87 | 20.8 | 17.6 | 26.4 |
| 59 | 10.6 | 8.8 | 13.2 |



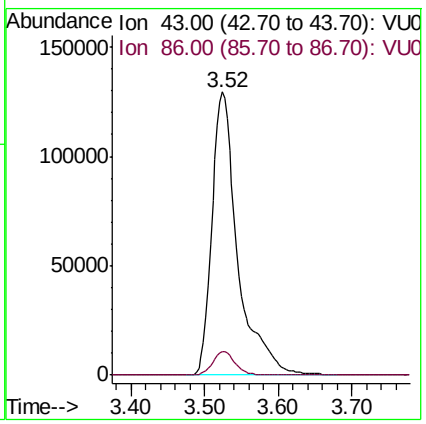


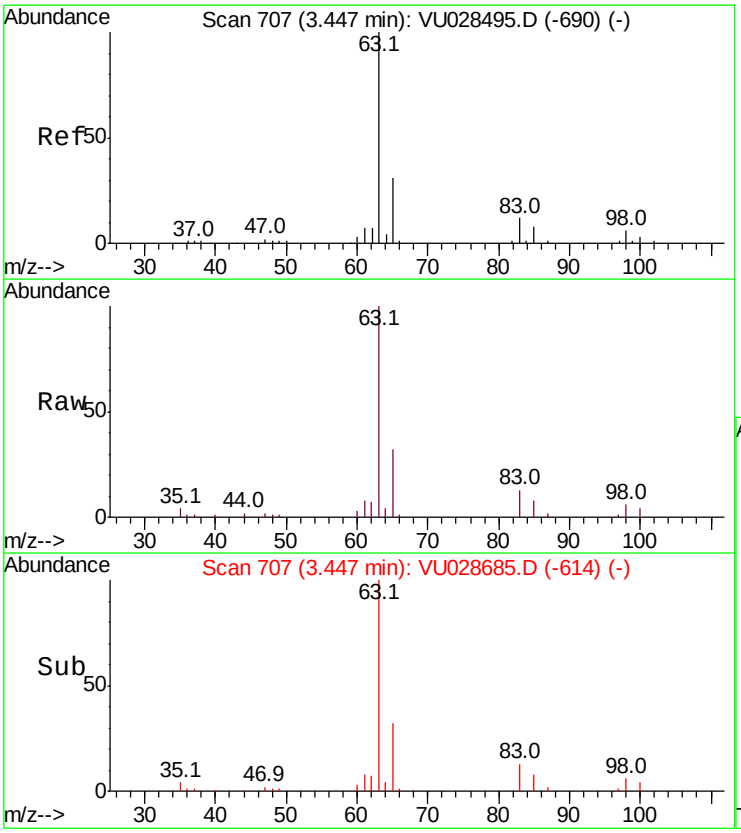

#23
Vinyl Acetate
Concen: 101.548 ug/l
RT: 3.52 min Scan# 731
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion: 43 Resp: 315434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 8.2 | 6.8 | 10.2 |

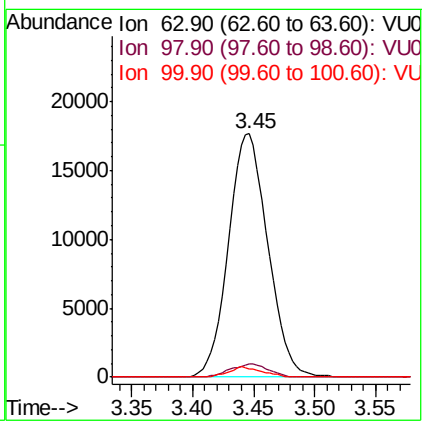


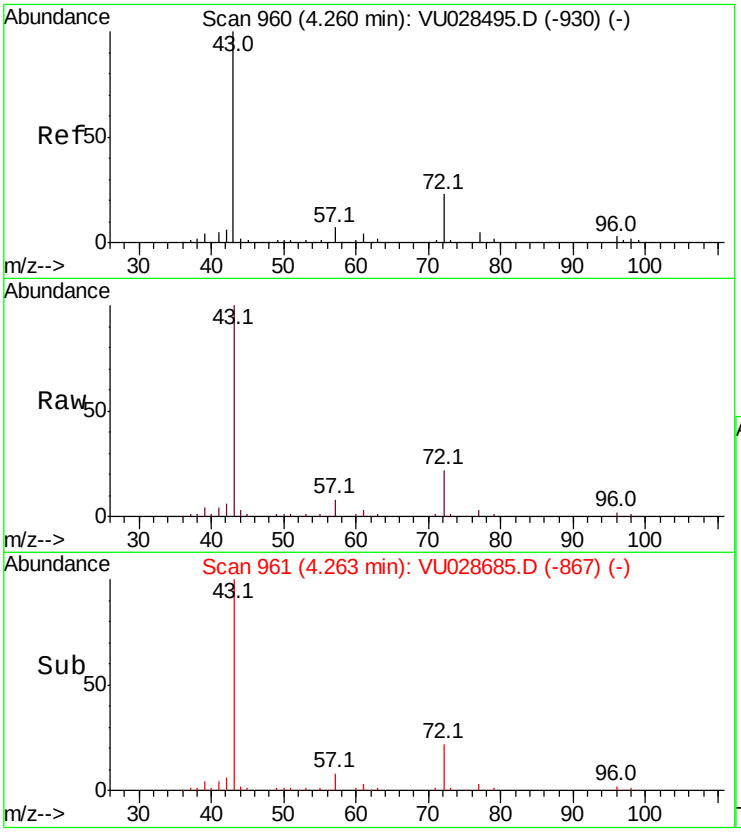




#24
1,1-Dichloroethane
Concen: 20.039 ug/l
RT: 3.45 min Scan# 707
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion: 63 Resp: 39502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 5.5 | 3.0 | 9.2 |
| 100 | 3.5 | 1.7 | 5.1 |



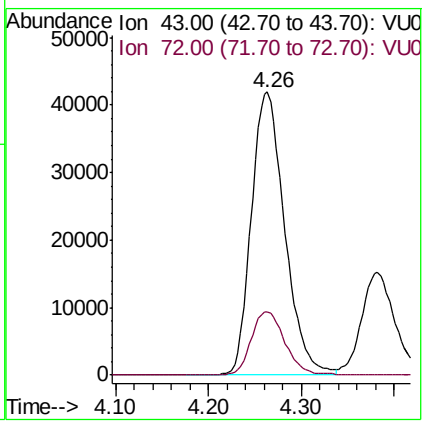


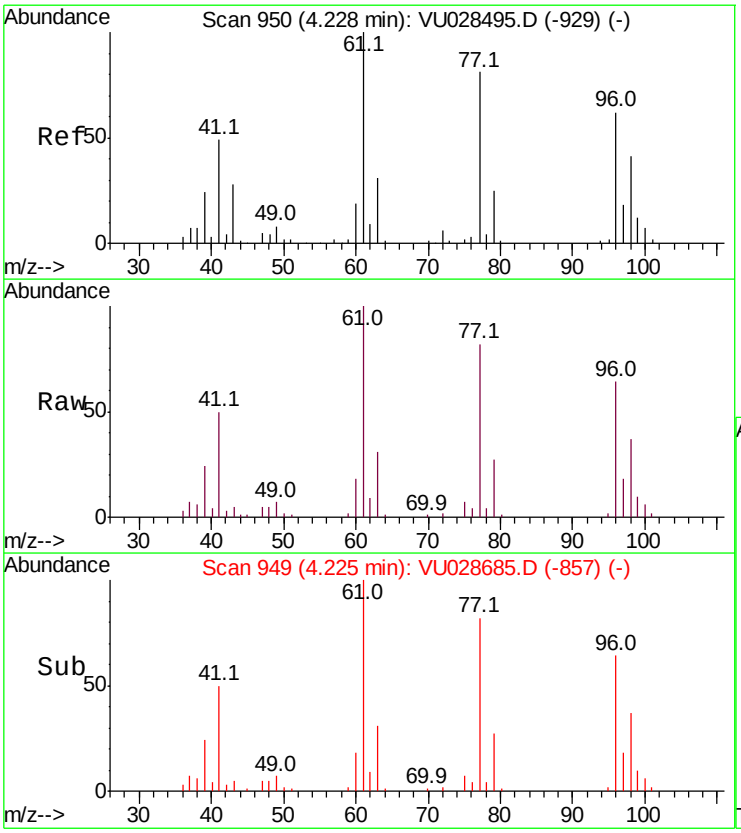

#25
2-Butanone
Concen: 104.804 ug/l
RT: 4.26 min Scan# 961
Delta R.T. 0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion: 43 Resp: 104864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 22.4 | 18.6 | 28.0 |

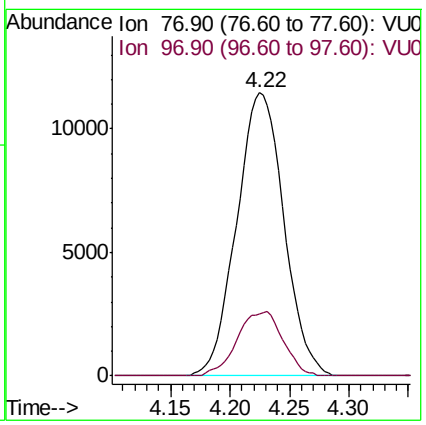


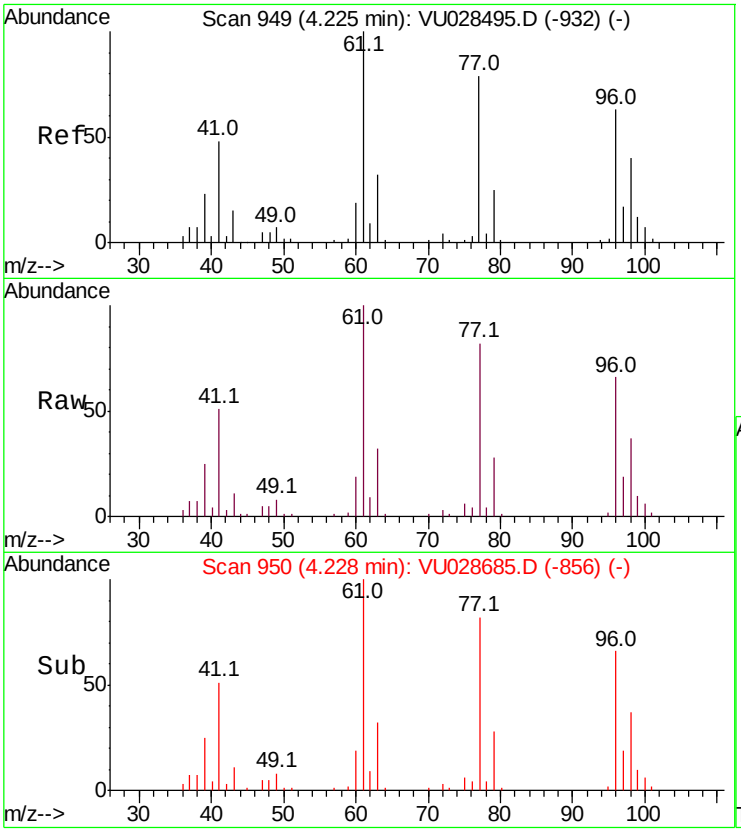




#26
2,2-Dichloropropane
Concen: 20.158 ug/l
RT: 4.22 min Scan# 949
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion: 77 Resp: 31486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 22.0 | 11.0 | 33.0 |



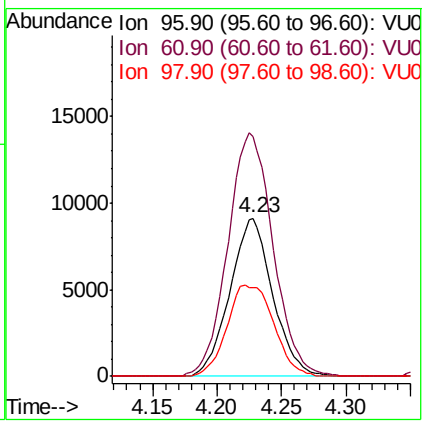


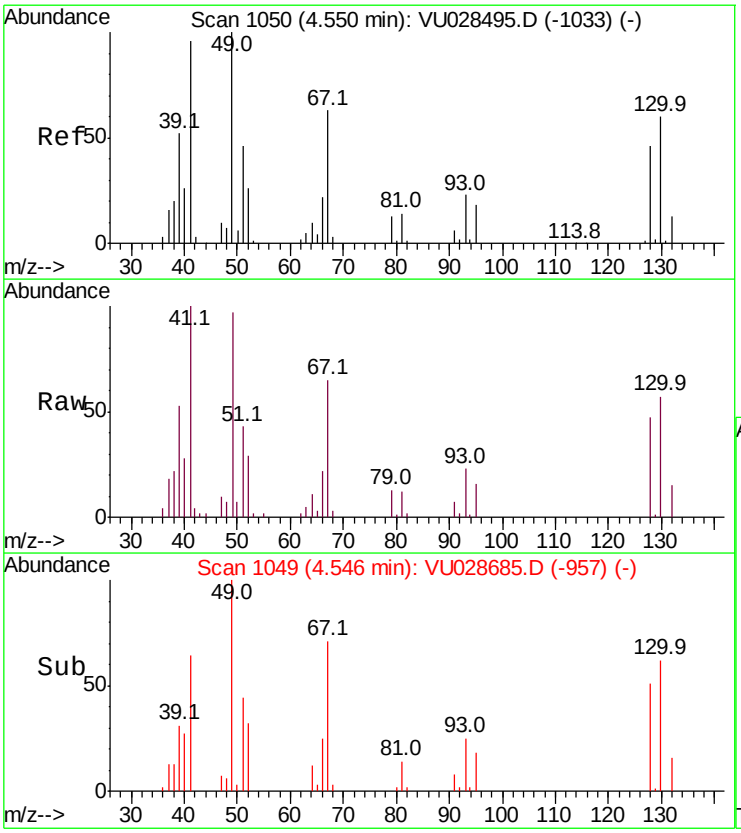

#27
cis-1,2-Dichloroethene
Concen: 20.163 ug/l
RT: 4.23 min Scan# 950
Delta R.T. 0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion: 96 Resp: 21034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 163.0 | 0.0 | 332.4 |
| 98 | 63.0 | 0.0 | 129.0 |

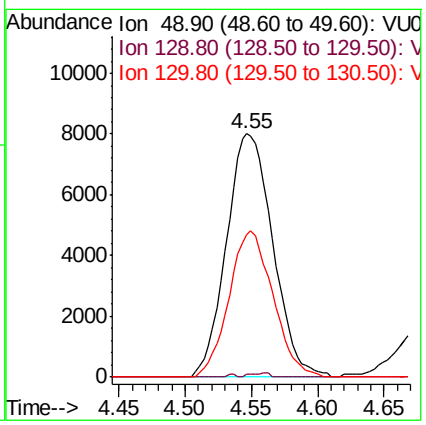


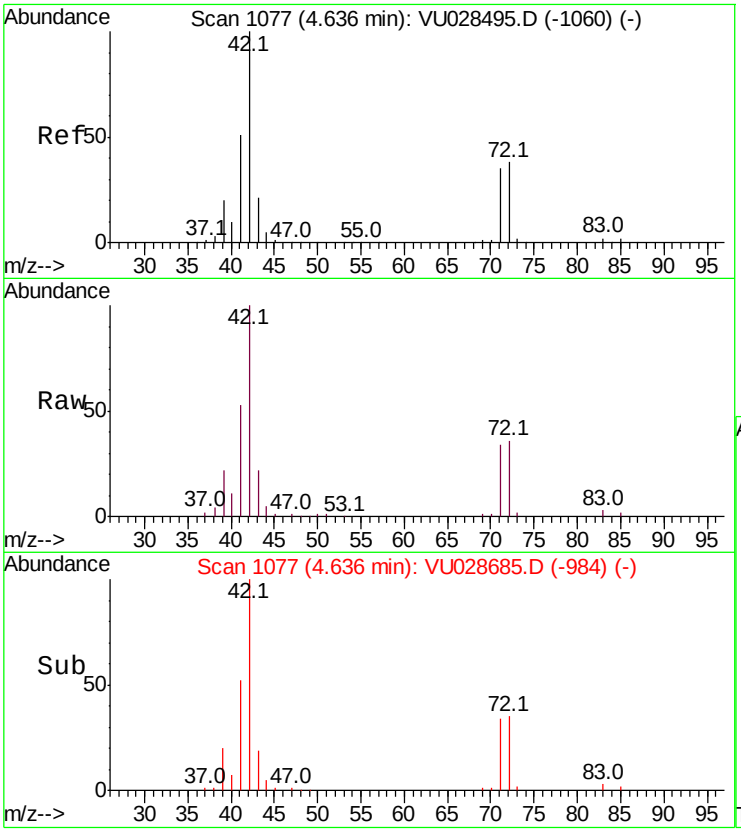




#28
Bromochloromethane
Concen: 21.738 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion: 49 Resp: 19480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 0.7 | 0.0 | 3.0 |
| 130 | 56.9 | 47.8 | 71.8 |



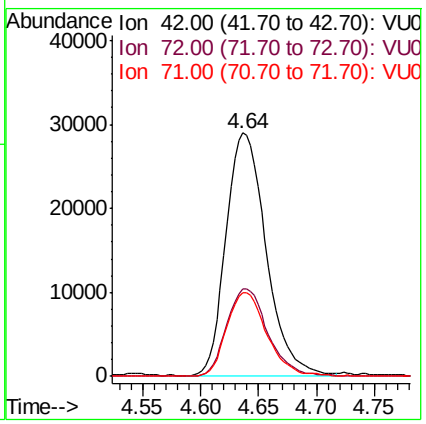


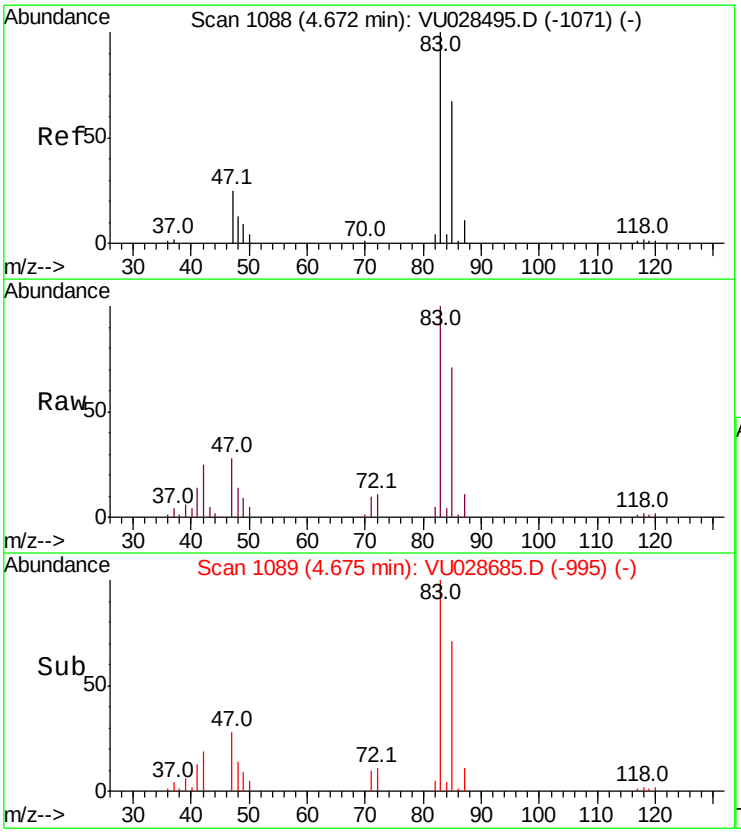

#29
Tetrahydrofuran
Concen: 109.028 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion: 42 Resp: 70062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 36.6 | 31.4 | 47.0 |
| 71 | 34.2 | 28.6 | 43.0 |

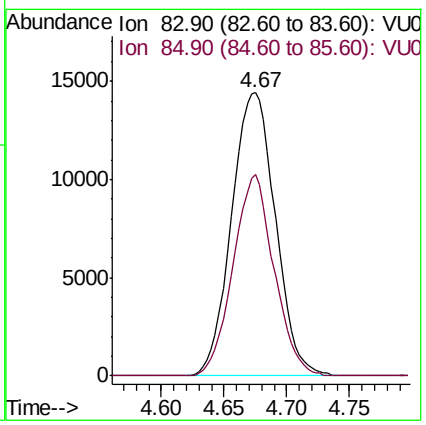


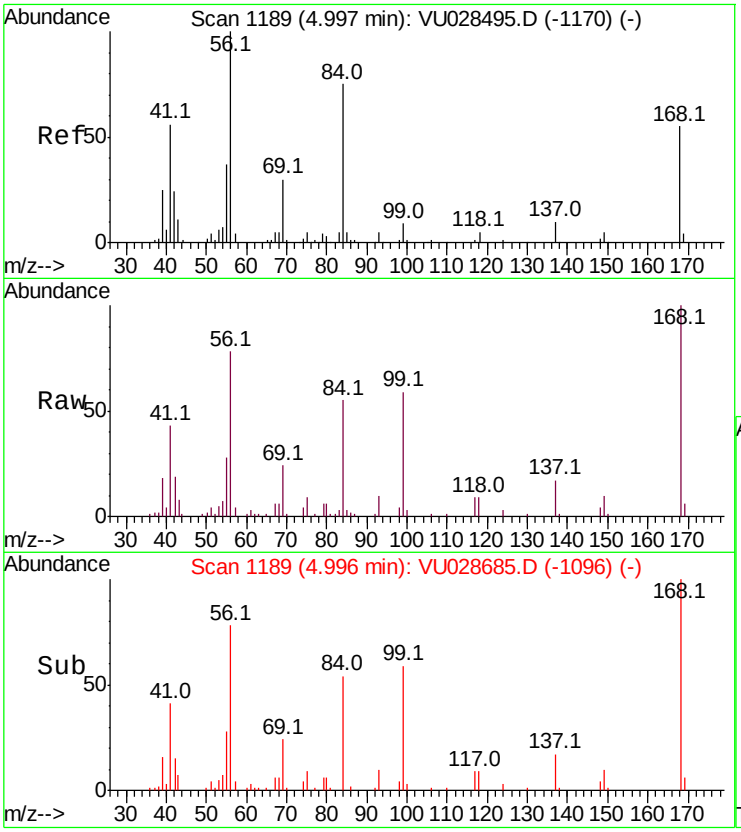




#30
Chloroform
Concen: 20.395 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion: 83 Resp: 35040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 71.0 | 53.6 | 80.4 |



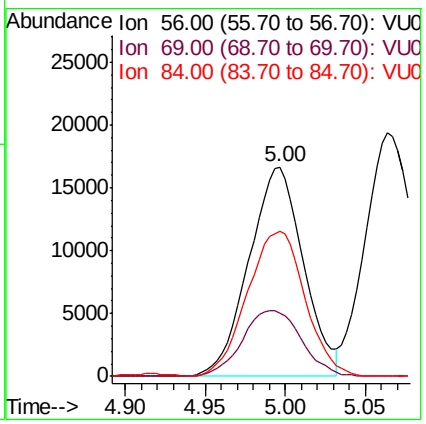


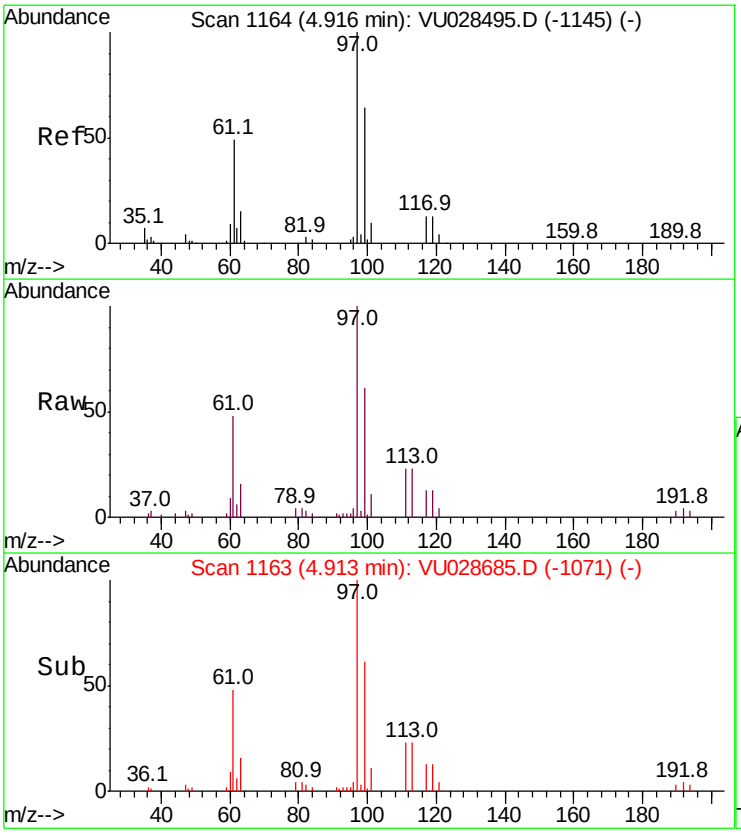

#31
Cyclohexane
Concen: 19.629 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion: 56 Resp: 39159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 30.1 | 24.0 | 36.0 |
| 84 | 69.6 | 59.7 | 89.5 |

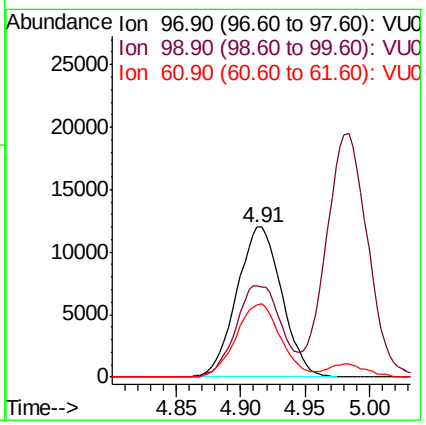


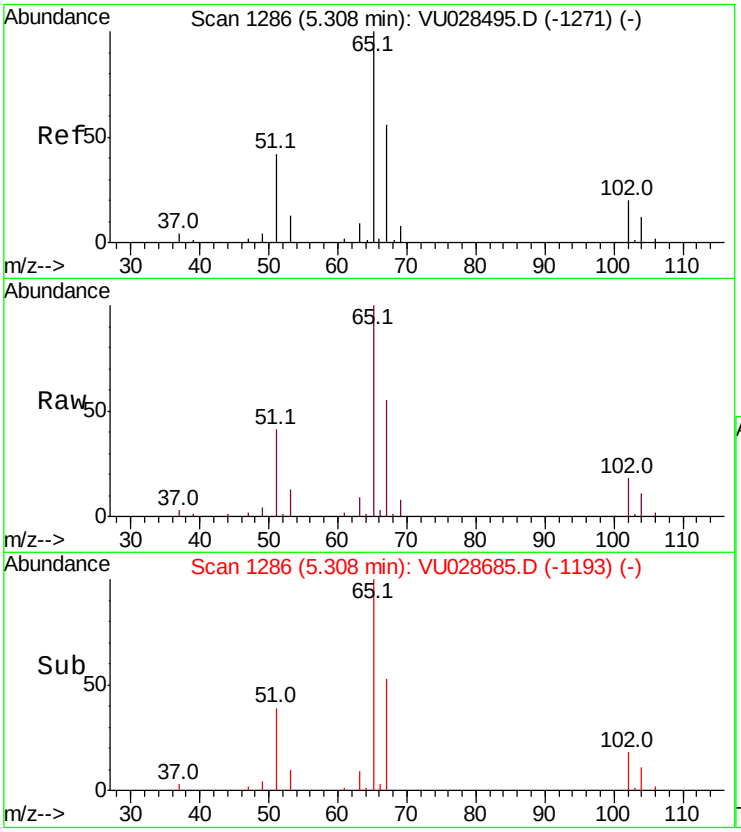




#32
1,1,1-Trichloroethane
Concen: 20.454 ug/l
RT: 4.91 min Scan# 1163
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion: 97 Resp: 29186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 61.5 | 52.3 | 78.5 |
| 61 | 48.3 | 39.0 | 58.6 |



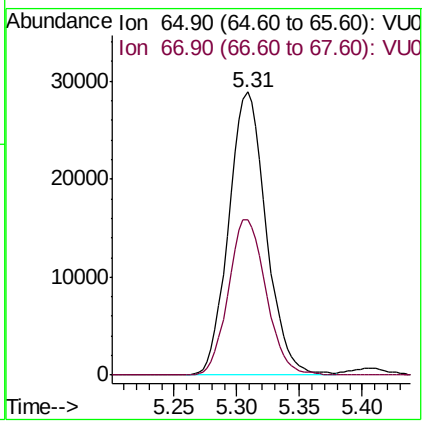


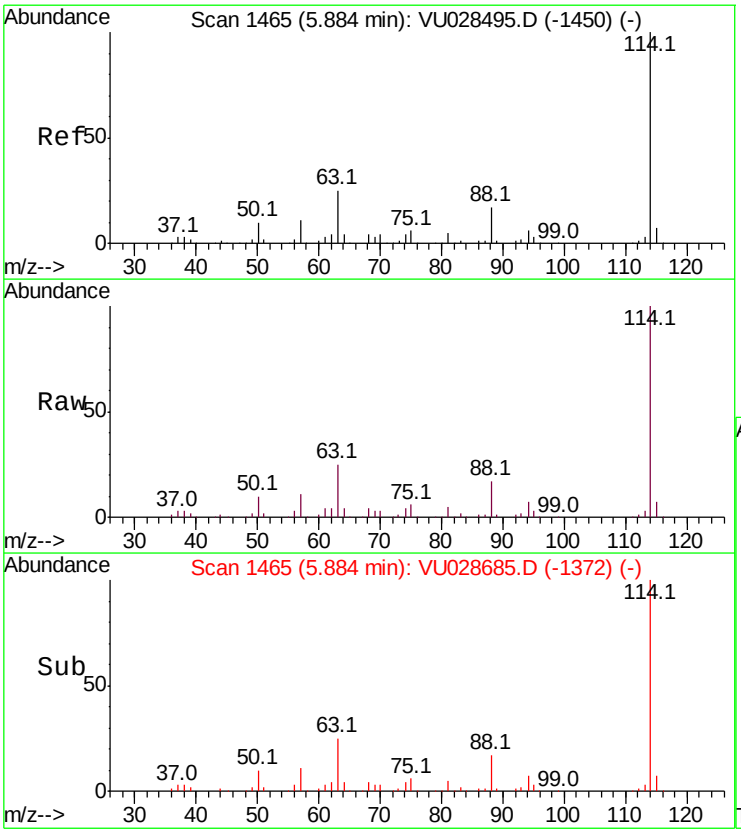

#33
1,2-Dichloroethane-d4
Concen: 53.380 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion: 65 Resp: 59893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 55.2 | 0.0 | 110.6 |

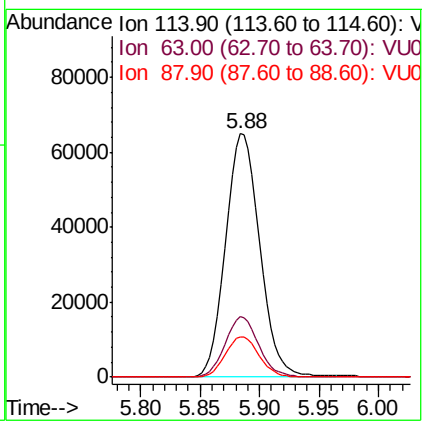


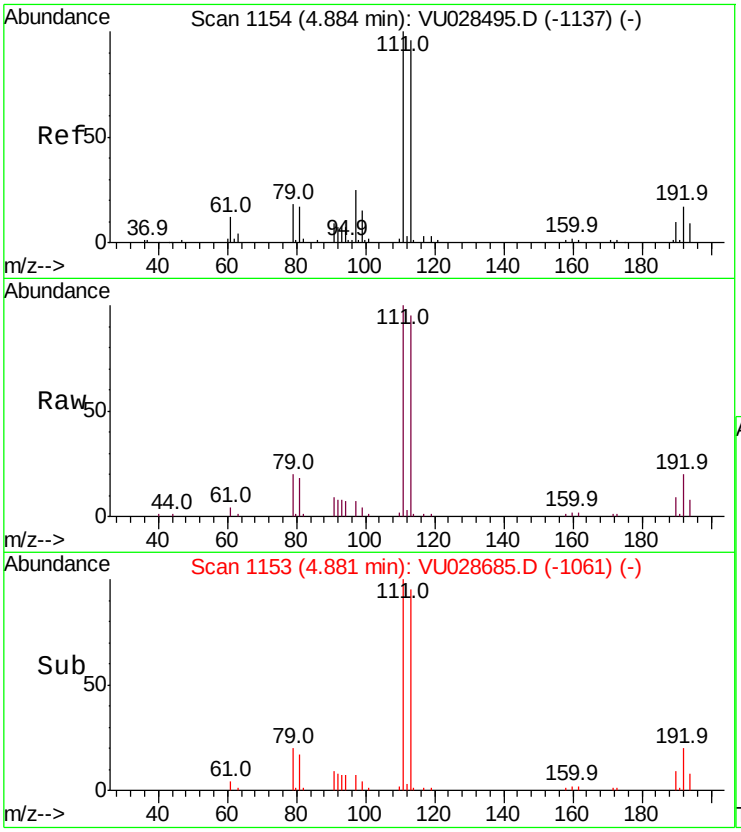




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1465
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion:114 Resp: 129763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 24.8 | 0.0 | 49.2 |
| 88 | 16.7 | 0.0 | 33.4 |



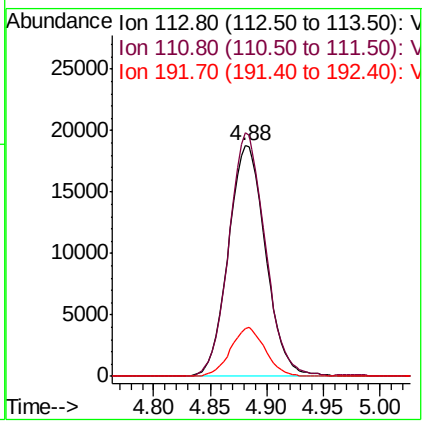


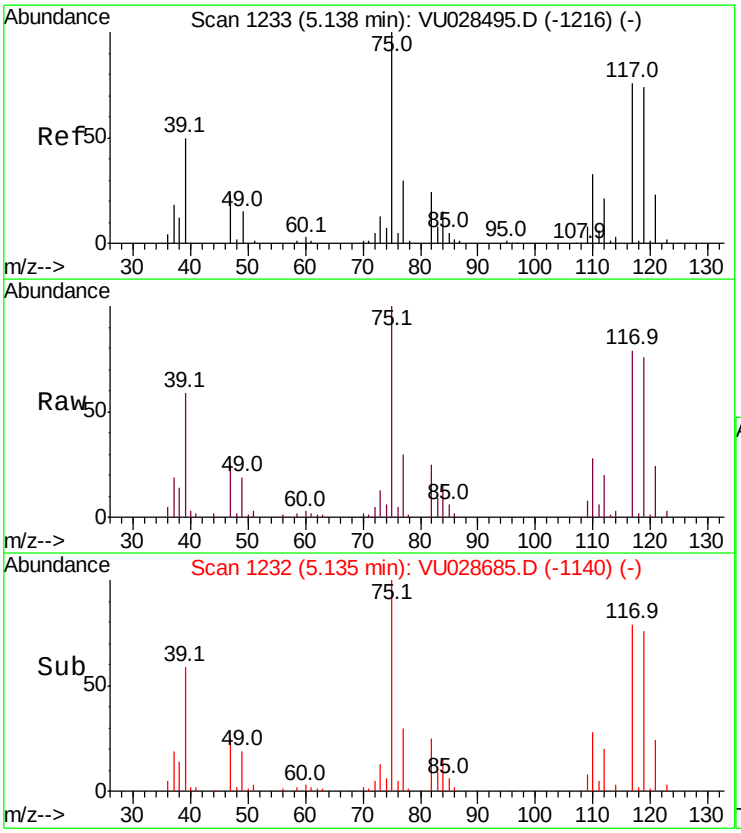

#35
Dibromofluoromethane
Concen: 52.801 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion:113 Resp: 43118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.9 | 83.4 | 125.0 |
| 192 | 19.6 | 14.8 | 22.2 |

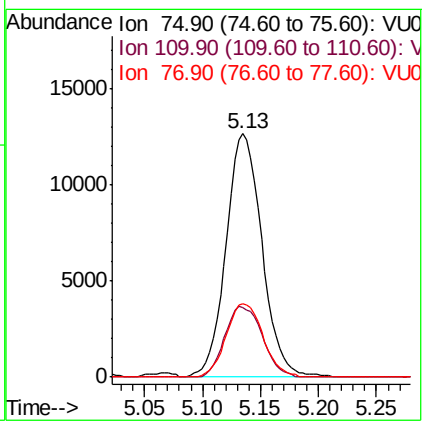


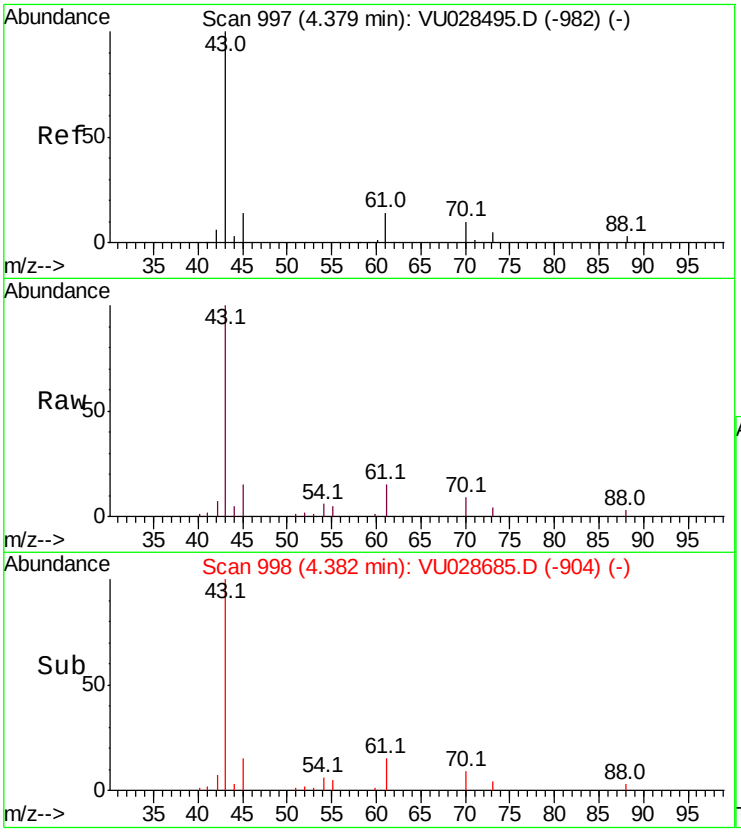




#36
1,1-Dichloropropene
Concen: 19.207 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion: 75 Resp: 27273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 30.2 | 16.1 | 48.2 |
| 77 | 31.0 | 24.5 | 36.7 |



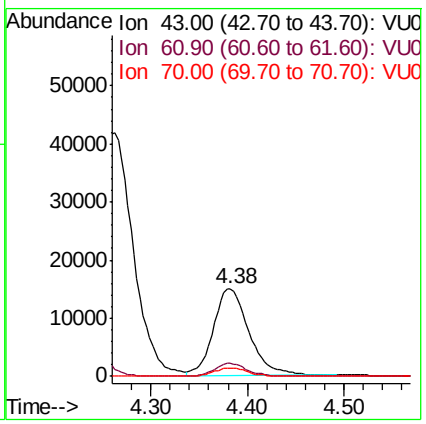


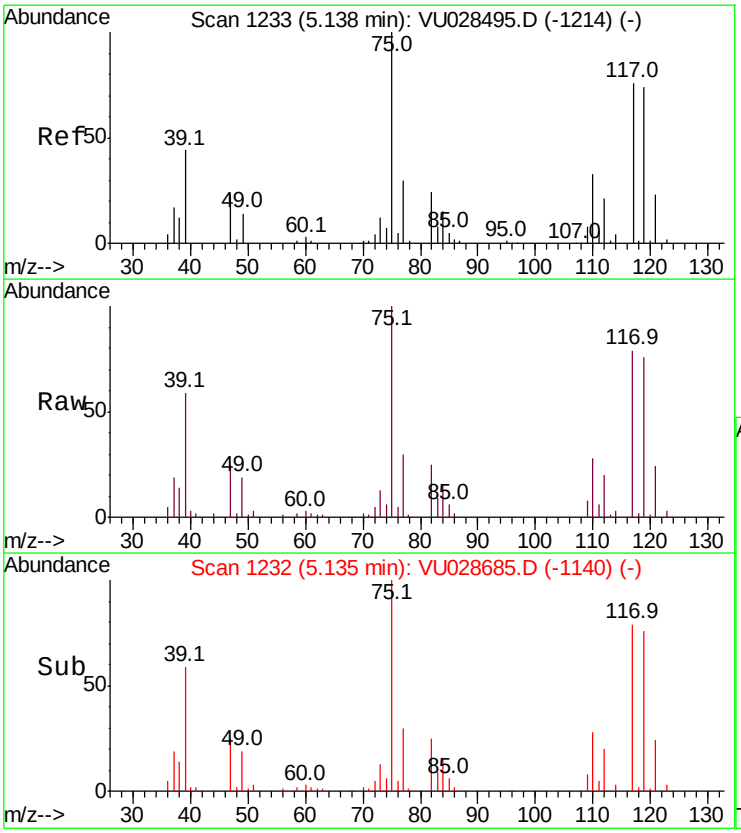

#37
Ethyl Acetate
Concen: 20.822 ug/l
RT: 4.38 min Scan# 998
Delta R.T. 0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion: 43 Resp: 38221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 13.6 | 11.0 | 16.4 |
| 70 | 8.8 | 7.4 | 11.0 |

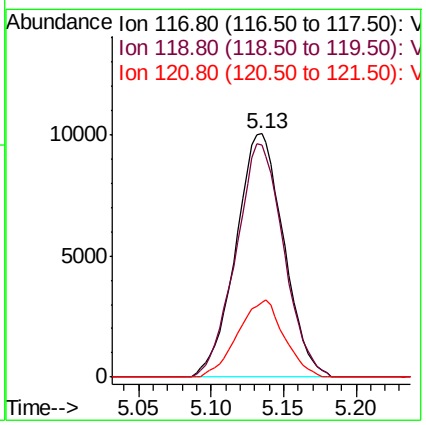


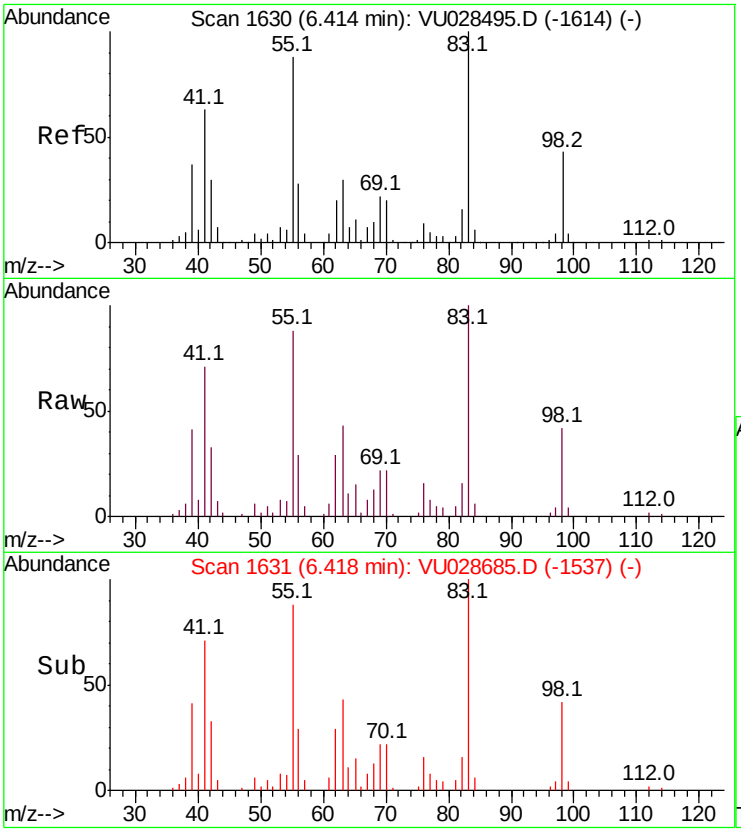




#38
Carbon Tetrachloride
Concen: 20.107 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion:117 Resp: 23012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.6 | 77.6 | 116.4 |
| 121 | 30.5 | 24.6 | 36.8 |



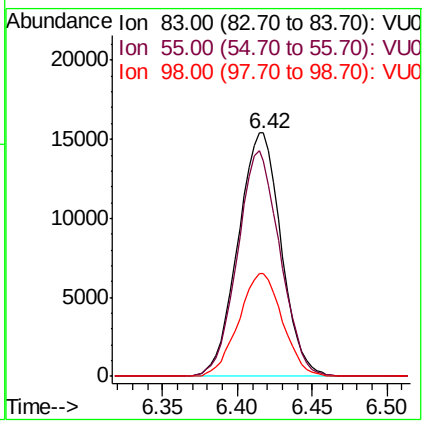


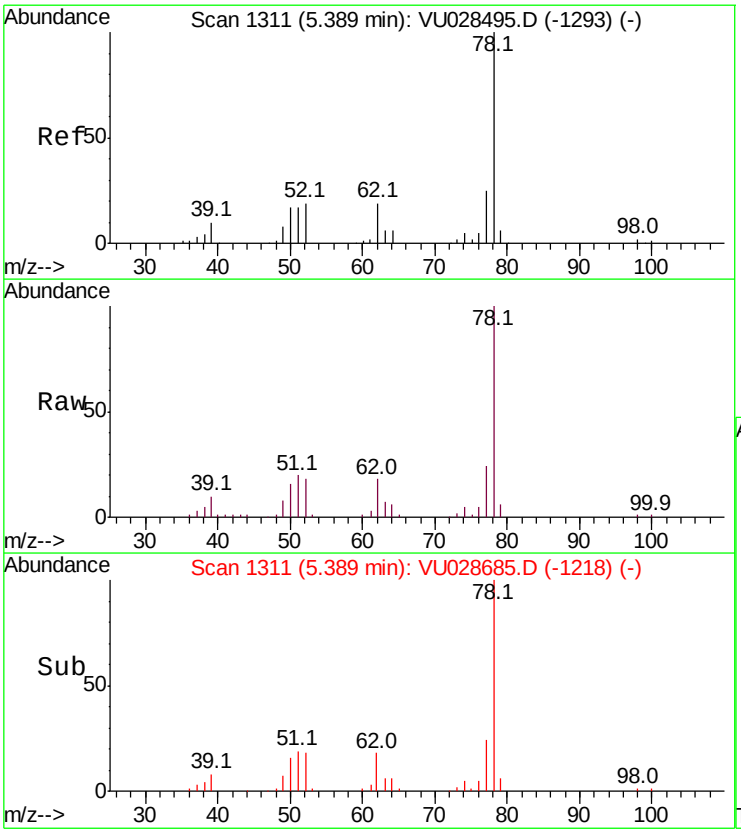

#39
Methylcyclohexane
Concen: 17.804 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion: 83 Resp: 30842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 88.3 | 70.2 | 105.2 |
| 98 | 42.1 | 34.2 | 51.4 |

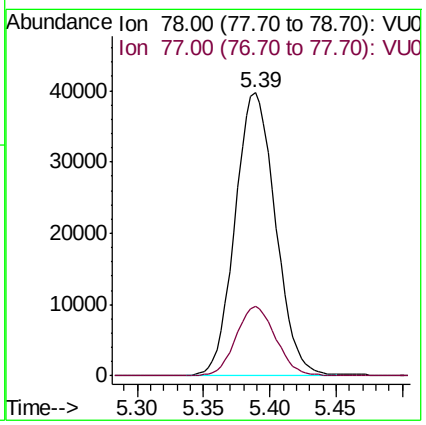


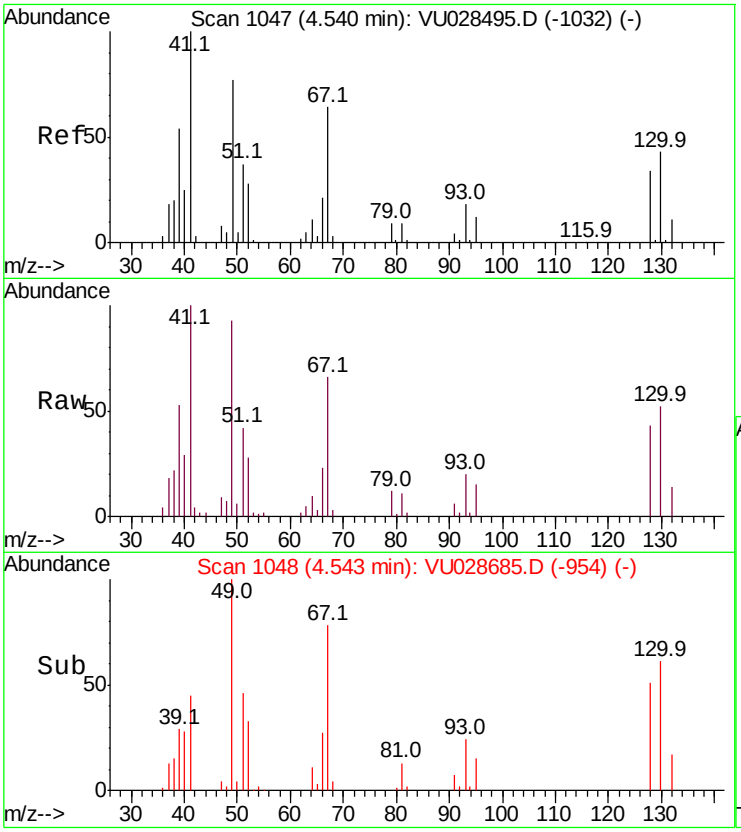




#40
Benzene
Concen: 20.154 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion: 78 Resp: 84288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.5 | 19.9 | 29.9 |



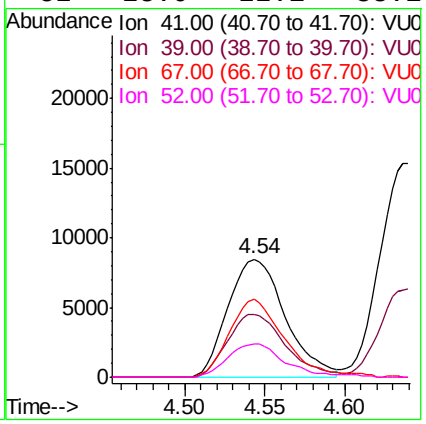


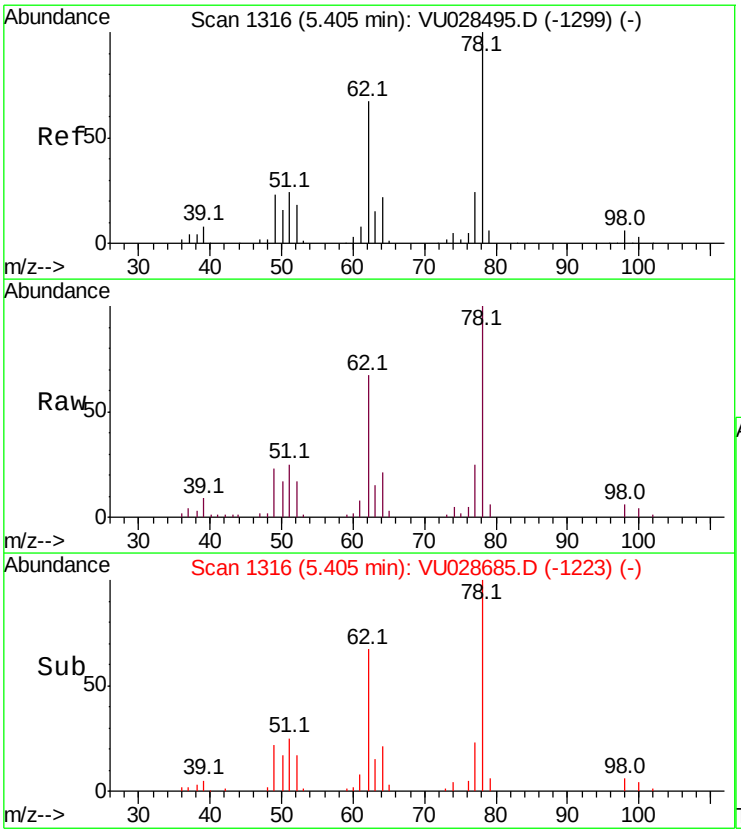

#41
Methacrylonitrile
Concen: 20.711 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. 0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion: 41 Resp: 20820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 53.8 | 43.3 | 64.9 |
| 67 | 63.3 | 53.6 | 80.4 |
| 52 | 28.0 | 22.1 | 33.1 |

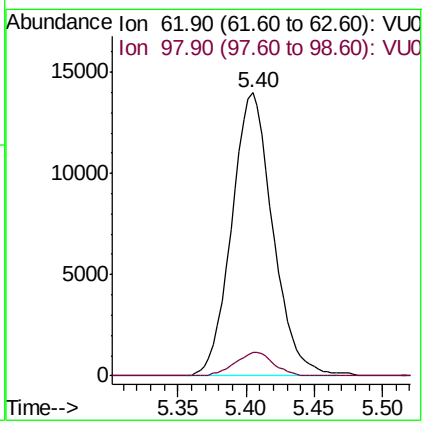


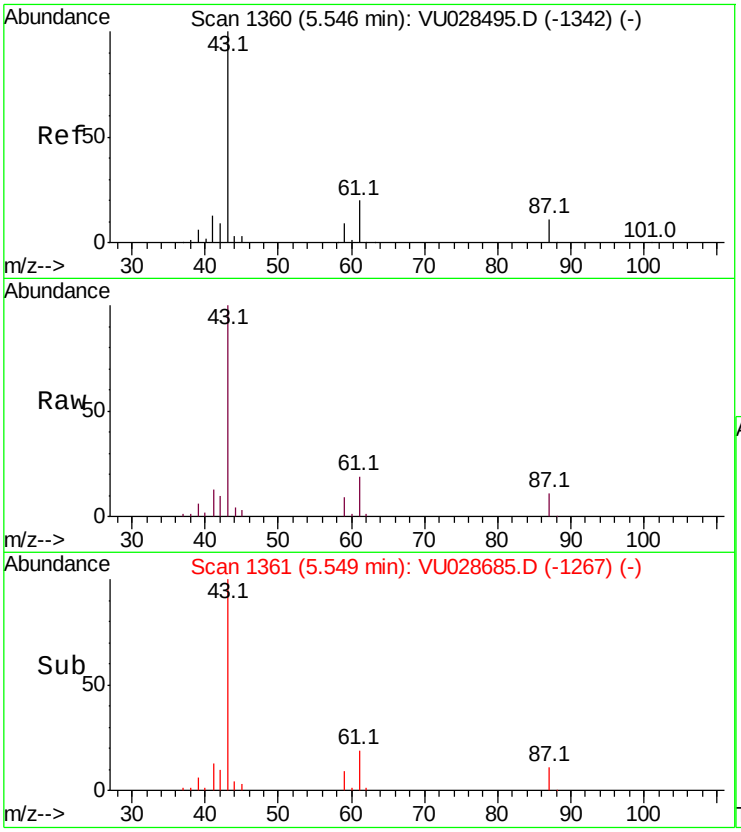




#42
1,2-Dichloroethane
Concen: 19.976 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion: 62 Resp: 29243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 7.8 | 0.0 | 17.2 |



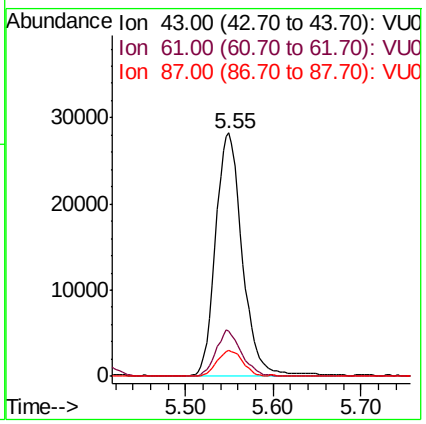


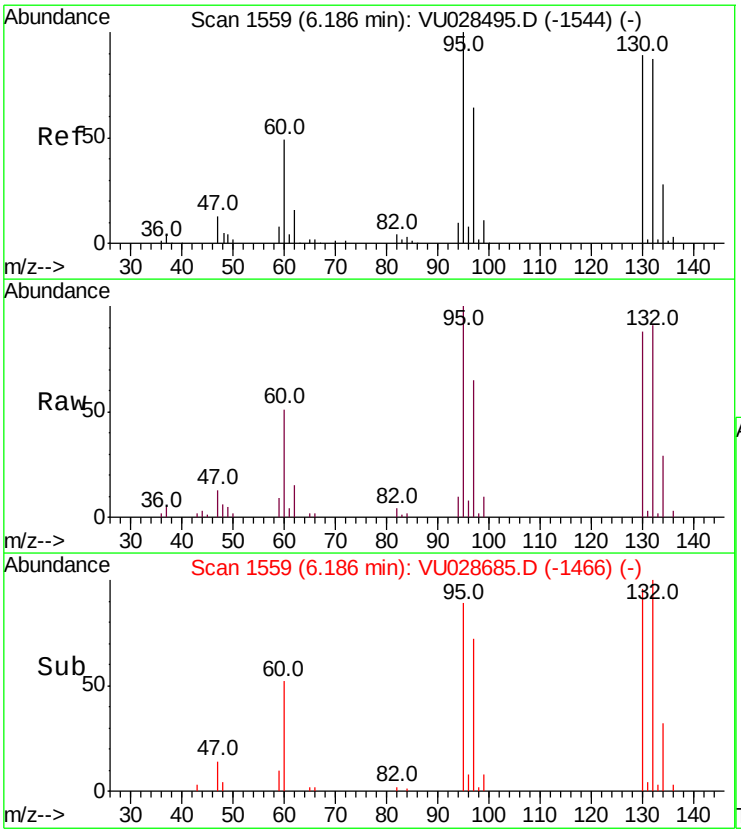

#43
Isopropyl Acetate
Concen: 20.767 ug/l
RT: 5.55 min Scan# 1361
Delta R.T. 0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion: 43 Resp: 60295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 17.9 | 15.5 | 23.3 |
| 87 | 10.2 | 8.7 | 13.1 |

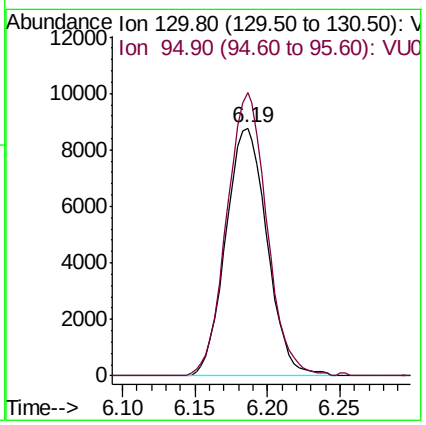


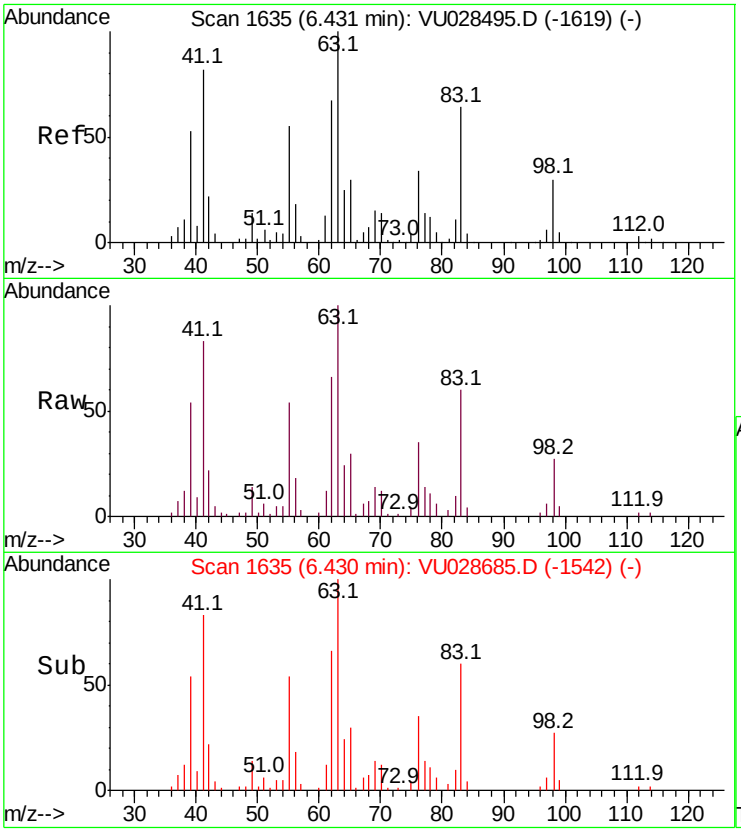




#44
Trichloroethene
Concen: 18.659 ug/l
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion:130 Resp: 17351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 114.2 | 0.0 | 224.0 |



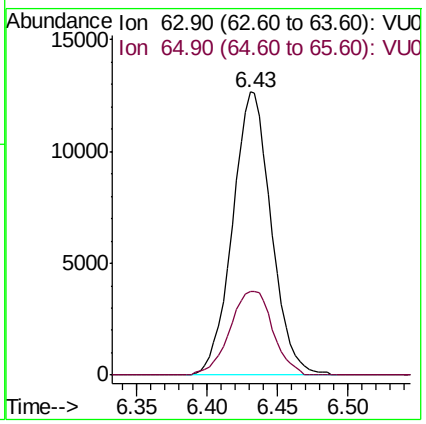


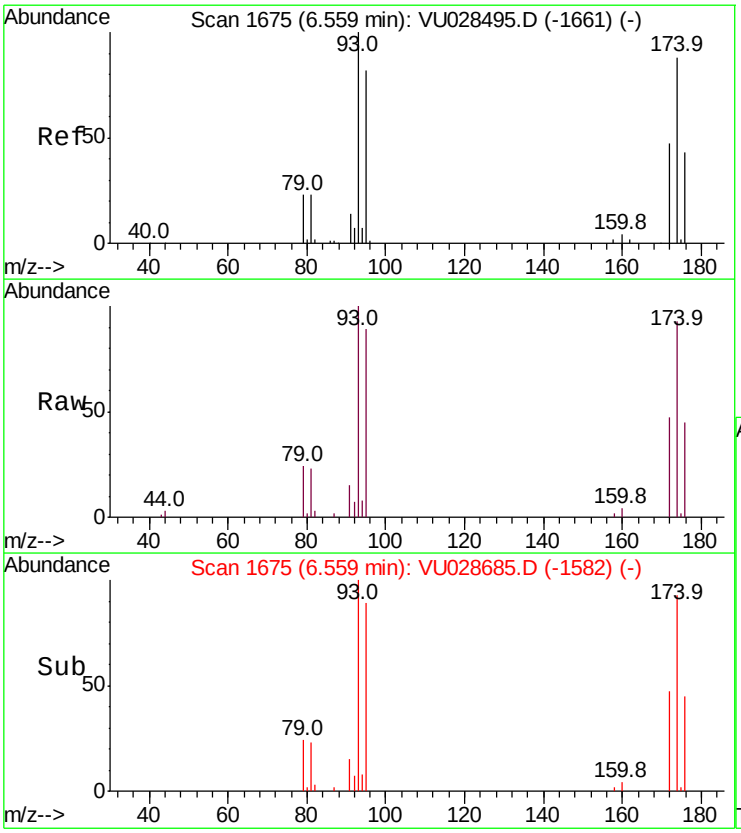

#45
1,2-Dichloropropane
Concen: 20.656 ug/l
RT: 6.43 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion: 63 Resp: 24293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 29.7 | 24.2 | 36.4 |

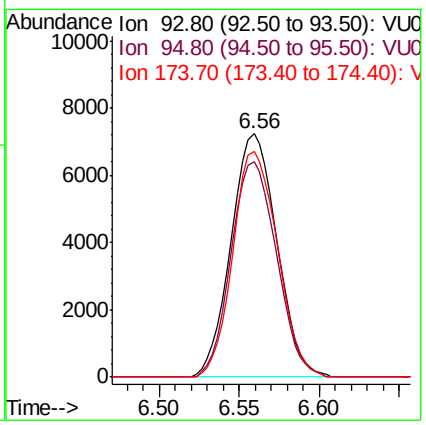


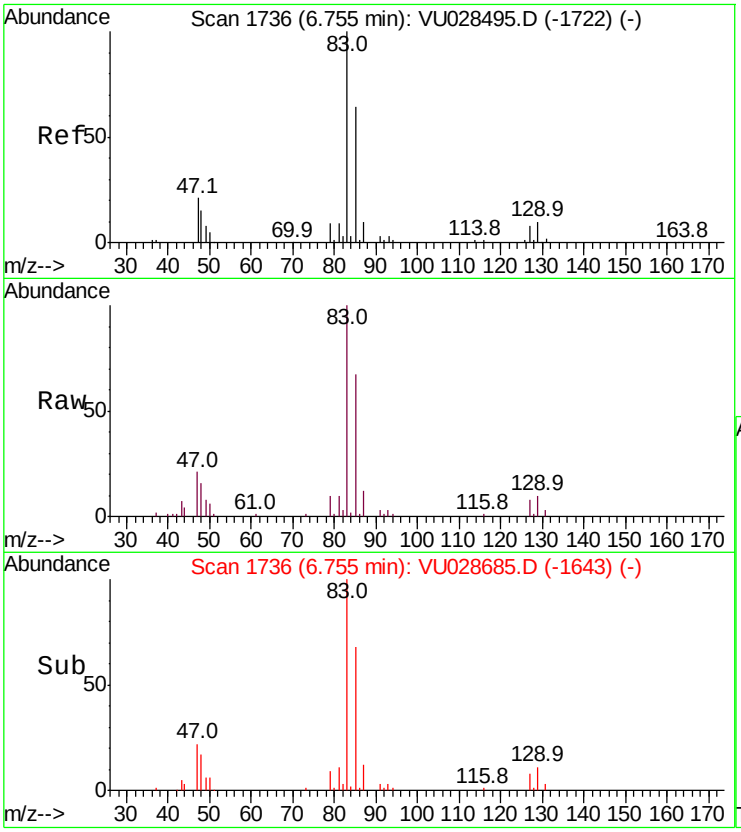




#46
Dibromomethane
Concen: 20.281 ug/l
RT: 6.56 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion: 93 Resp: 14152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 87.8 | 65.4 | 98.2 |
| 174 | 90.2 | 72.2 | 108.4 |



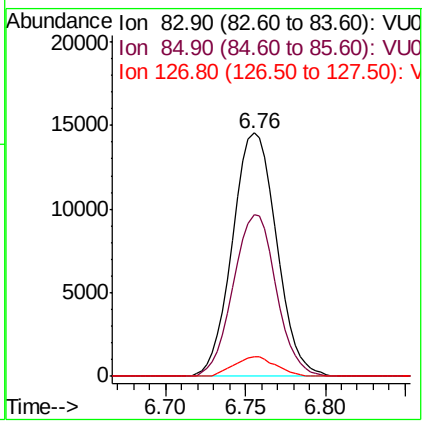


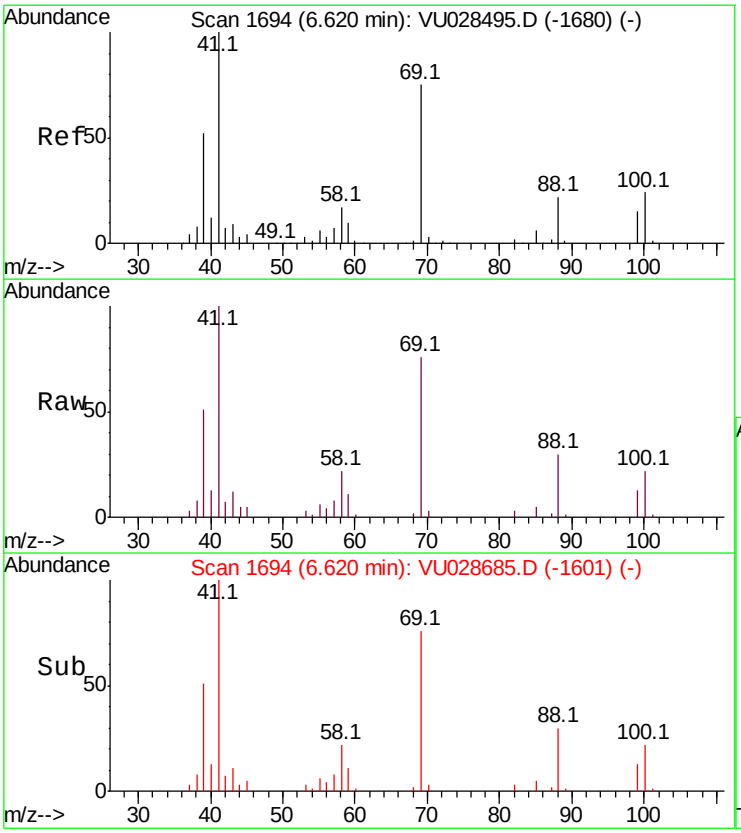

#47
Bromodichloromethane
Concen: 20.180 ug/l
RT: 6.76 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion: 83 Resp: 27401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 66.5 | 51.5 | 77.3 |
| 127 | 8.3 | 6.2 | 9.4 |

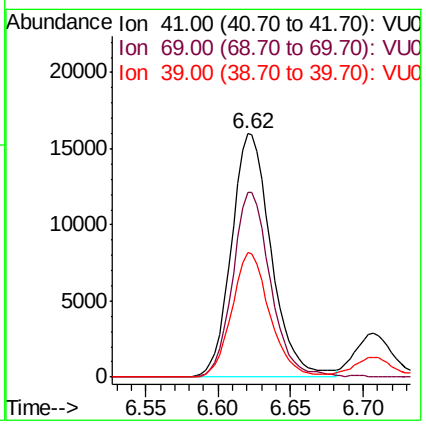


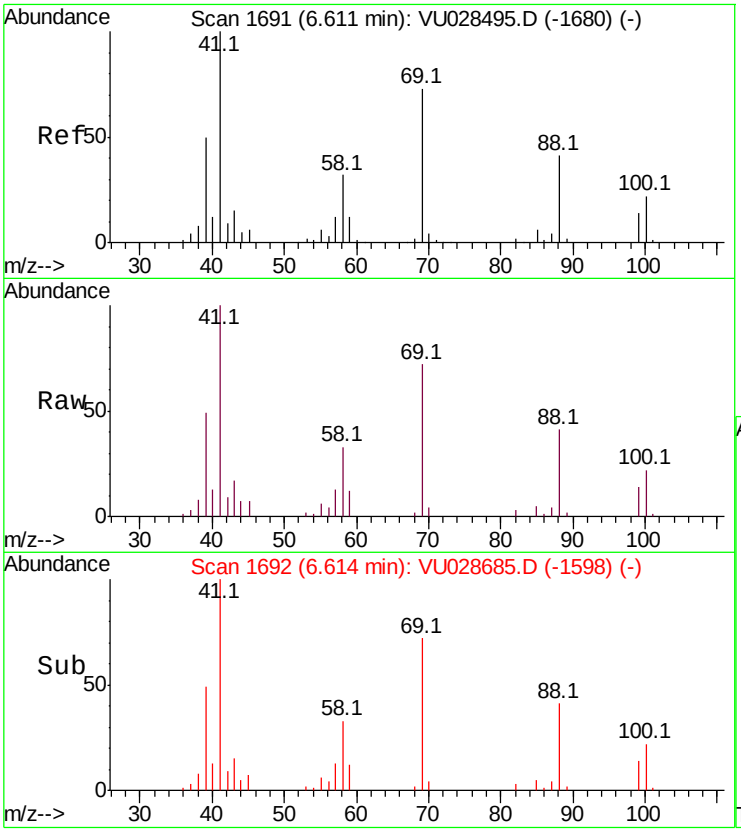




#48
Methyl methacrylate
Concen: 21.097 ug/l
RT: 6.62 min Scan# 1694
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion: 41 Resp: 30461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 72.1 | 60.4 | 90.6 |
| 39 | 48.8 | 41.1 | 61.7 |



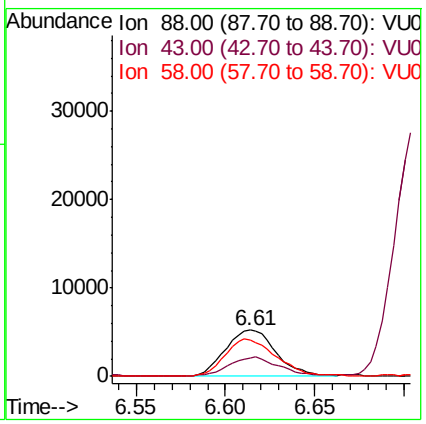


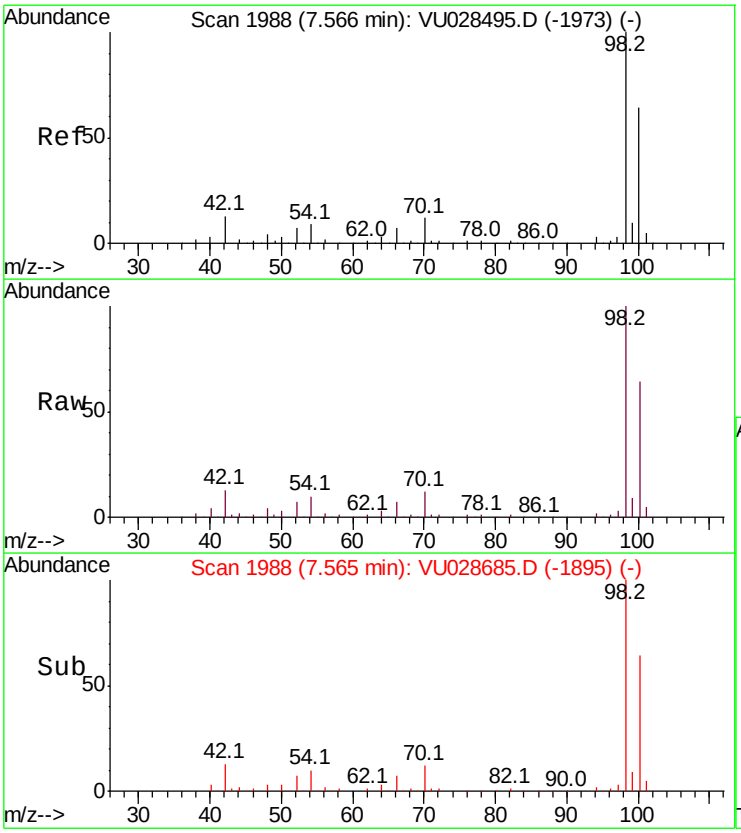

#49
1,4-Dioxane
Concen: 458.020 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion: 88 Resp: 10442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 42.2 | 30.9 | 46.3 |
| 58 | 81.2 | 62.4 | 93.6 |

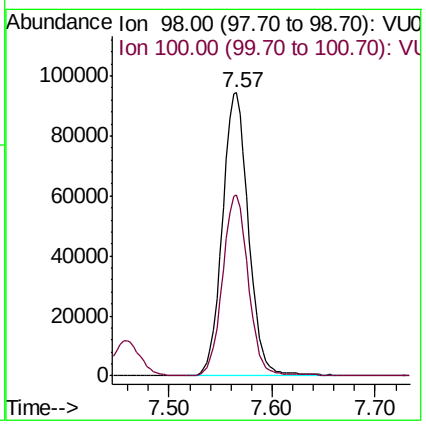


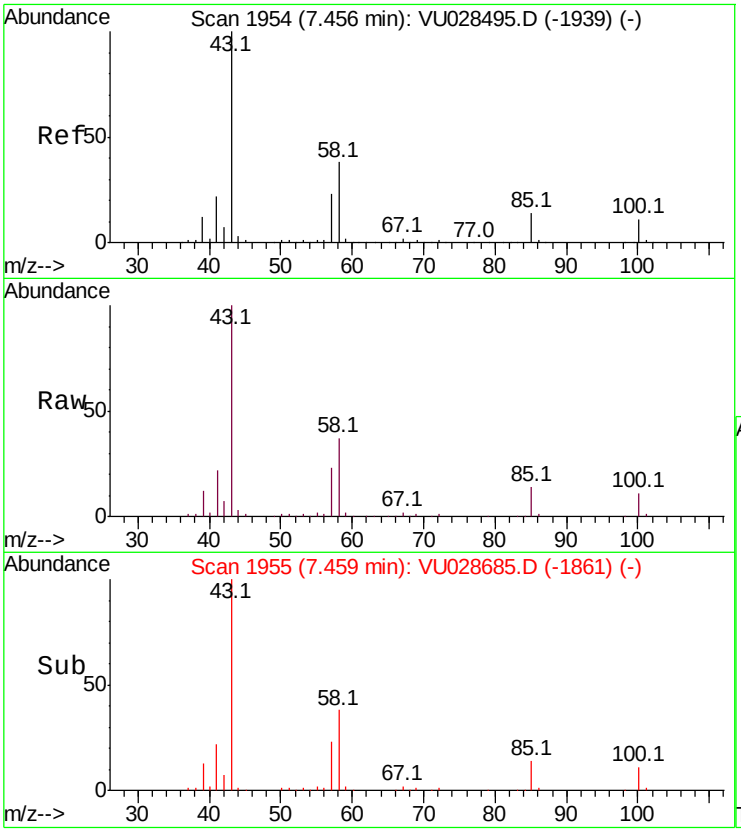




#50
Toluene-d8
Concen: 51.528 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion: 98 Resp: 166454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 62.4 | 51.0 | 76.6 |



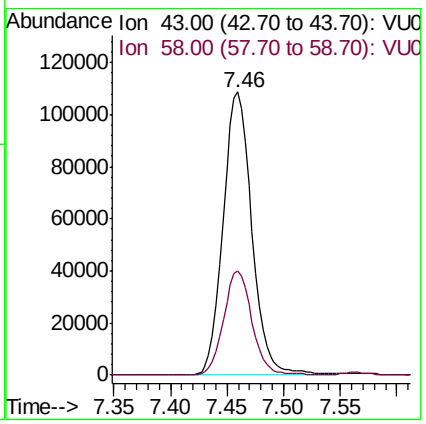


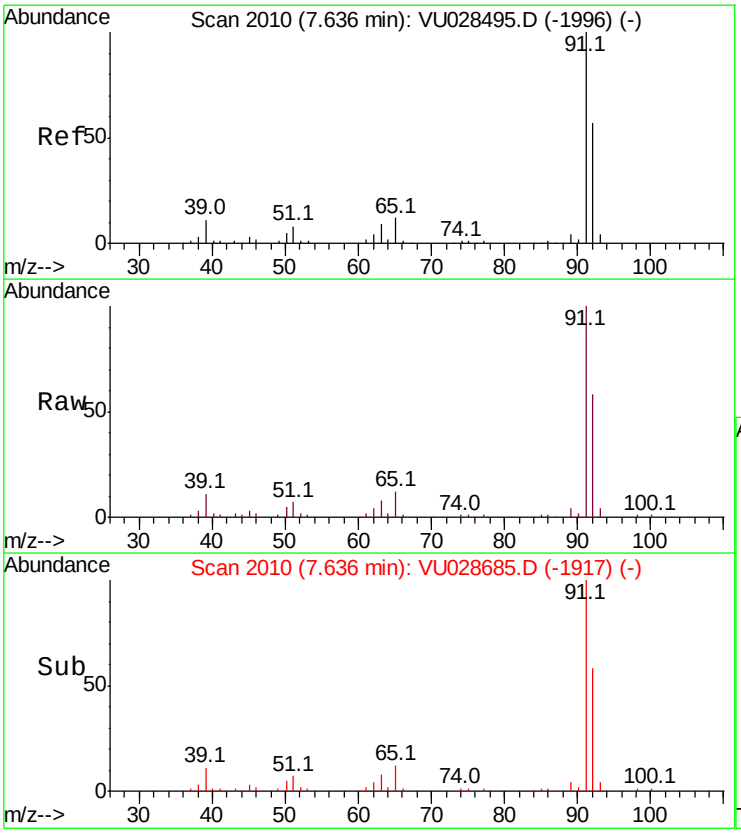

#51
4-Methyl-2-Pentanone
Concen: 105.355 ug/l
RT: 7.46 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion: 43 Resp: 192926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 36.3 | 30.2 | 45.2 |

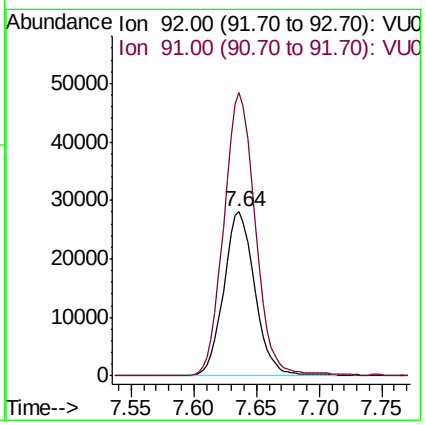


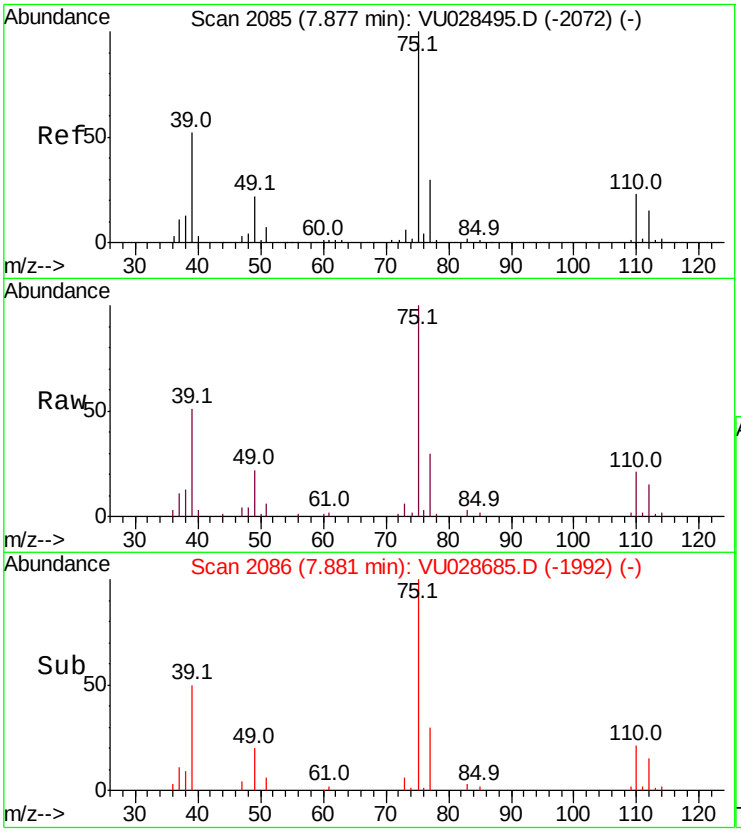




#52
Toluene
Concen: 19.700 ug/l
RT: 7.64 min Scan# 2010
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion: 92 Resp: 48487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 173.3 | 140.2 | 210.4 |



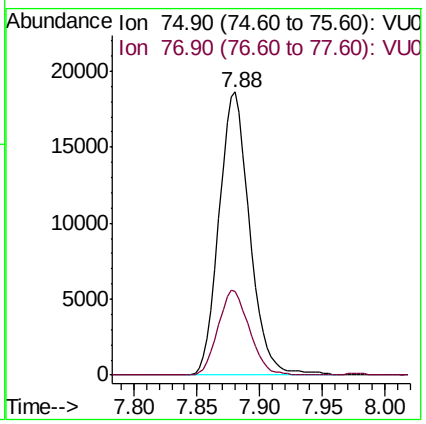


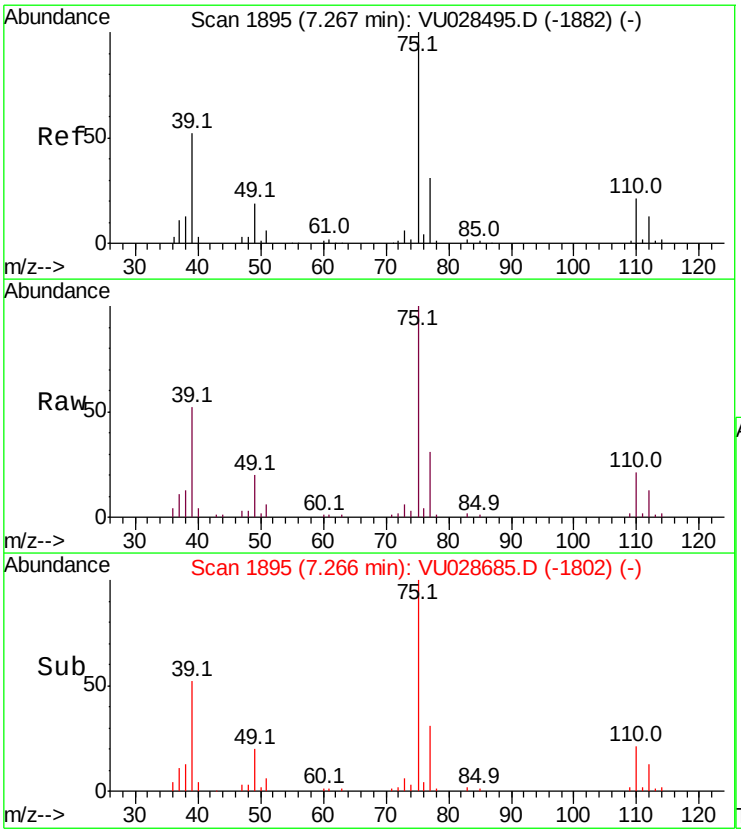

#53
t-1,3-Dichloropropene
Concen: 19.517 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion: 75 Resp: 31563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 29.8 | 24.2 | 36.4 |

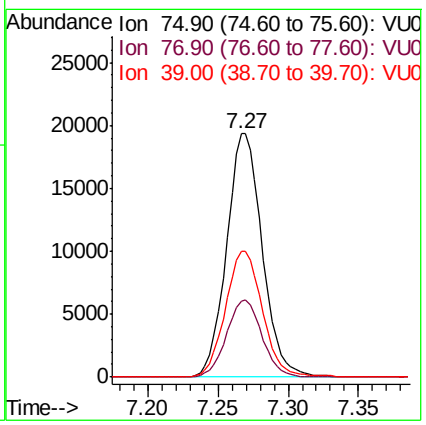


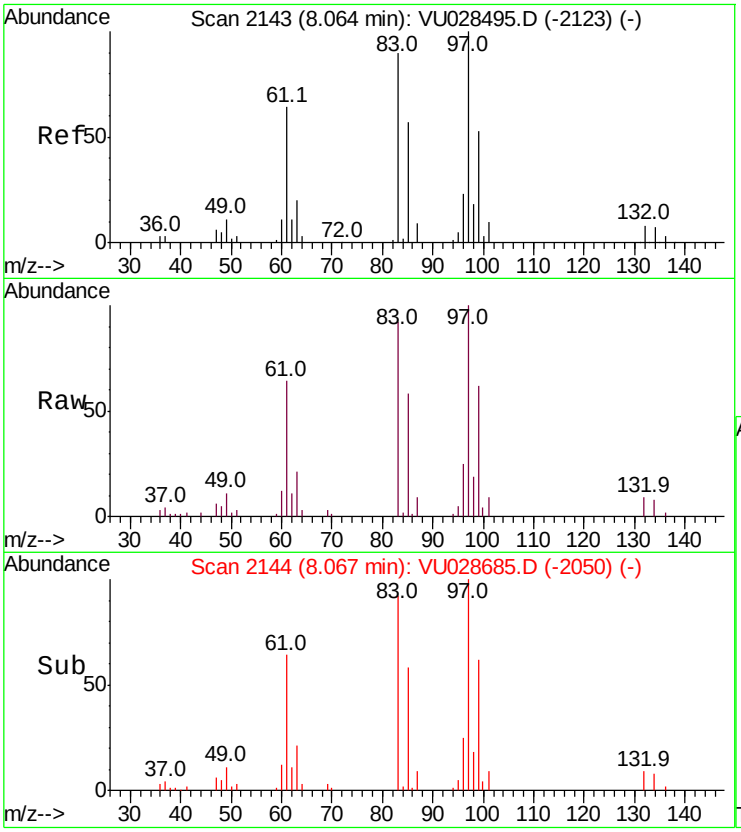




#54
cis-1,3-Dichloropropene
Concen: 19.457 ug/l
RT: 7.27 min Scan# 1895
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion: 75 Resp: 34138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.2 | 25.0 | 37.4 |
| 39 | 51.8 | 41.3 | 61.9 |



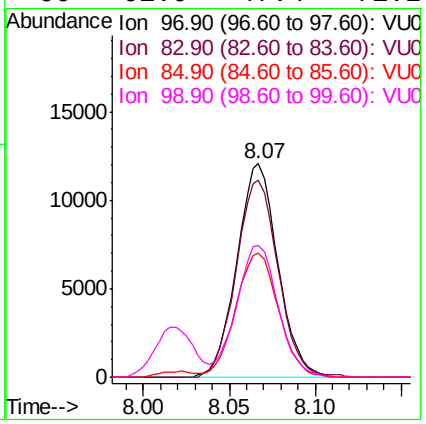


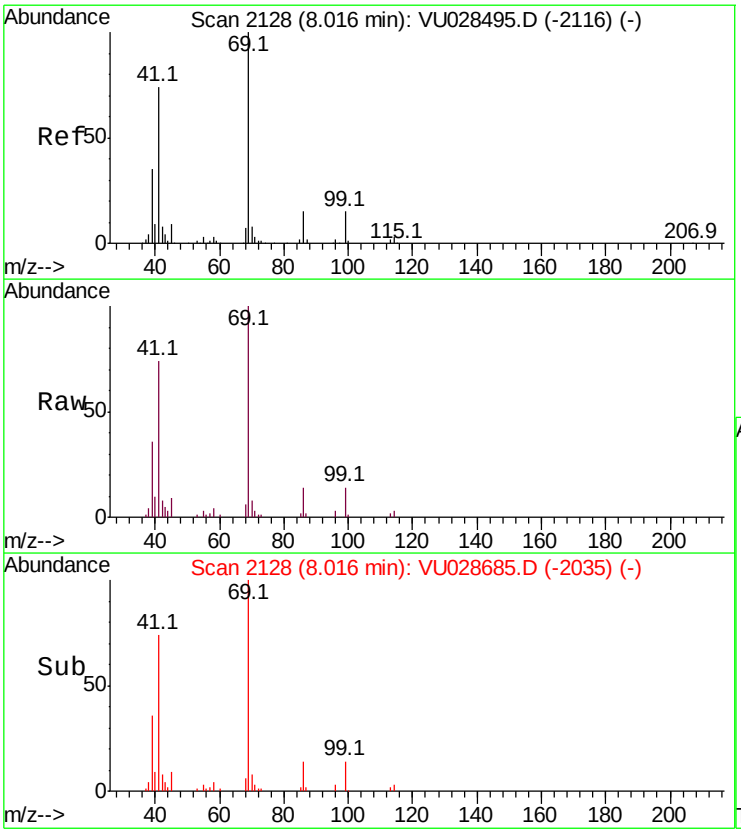

#55
1,1,2-Trichloroethane
Concen: 20.507 ug/l
RT: 8.07 min Scan# 2144
Delta R.T. 0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion: 97 Resp: 19952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 92.3 | 72.4 | 108.6 |
| 85 | 58.4 | 46.0 | 69.0 |
| 99 | 61.9 | 47.4 | 71.2 |

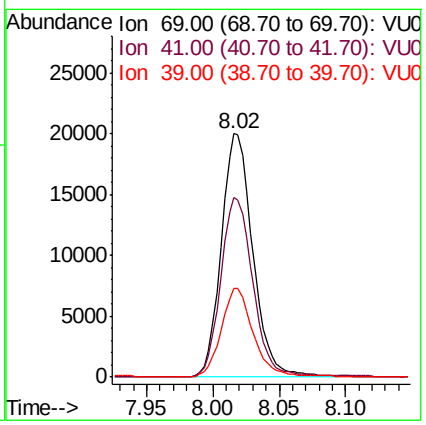


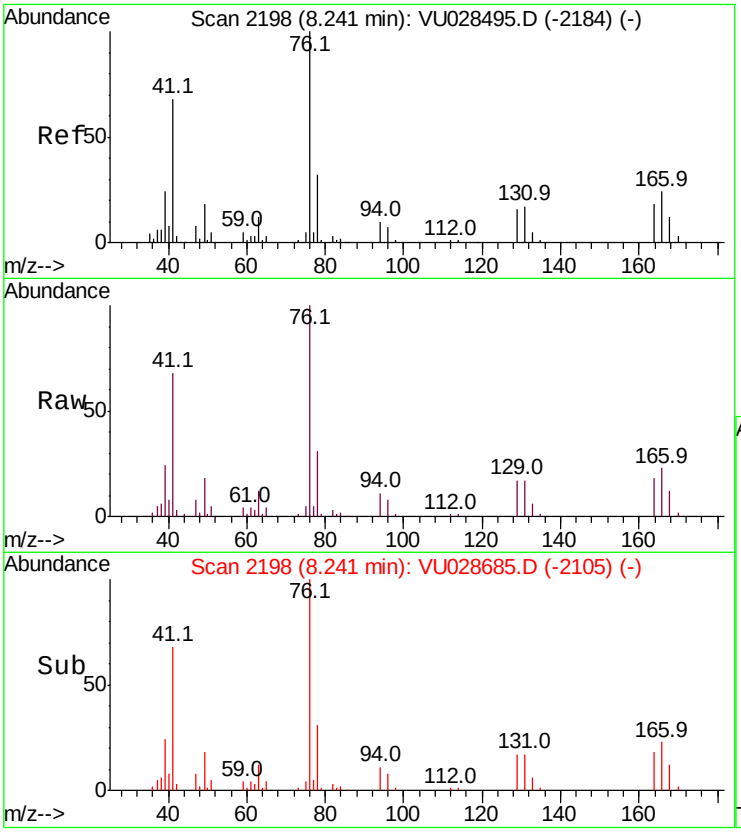




#56
Ethyl methacrylate
Concen: 19.818 ug/l
RT: 8.02 min Scan# 2128
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion: 69 Resp: 33019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 75.4 | 59.1 | 88.7 |
| 39 | 36.6 | 28.4 | 42.6 |



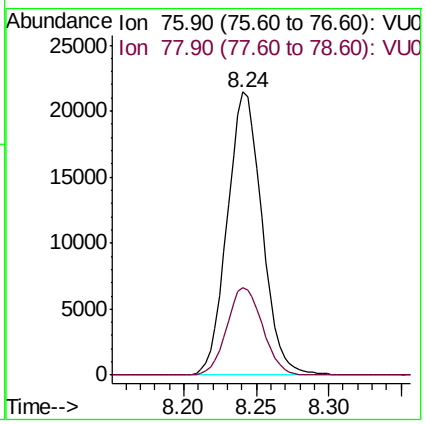


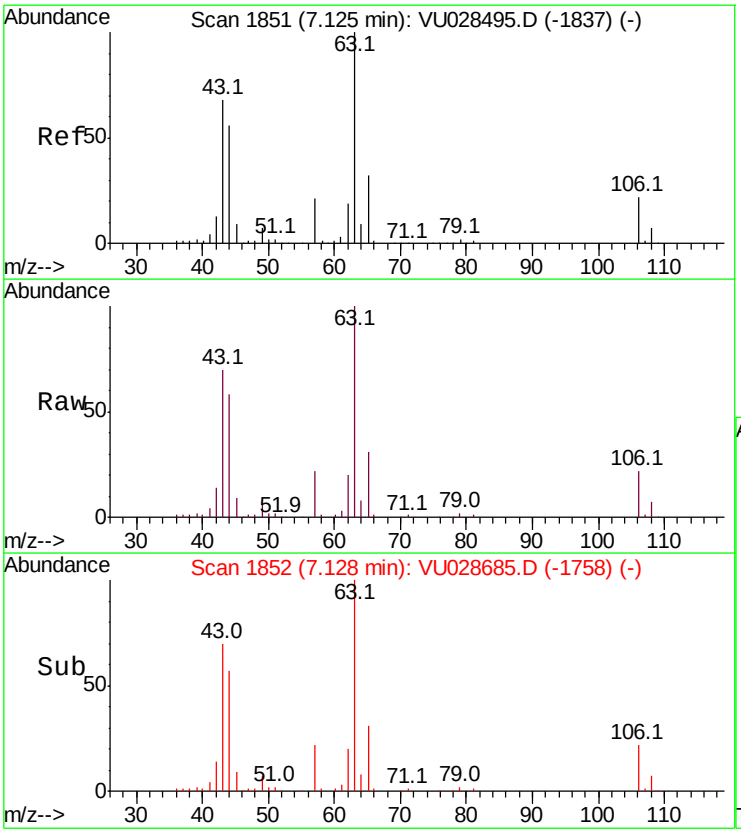

#57
1,3-Dichloropropane
Concen: 19.798 ug/l
RT: 8.24 min Scan# 2198
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion: 76 Resp: 35756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 31.6 | 25.2 | 37.8 |

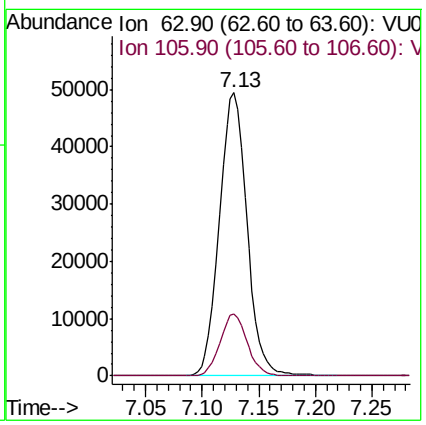


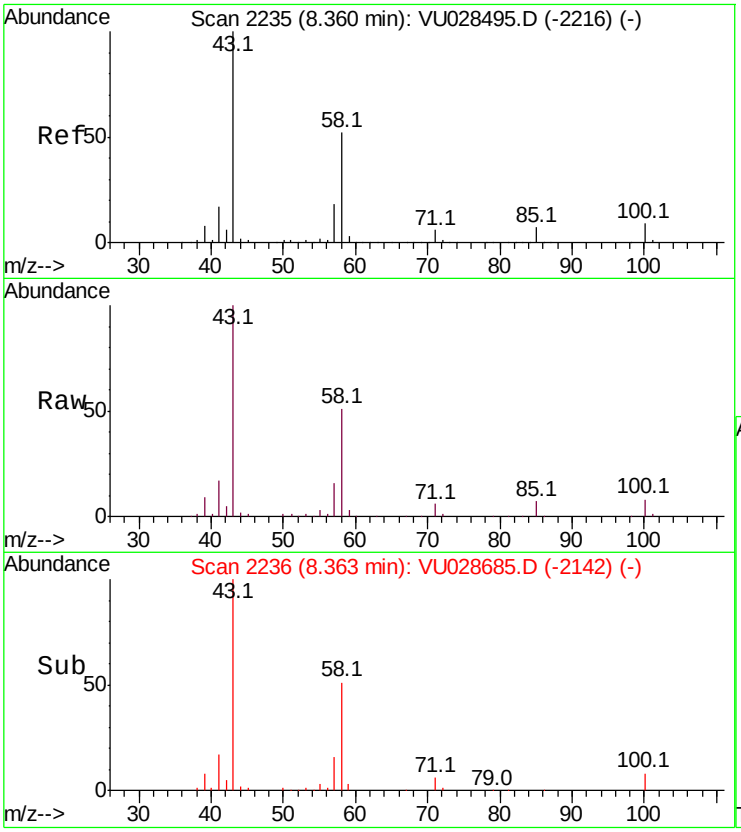




#58
2-Chloroethyl Vinyl ether
Concen: 98.584 ug/l
RT: 7.13 min Scan# 1852
Delta R.T. 0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion: 63 Resp: 84129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 21.5 | 17.8 | 26.6 |



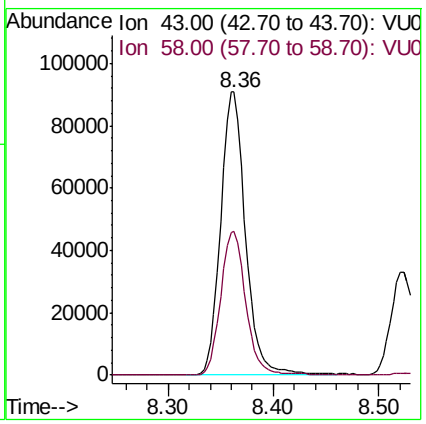


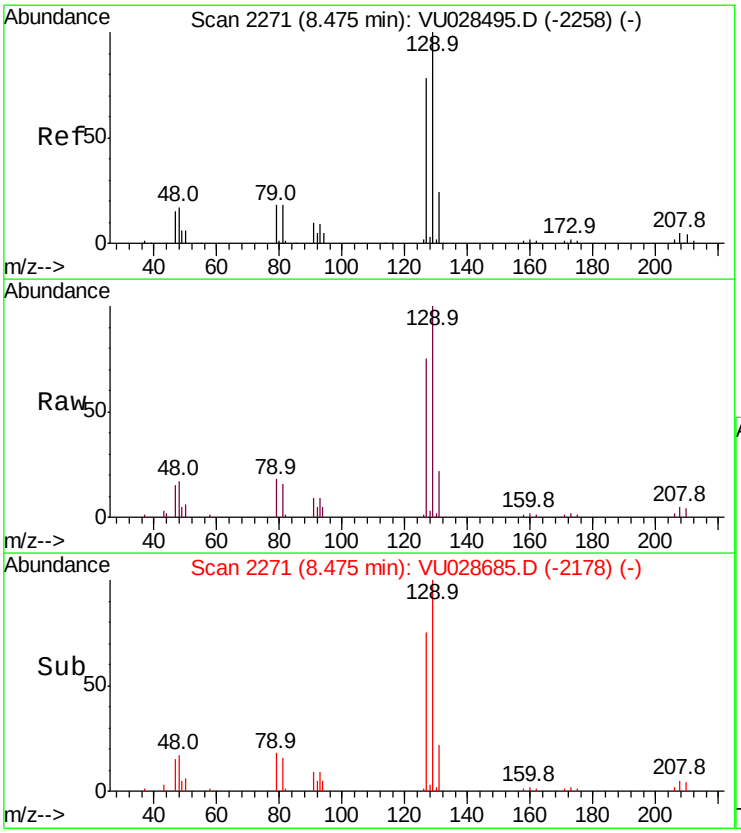

#59
2-Hexanone
Concen: 102.081 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion: 43 Resp: 148163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 51.3 | 25.9 | 77.6 |

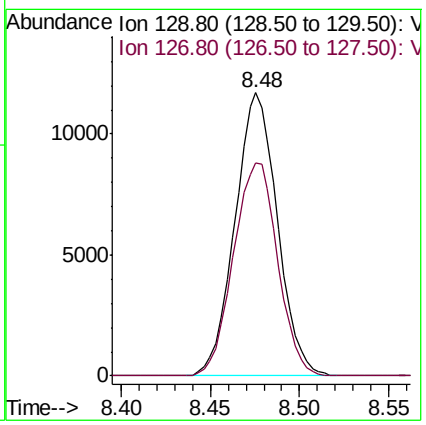


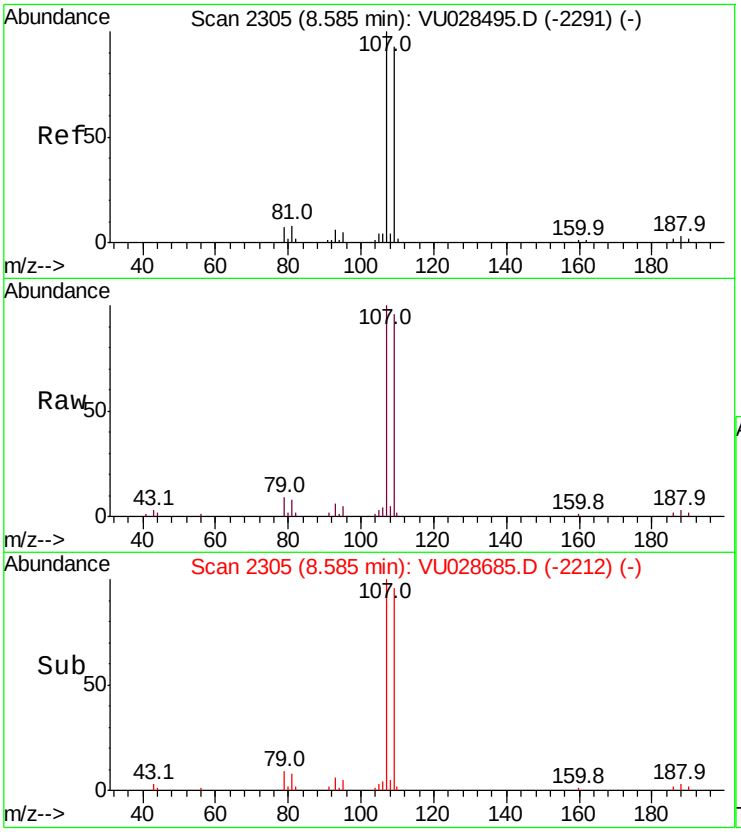




#60
Dibromochloromethane
Concen: 20.354 ug/l
RT: 8.48 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion:129 Resp: 19388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.1 | 39.1 | 117.3 |



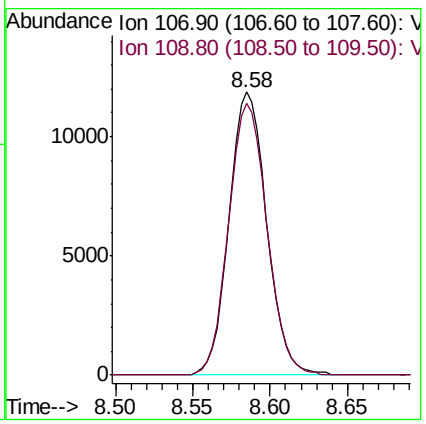


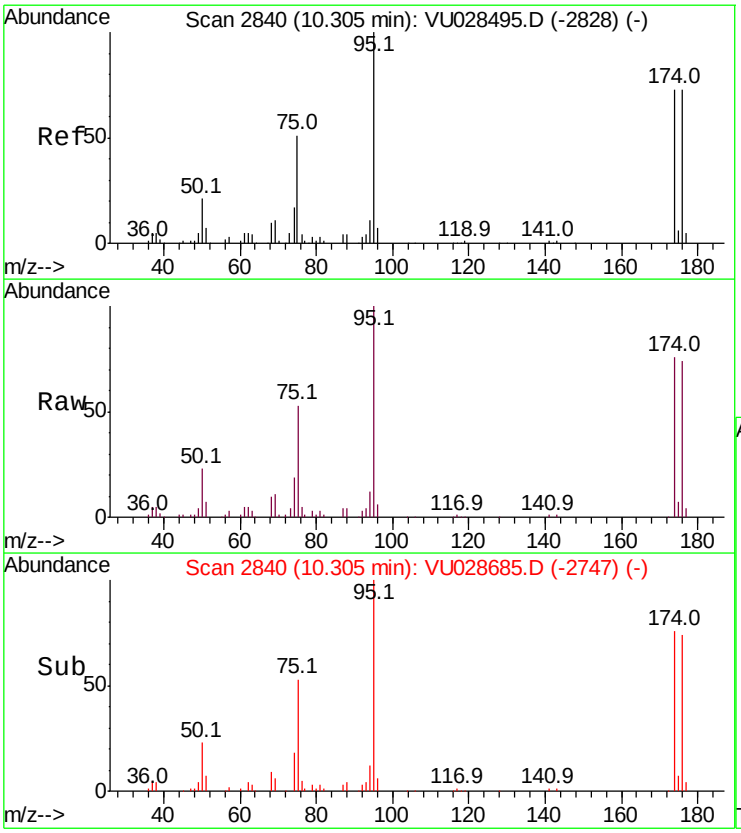

#61
1,2-Dibromoethane
Concen: 19.619 ug/l
RT: 8.58 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion:107 Resp: 20017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 97.9 | 74.5 | 111.7 |

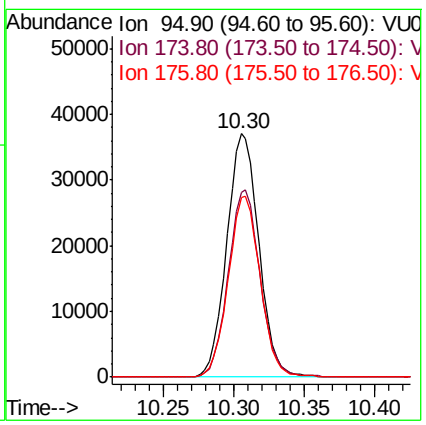


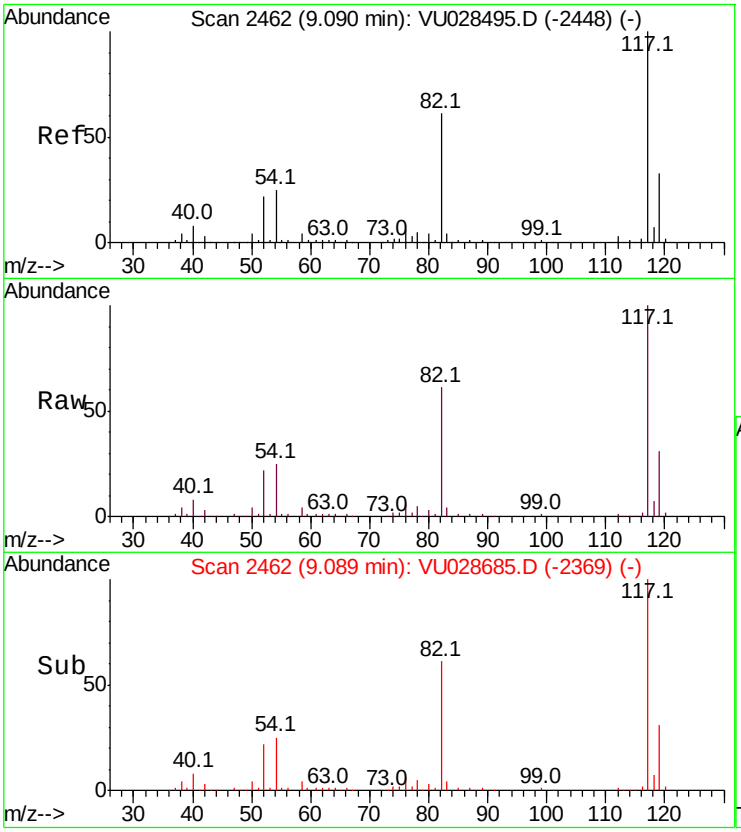




#62
4-Bromofluorobenzene
Concen: 48.892 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion: 95 Resp: 59032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 76.4 | 0.0 | 150.4 |
| 176 | 73.9 | 0.0 | 145.2 |



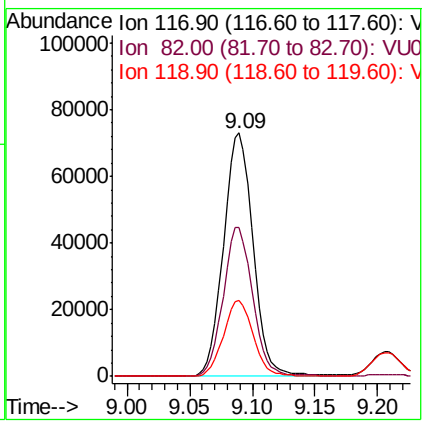


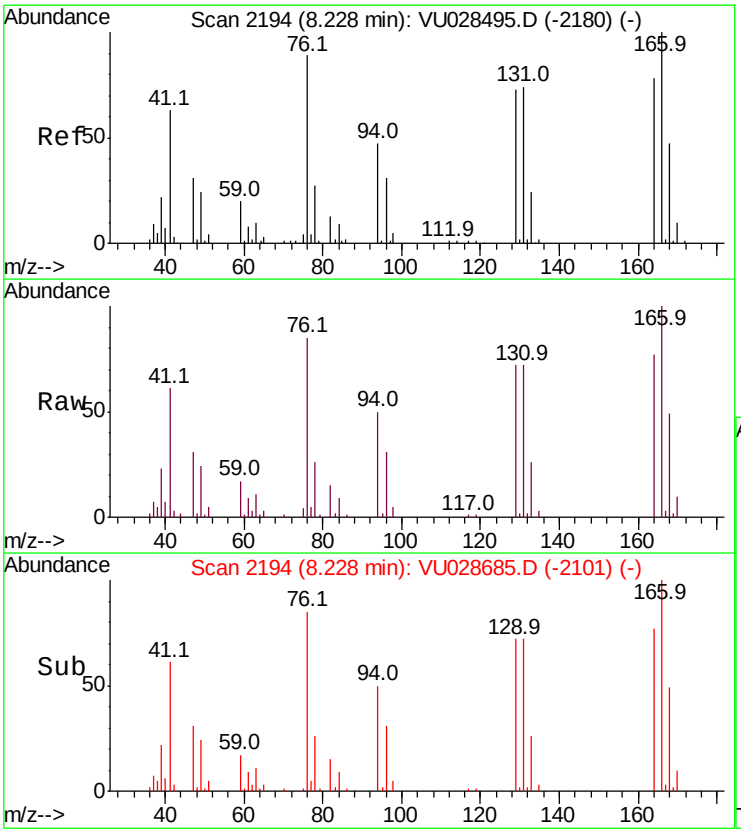

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion:117 Resp: 119609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 61.1 | 48.9 | 73.3 |
| 119 | 31.4 | 26.2 | 39.4 |

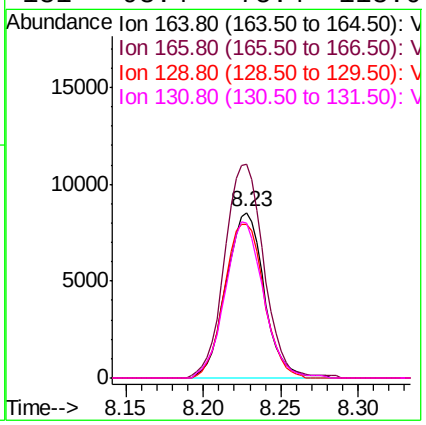


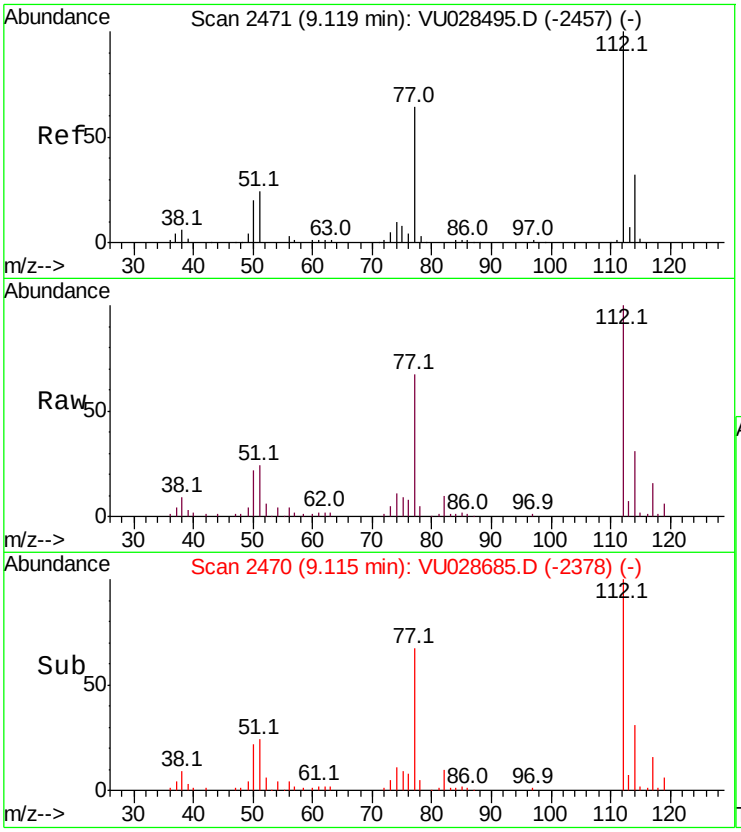




#64
Tetrachloroethene
Concen: 18.331 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion:164 Resp: 14625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 129.2 | 101.9 | 152.9 |
| 129 | 93.2 | 74.9 | 112.3 |
| 131 | 93.4 | 75.4 | 113.0 |



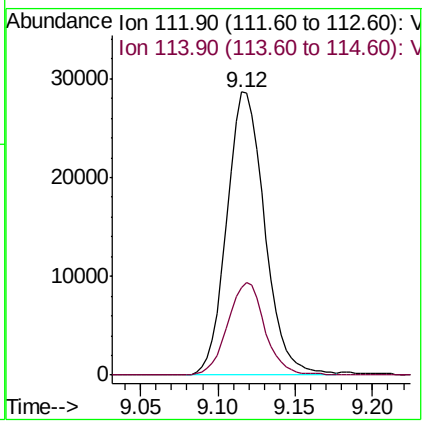


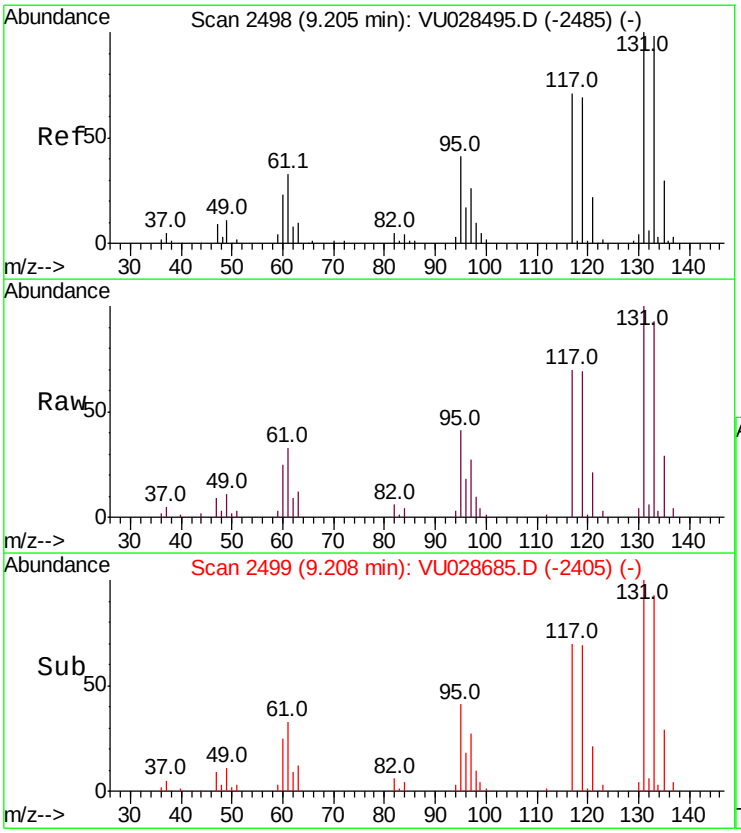

#65
Chlorobenzene
Concen: 19.099 ug/l
RT: 9.12 min Scan# 2470
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion:112 Resp: 48678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.1 | 25.3 | 37.9 |

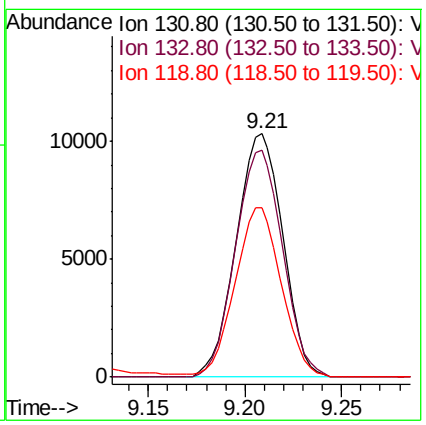


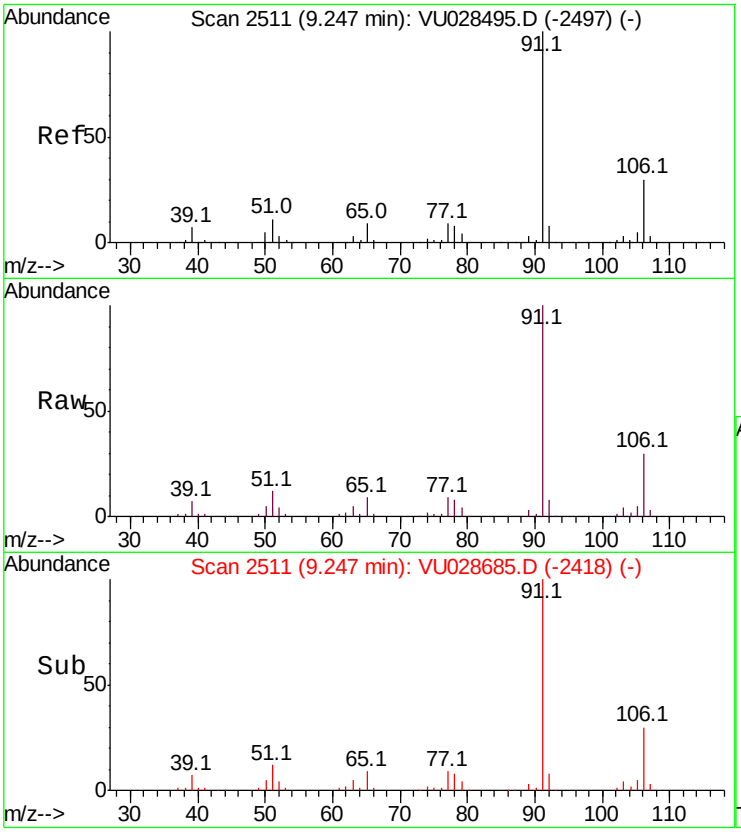




#66
1,1,1,2-Tetrachloroethane
Concen: 21.307 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion:131 Resp: 17342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 94.1 | 48.0 | 144.0 |
| 119 | 69.2 | 34.6 | 103.9 |



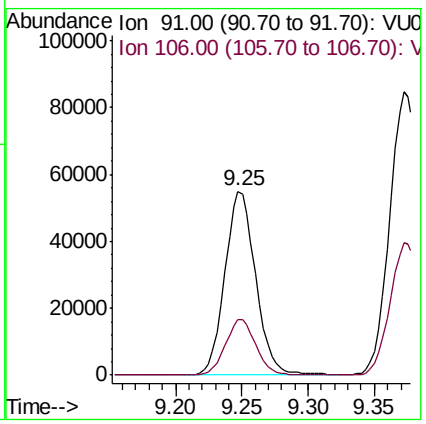


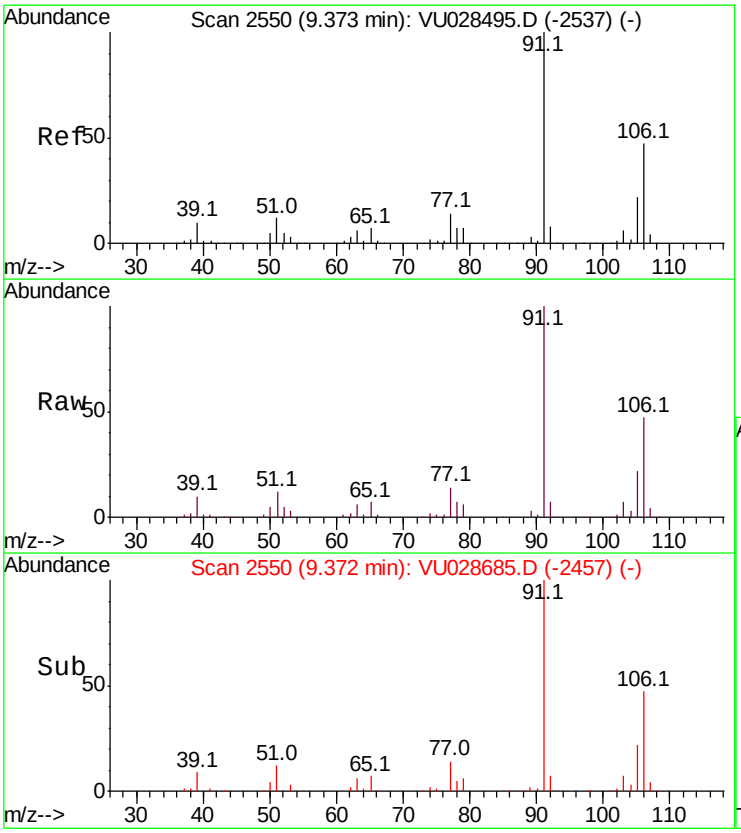

#67
Ethyl Benzene
Concen: 18.969 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion: 91 Resp: 88879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 29.9 | 24.1 | 36.1 |

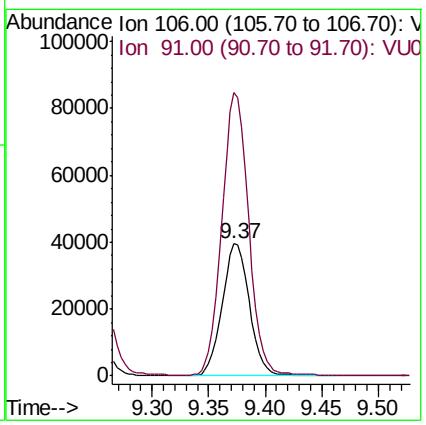


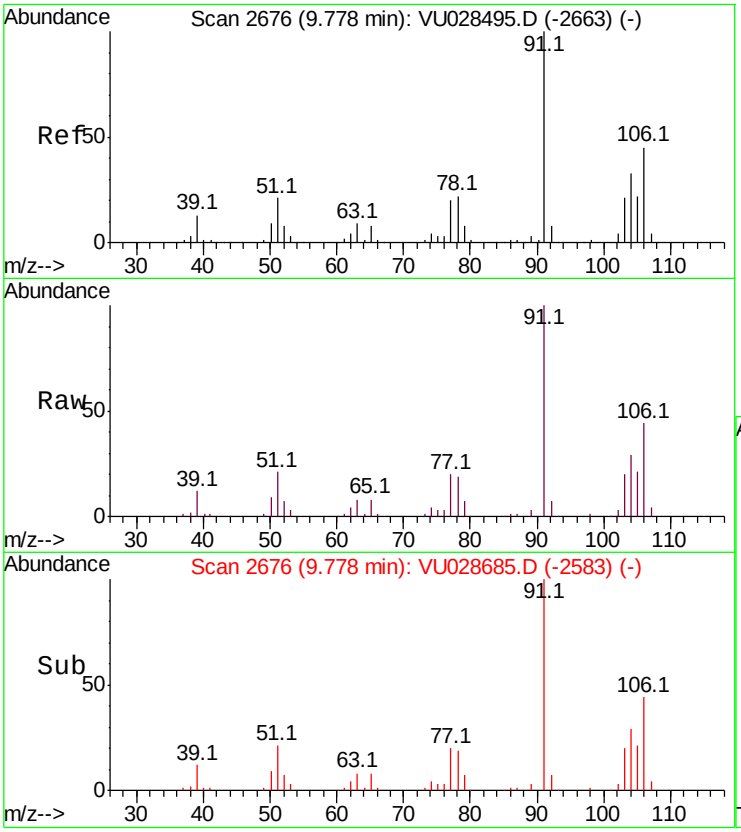




#68
m/p-Xylenes
Concen: 38.964 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion:106 Resp: 66430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 210.0 | 167.4 | 251.0 |



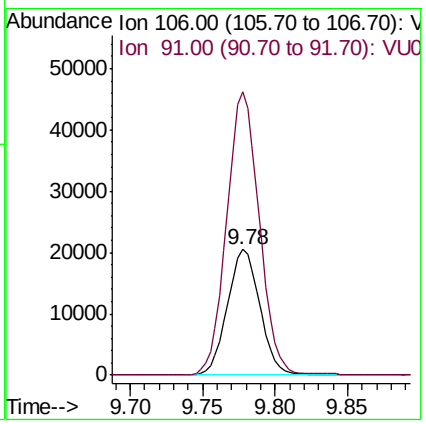


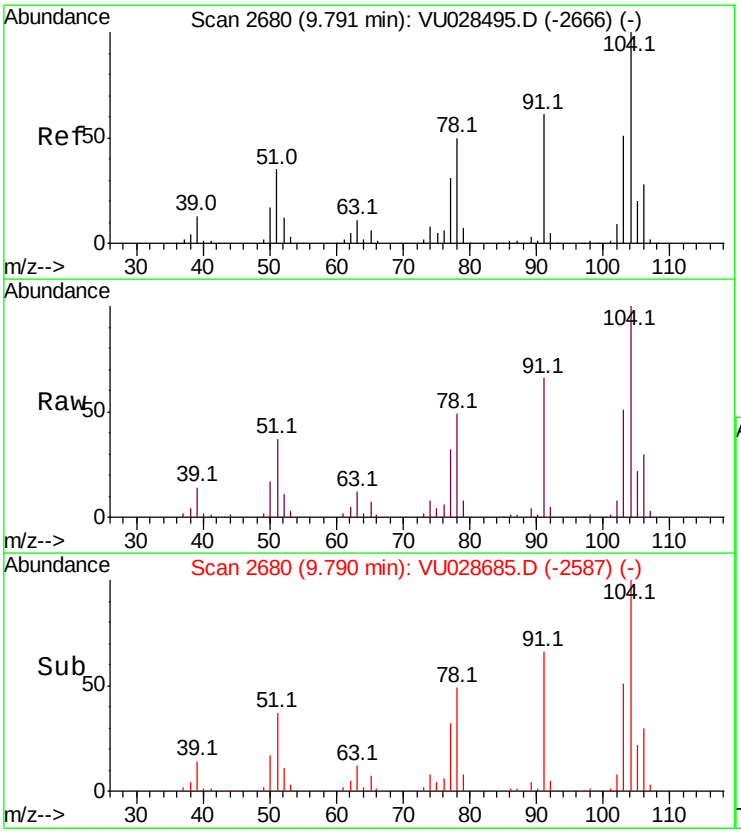

#69
o-Xylene
Concen: 19.318 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion:106 Resp: 32006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 225.6 | 111.3 | 334.0 |

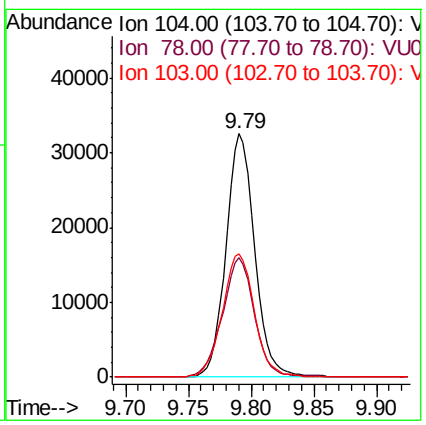


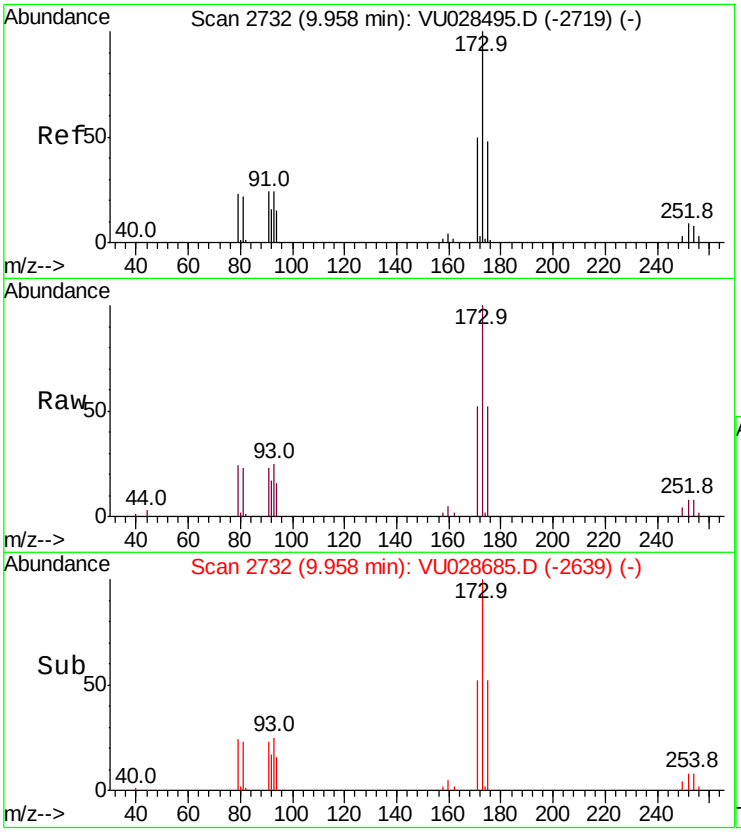




#70
Styrene
Concen: 18.879 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion:104 Resp: 51765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 54.6 | 43.0 | 64.6 |
| 103 | 56.3 | 44.2 | 66.4 |



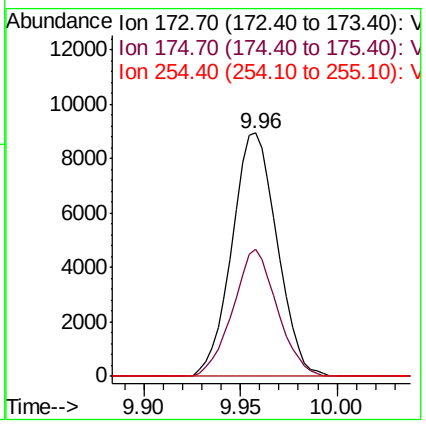


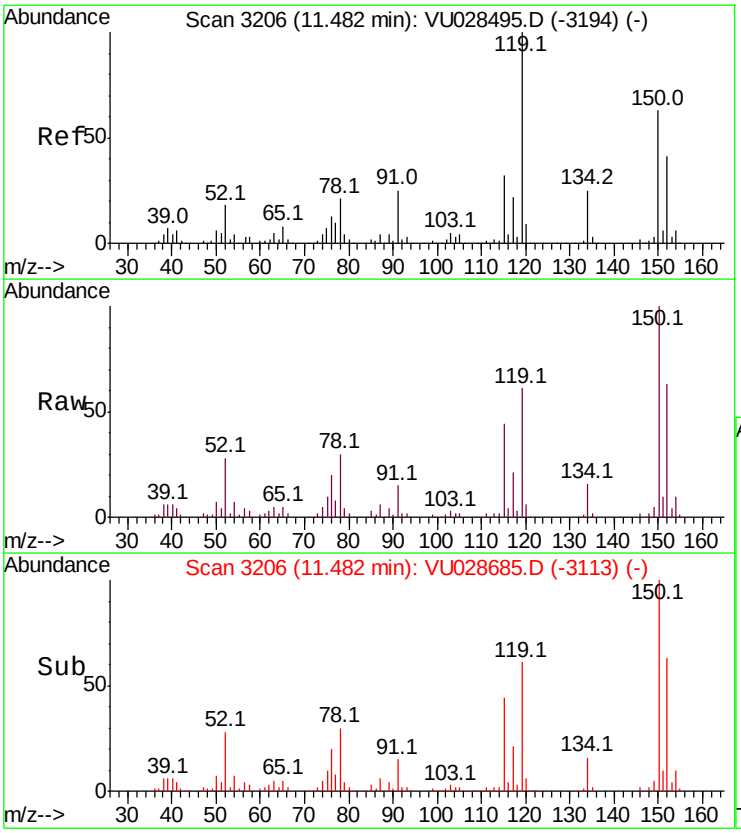

#71
Bromoform
Concen: 20.970 ug/l
RT: 9.96 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion:173 Resp: 14519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 51.2 | 23.9 | 71.8 |
| 254 | 0.0 | 0.0 | 0.0 |

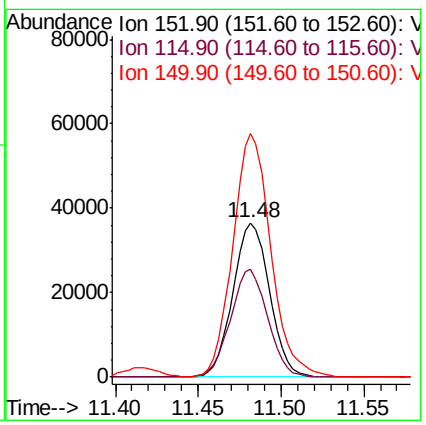


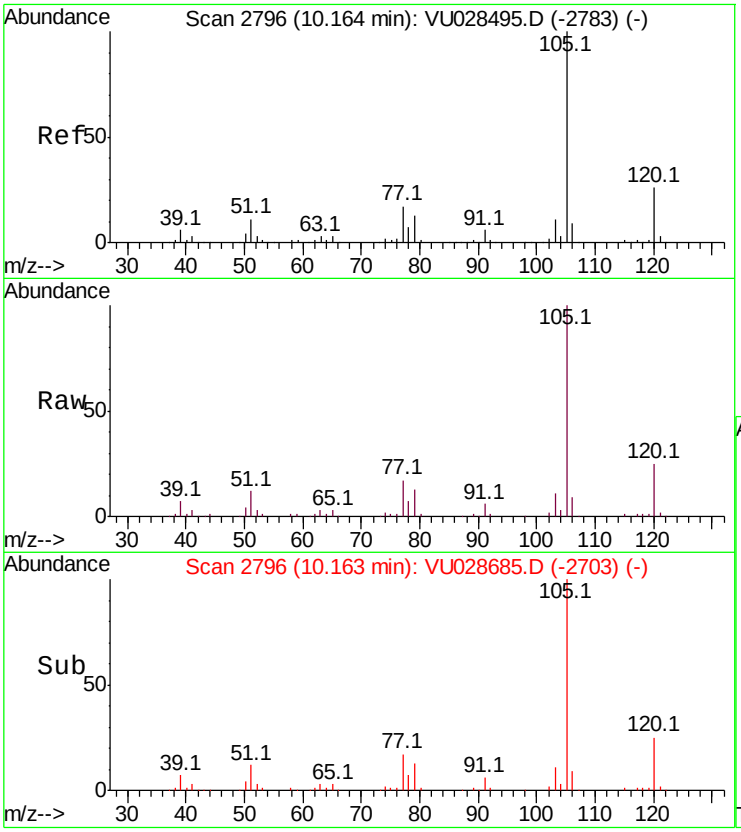




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion:152 Resp: 56259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 70.7 | 42.7 | 128.1 |
| 150 | 163.7 | 0.0 | 346.0 |



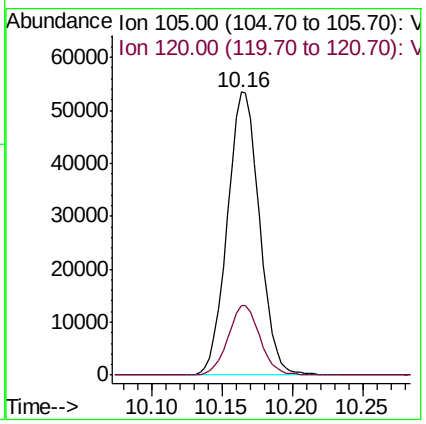


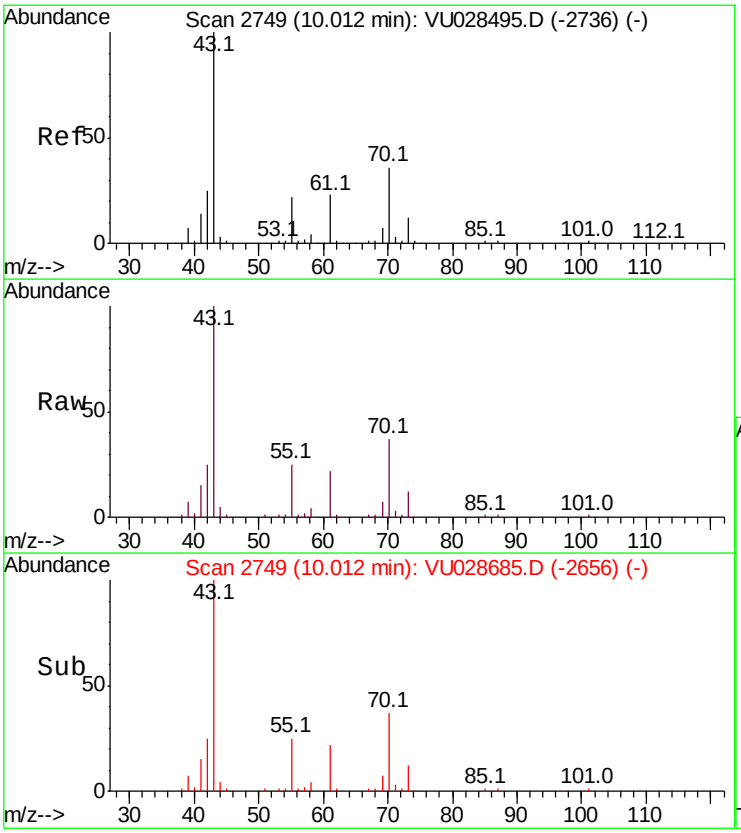

#73
Isopropylbenzene
Concen: 19.791 ug/l
RT: 10.16 min Scan# 2796
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion:105 Resp: 85438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 24.5 | 12.9 | 38.6 |

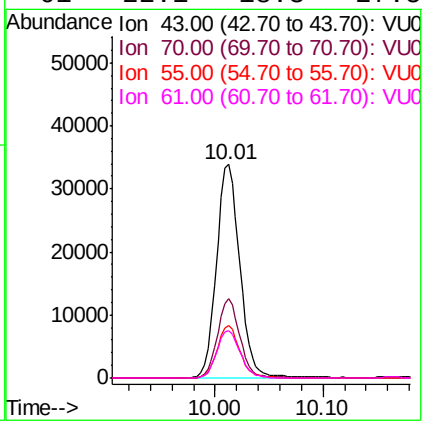


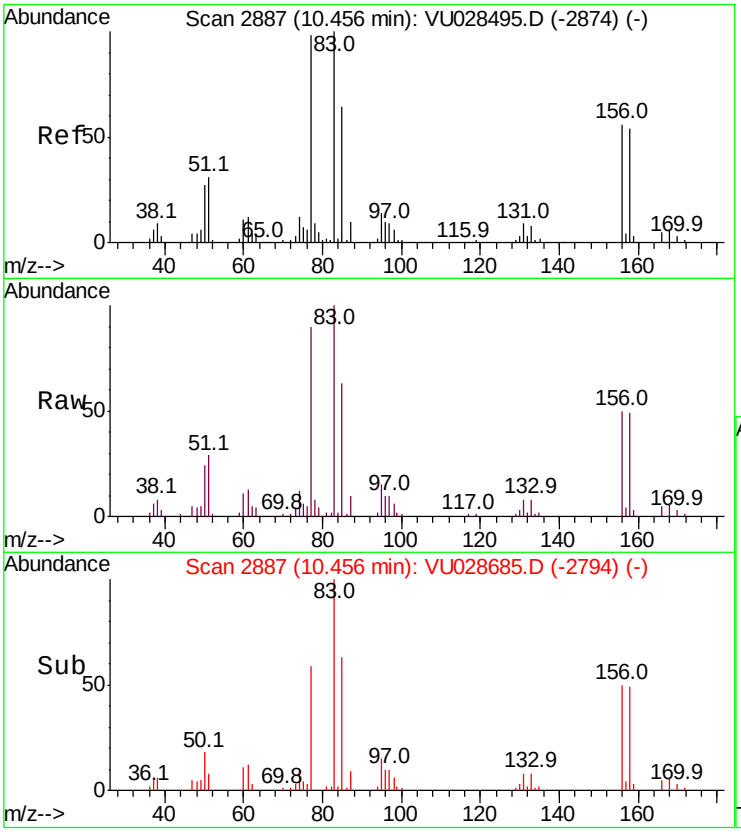




#74
N-amyl acetate
Concen: 20.467 ug/l
RT: 10.01 min Scan# 2749
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion: 43 Resp: 50966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 35.4 | 29.3 | 43.9 |
| 55 | 23.5 | 18.0 | 27.0 |
| 61 | 22.1 | 18.3 | 27.5 |



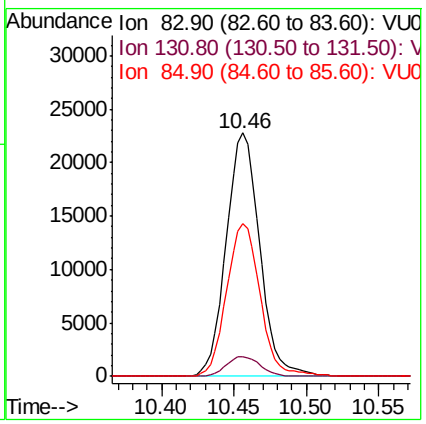


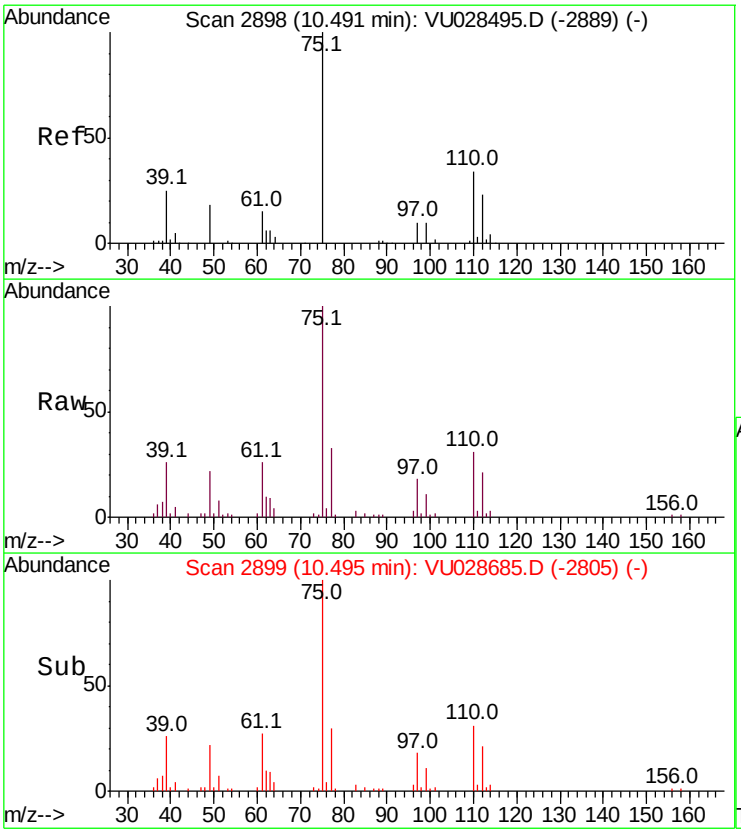

#75
1,1,2,2-Tetrachloroethane
Concen: 22.015 ug/l
RT: 10.46 min Scan# 2887
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion: 83 Resp: 36508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 8.1 | 4.2 | 12.4 |
| 85 | 63.0 | 31.8 | 95.4 |

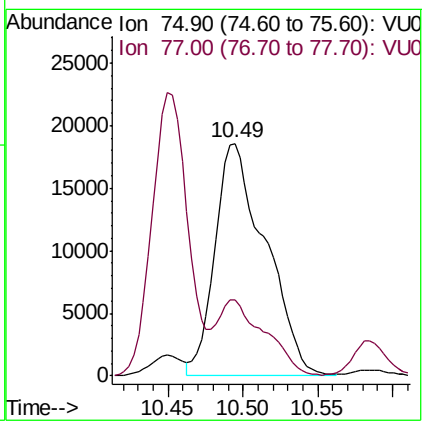


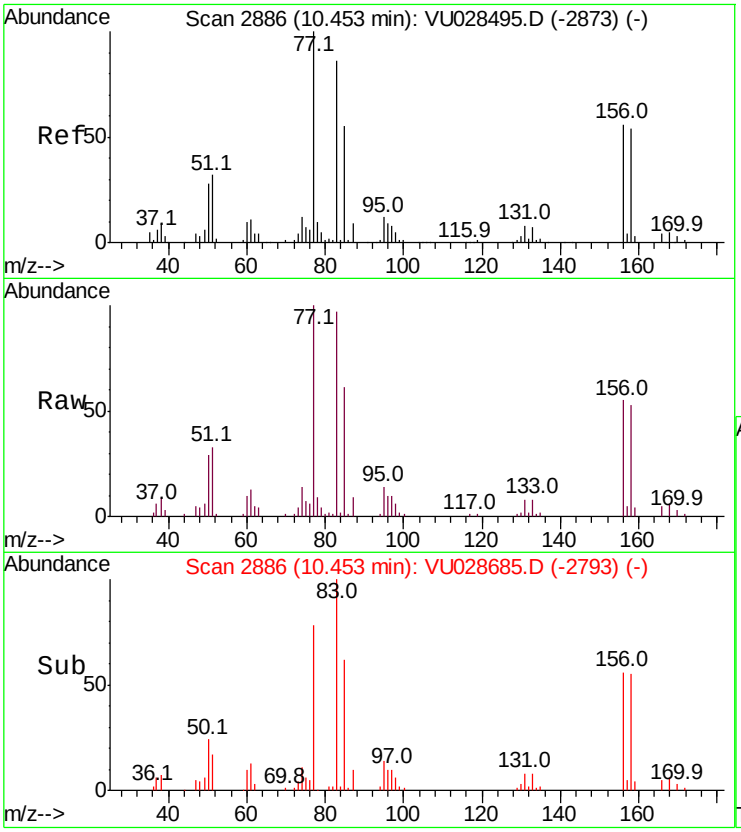




#76
1,2,3-Trichloropropane
Concen: 30.425 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. 0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion: 75 Resp: 43708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.3 | 20.8 | 62.4 |



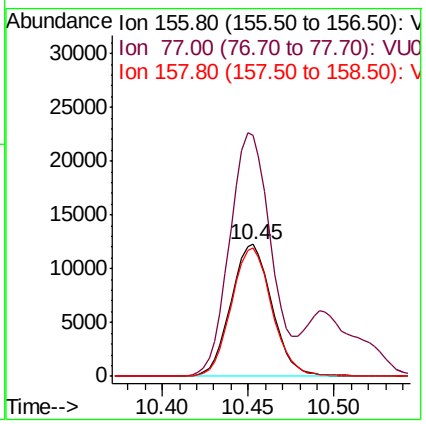


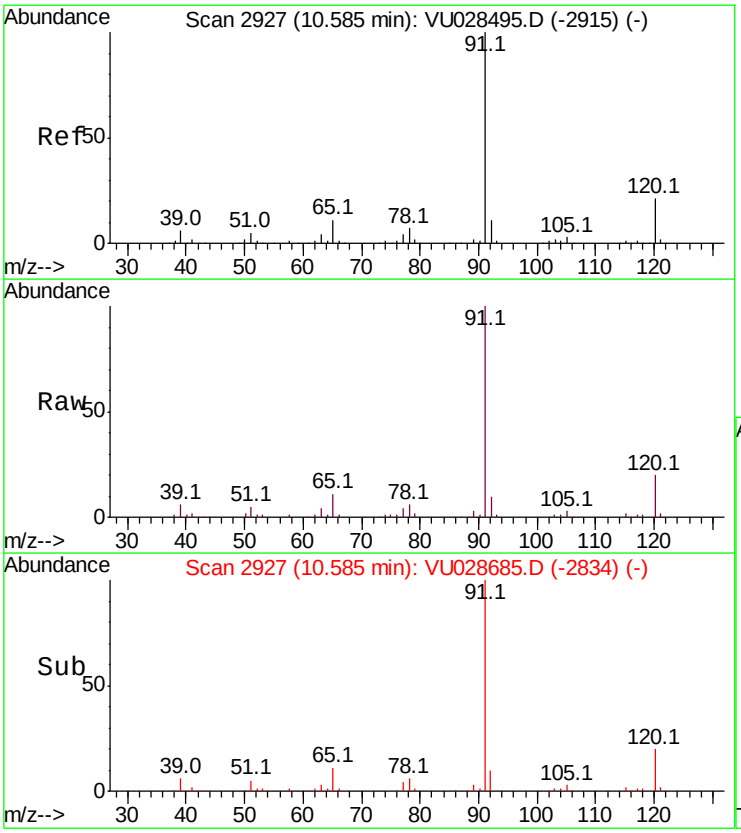

#77
Bromobenzene
Concen: 20.097 ug/l
RT: 10.45 min Scan# 2886
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion:156 Resp: 20290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 184.4 | 92.4 | 277.2 |
| 158 | 96.4 | 48.4 | 145.3 |

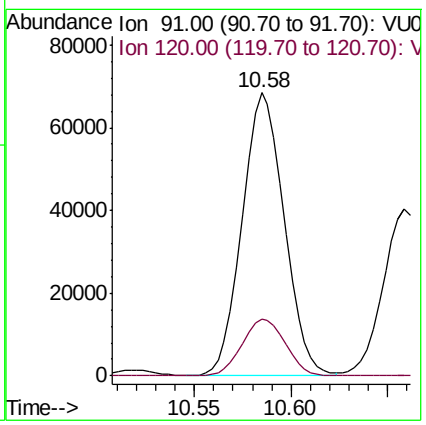


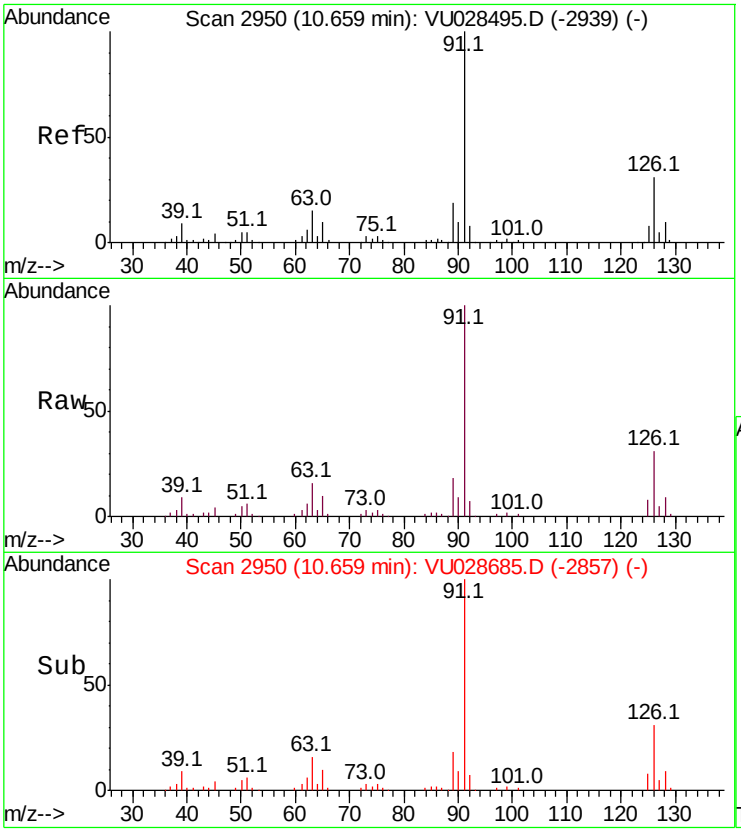




#78
n-propylbenzene
Concen: 19.319 ug/l
RT: 10.58 min Scan# 2927
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion: 91 Resp: 103631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 20.8 | 10.6 | 31.8 |



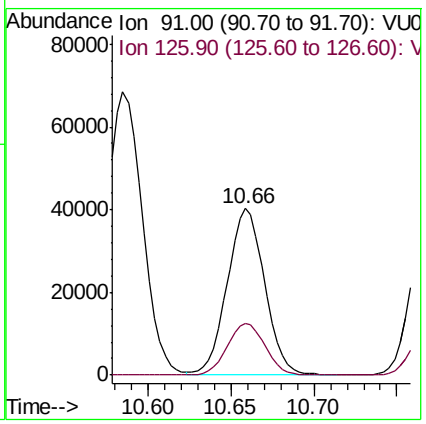


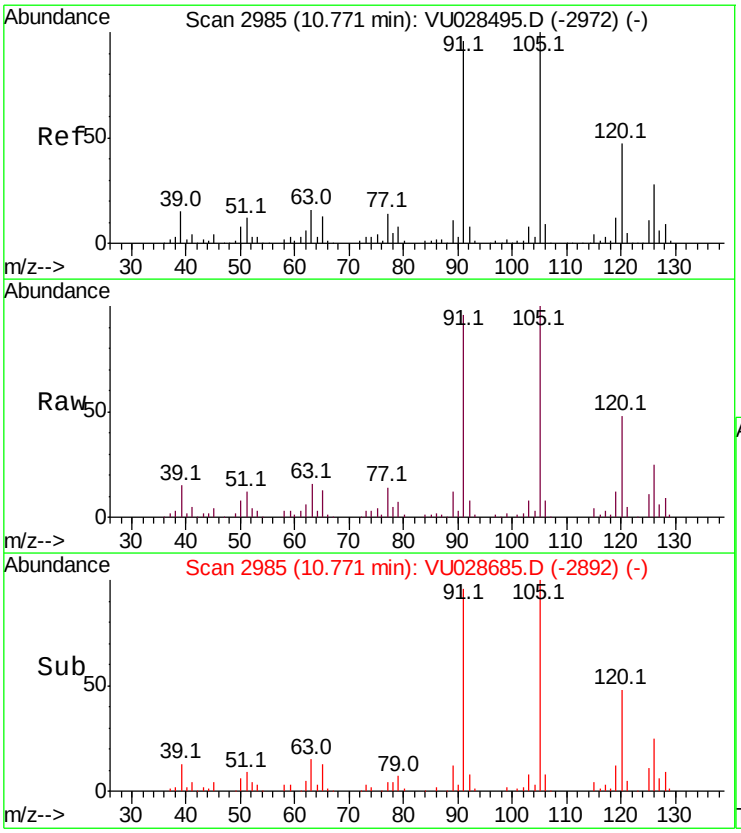

#79
2-Chlorotoluene
Concen: 20.319 ug/l
RT: 10.66 min Scan# 2950
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion: 91 Resp: 62783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 31.5 | 15.6 | 46.8 |

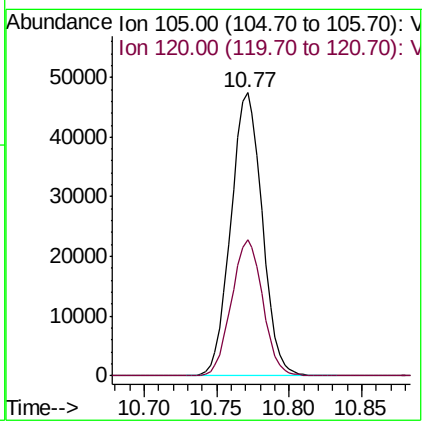


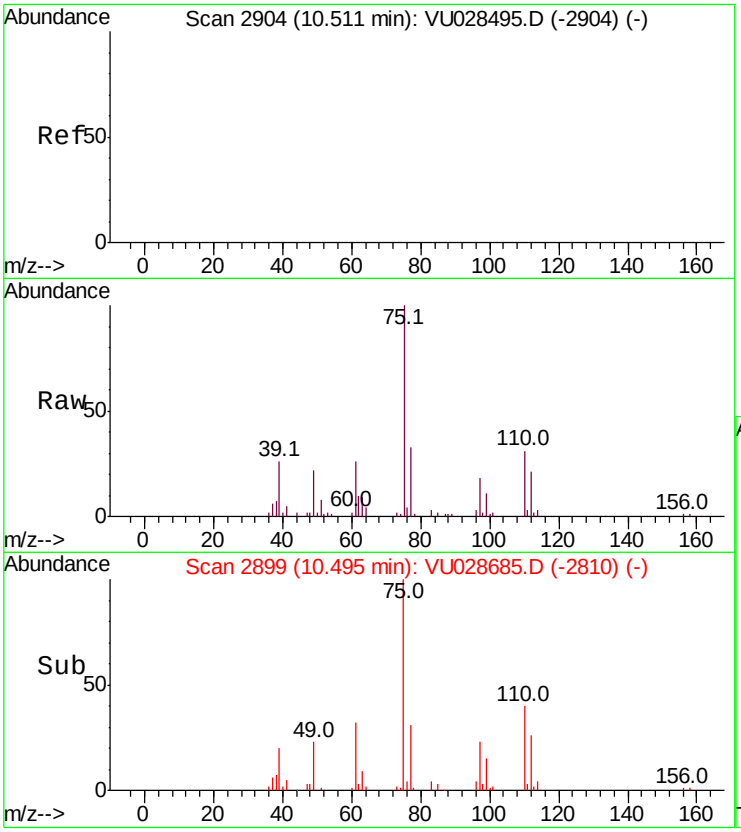




#80
1,3,5-Trimethylbenzene
Concen: 19.970 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion:105 Resp: 71360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.9 | 23.7 | 71.1 |



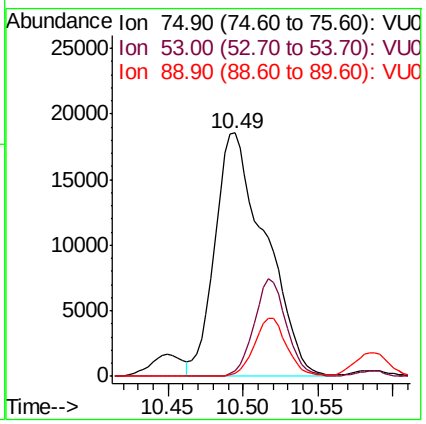


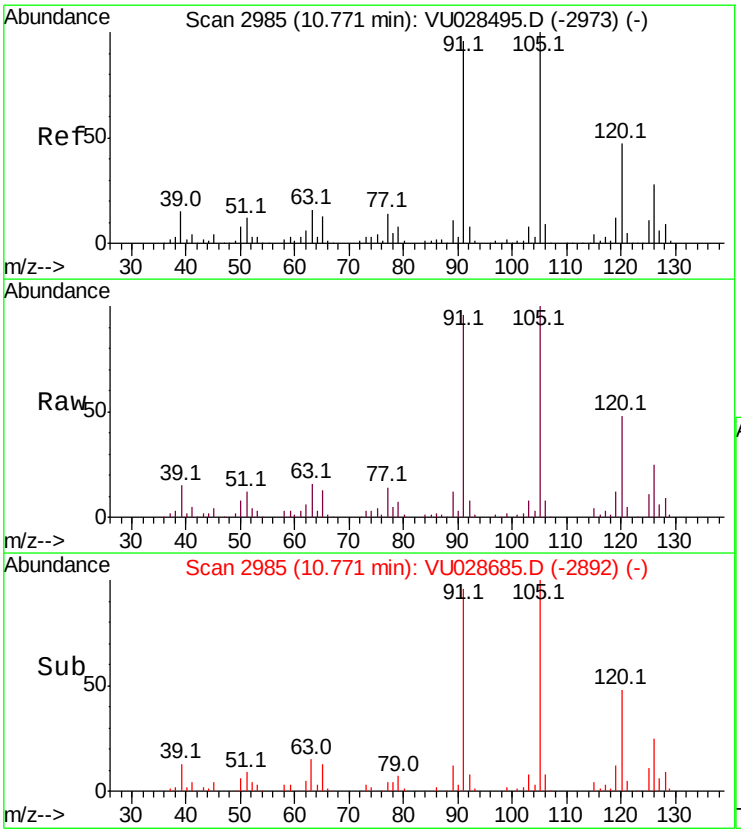

#81
trans-1,4-Dichloro-2-butene
Concen: 74.545 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion: 75 Resp: 43708

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

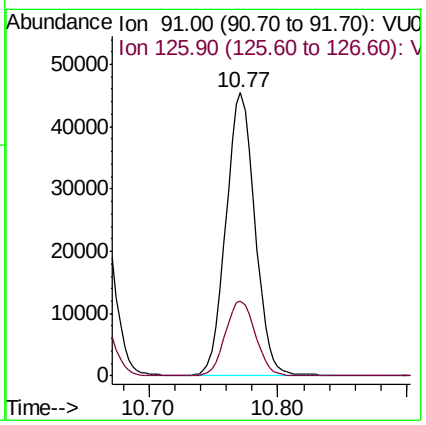


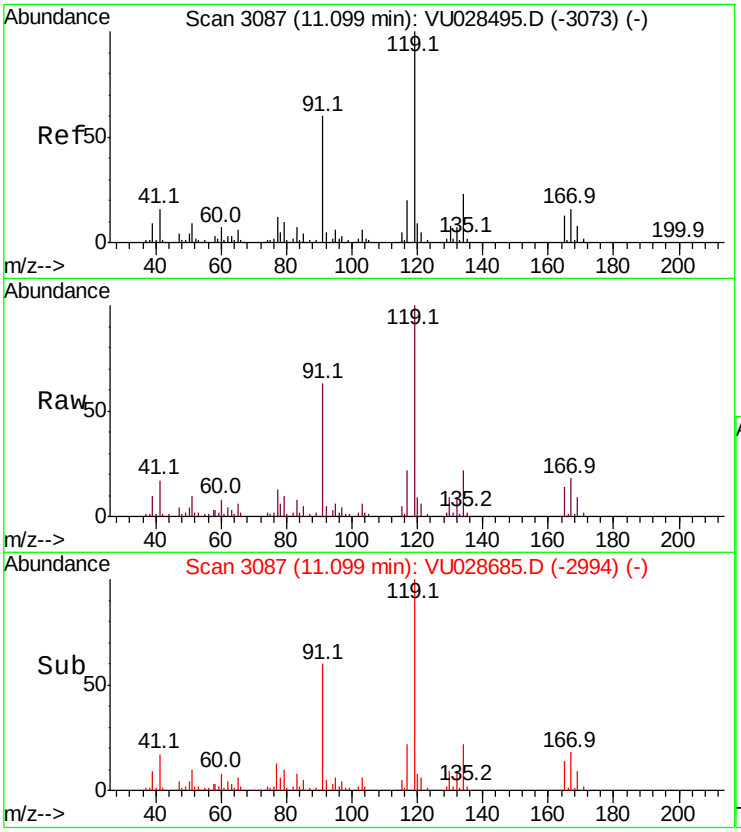




#82
4-Chlorotoluene
Concen: 19.398 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion: 91 Resp: 71026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 27.3 | 14.1 | 42.3 |



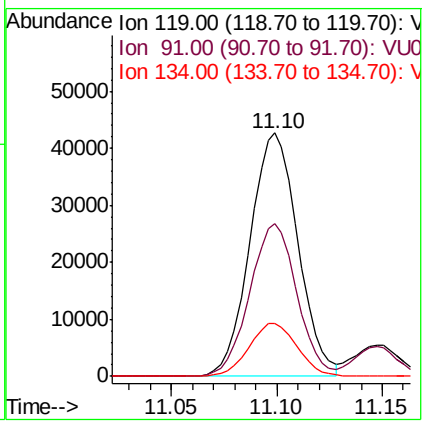


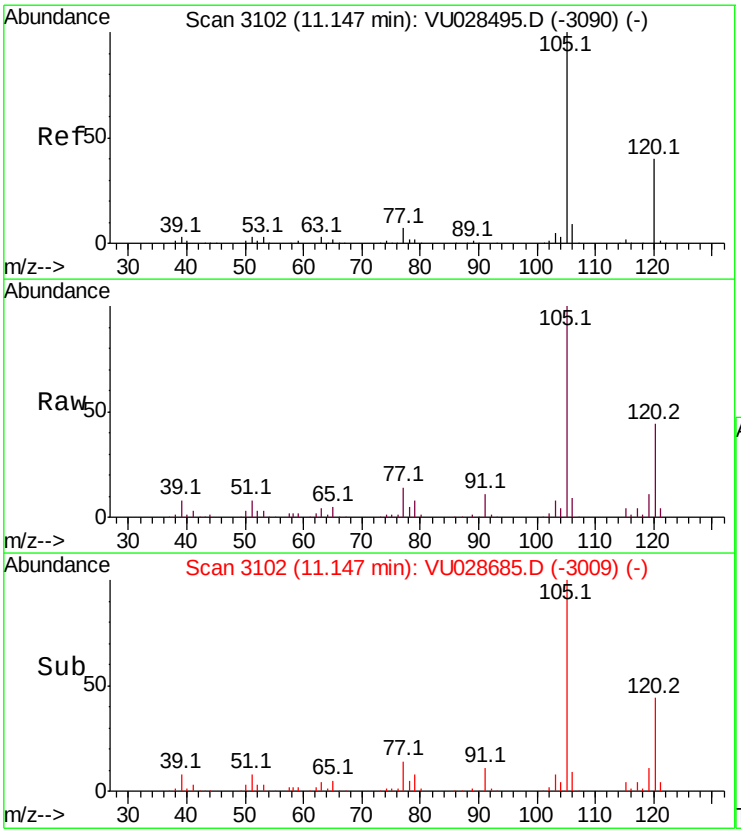

#83
tert-Butylbenzene
Concen: 19.643 ug/l
RT: 11.10 min Scan# 3087
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion:119 Resp: 67656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 61.6 | 30.3 | 91.0 |
| 134 | 21.7 | 11.2 | 33.5 |

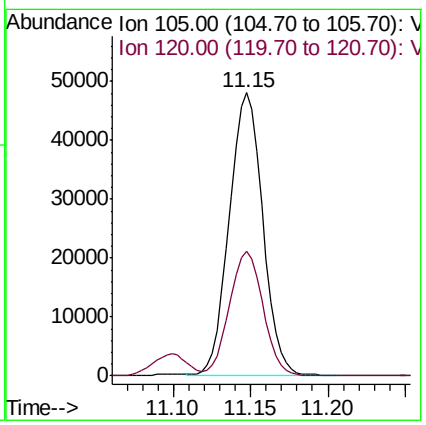


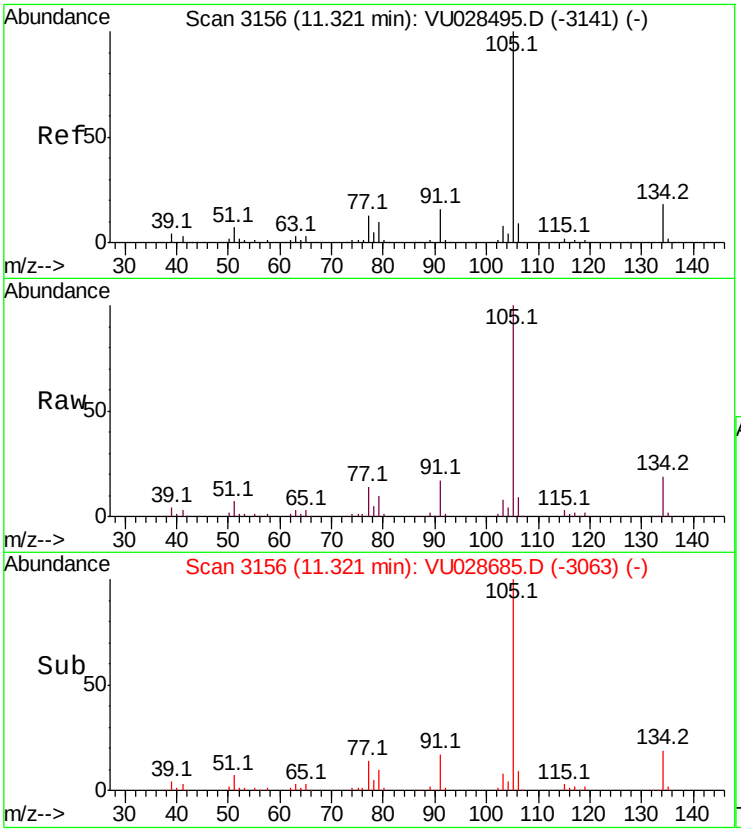




#84
1,2,4-Trimethylbenzene
Concen: 19.630 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion:105 Resp: 72293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.3 | 21.8 | 65.4 |



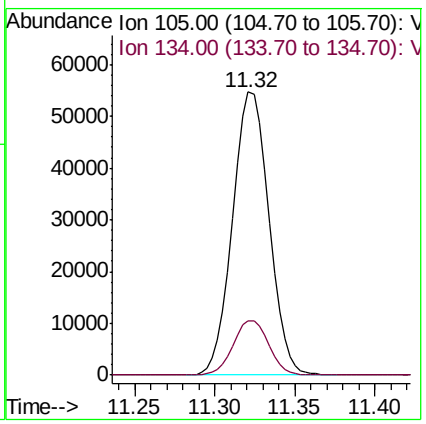


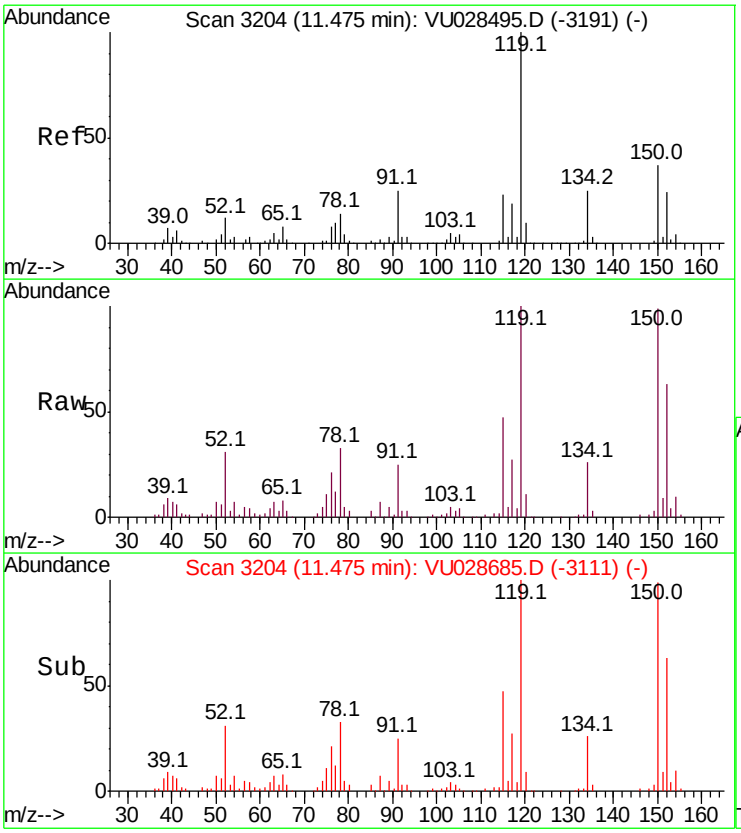

#85
sec-Butylbenzene
Concen: 19.133 ug/l
RT: 11.32 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion:105 Resp: 84662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 18.8 | 9.2 | 27.6 |

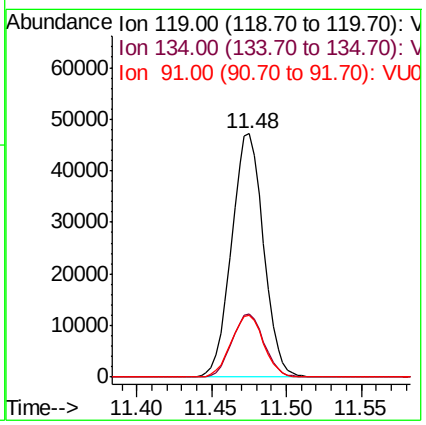


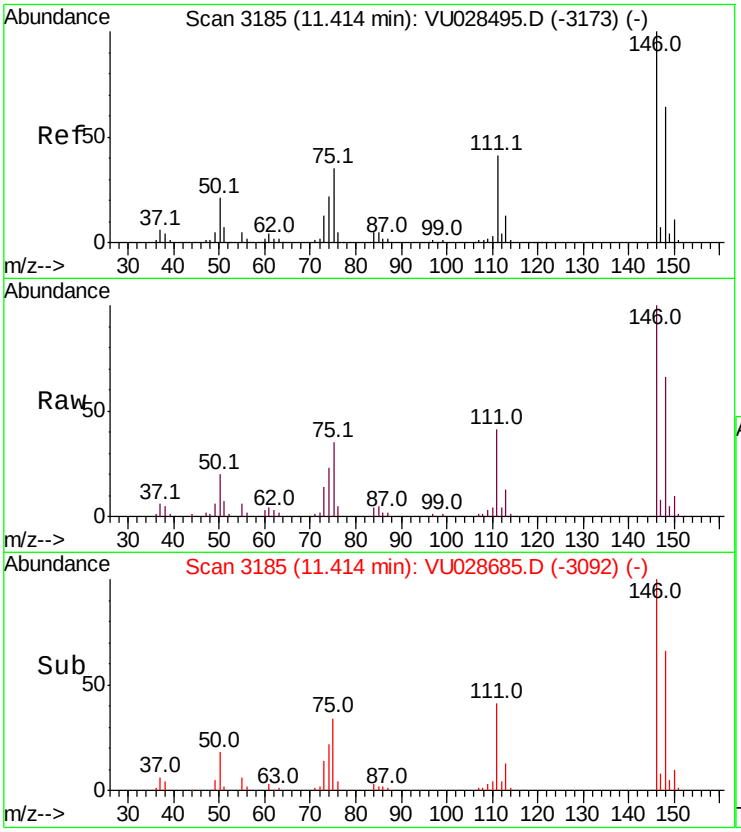




#86
p-Isopropyltoluene
Concen: 18.740 ug/l
RT: 11.48 min Scan# 3204
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion:119 Resp: 70437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.9 | 12.7 | 38.1 |
| 91 | 25.5 | 12.6 | 37.6 |



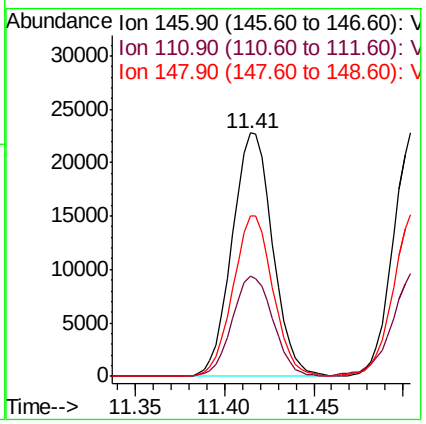


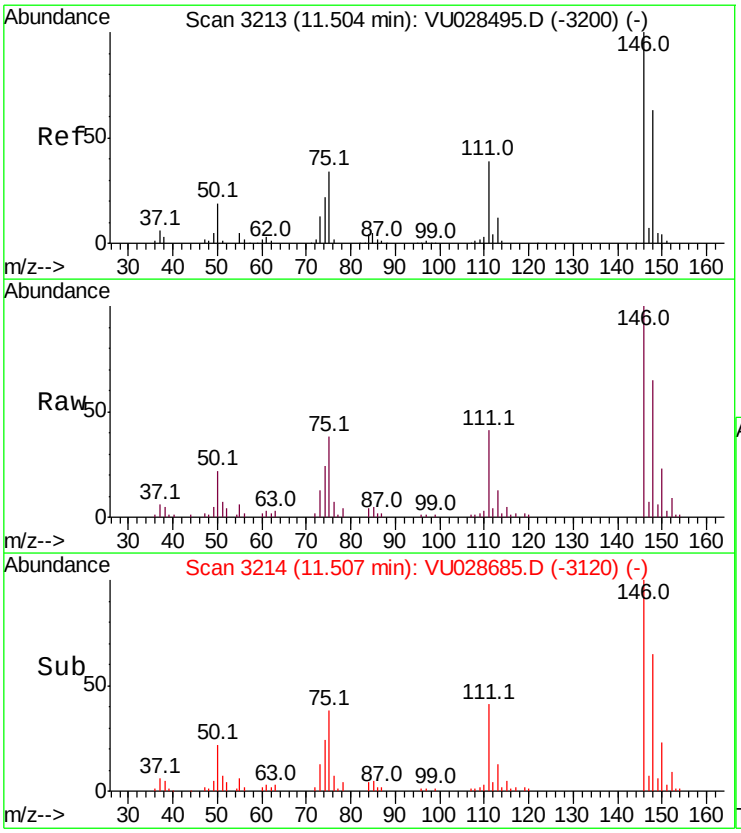

#87
1,3-Dichlorobenzene
Concen: 18.910 ug/l
RT: 11.41 min Scan# 3185
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion:146 Resp: 36050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.4 | 20.7 | 62.1 |
| 148 | 65.1 | 31.9 | 95.7 |

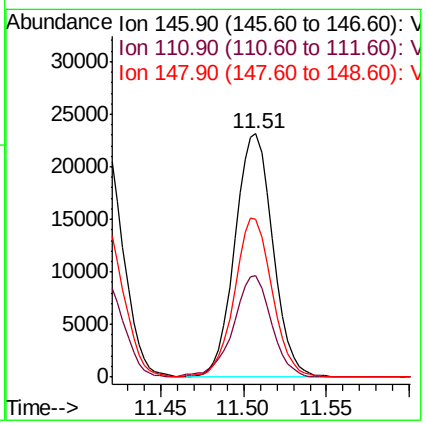


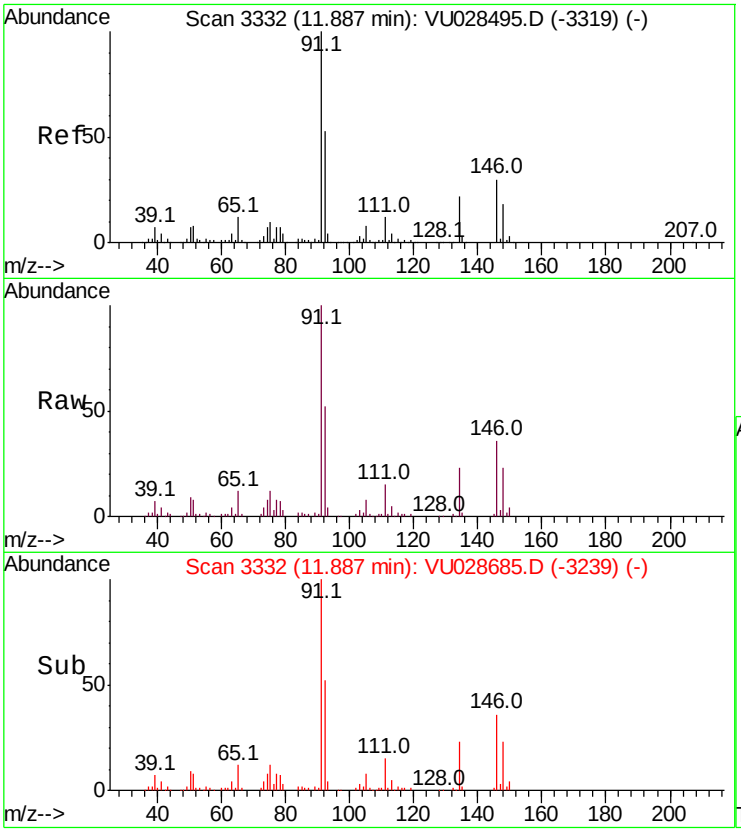




#88
1,4-Dichlorobenzene
Concen: 18.636 ug/l
RT: 11.51 min Scan# 3214
Delta R.T. 0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion:146 Resp: 36758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.0 | 20.2 | 60.5 |
| 148 | 64.9 | 31.6 | 95.0 |



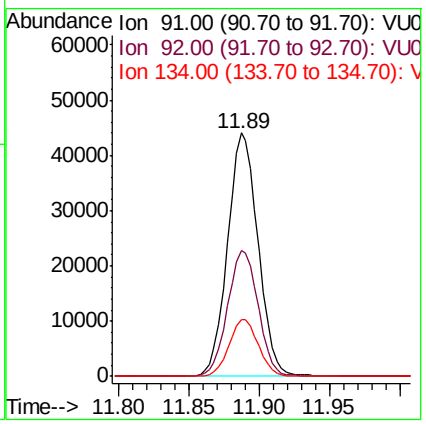


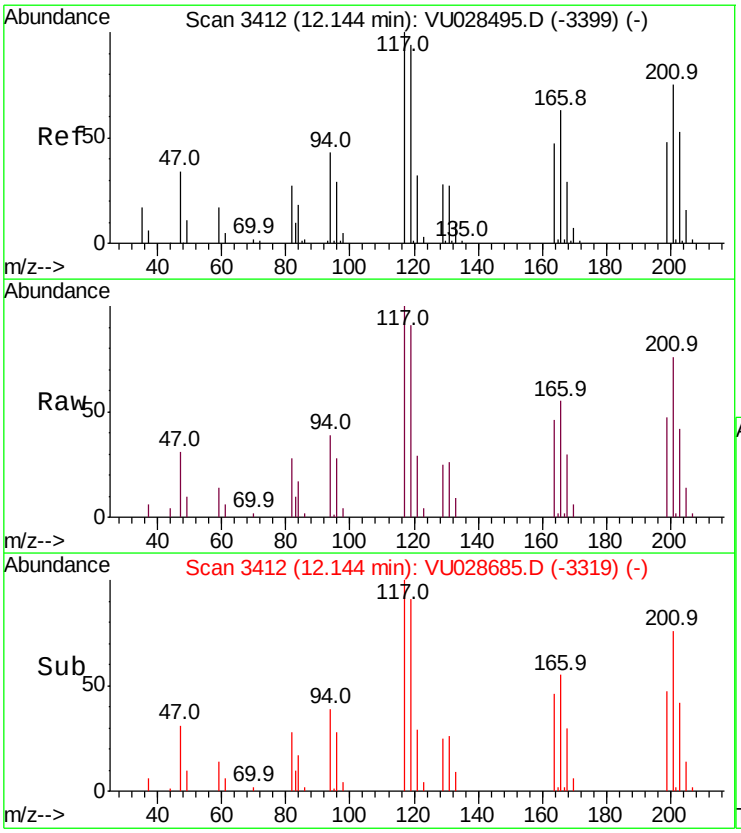

#89
n-Butylbenzene
Concen: 17.525 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion: 91 Resp: 66666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 51.9 | 26.3 | 78.9 |
| 134 | 22.5 | 11.3 | 33.8 |

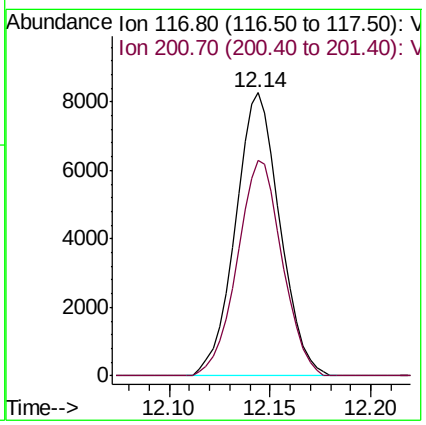


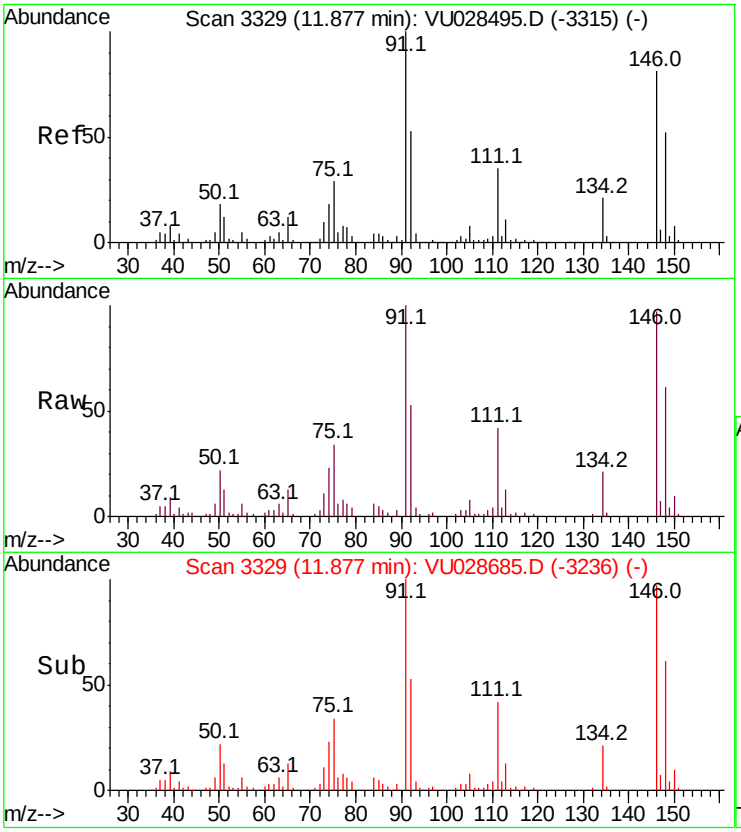




#90
Hexachloroethane
Concen: 22.421 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion:117 Resp: 12738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 76.9 | 38.1 | 114.5 |



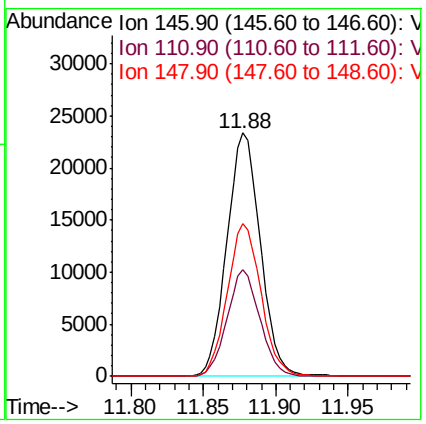


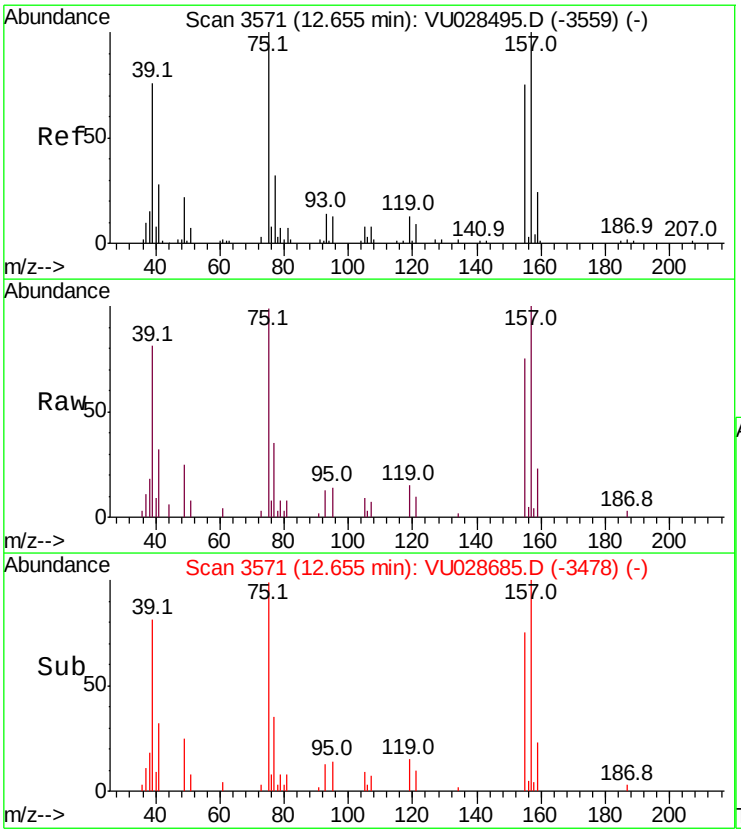

#91
1,2-Dichlorobenzene
Concen: 19.566 ug/l
RT: 11.88 min Scan# 3329
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion:146 Resp: 37312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.7 | 21.1 | 63.4 |
| 148 | 63.0 | 31.4 | 94.2 |

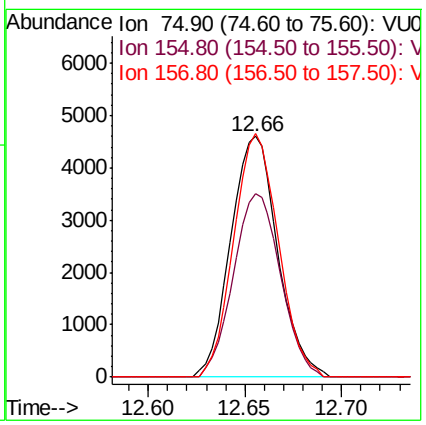


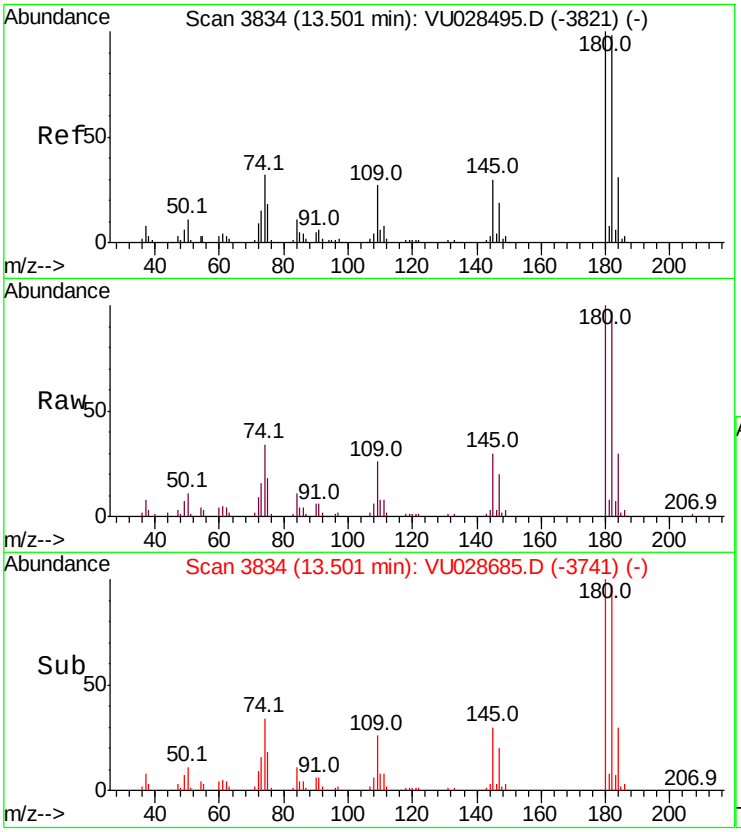




#92
1,2-Dibromo-3-Chloropropane
Concen: 21.625 ug/l
RT: 12.66 min Scan# 3571
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion: 75 Resp: 7764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 76.2 | 38.1 | 114.5 |
| 157 | 96.3 | 48.7 | 146.1 |



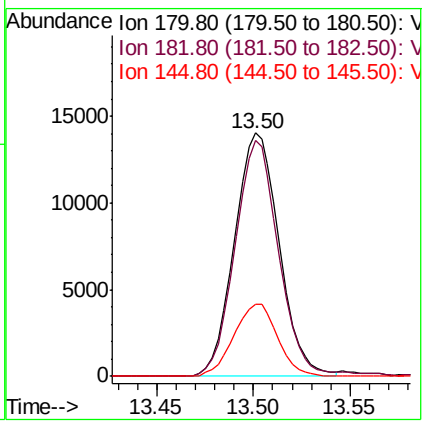


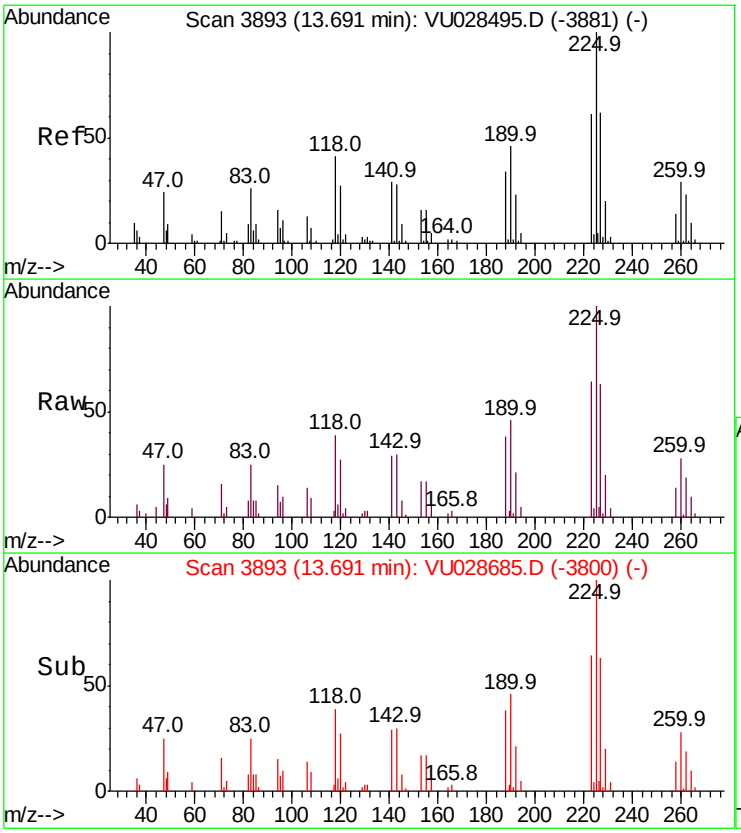

#93
1,2,4-Trichlorobenzene
Concen: 17.771 ug/l
RT: 13.50 min Scan# 3834
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion:180 Resp: 22563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.0 | 47.9 | 143.8 |
| 145 | 29.0 | 15.0 | 45.1 |

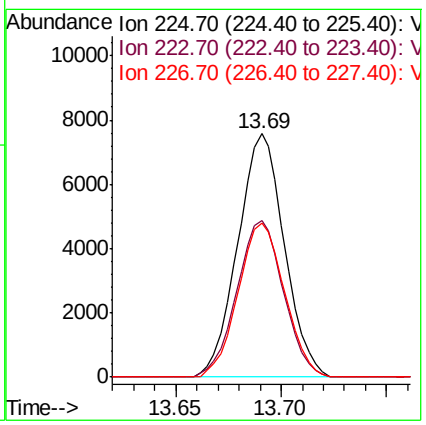


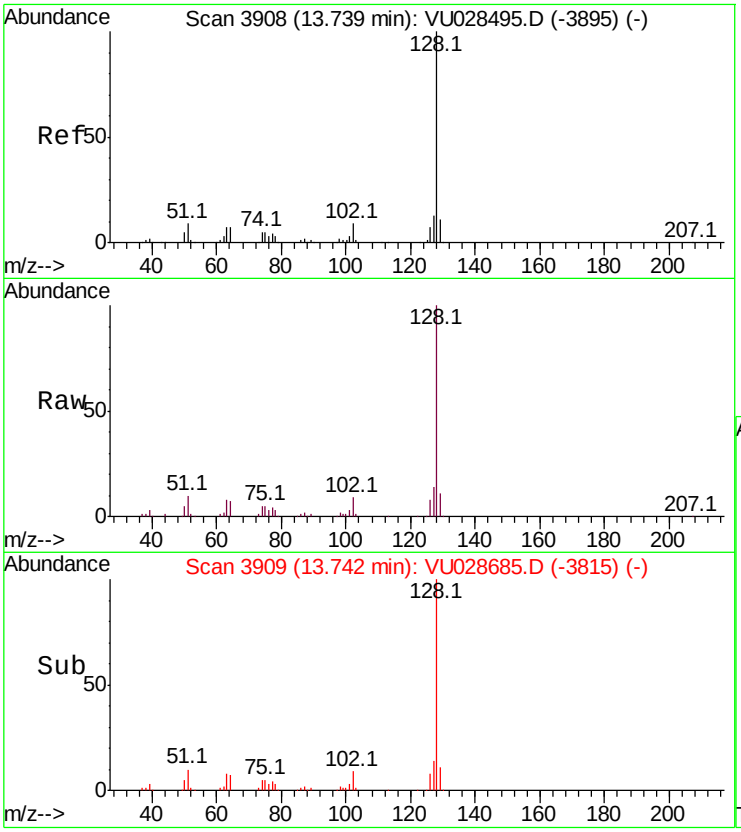




#94
Hexachlorobutadiene
Concen: 18.589 ug/l
RT: 13.69 min Scan# 3893
Delta R.T. -0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion:225 Resp: 11612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.4 | 30.4 | 91.2 |
| 227 | 63.1 | 30.7 | 92.1 |



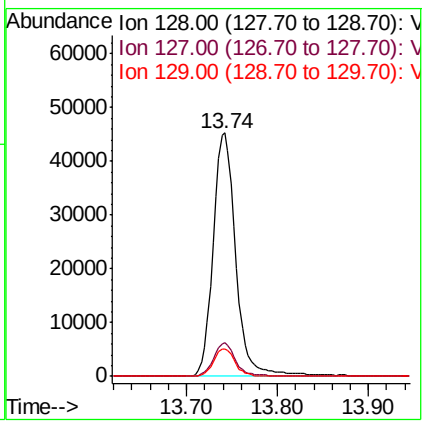


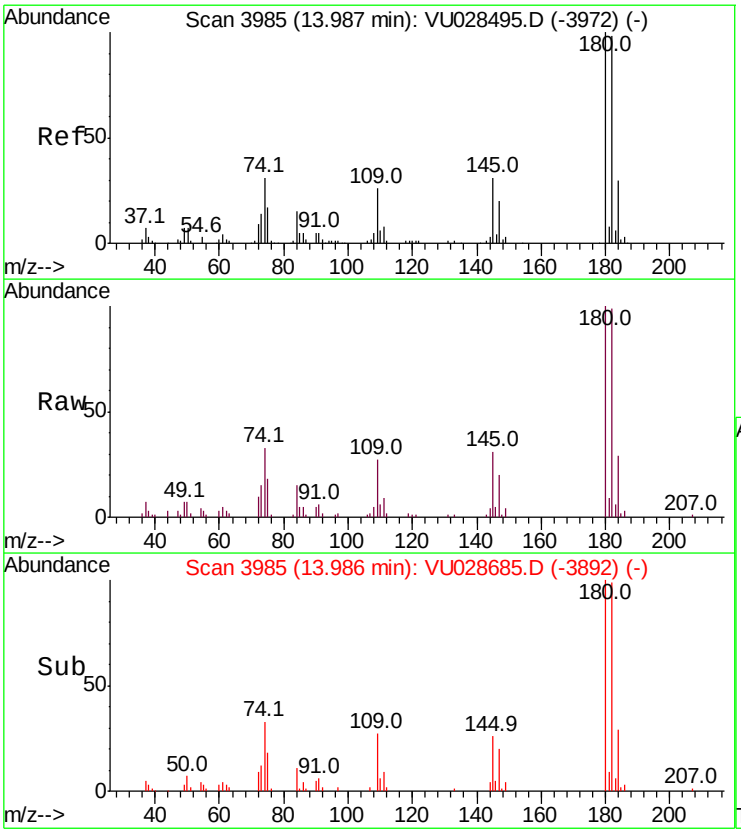

#95
Naphthalene
Concen: 17.139 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

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

Tgt Ion:128 Resp: 78428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.2 | 10.4 | 15.6 |
| 129 | 10.7 | 8.6 | 13.0 |




#96
1,2,3-Trichlorobenzene
Concen: 18.305 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU028685.D
Acq: 14 Dec 2018 16:03

Tgt Ion:180 Resp: 23751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.1 | 48.2 | 144.6 |
| 145 | 31.8 | 15.8 | 47.3 |