Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091418\
Data File : VU026725.D
Acq On : 13 Sep 2018 11:06
Operator : MD/SY
Sample : VU0914MBSD01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VU0914MBSD01

Quant Time: Sep 14 00:58:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U091218W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 05:32:45 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 4.98 | 168 | 112721 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 5.89 | 114 | 170971 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 9.09 | 117 | 163361 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 11.49 | 152 | 95250 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.31 | 65 | 83796 | 49.01 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.02% | | | |
| 35) Dibromofluoromethane | 4.88 | 113 | 68365 | 49.02 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.04% | | | |
| 50) Toluene-d8 | 7.57 | 98 | 248855 | 48.25 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 96.50% | | | |
| 62) 4-Bromofluorobenzene | 10.31 | 95 | 88638 | 47.41 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 94.82% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.20 | 85 | 21330 | 17.515 | ug/l | 100 |
| 3) Chloromethane | 1.33 | 50 | 28627 | 16.825 | ug/l | 98 |
| 4) Vinyl Chloride | 1.40 | 62 | 31400 | 17.808 | ug/l | 100 |
| 5) Bromomethane | 1.62 | 94 | 17659 | 15.990 | ug/l | 99 |
| 6) Chloroethane | 1.69 | 64 | 19822 | 17.664 | ug/l | 98 |
| 7) Trichlorofluoromethane | 1.88 | 101 | 41668 | 18.077 | ug/l | 99 |
| 8) Diethyl Ether | 2.10 | 74 | 19319 | 19.126 | ug/l | 99 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.28 | 101 | 25840 | 18.876 | ug/l | 99 |
| 10) Methyl Iodide | 2.41 | 142 | 15487 | 19.393 | ug/l | 99 |
| 11) Tert butyl alcohol | 2.83 | 59 | 36414 | 87.368 | ug/l | 100 |
| 12) 1,1-Dichloroethene | 2.28 | 96 | 24130 | 18.646 | ug/l | 99 |
| 13) Acrolein | 2.19 | 56 | 17276 | 61.508 | ug/l | 97 |
| 14) Allyl chloride | 2.59 | 41 | 40613 | 17.425 | ug/l | 100 |
| 15) Acrylonitrile | 2.93 | 53 | 85797 | 95.988 | ug/l | 99 |
| 16) Acetone | 2.32 | 43 | 78732 | 81.326 | ug/l | 99 |
| 17) Carbon Disulfide | 2.48 | 76 | 68428 | 16.619 | ug/l | 100 |
| 18) Methyl Acetate | 2.61 | 43 | 42117 | 20.163 | ug/l | 100 |
| 19) Methyl tert-butyl Ether | 3.00 | 73 | 87234 | 19.578 | ug/l | 99 |
| 20) Methylene Chloride | 2.70 | 84 | 28916 | 18.414 | ug/l | 94 |
| 21) trans-1,2-Dichloroethene | 2.98 | 96 | 25357 | 18.600 | ug/l | 95 |
| 22) Diisopropyl ether | 3.57 | 45 | 95705 | 19.674 | ug/l | 97 |
| 23) Vinyl Acetate | 3.52 | 43 | 400013 | 96.805 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 3.44 | 63 | 51852 | 18.896 | ug/l | 99 |
| 25) 2-Butanone | 4.26 | 43 | 116239 | 89.136 | ug/l | 98 |
| 26) 2,2-Dichloropropane | 4.22 | 77 | 41129 | 18.235 | ug/l | 100 |
| 27) cis-1,2-Dichloroethene | 4.22 | 96 | 30116 | 19.167 | ug/l | 98 |
| 28) Bromochloromethane | 4.55 | 49 | 22878 | 17.435 | ug/l | 97 |
| 29) Tetrahydrofuran | 4.64 | 42 | 75345 | 95.832 | ug/l | 99 |
| 30) Chloroform | 4.68 | 83 | 50767 | 18.814 | ug/l | 99 |
| 31) Cyclohexane | 5.00 | 56 | 45475 | 18.029 | ug/l | 97 |
| 32) 1,1,1-Trichloroethane | 4.92 | 97 | 42158 | 18.869 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 5.14 | 75 | 36025 | 18.767 | ug/l | 99 |
| 37) Ethyl Acetate | 4.38 | 43 | 42623 | 18.465 | ug/l | 99 |
| 38) Carbon Tetrachloride | 5.14 | 117 | 37006 | 18.247 | ug/l | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091418\
Data File : VU026725.D
Acq On : 13 Sep 2018 11:06
Operator : MD/SY
Sample : VU0914MBSD01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VU0914MBSD01

Quant Time: Sep 14 00:58:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U091218W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 05:32:45 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 6.42 | 83 | 43277 | 18.988 | ug/l | | 95 |
| 40) Benzene | 5.39 | 78 | 110933 | 18.609 | ug/l | | 100 |
| 41) Methacrylonitrile | 4.54 | 41 | 23589 | 18.610 | ug/l | | 98 |
| 42) 1,2-Dichloroethane | 5.40 | 62 | 41225 | 19.393 | ug/l | | 100 |
| 43) Isopropyl Acetate | 5.55 | 43 | 68005 | 19.348 | ug/l | | 99 |
| 44) Trichloroethene | 6.19 | 130 | 27743 | 18.804 | ug/l | | 99 |
| 45) 1,2-Dichloropropane | 6.43 | 63 | 31306 | 19.318 | ug/l | | 96 |
| 46) Dibromomethane | 6.56 | 93 | 20538 | 19.639 | ug/l | | 96 |
| 47) Bromodichloromethane | 6.76 | 83 | 39376 | 19.121 | ug/l | | 99 |
| 48) Methyl methacrylate | 6.62 | 41 | 34060 | 18.896 | ug/l | | 99 |
| 49) 1,4-Dioxane | 6.61 | 88 | 16170 | 386.090 | ug/l | | 99 |
| 51) 4-Methyl-2-Pentanone | 7.46 | 43 | 222757 | 94.749 | ug/l | | 100 |
| 52) Toluene | 7.64 | 92 | 68523 | 19.297 | ug/l | | 100 |
| 53) t-1,3-Dichloropropene | 7.88 | 75 | 43883 | 19.212 | ug/l | | 96 |
| 54) cis-1,3-Dichloropropene | 7.27 | 75 | 47242 | 19.261 | ug/l | | 99 |
| 55) 1,1,2-Trichloroethane | 8.07 | 97 | 29927 | 19.670 | ug/l | | 99 |
| 56) Ethyl methacrylate | 8.02 | 69 | 43337 | 18.796 | ug/l | | 99 |
| 57) 1,3-Dichloropropane | 8.24 | 76 | 50606 | 19.515 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 7.13 | 63 | 105237 | 92.066 | ug/l | | 98 |
| 59) 2-Hexanone | 8.36 | 43 | 169620 | 91.674 | ug/l | | 100 |
| 60) Dibromochloromethane | 8.48 | 129 | 31280 | 18.984 | ug/l | | 98 |
| 61) 1,2-Dibromoethane | 8.59 | 107 | 31607 | 19.147 | ug/l | | 99 |
| 64) Tetrachloroethene | 8.23 | 164 | 25395 | 19.531 | ug/l | | 98 |
| 65) Chlorobenzene | 9.12 | 112 | 77422 | 19.076 | ug/l | | 98 |
| 66) 1,1,1,2-Tetrachloroethane | 9.21 | 131 | 28625 | 19.169 | ug/l | | 98 |
| 67) Ethyl Benzene | 9.25 | 91 | 128033 | 19.150 | ug/l | | 97 |
| 68) m/p-Xylenes | 9.38 | 106 | 99656 | 39.184 | ug/l | | 99 |
| 69) o-Xylene | 9.78 | 106 | 47630 | 18.329 | ug/l | | 97 |
| 70) Styrene | 9.79 | 104 | 77916 | 18.248 | ug/l | | 98 |
| 71) Bromoform | 9.96 | 173 | 25505 | 19.638 | ug/l | # | 97 |
| 73) Isopropylbenzene | 10.17 | 105 | 129453 | 19.944 | ug/l | | 100 |
| 74) N-amyl acetate | 10.02 | 43 | 60086 | 19.608 | ug/l | | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 10.46 | 83 | 49421 | 18.683 | ug/l | | 100 |
| 76) 1,2,3-Trichloropropane | 10.50 | 75 | 54447 | 25.518 | ug/l | | 81 |
| 77) Bromobenzene | 10.46 | 156 | 33996 | 19.271 | ug/l | | 100 |
| 78) n-propylbenzene | 10.59 | 91 | 151633 | 20.086 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 10.66 | 91 | 91062 | 19.459 | ug/l | | 100 |
| 80) 1,3,5-Trimethylbenzene | 10.77 | 105 | 108638 | 19.912 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-buten | 10.50 | 75 | 54447 | 74.610 | ug/l | # | 100 |
| 82) 4-Chlorotoluene | 10.77 | 91 | 105692 | 20.102 | ug/l | | 100 |
| 83) tert-Butylbenzene | 11.10 | 119 | 108763 | 19.644 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.15 | 105 | 113149 | 20.562 | ug/l | | 99 |
| 85) sec-Butylbenzene | 11.33 | 105 | 132646 | 20.174 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 11.48 | 119 | 116844 | 19.145 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 11.42 | 146 | 61729 | 18.757 | ug/l | | 100 |
| 88) 1,4-Dichlorobenzene | 11.51 | 146 | 62773 | 18.367 | ug/l | | 99 |
| 89) n-Butylbenzene | 11.89 | 91 | 101040 | 18.796 | ug/l | | 99 |
| 90) Hexachloroethane | 12.15 | 117 | 21281 | 18.342 | ug/l | | 97 |
| 91) 1,2-Dichlorobenzene | 11.88 | 146 | 62777 | 18.963 | ug/l | | 100 |
| 92) 1,2-Dibromo-3-Chloropropan | 12.66 | 75 | 10438 | 19.681 | ug/l | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091418\
Data File : VU026725.D
Acq On : 13 Sep 2018 11:06
Operator : MD/SY
Sample : VU0914MBSD01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VU0914MBSD01

Quant Time: Sep 14 00:58:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U091218W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 05:32:45 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 13.50 | 180 | 44644 | 20.307 | ug/l | 98 |
| 94) Hexachlorobutadiene | 13.69 | 225 | 22498 | 19.893 | ug/l | 99 |
| 95) Naphthalene | 13.75 | 128 | 137330 | 19.207 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 13.99 | 180 | 45944 | 20.011 | ug/l | 99 |

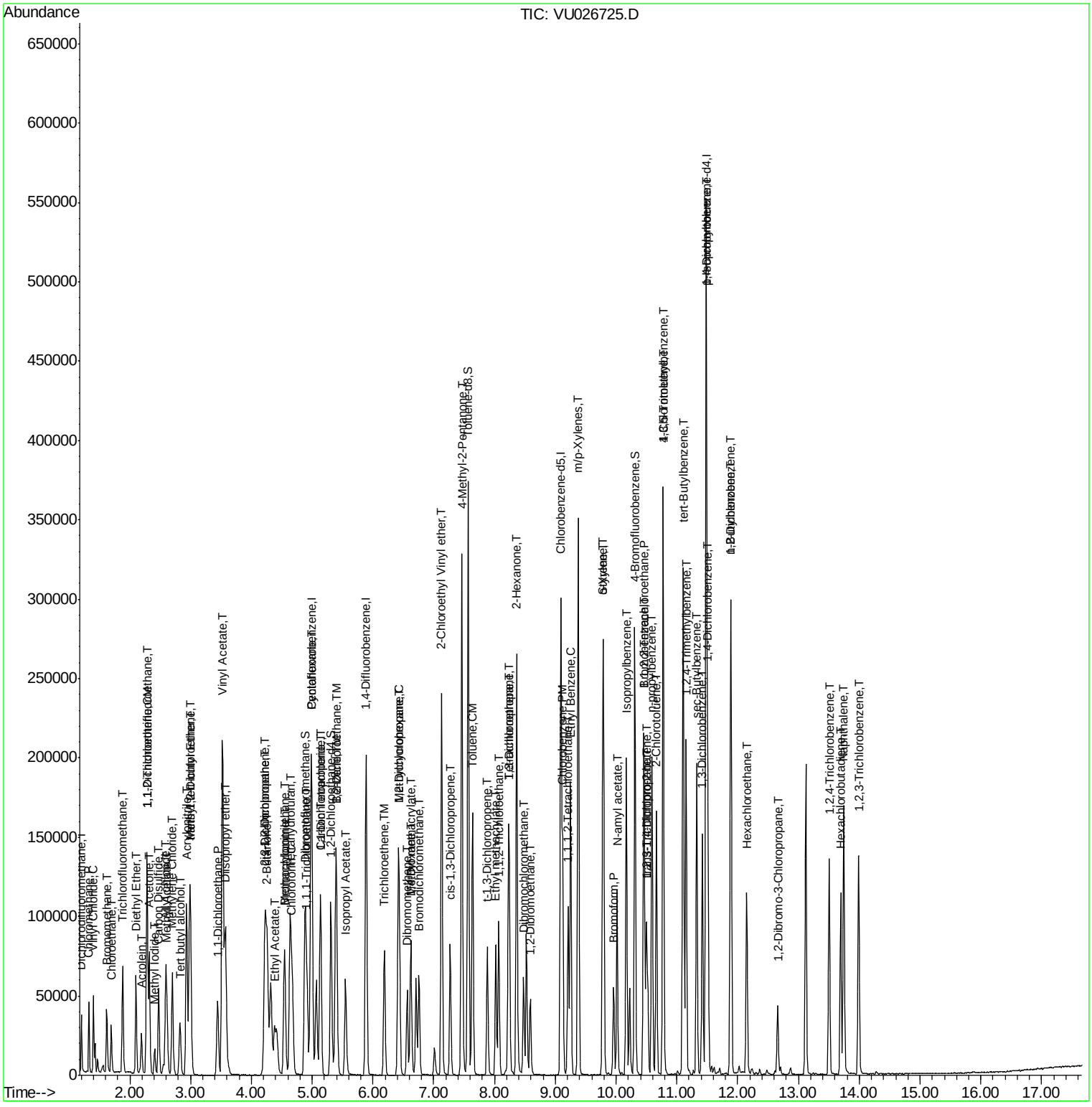
(#) = qualifier out of range (m) = manual integration (+) = signals summed

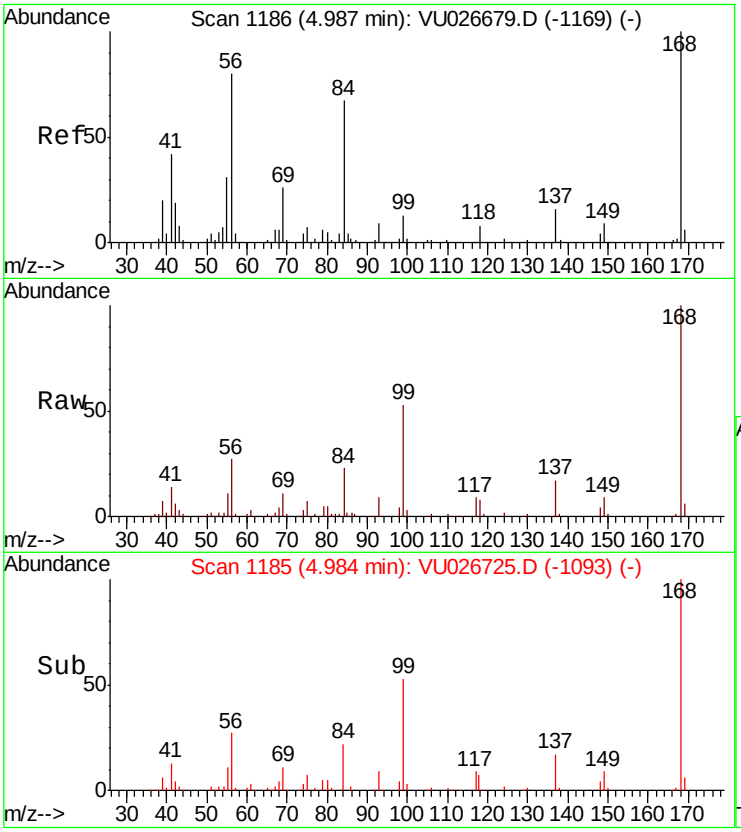
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091418\
Data File : VU026725.D
Acq On : 13 Sep 2018 11:06
Operator : MD/SY
Sample : VU0914MBSD01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0914MBSD01

Quant Time: Sep 14 00:58:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U091218W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 05:32:45 2018
Response via : Initial Calibration



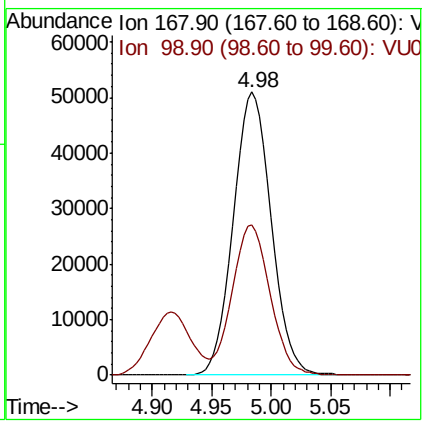


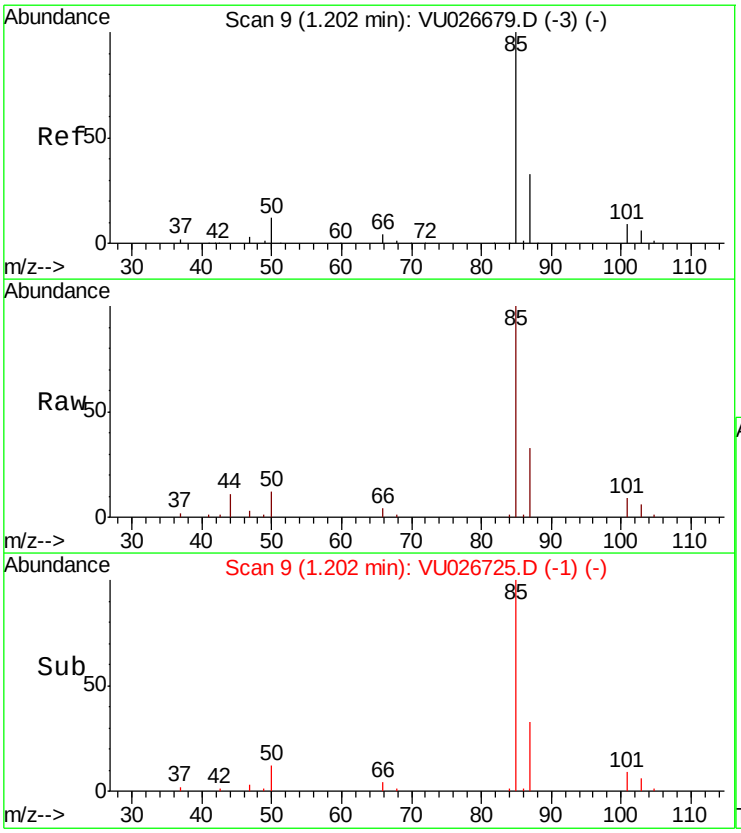

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0914MBSD01

Tgt Ion:168 Resp: 112721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 52.6 | 42.0 | 63.0 |

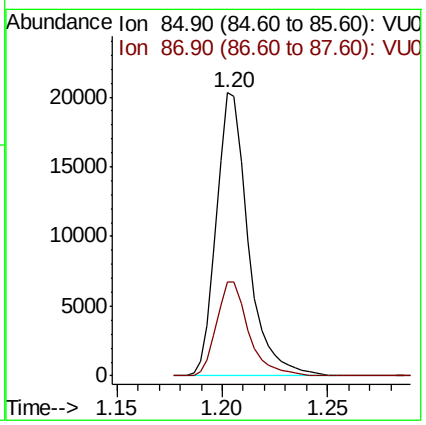


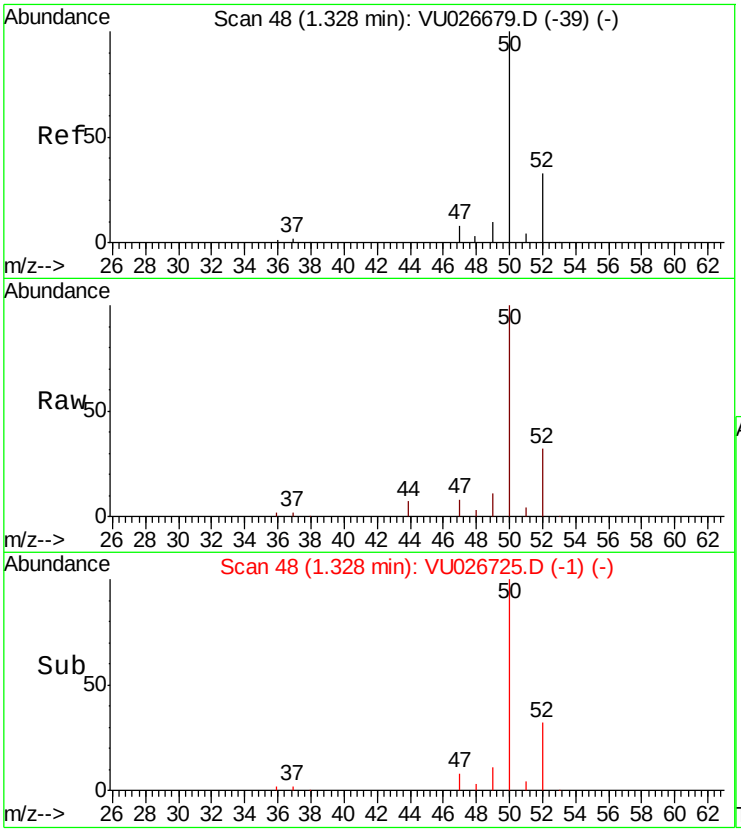




#2
Dichlorodifluoromethane
Concen: 17.515 ug/l
RT: 1.20 min Scan# 9
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion: 85 Resp: 21330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 33.0 | 16.6 | 49.7 |



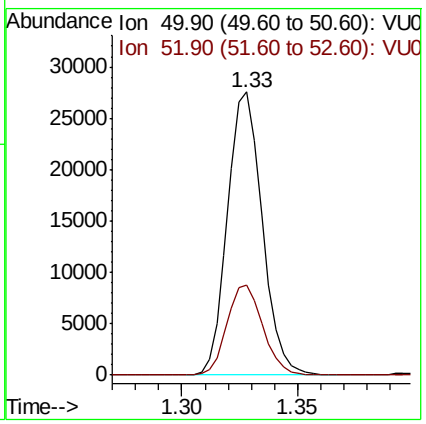


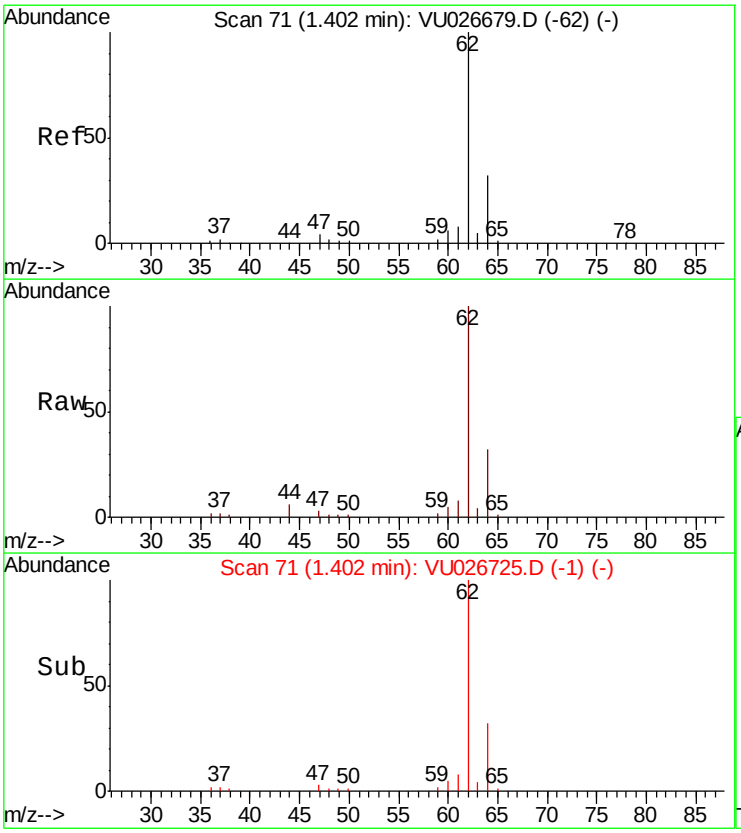

#3
Chloromethane
Concen: 16.825 ug/l
RT: 1.33 min Scan# 48
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0914MBSD01

Tgt Ion: 50 Resp: 28627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 31.7 | 26.3 | 39.5 |

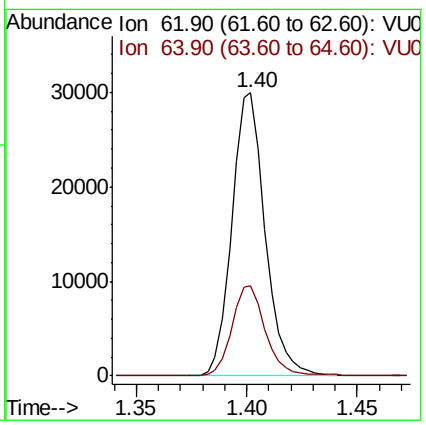


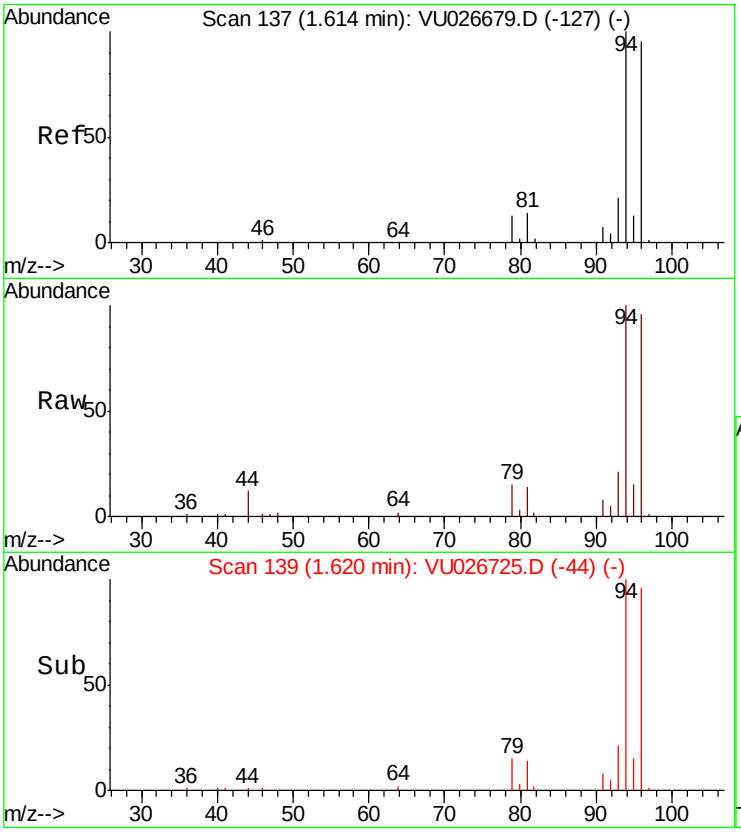




#4
Vinyl Chloride
Concen: 17.808 ug/l
RT: 1.40 min Scan# 71
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion: 62 Resp: 31400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.8 | 25.6 | 38.4 |



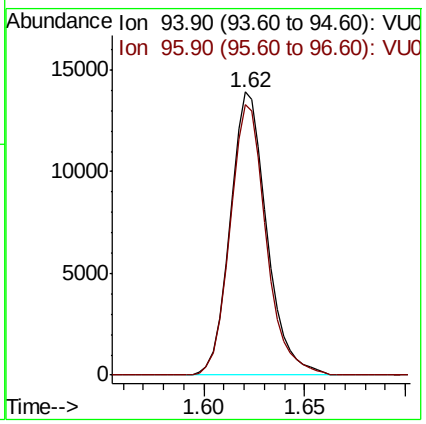


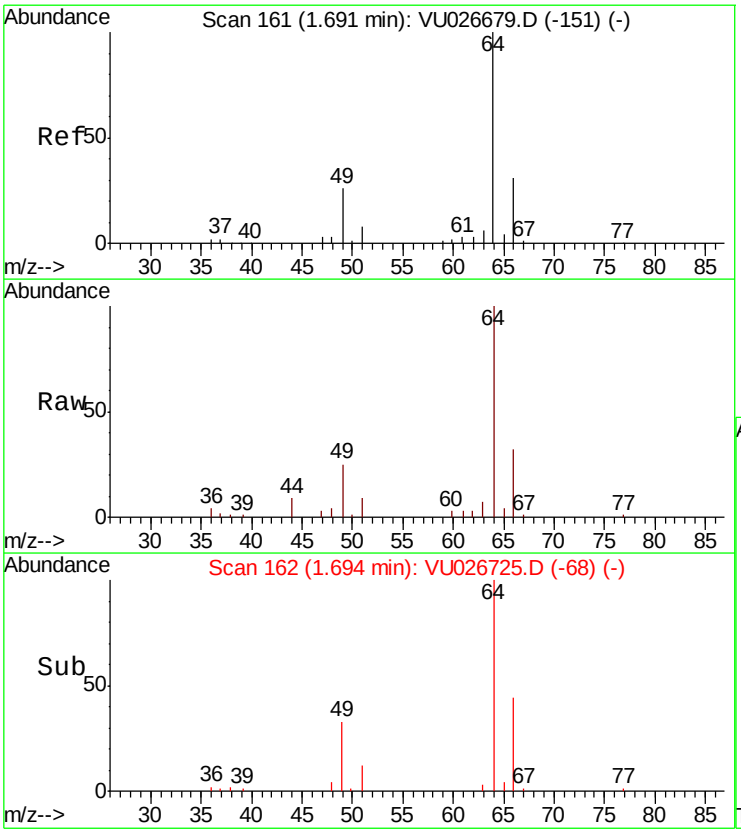

#5
Bromomethane
Concen: 15.990 ug/l
RT: 1.62 min Scan# 139
Delta R.T. 0.01 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0914MBSD01

Tgt Ion: 94 Resp: 17659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 95.7 | 75.8 | 113.6 |

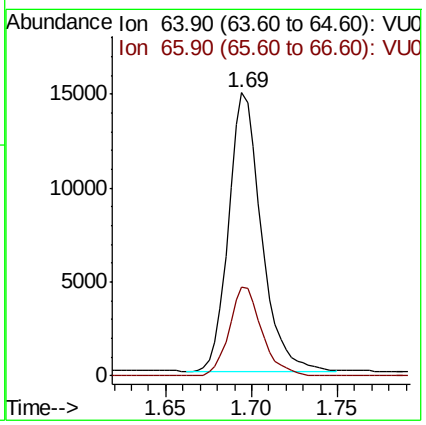


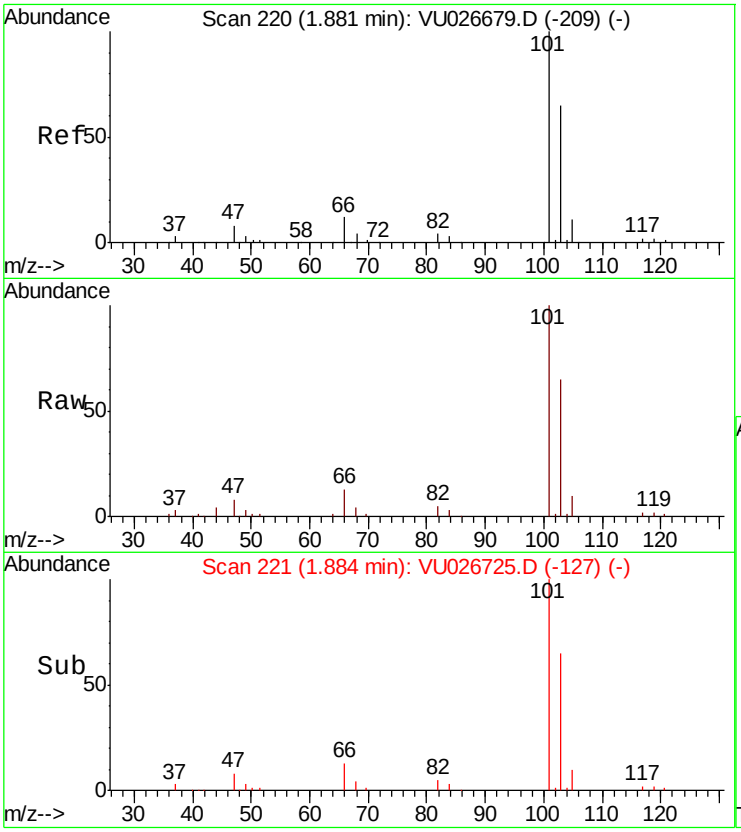




#6
Chloroethane
Concen: 17.664 ug/l
RT: 1.69 min Scan# 162
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion: 64 Resp: 19822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.1 | 24.7 | 37.1 |



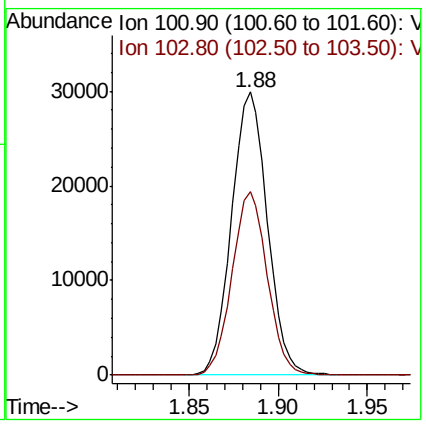


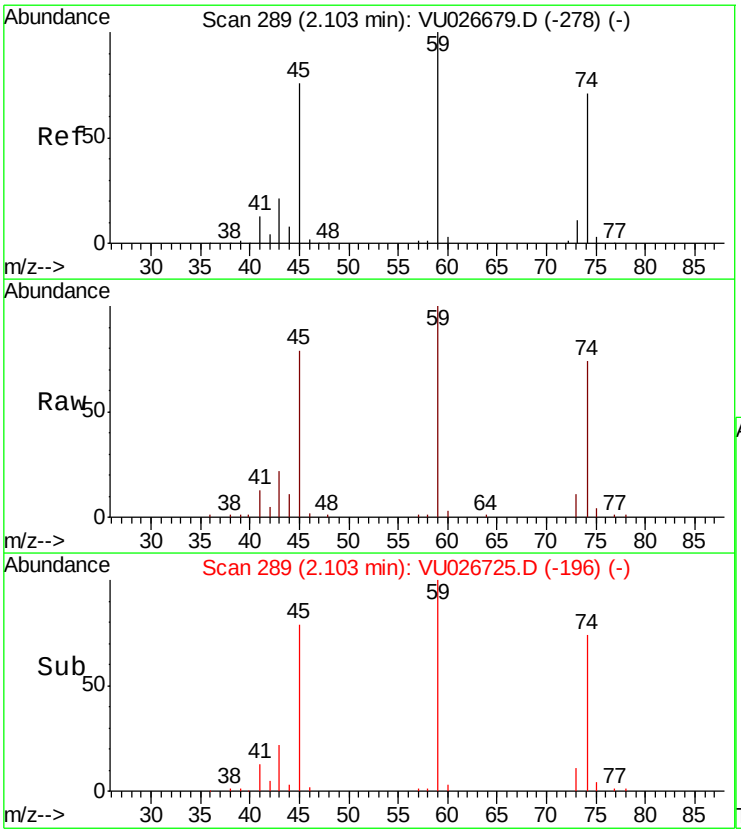

#7
Trichlorofluoromethane
Concen: 18.077 ug/l
RT: 1.88 min Scan# 221
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0914MBSD01

Tgt Ion:101 Resp: 41668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.0 | 51.7 | 77.5 |

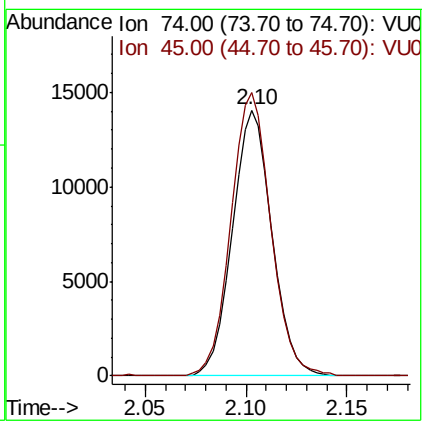


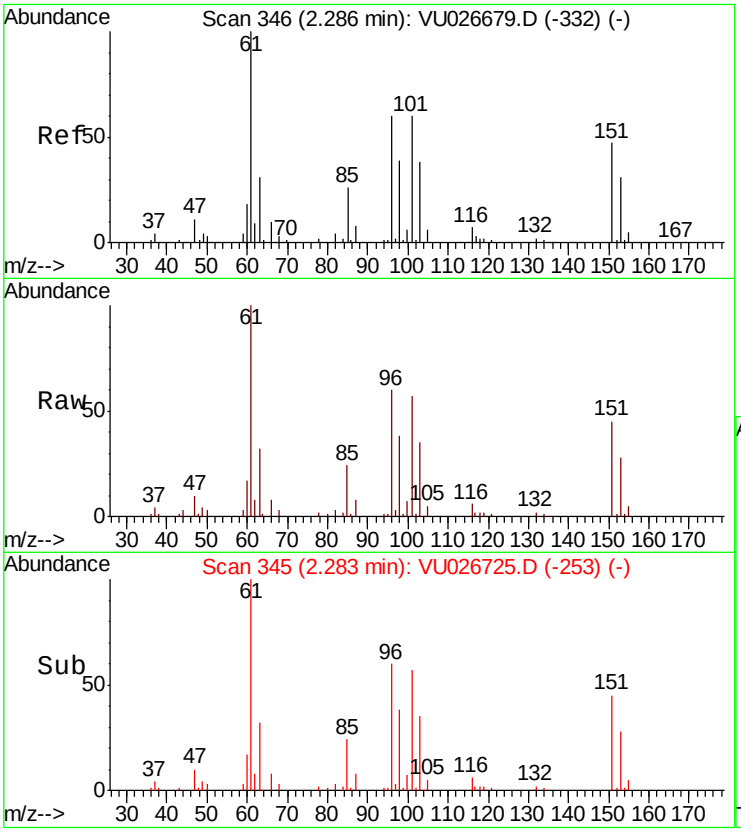




#8
Diethyl Ether
Concen: 19.126 ug/l
RT: 2.10 min Scan# 289
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion: 74 Resp: 19319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 107.8 | 53.6 | 160.8 |



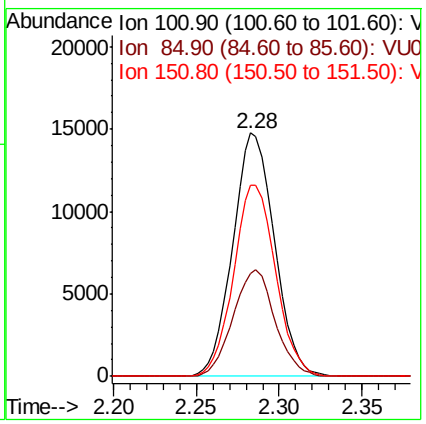


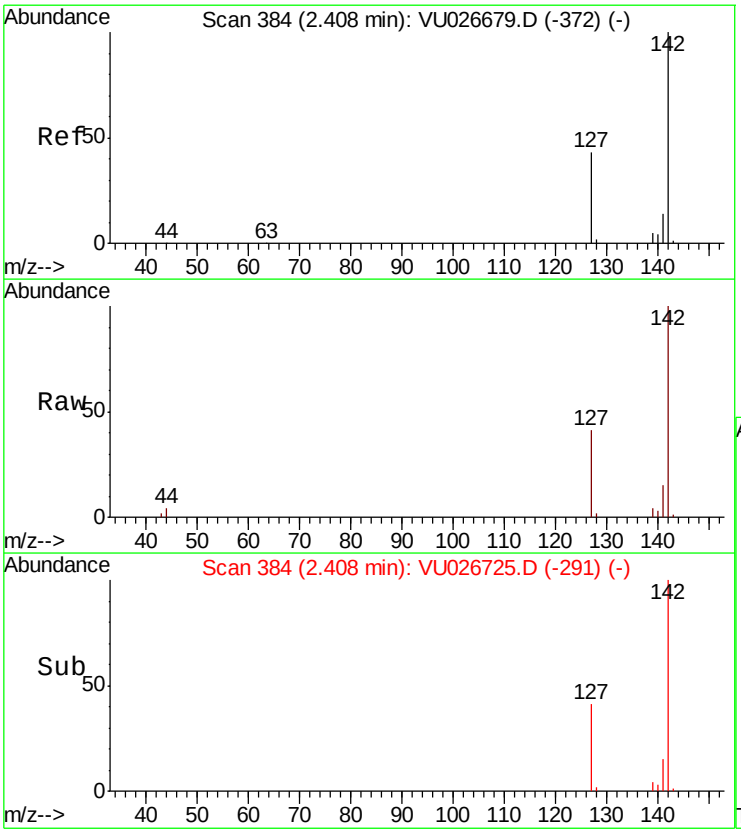

#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.876 ug/l
RT: 2.28 min Scan# 345
Delta R.T. -0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :** MSVOA_U
**ClientSampleId :** VU0914MBSD01

Tgt Ion:101 Resp: 25840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 43.9 | 34.6 | 52.0 |
| 151 | 79.1 | 62.7 | 94.1 |

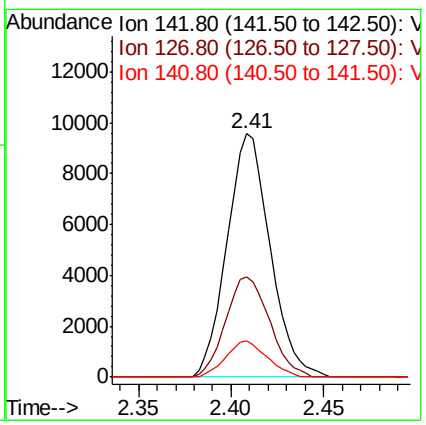


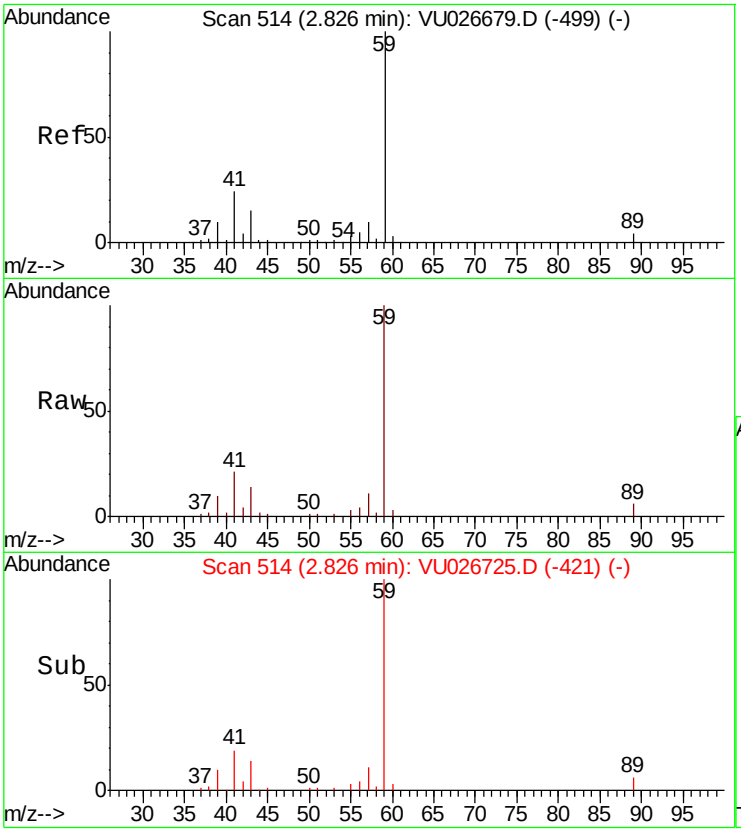




#10
Methyl Iodide
Concen: 19.393 ug/l
RT: 2.41 min Scan# 384
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion:142 Resp: 15487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 41.8 | 34.1 | 51.1 |
| 141 | 14.1 | 11.2 | 16.8 |



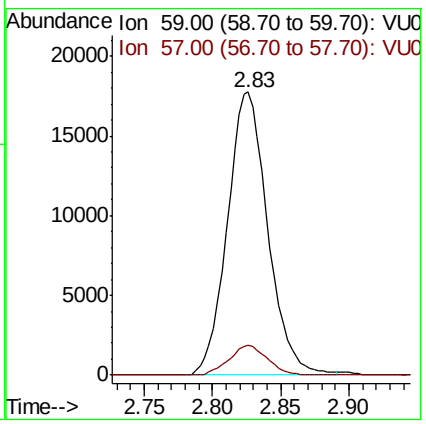


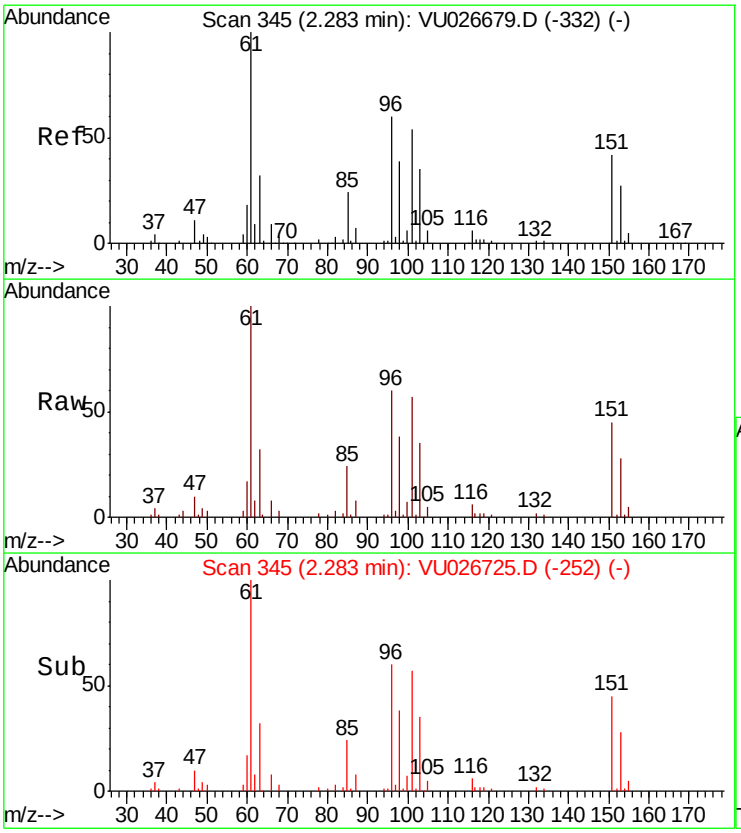

#11
Tert butyl alcohol
Concen: 87.368 ug/l
RT: 2.83 min Scan# 514
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0914MBSD01

Tgt Ion: 59 Resp: 36414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 9.9 | 8.0 | 12.0 |

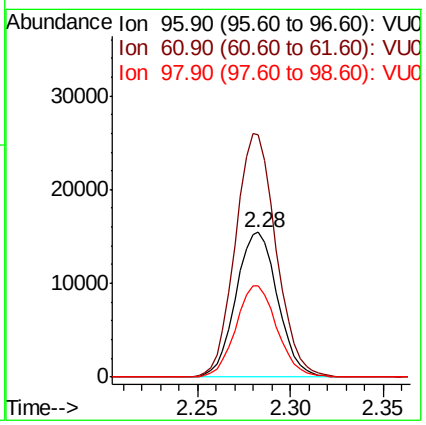


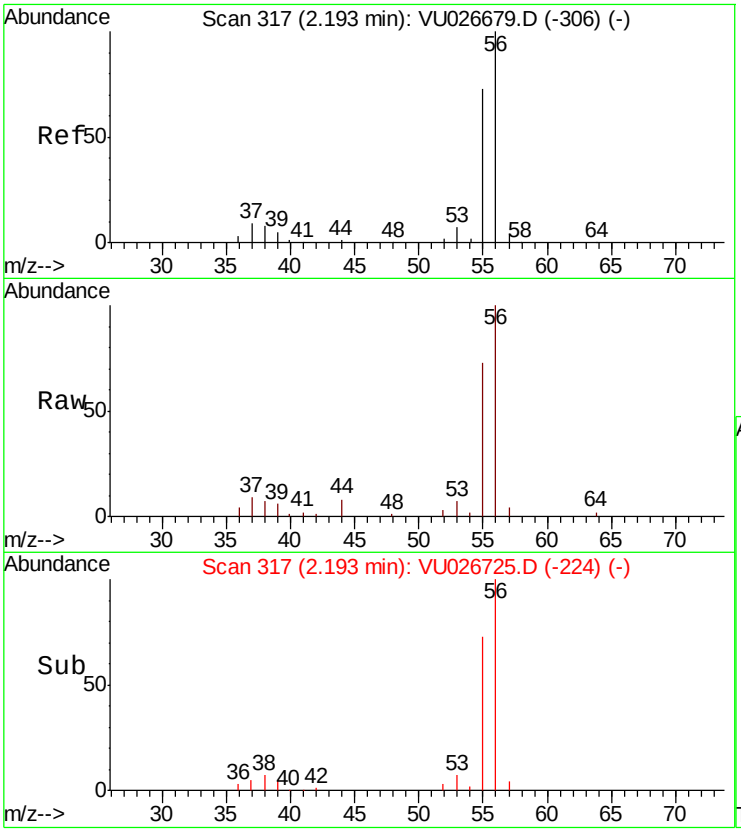




#12
1,1-Dichloroethene
Concen: 18.646 ug/l
RT: 2.28 min Scan# 345
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion: 96 Resp: 24130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 167.4 | 133.0 | 199.6 |
| 98 | 63.1 | 51.3 | 76.9 |



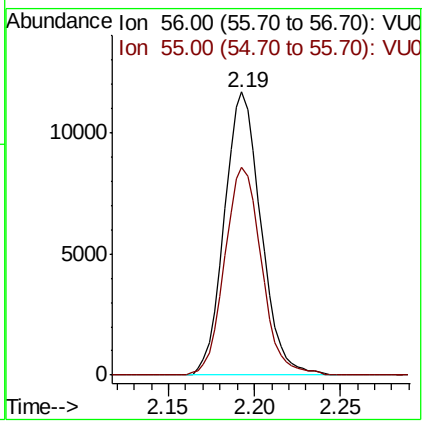


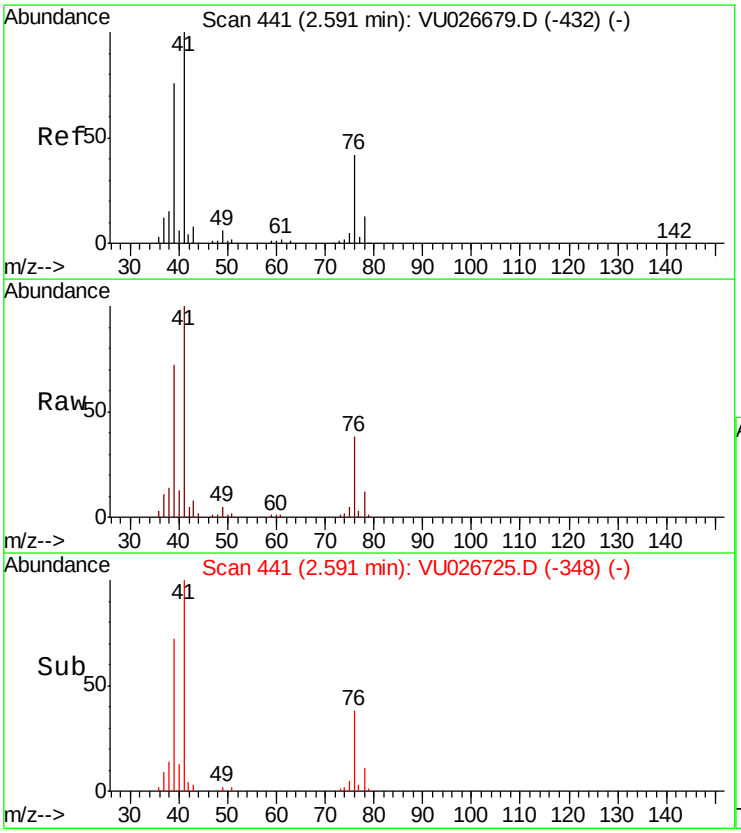

#13
Acrolein
Concen: 61.508 ug/l
RT: 2.19 min Scan# 317
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0914MBSD01

Tgt Ion: 56 Resp: 17276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 74.0 | 57.4 | 86.2 |

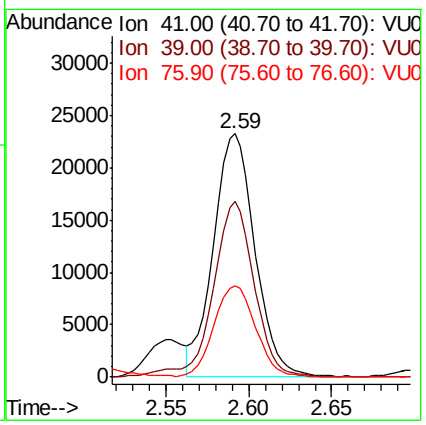


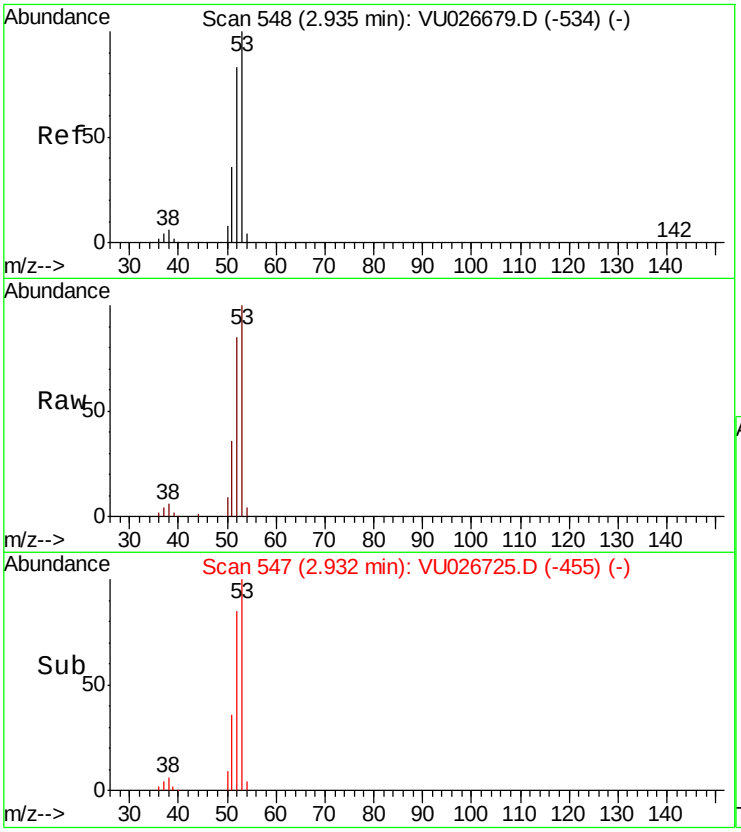




#14
Allyl chloride
Concen: 17.425 ug/l
RT: 2.59 min Scan# 441
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion: 41 Resp: 40613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 71.3 | 56.9 | 85.3 |
| 76 | 37.6 | 29.7 | 44.5 |



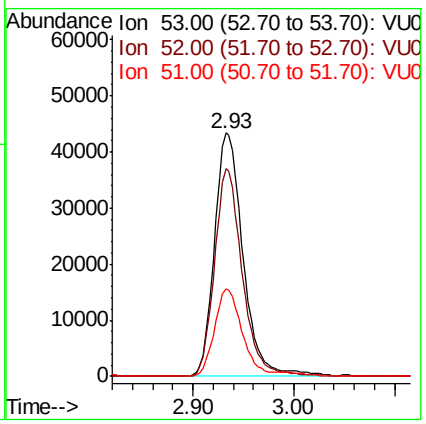


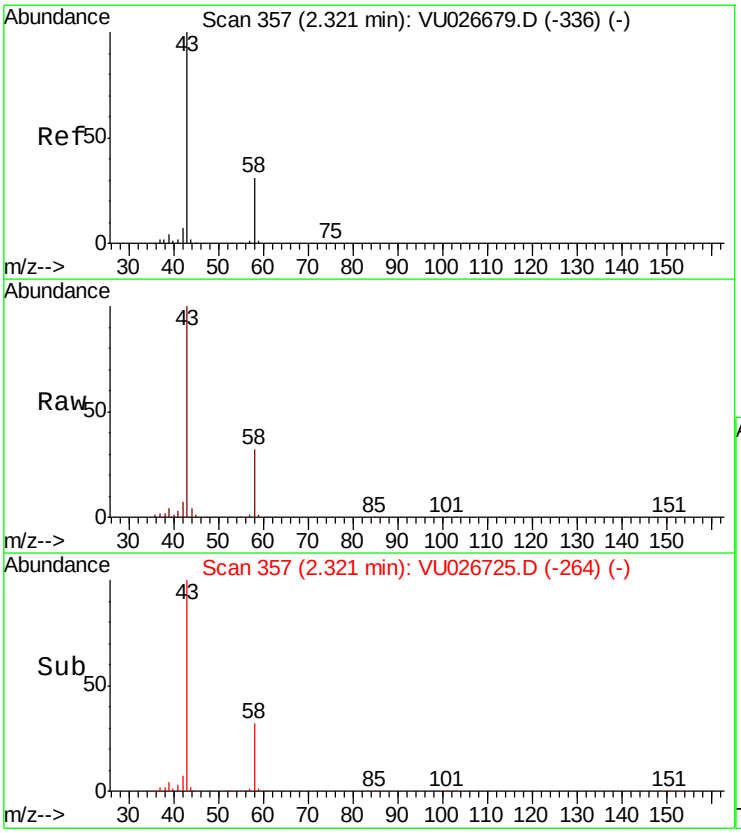

#15
Acrylonitrile
Concen: 95.988 ug/l
RT: 2.93 min Scan# 547
Delta R.T. -0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :** MSVOA_U
**ClientSampleId :** VU0914MBSD01

Tgt Ion: 53 Resp: 85797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 83.1 | 65.8 | 98.8 |
| 51 | 34.6 | 27.7 | 41.5 |

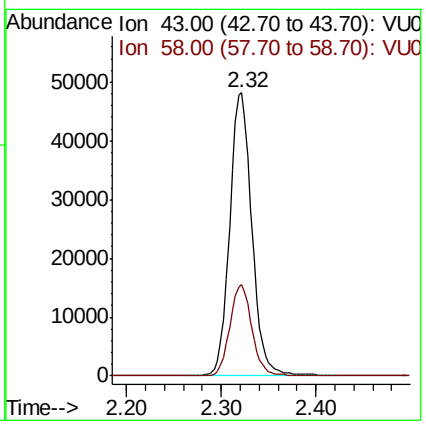


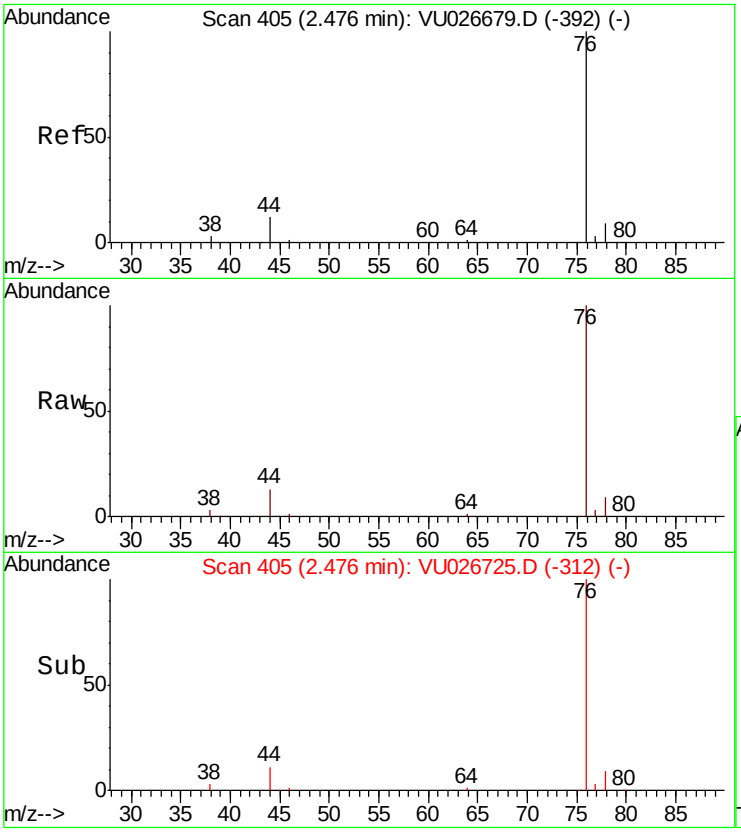




#16
Acetone
Concen: 81.326 ug/l
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion: 43 Resp: 78732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 32.2 | 25.1 | 37.7 |



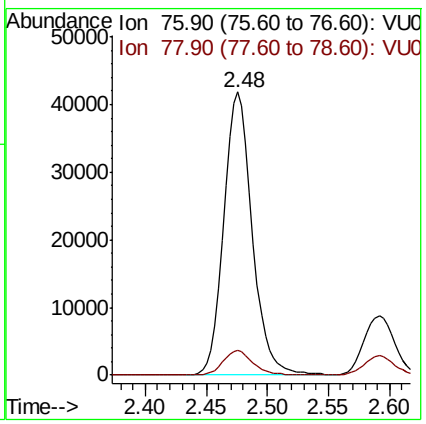


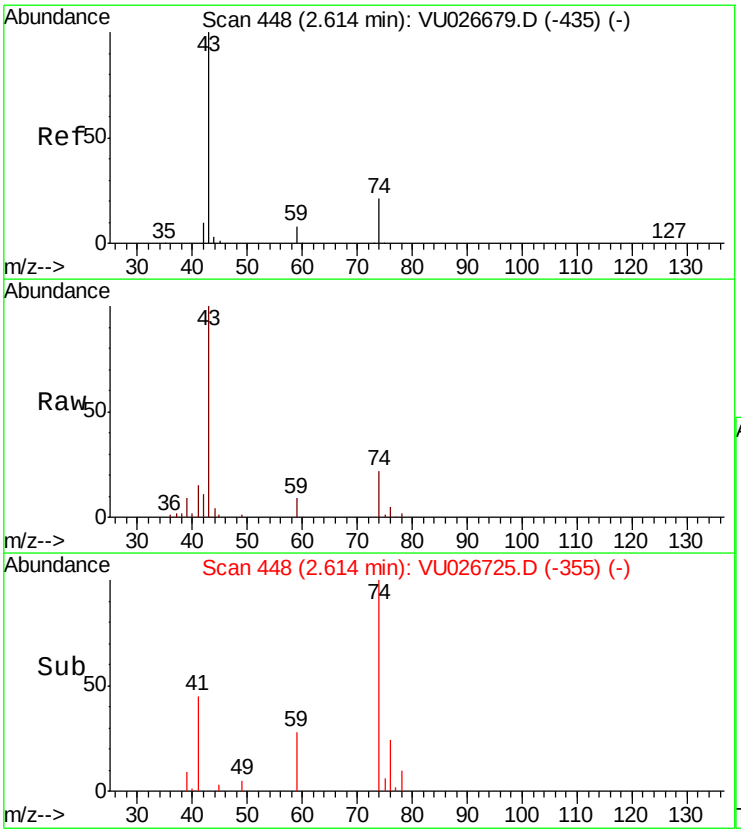

#17
Carbon Disulfide
Concen: 16.619 ug/l
RT: 2.48 min Scan# 405
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0914MBSD01

Tgt Ion: 76 Resp: 68428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.8 | 7.0 | 10.6 |

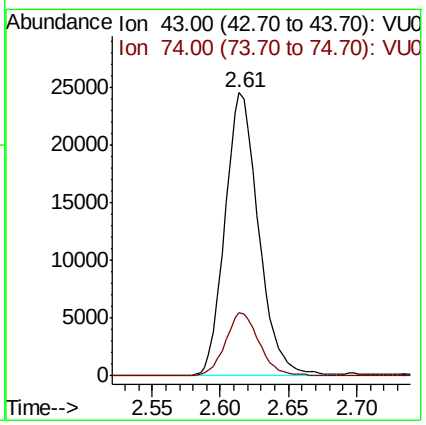


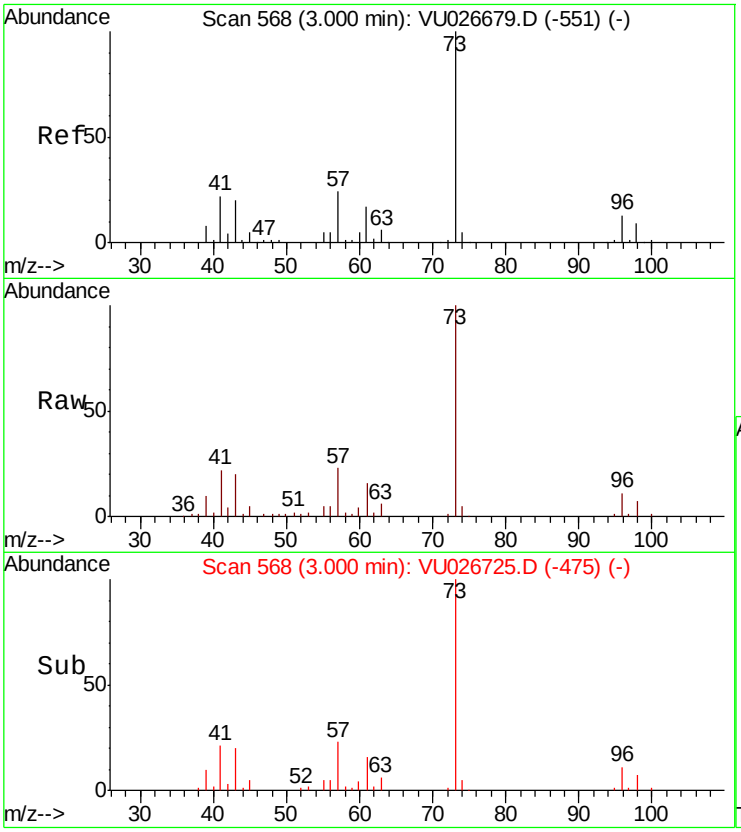




#18
Methyl Acetate
Concen: 20.163 ug/l
RT: 2.61 min Scan# 448
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion: 43 Resp: 42117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 22.2 | 17.7 | 26.5 |



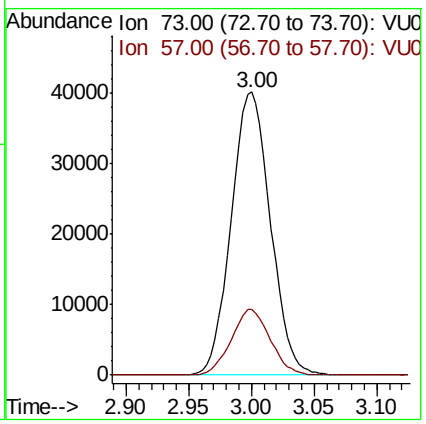


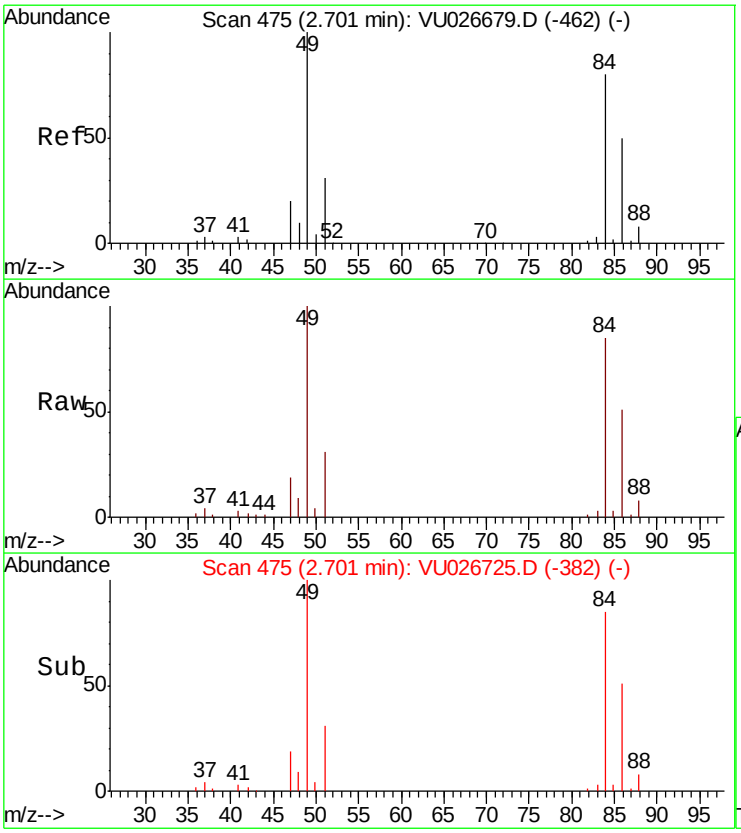

#19
Methyl tert-butyl Ether
Concen: 19.578 ug/l
RT: 3.00 min Scan# 568
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0914MBSD01

Tgt Ion: 73 Resp: 87234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 23.3 | 18.9 | 28.3 |

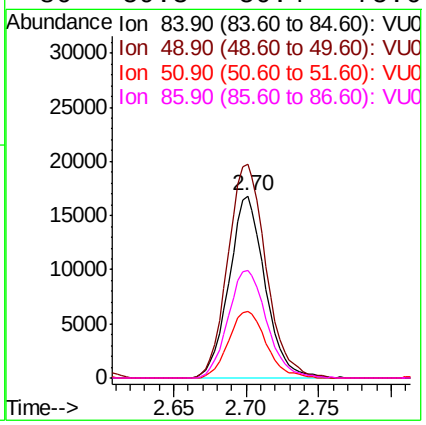


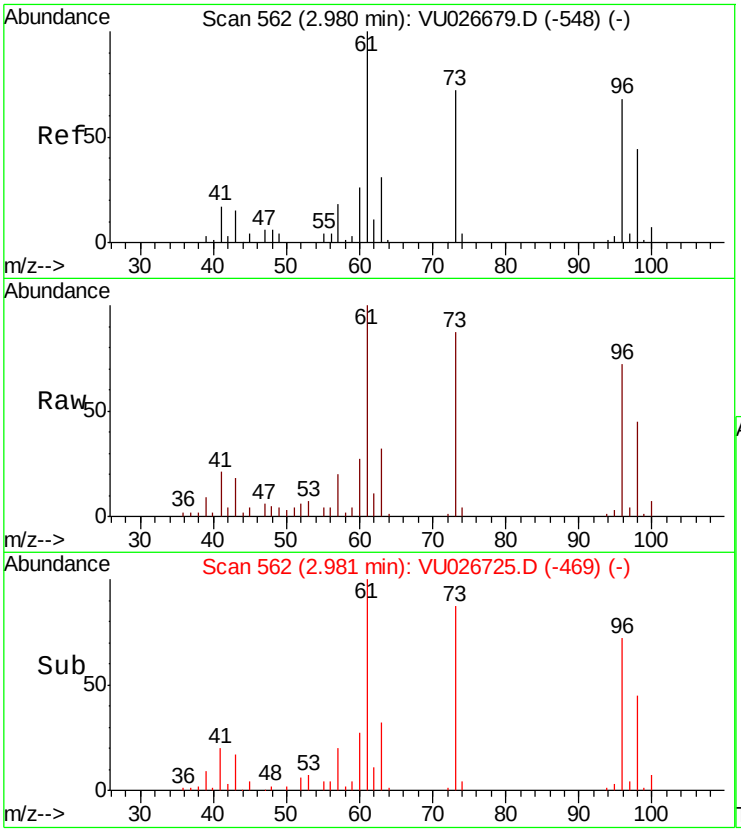




#20
Methylene Chloride
Concen: 18.414 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion: 84 Resp: 28916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 117.4 | 100.6 | 151.0 |
| 51 | 36.9 | 30.9 | 46.3 |
| 86 | 59.3 | 50.4 | 75.6 |



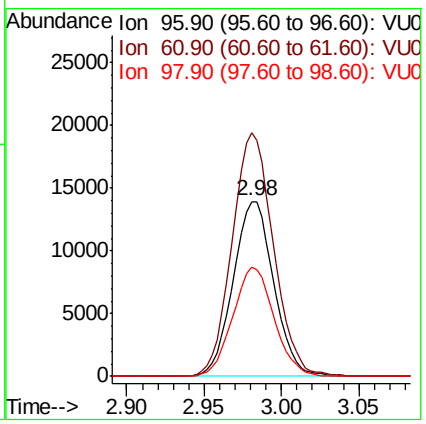


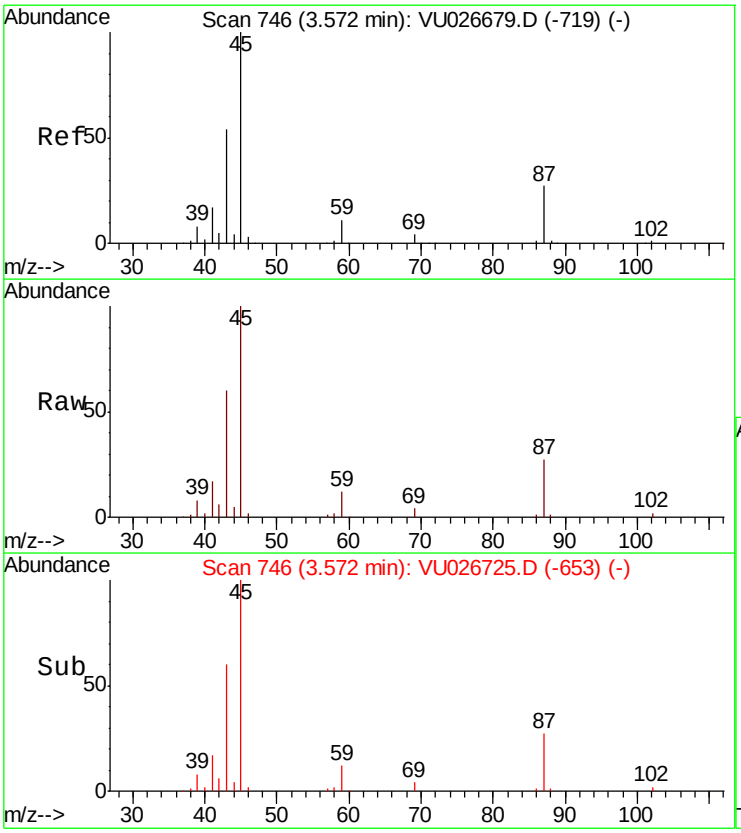

#21
trans-1,2-Dichloroethene
Concen: 18.600 ug/l
RT: 2.98 min Scan# 562
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0914MBSD01

Tgt Ion: 96 Resp: 25357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 139.2 | 117.7 | 176.5 |
| 98 | 62.1 | 52.0 | 78.0 |

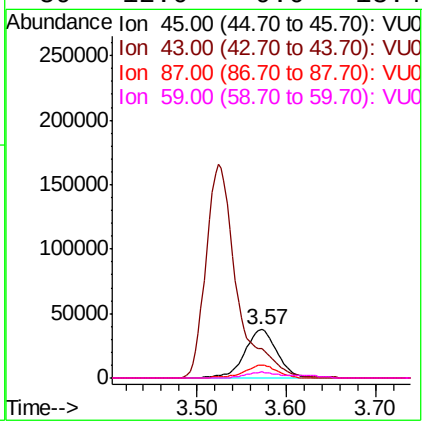


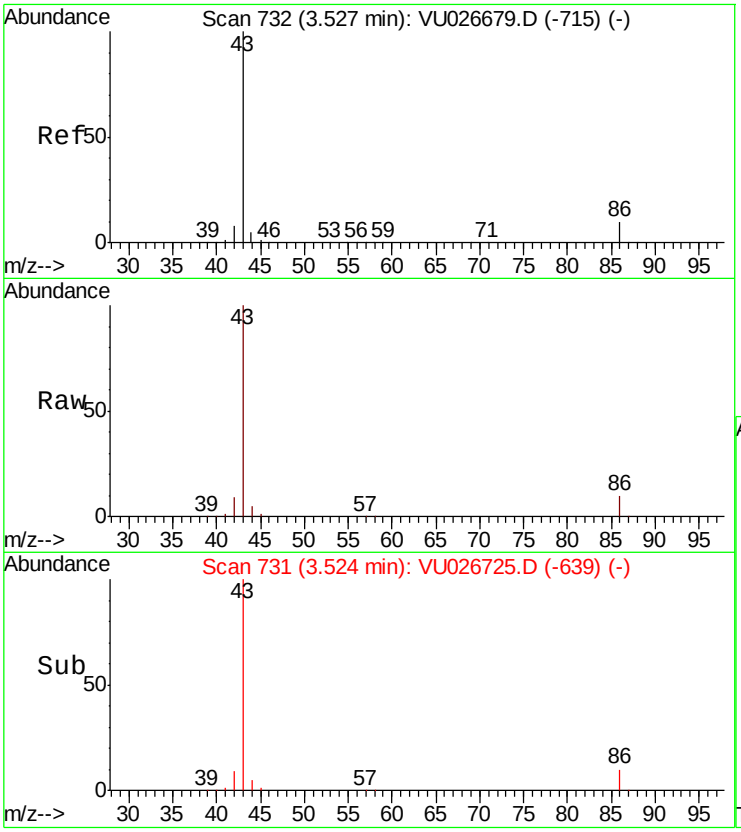




#22
Diisopropyl ether
Concen: 19.674 ug/l
RT: 3.57 min Scan# 746
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion: 45 Resp: 95705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 58.5 | 44.6 | 67.0 |
| 87 | 26.6 | 21.4 | 32.0 |
| 59 | 12.0 | 9.0 | 13.4 |



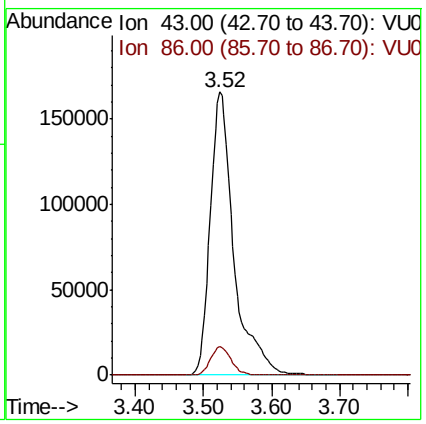


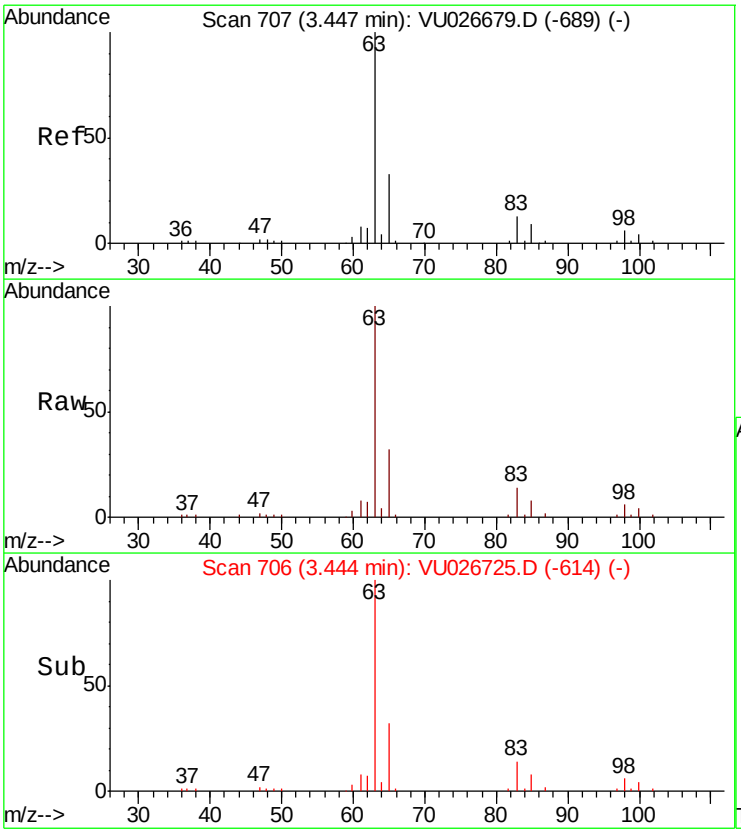

#23
Vinyl Acetate
Concen: 96.805 ug/l
RT: 3.52 min Scan# 731
Delta R.T. -0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :** MSVOA_U
**ClientSampleId :** VU0914MBSD01

Tgt Ion: 43 Resp: 400013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 10.0 | 7.8 | 11.8 |

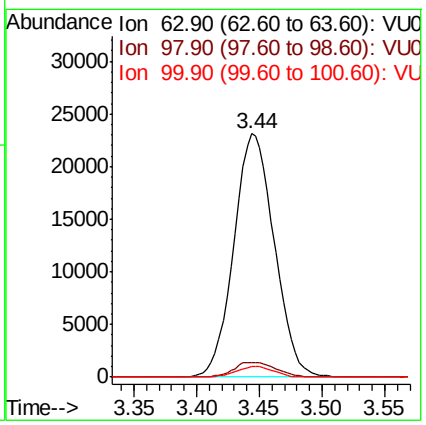


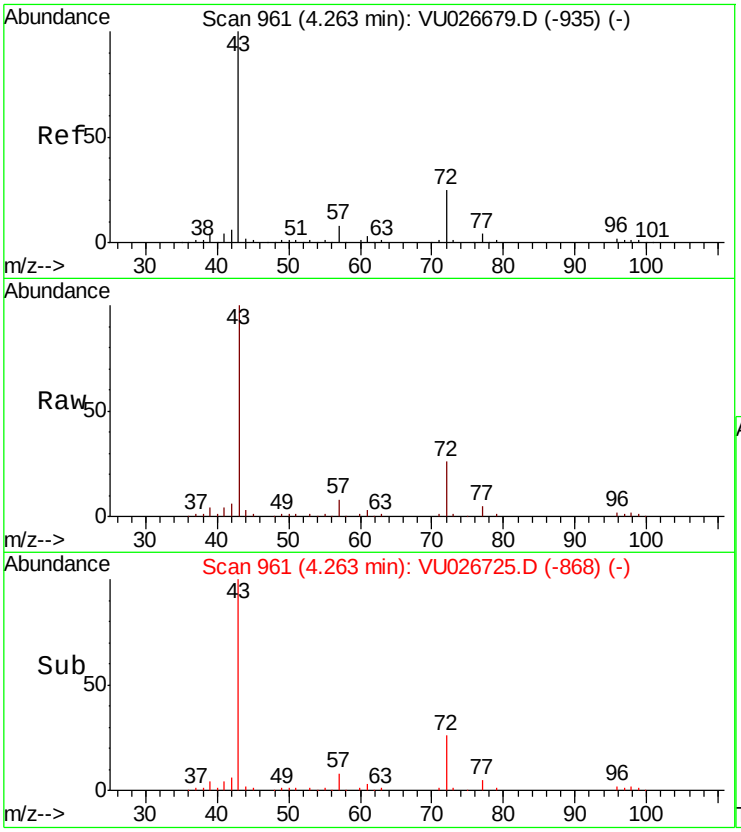




#24
1,1-Dichloroethane
Concen: 18.896 ug/l
RT: 3.44 min Scan# 706
Delta R.T. -0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion: 63 Resp: 51852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.0 | 3.1 | 9.4 |
| 100 | 4.3 | 2.0 | 6.0 |



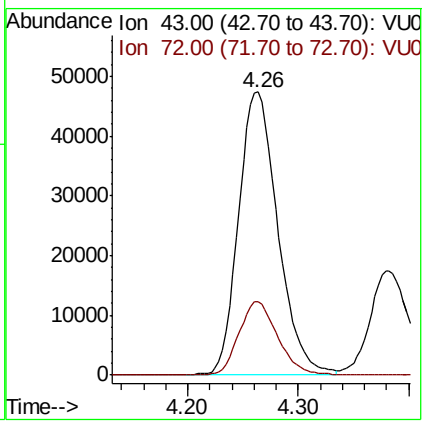


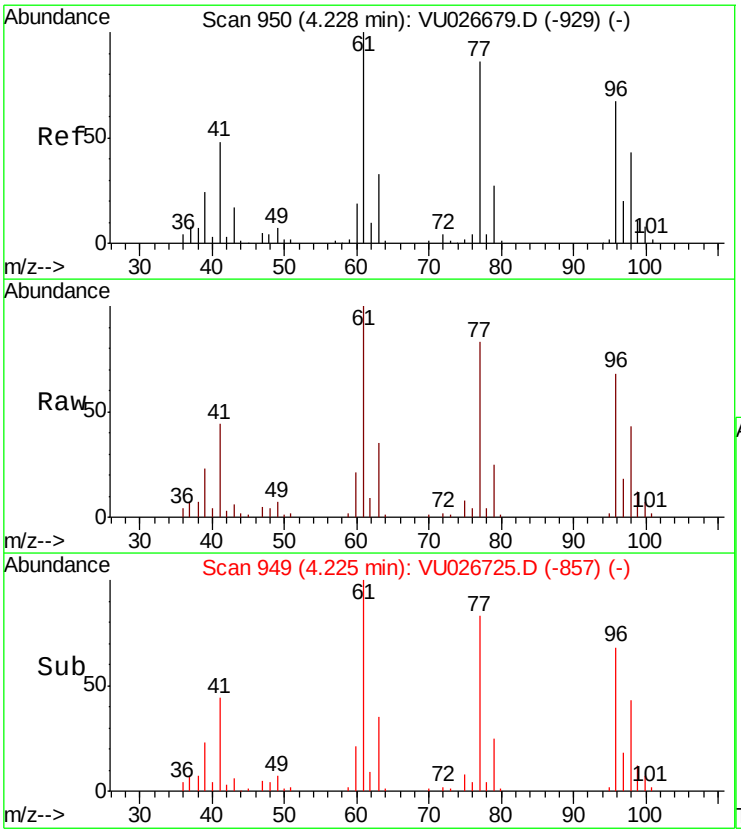

#25
2-Butanone
Concen: 89.136 ug/l
RT: 4.26 min Scan# 961
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0914MBSD01

Tgt Ion: 43 Resp: 116239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 26.2 | 20.3 | 30.5 |

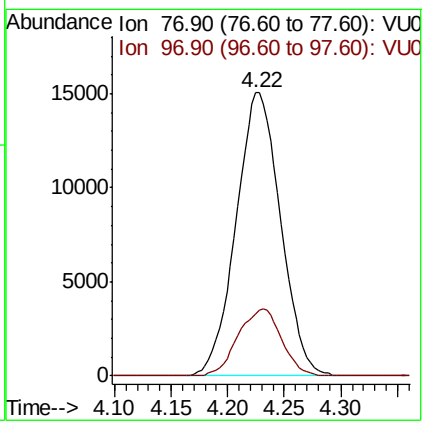


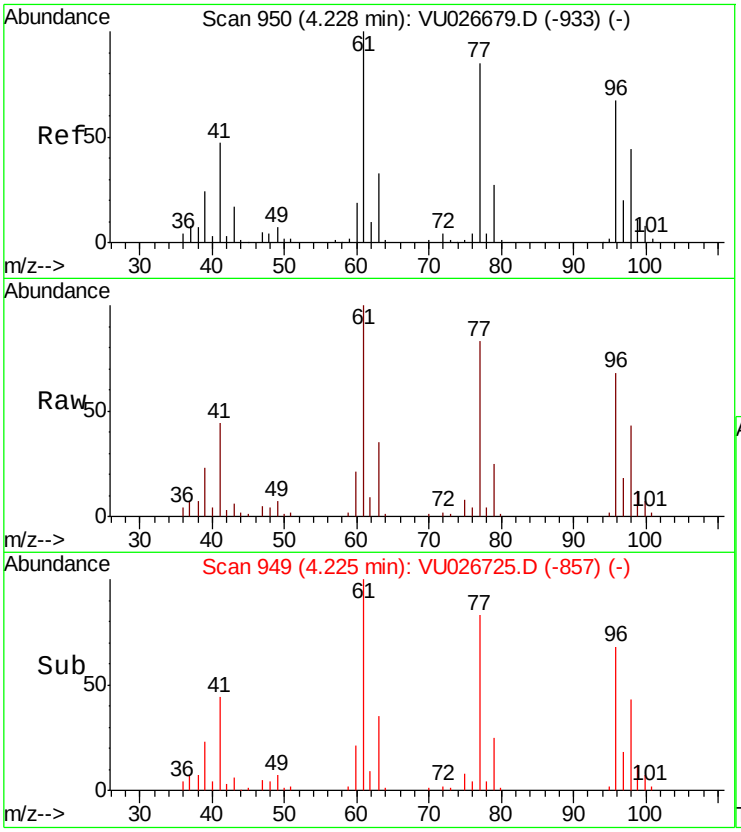




#26
2,2-Dichloropropane
Concen: 18.235 ug/l
RT: 4.22 min Scan# 949
Delta R.T. -0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion: 77 Resp: 41129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 23.1 | 11.6 | 34.8 |



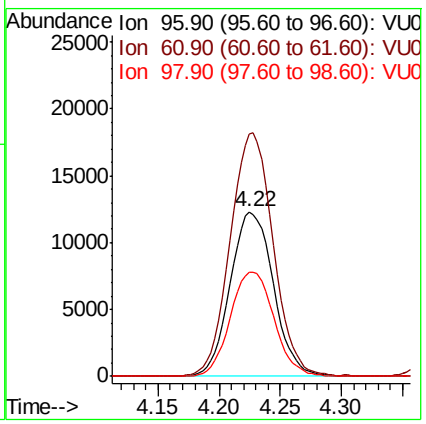


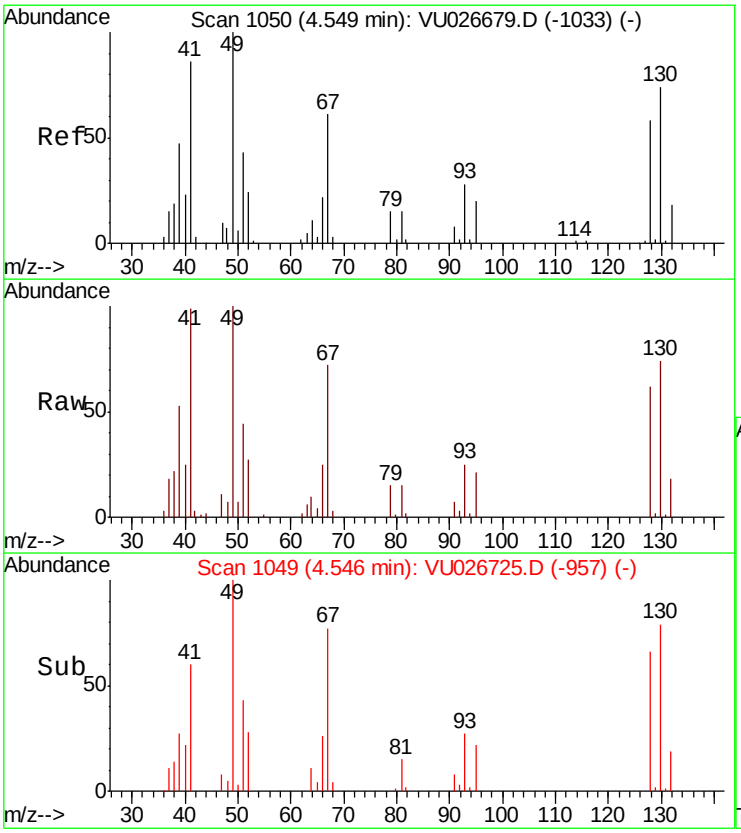

#27
cis-1,2-Dichloroethene
Concen: 19.167 ug/l
RT: 4.22 min Scan# 949
Delta R.T. -0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0914MBSD01

Tgt Ion: 96 Resp: 30116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 147.3 | 0.0 | 301.8 |
| 98 | 64.2 | 0.0 | 127.2 |

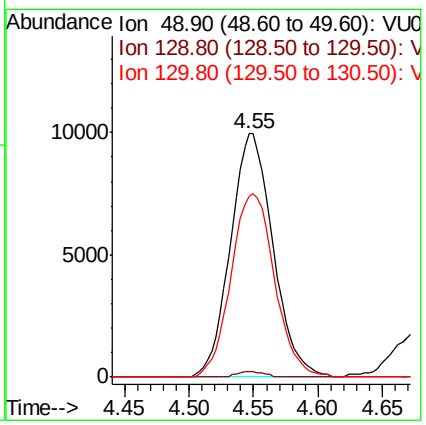


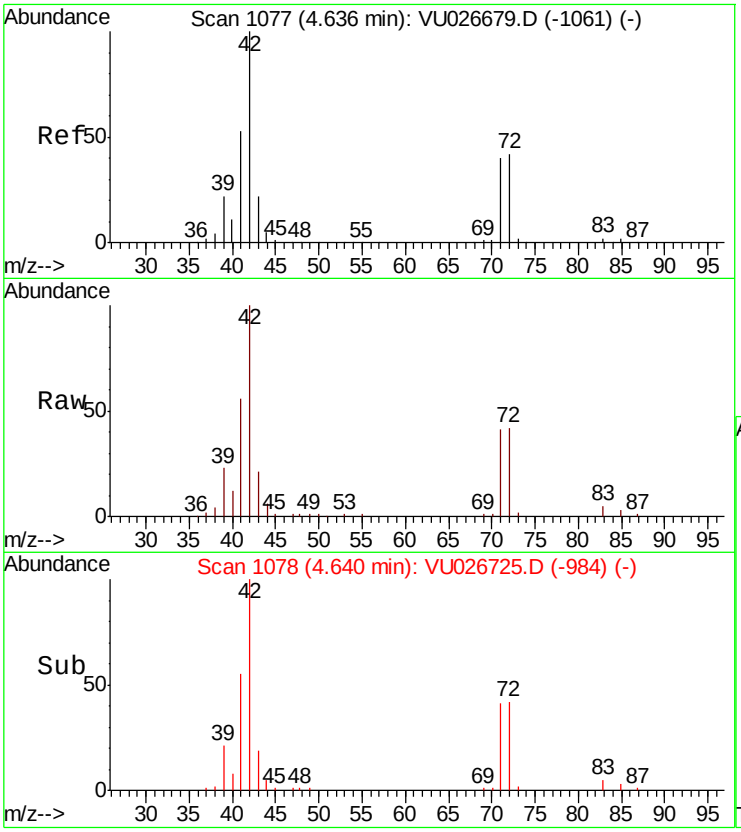




#28
Bromochloromethane
Concen: 17.435 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion: 49 Resp: 22878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.4 | 0.0 | 3.8 |
| 130 | 77.1 | 59.8 | 89.6 |



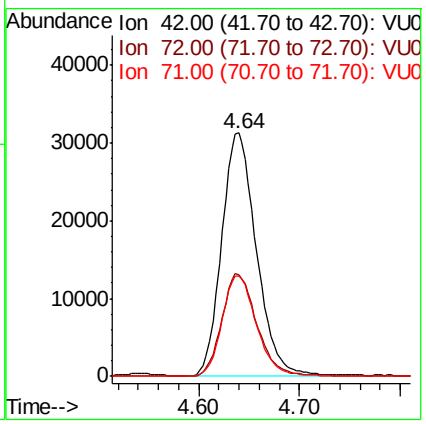


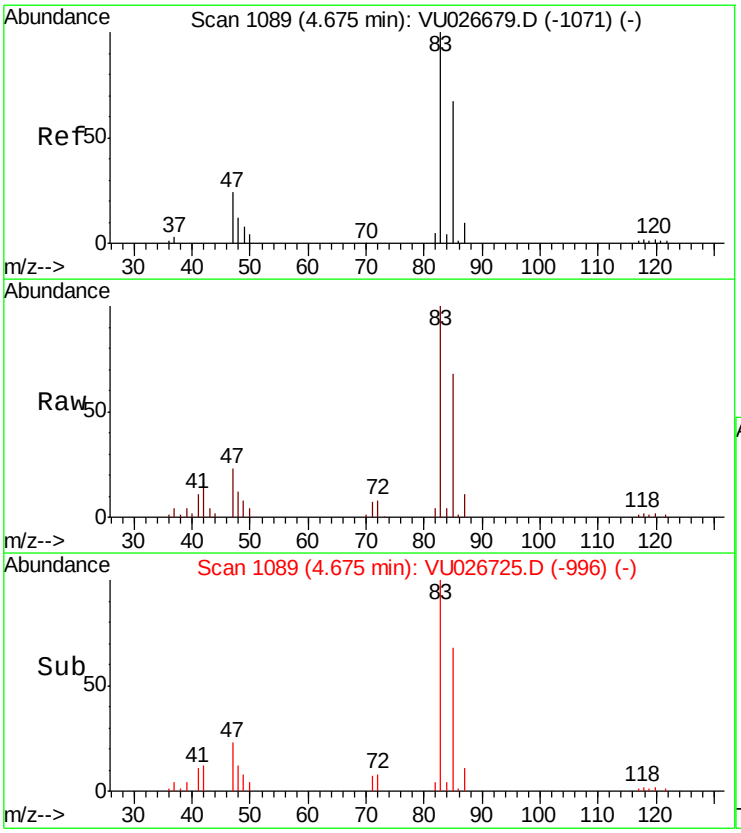

#29
Tetrahydrofuran
Concen: 95.832 ug/l
RT: 4.64 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0914MBSD01

Tgt Ion: 42 Resp: 75345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 42.5 | 34.4 | 51.6 |
| 71 | 40.7 | 32.4 | 48.6 |

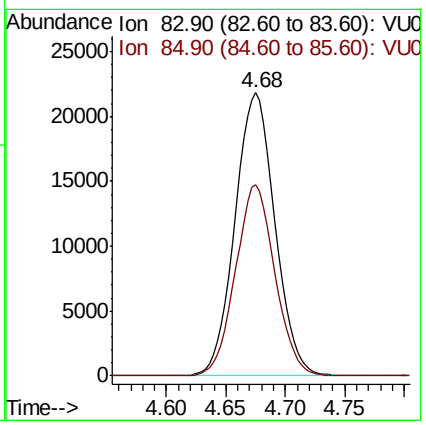


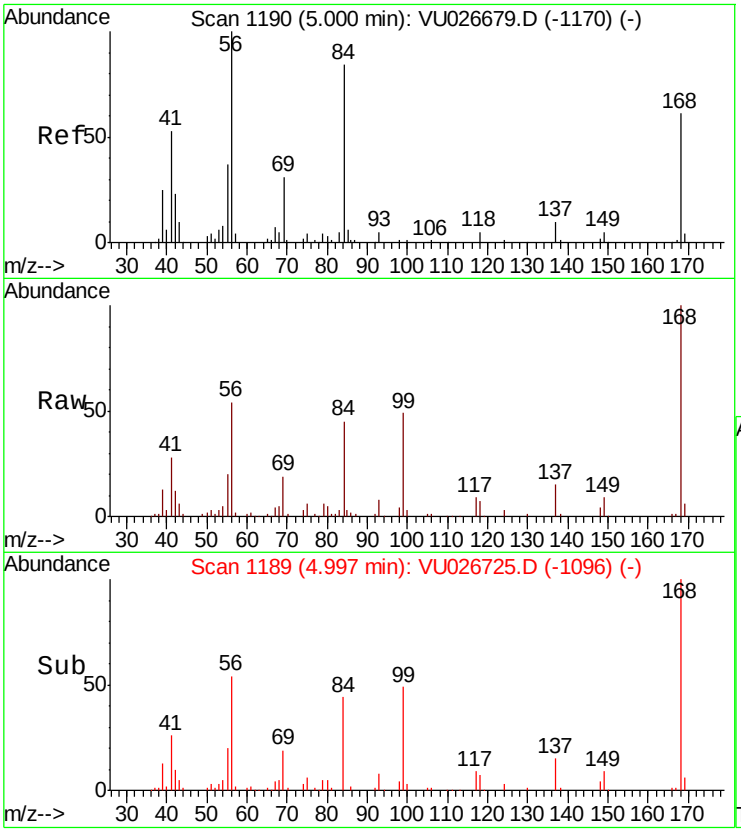




#30
Chloroform
Concen: 18.814 ug/l
RT: 4.68 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion: 83 Resp: 50767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 67.8 | 53.3 | 79.9 |



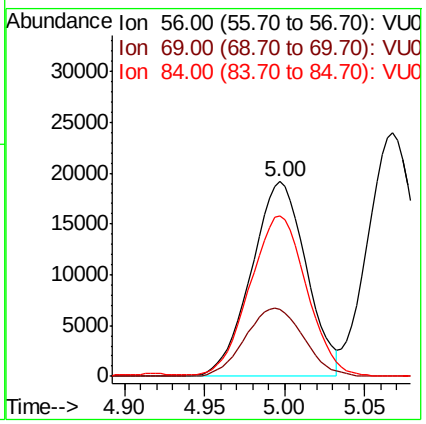


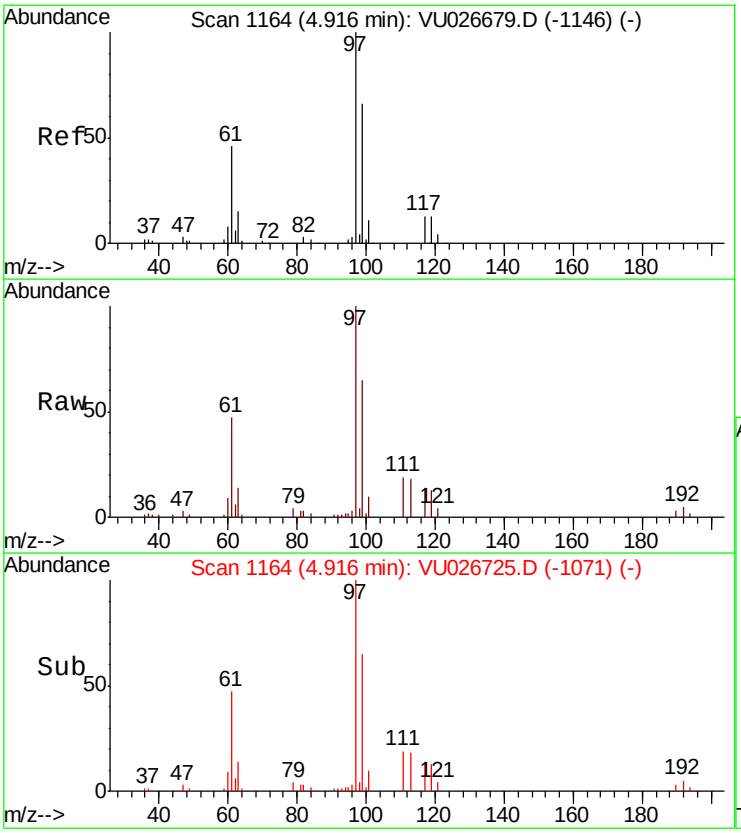

#31
Cyclohexane
Concen: 18.029 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :** MSVOA_U
**ClientSampleId :** VU0914MBSD01

Tgt Ion: 56 Resp: 45475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 34.3 | 24.9 | 37.3 |
| 84 | 81.8 | 66.6 | 100.0 |

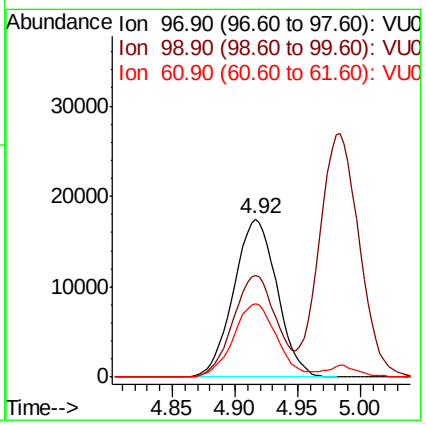


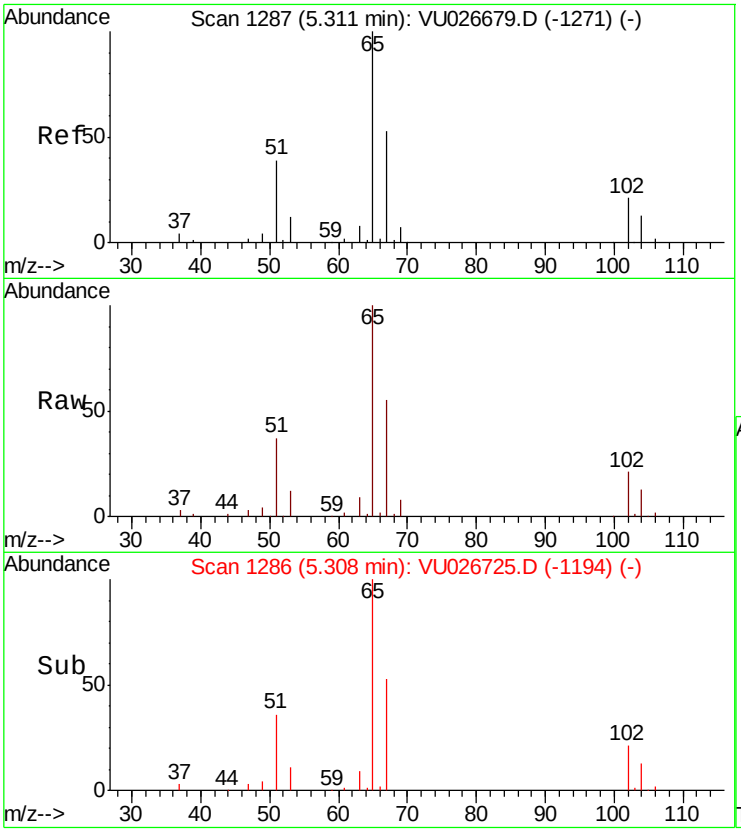




#32
1,1,1-Trichloroethane
Concen: 18.869 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion: 97 Resp: 42158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.6 | 52.2 | 78.2 |
| 61 | 46.4 | 36.8 | 55.2 |



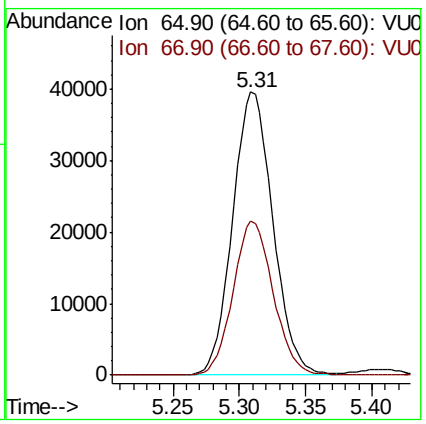


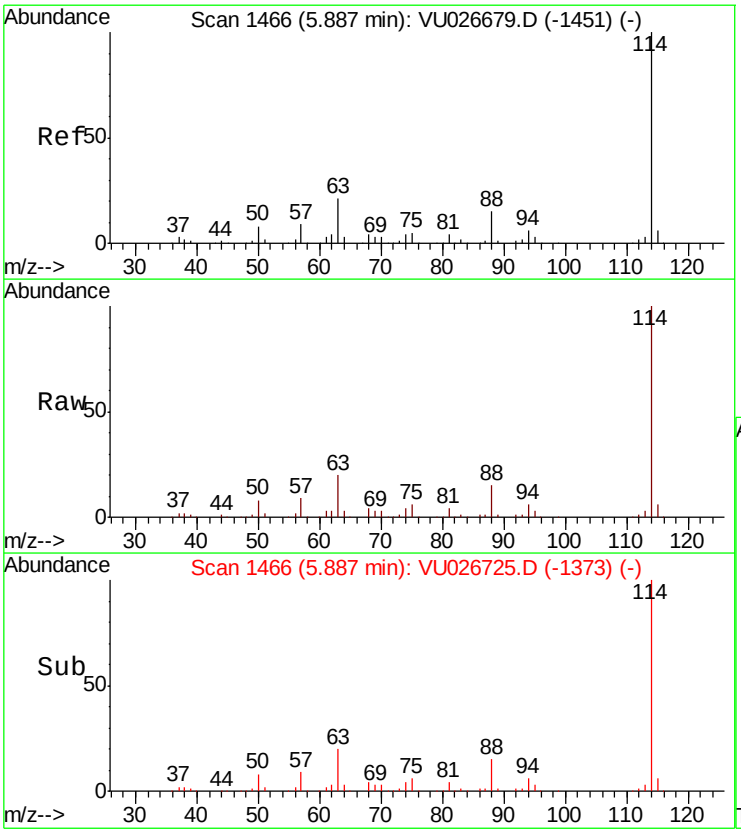

#33
1,2-Dichloroethane-d4
Concen: 49.006 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :** MSVOA_U
**ClientSampleId :** VU0914MBSD01

Tgt Ion: 65 Resp: 83796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.9 | 0.0 | 106.4 |

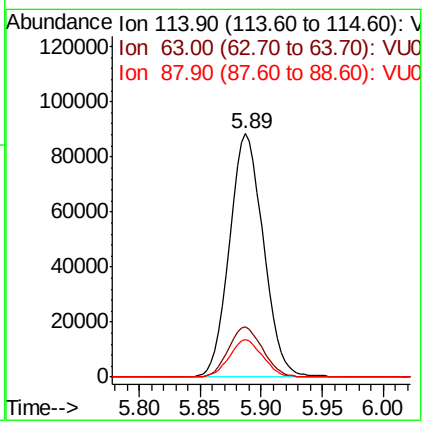


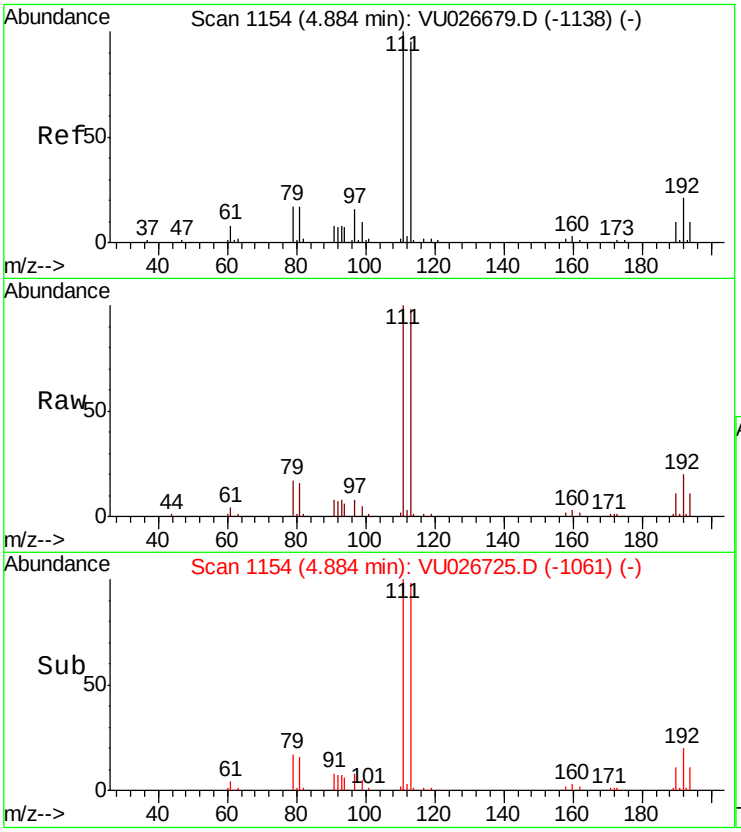




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1466
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion:114 Resp: 170971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.4 | 0.0 | 41.4 |
| 88 | 15.4 | 0.0 | 30.8 |



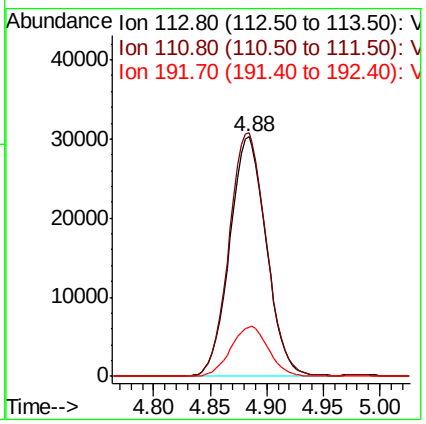


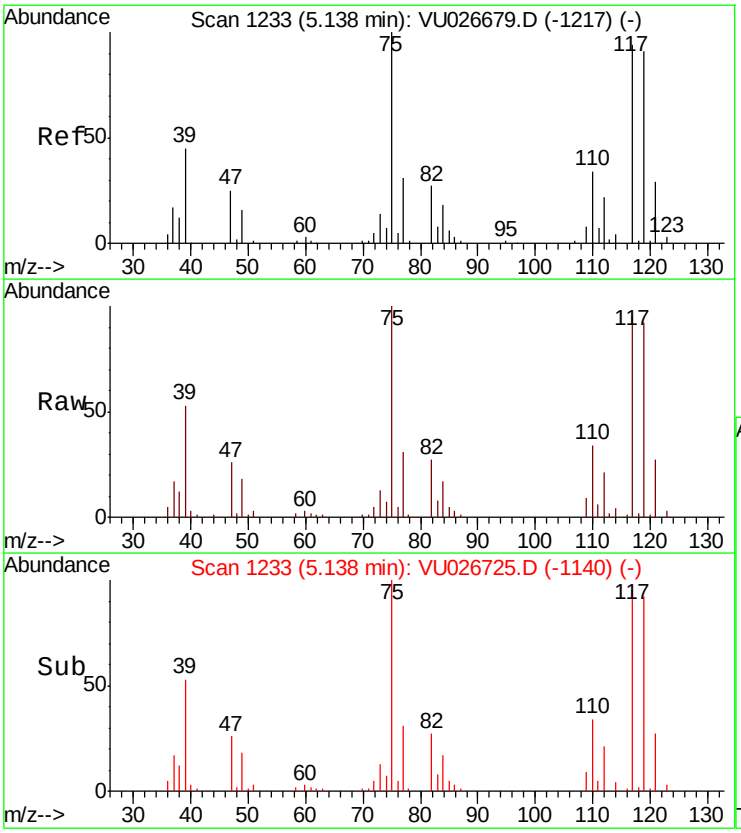

#35
Dibromofluoromethane
Concen: 49.021 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0914MBSD01

Tgt Ion:113 Resp: 68365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.0 | 83.1 | 124.7 |
| 192 | 21.2 | 17.4 | 26.2 |

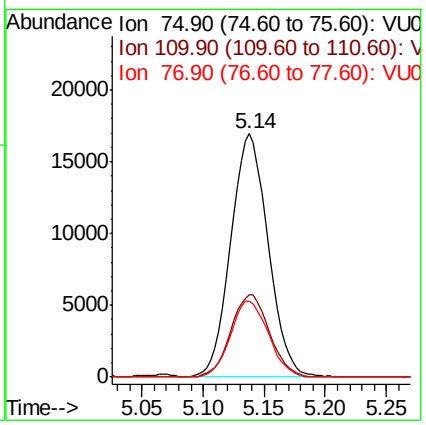


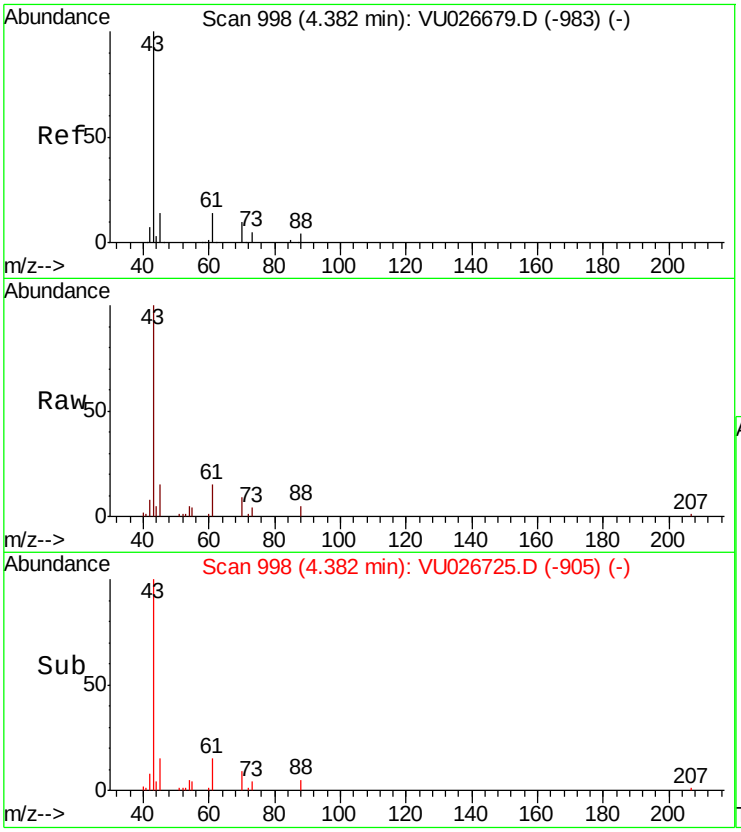




#36
1,1-Dichloropropene
Concen: 18.767 ug/l
RT: 5.14 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion: 75 Resp: 36025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 34.8 | 17.3 | 51.9 |
| 77 | 31.7 | 24.9 | 37.3 |



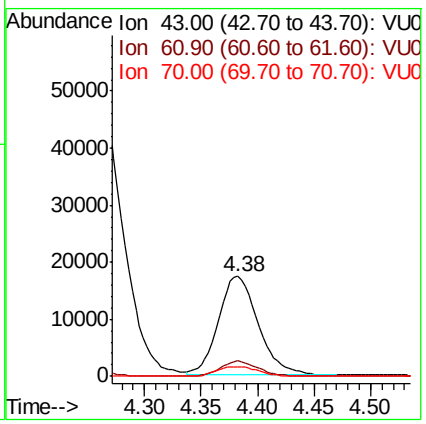


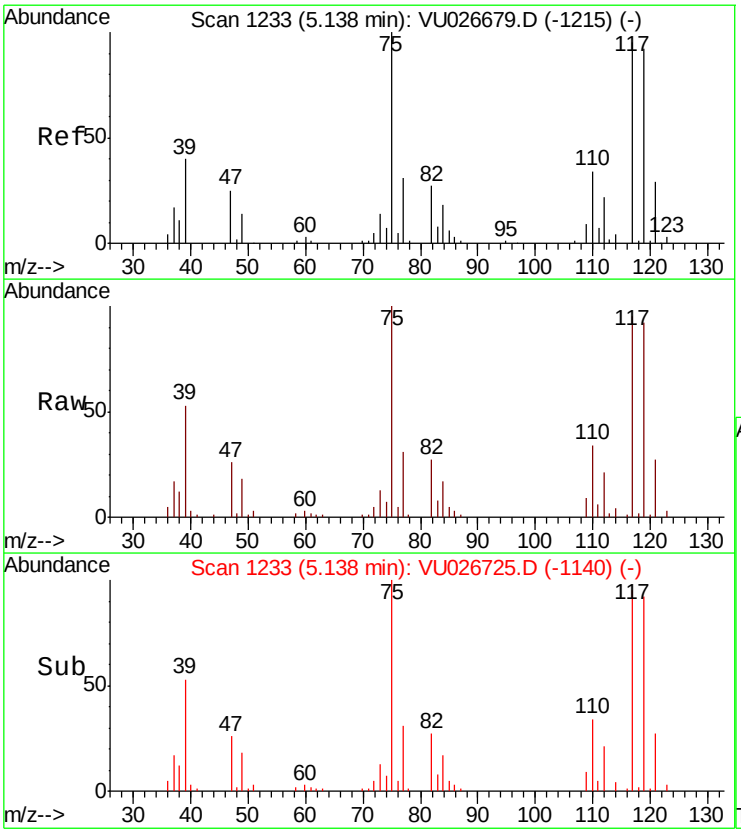

#37
Ethyl Acetate
Concen: 18.465 ug/l
RT: 4.38 min Scan# 998
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0914MBSD01

Tgt Ion: 43 Resp: 42623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.6 | 11.5 | 17.3 |
| 70 | 9.9 | 7.8 | 11.8 |

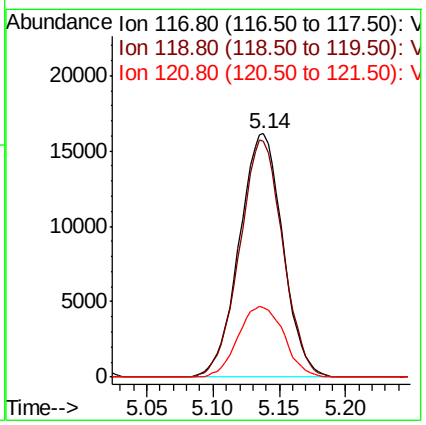


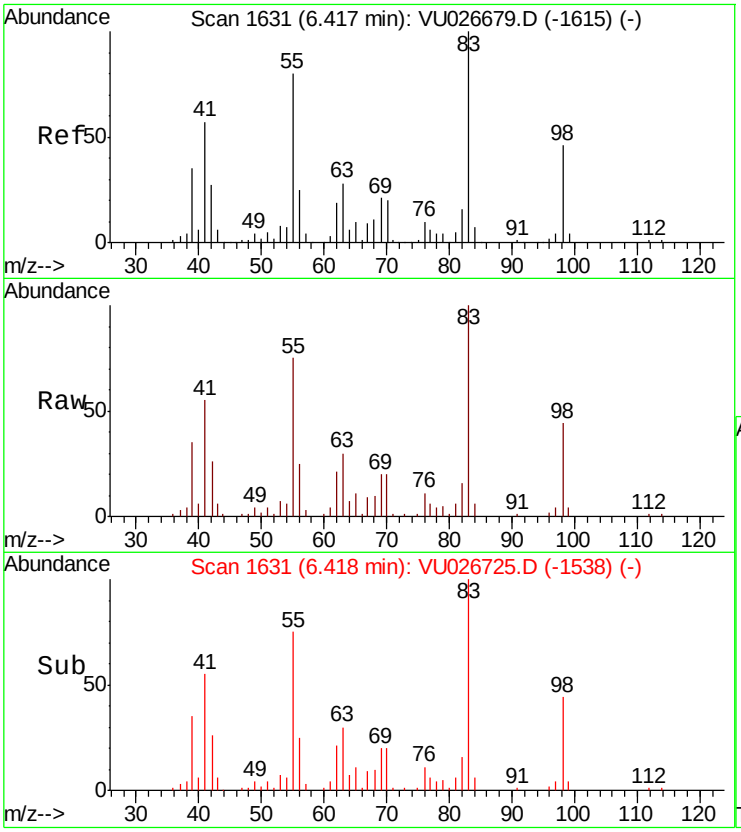




#38
Carbon Tetrachloride
Concen: 18.247 ug/l
RT: 5.14 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion:117 Resp: 37006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.9 | 77.8 | 116.8 |
| 121 | 28.7 | 25.0 | 37.4 |



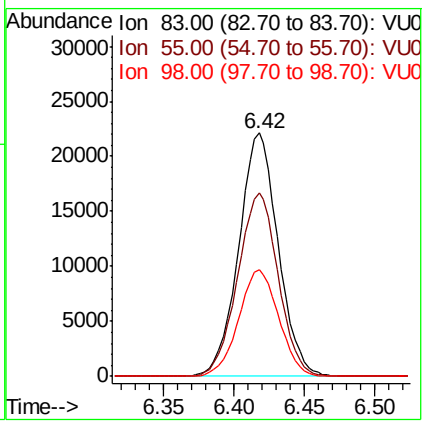


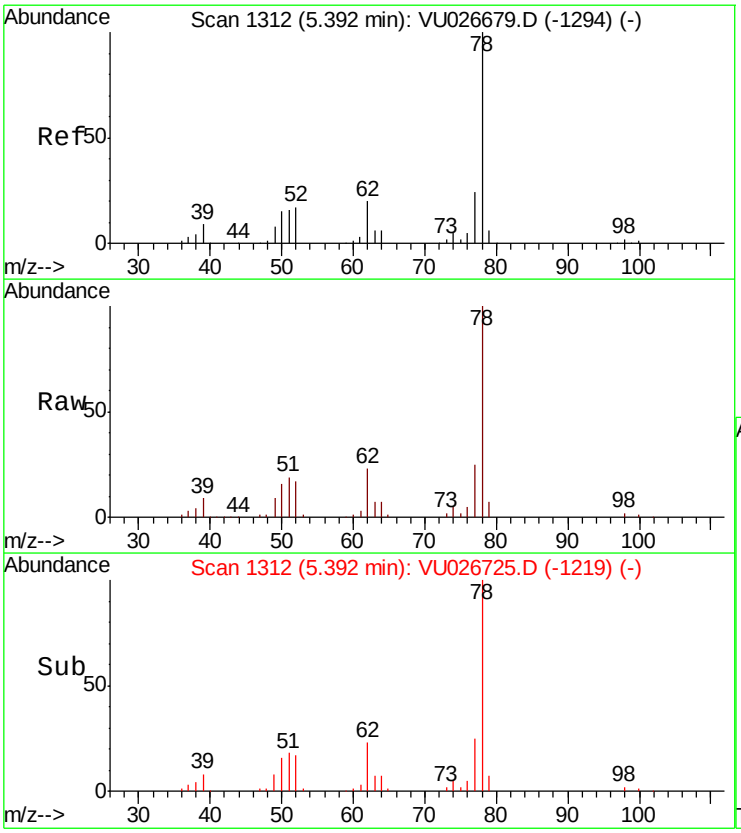

#39
Methylcyclohexane
Concen: 18.988 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0914MBSD01

Tgt Ion: 83 Resp: 43277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 75.3 | 63.8 | 95.6 |
| 98 | 43.6 | 37.2 | 55.8 |

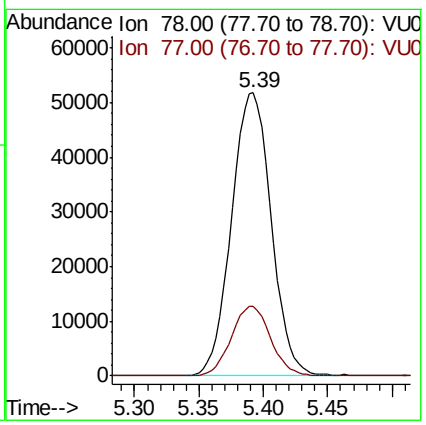


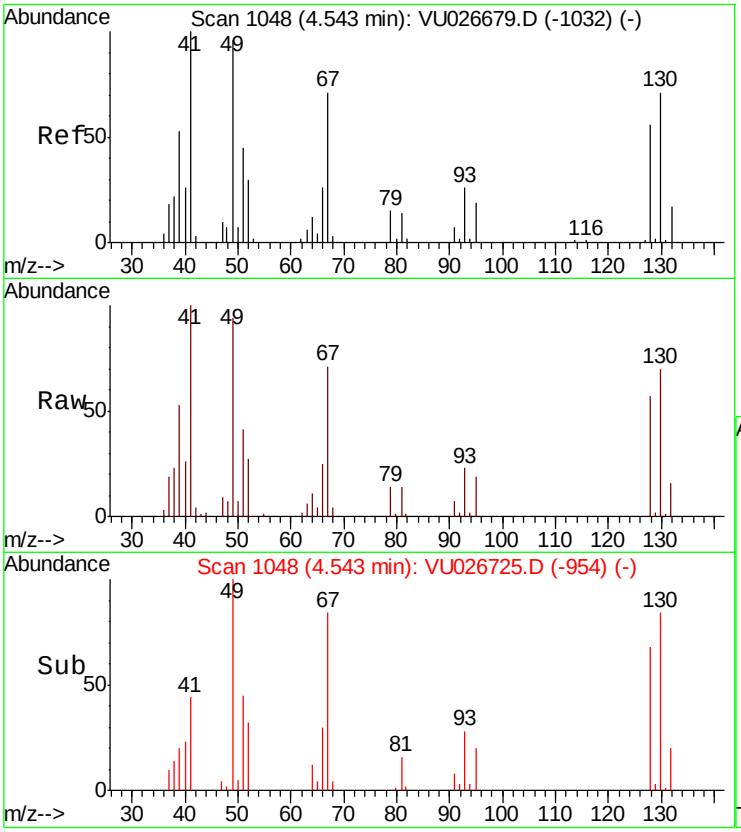




#40
Benzene
Concen: 18.609 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion: 78 Resp: 110933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.5 | 19.5 | 29.3 |



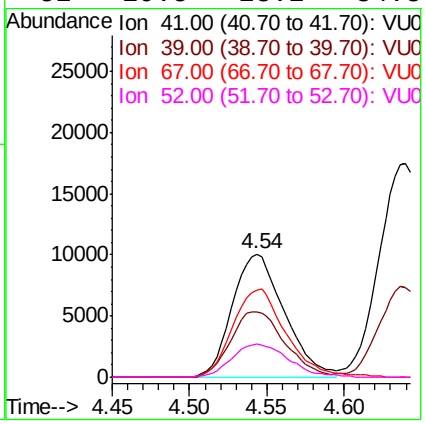


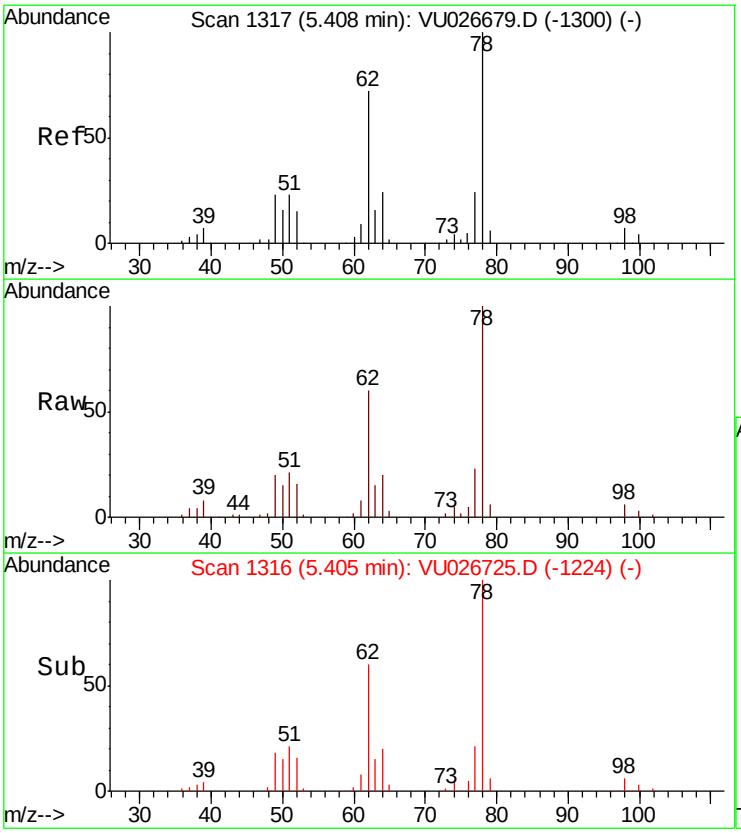

#41
Methacrylonitrile
Concen: 18.610 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :** MSVOA_U
**ClientSampleId :** VU0914MBSD01

Tgt Ion: 41 Resp: 23589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 55.2 | 42.9 | 64.3 |
| 67 | 72.9 | 56.6 | 84.8 |
| 52 | 29.5 | 23.2 | 34.8 |

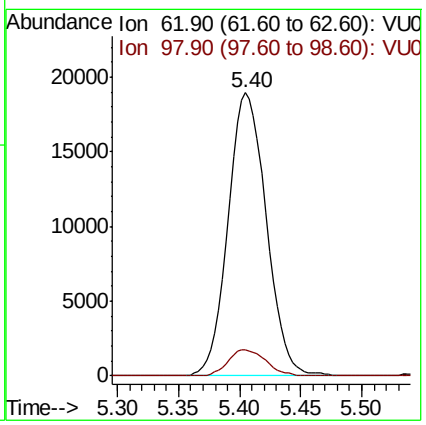


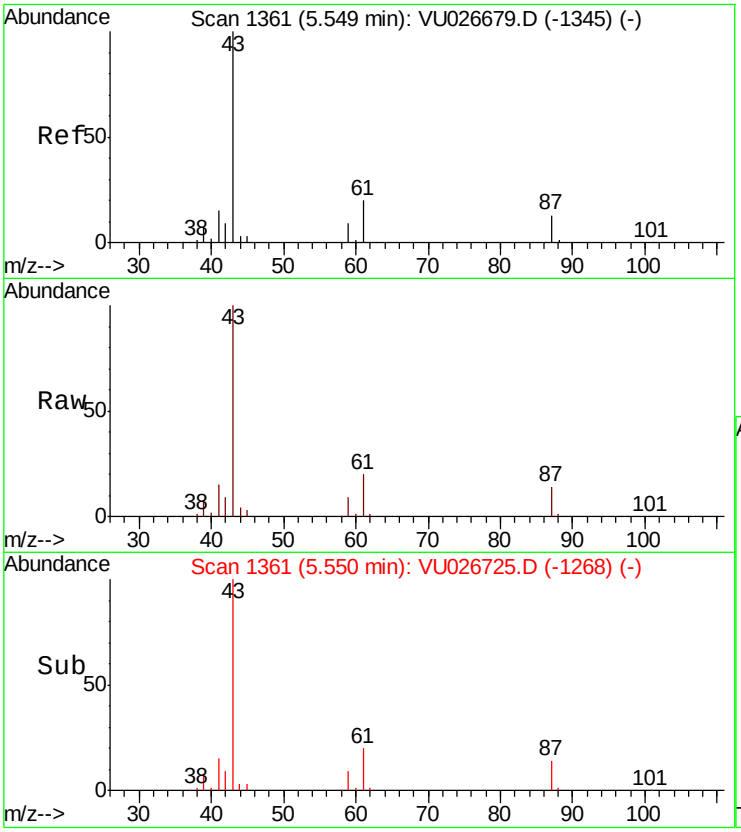




#42
1,2-Dichloroethane
Concen: 19.393 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion: 62 Resp: 41225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.1 | 0.0 | 17.8 |



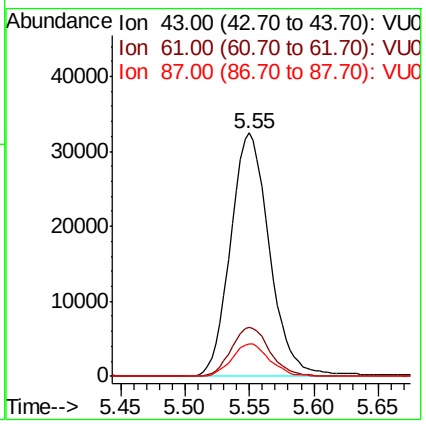


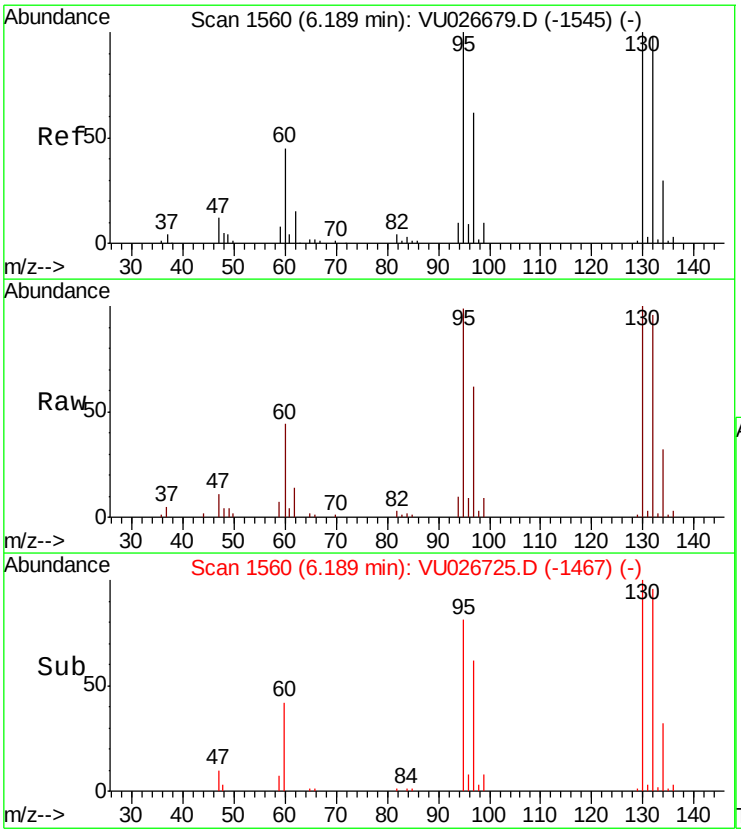

#43
Isopropyl Acetate
Concen: 19.348 ug/l
RT: 5.55 min Scan# 1361
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :** MSVOA_U
**ClientSampleId :** VU0914MBSD01

Tgt Ion: 43 Resp: 68005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 19.9 | 16.0 | 24.0 |
| 87 | 13.1 | 10.1 | 15.1 |

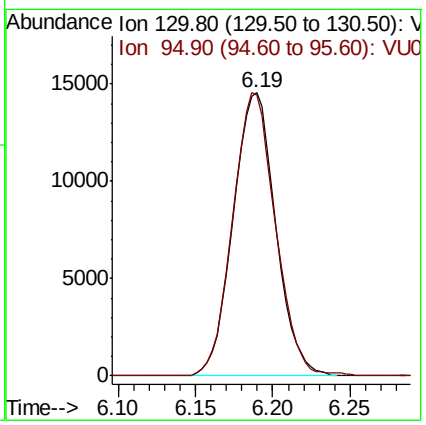


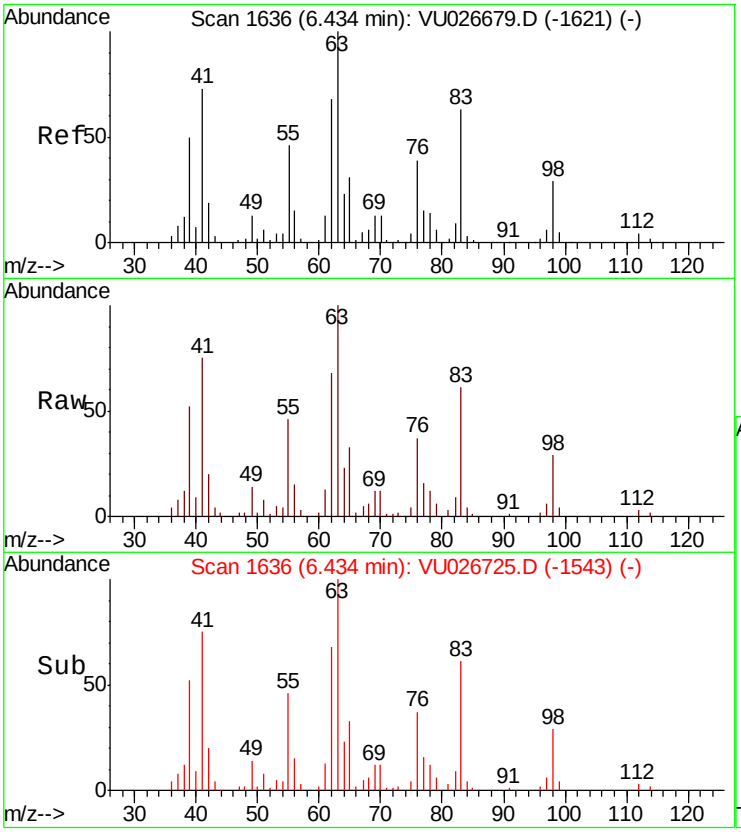




#44
Trichloroethene
Concen: 18.804 ug/l
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion:130 Resp: 27743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 99.1 | 0.0 | 199.4 |



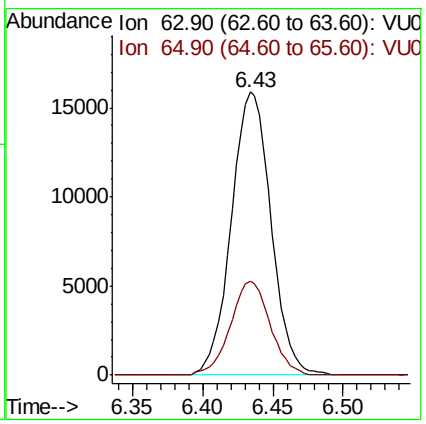


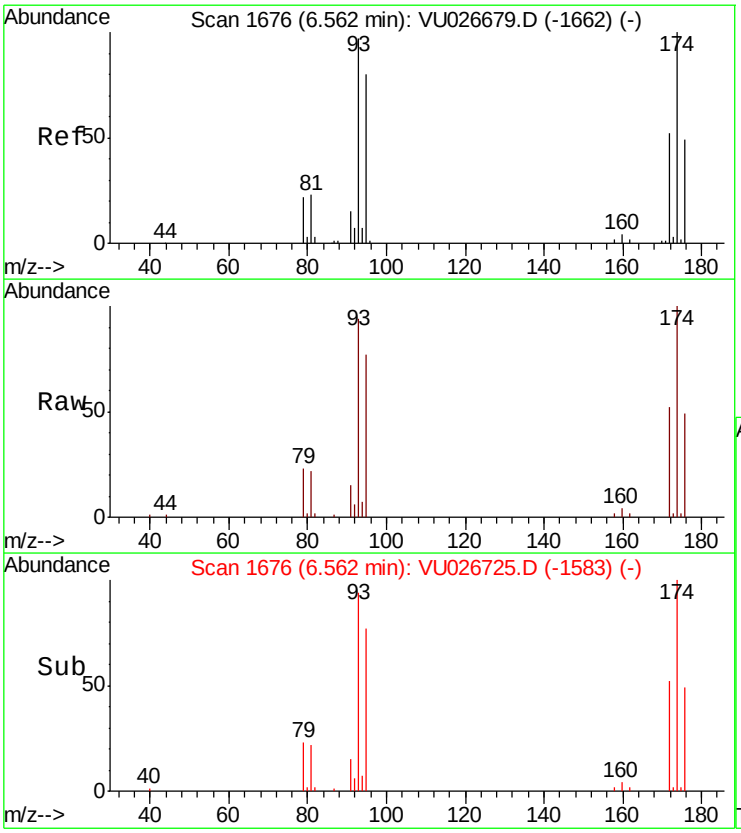

#45
1,2-Dichloropropane
Concen: 19.318 ug/l
RT: 6.43 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :** MSVOA_U
**ClientSampleId :** VU0914MBSD01

Tgt Ion: 63 Resp: 31306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 33.2 | 25.0 | 37.4 |

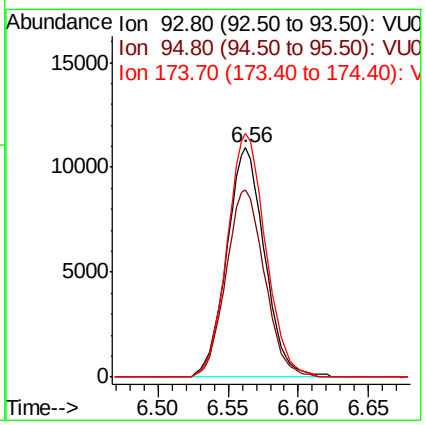


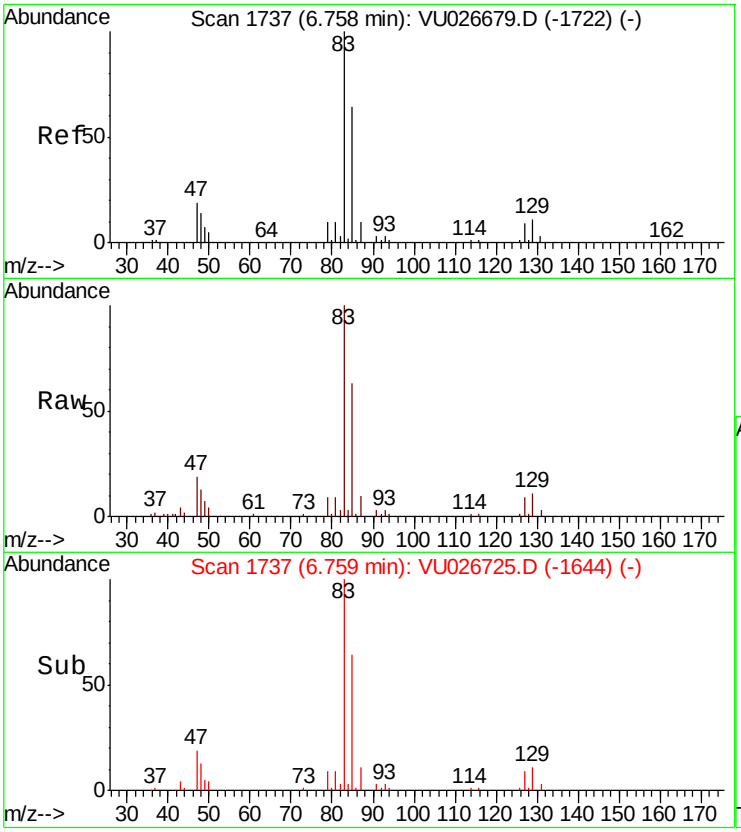




#46
Dibromomethane
Concen: 19.639 ug/l
RT: 6.56 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion: 93 Resp: 20538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 82.9 | 65.4 | 98.2 |
| 174 | 107.6 | 81.6 | 122.4 |



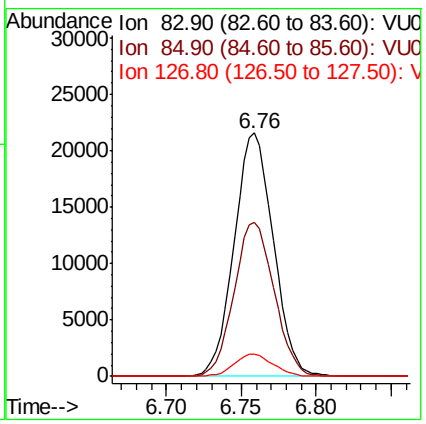


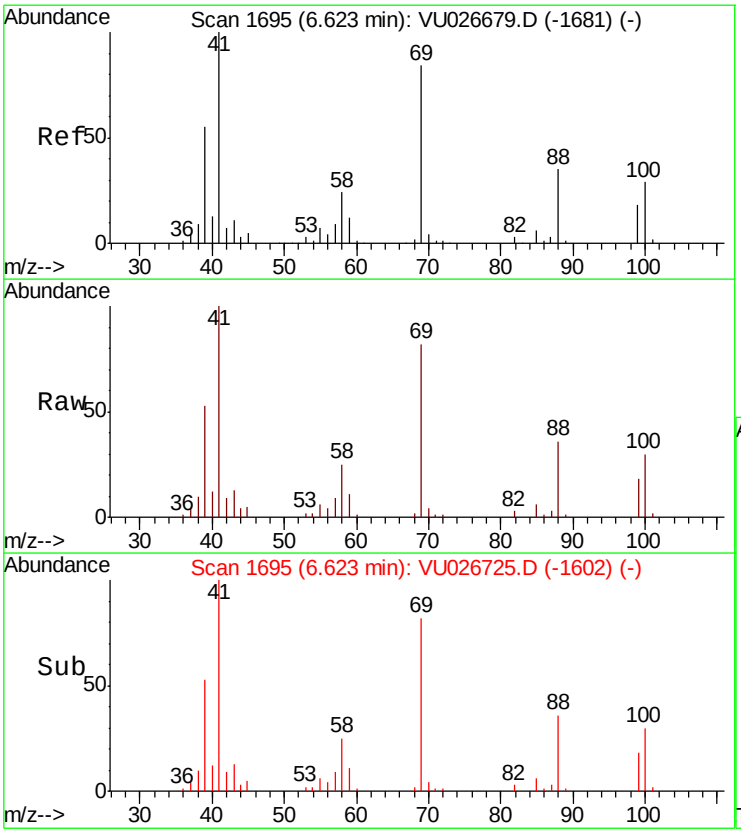

#47
Bromodichloromethane
Concen: 19.121 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :** MSVOA_U
**ClientSampleId :** VU0914MBSD01

Tgt Ion: 83 Resp: 39376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.3 | 51.1 | 76.7 |
| 127 | 8.9 | 6.9 | 10.3 |

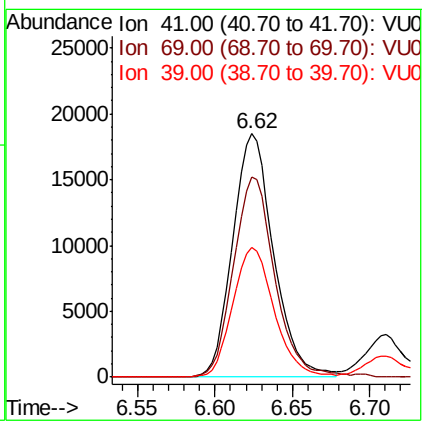


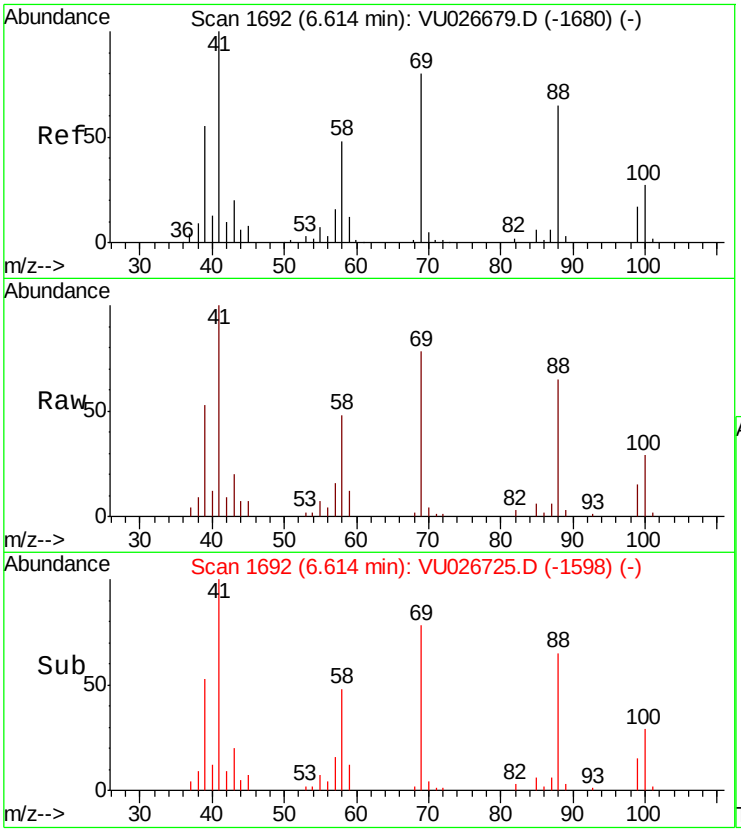




#48
Methyl methacrylate
Concen: 18.896 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion: 41 Resp: 34060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 82.5 | 66.6 | 99.8 |
| 39 | 53.8 | 43.6 | 65.4 |



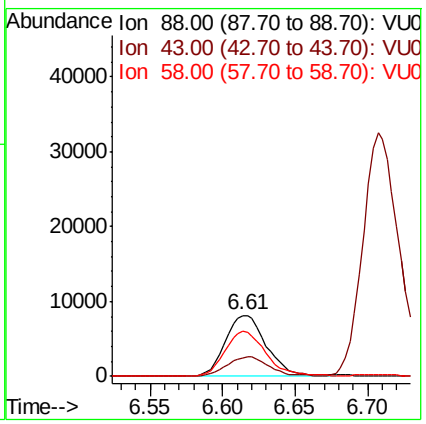


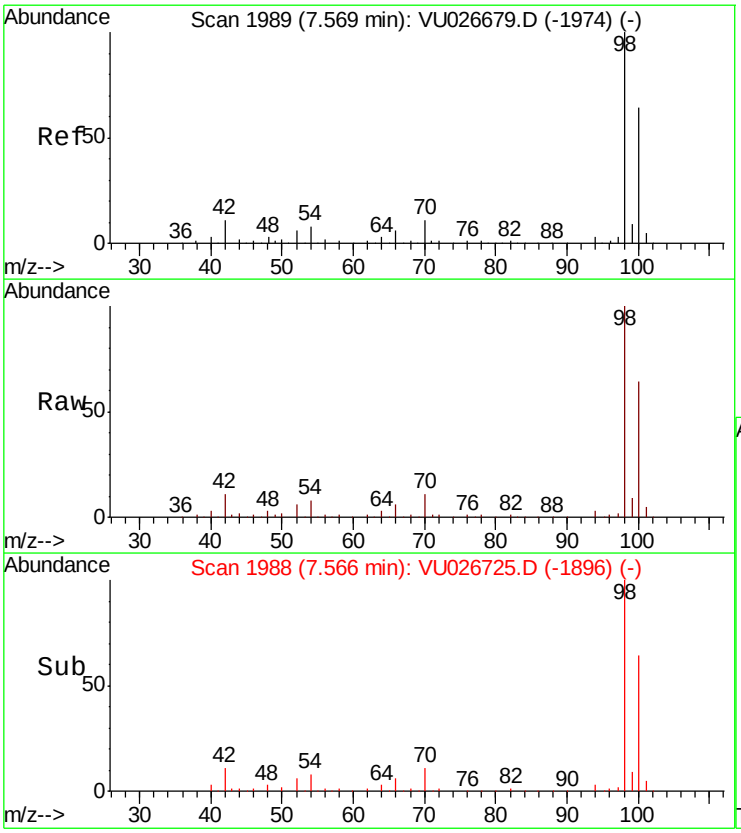

#49
1,4-Dioxane
Concen: 386.090 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0914MBSD01

Tgt Ion: 88 Resp: 16170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 32.5 | 25.5 | 38.3 |
| 58 | 73.0 | 58.2 | 87.4 |

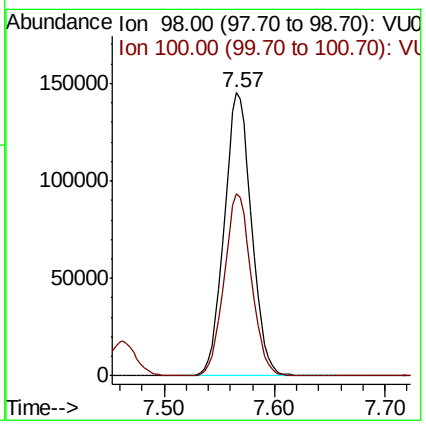


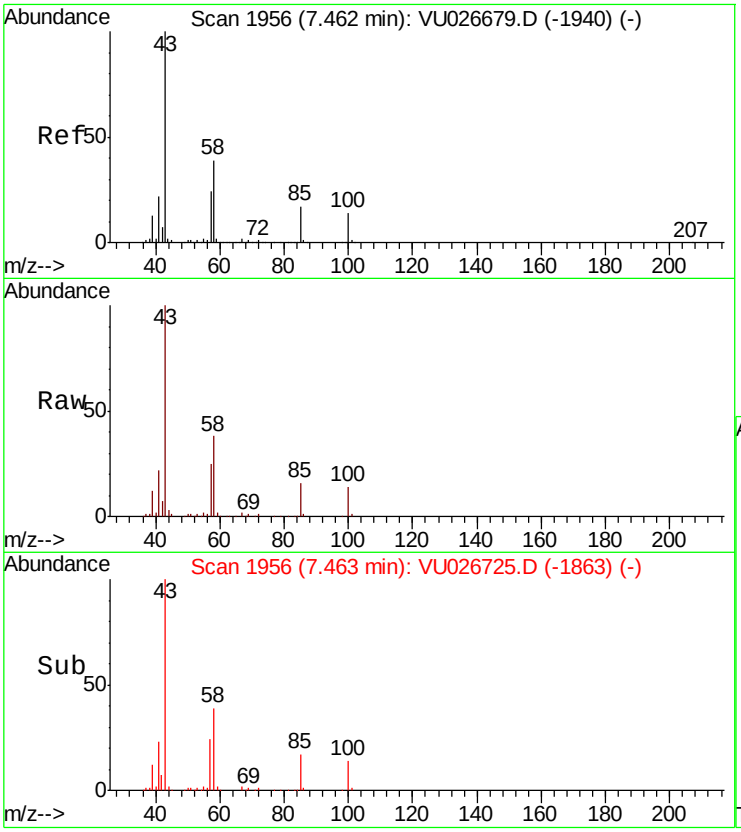




#50
Toluene-d8
Concen: 48.246 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion: 98 Resp: 248855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.8 | 51.2 | 76.8 |



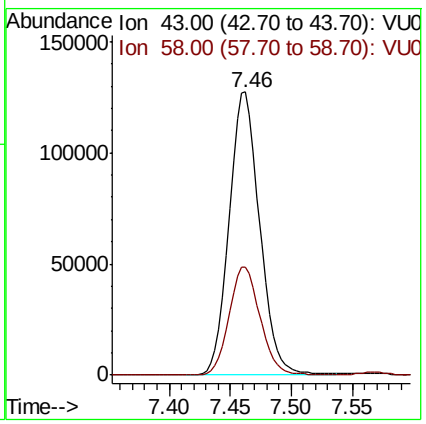


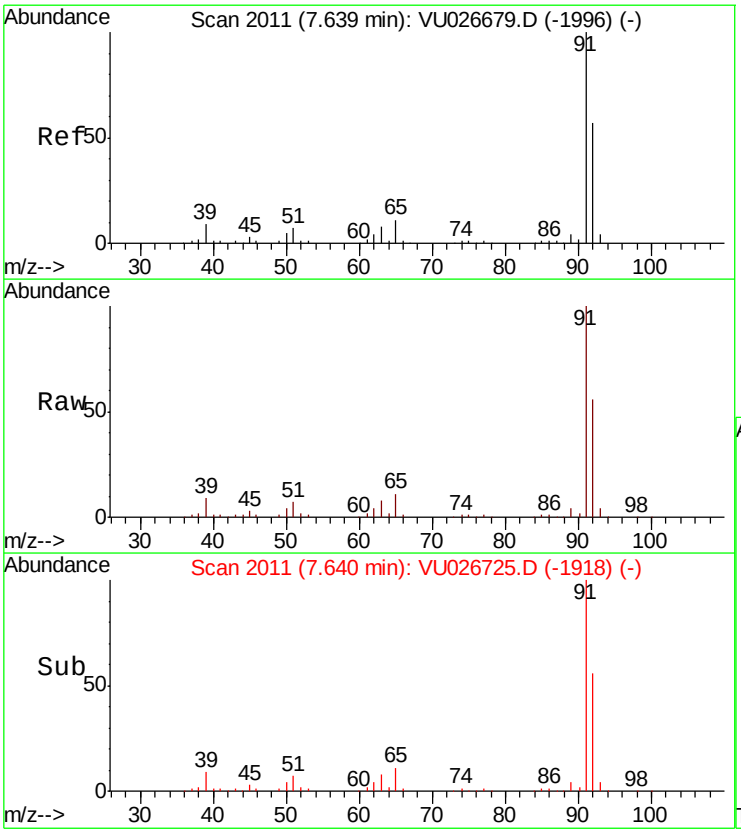

#51
4-Methyl-2-Pentanone
Concen: 94.749 ug/l
RT: 7.46 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0914MBSD01

Tgt Ion: 43 Resp: 222757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.7 | 31.1 | 46.7 |

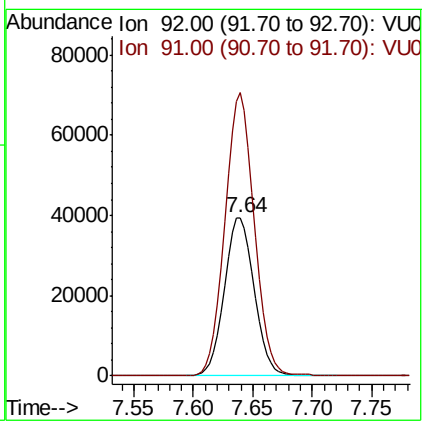


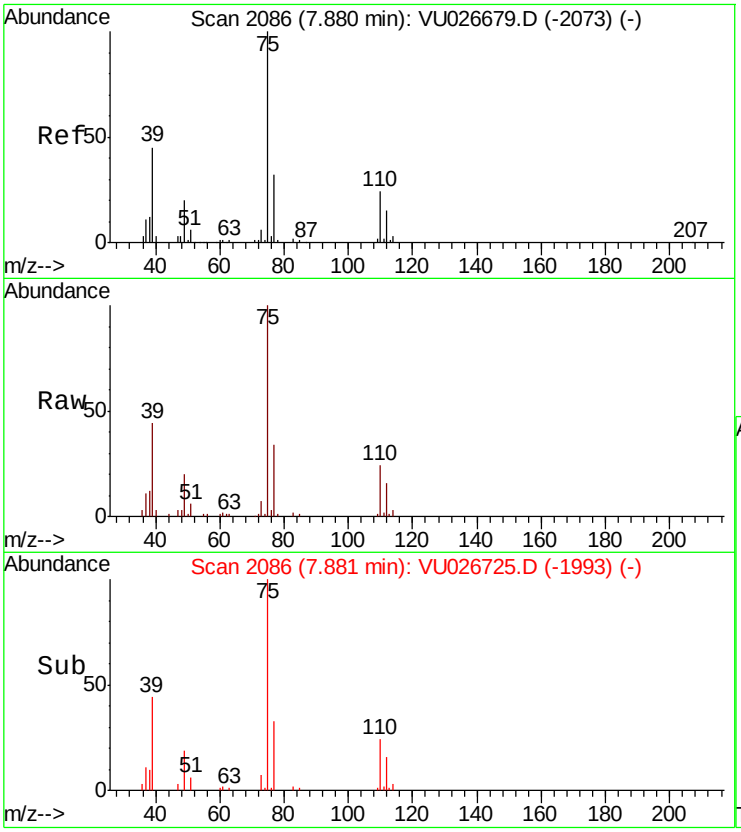




#52
Toluene
Concen: 19.297 ug/l
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion: 92 Resp: 68523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 176.0 | 141.1 | 211.7 |



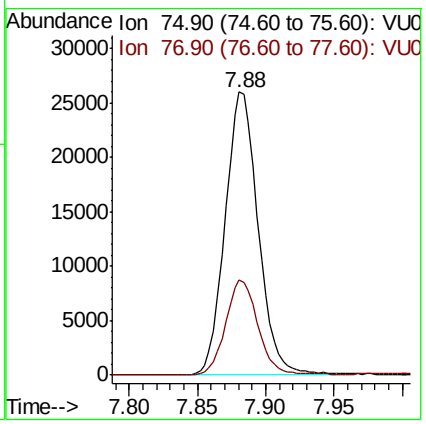


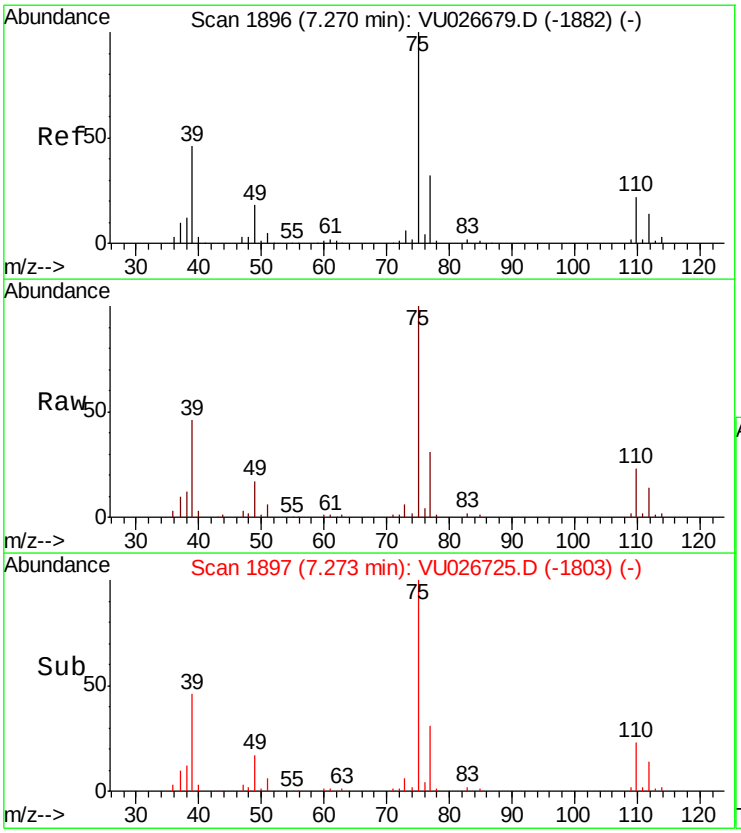

#53
t-1,3-Dichloropropene
Concen: 19.212 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :** MSVOA_U
**ClientSampleId :** VU0914MBSD01

Tgt Ion: 75 Resp: 43883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.5 | 25.2 | 37.8 |

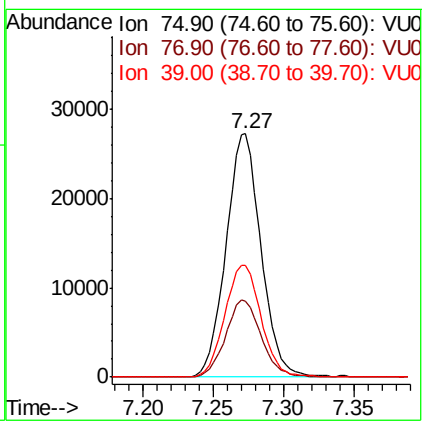


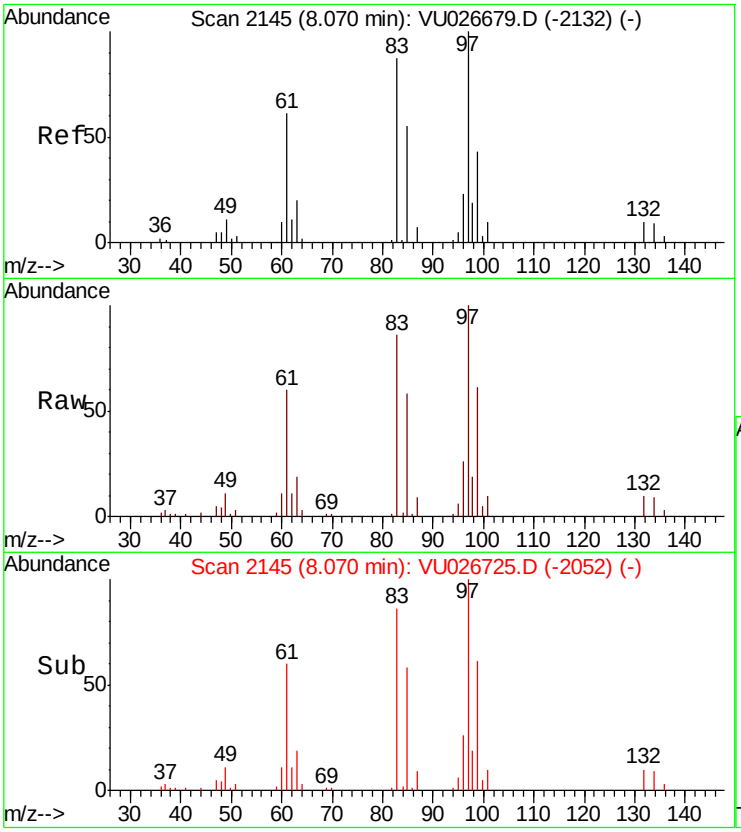




#54
cis-1,3-Dichloropropene
Concen: 19.261 ug/l
RT: 7.27 min Scan# 1897
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion: 75 Resp: 47242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.4 | 25.5 | 38.3 |
| 39 | 45.7 | 37.0 | 55.6 |



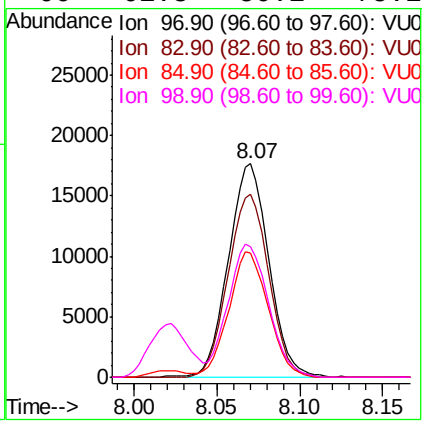


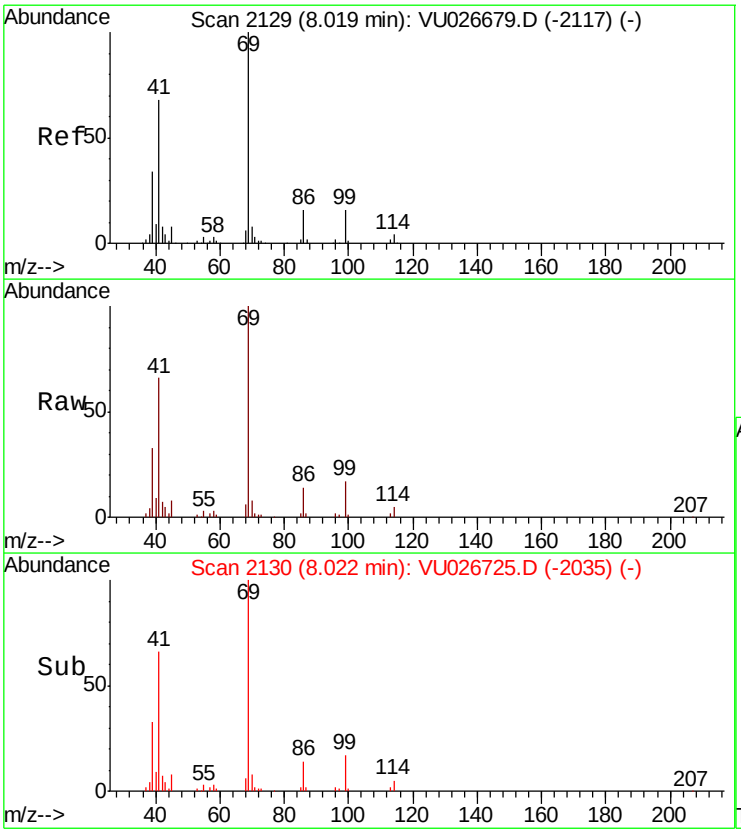

#55
1,1,2-Trichloroethane
Concen: 19.670 ug/l
RT: 8.07 min Scan# 2145
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0914MBSD01

Tgt Ion: 97 Resp: 29927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 85.5 | 69.3 | 103.9 |
| 85 | 58.3 | 45.9 | 68.9 |
| 99 | 61.3 | 50.1 | 75.1 |

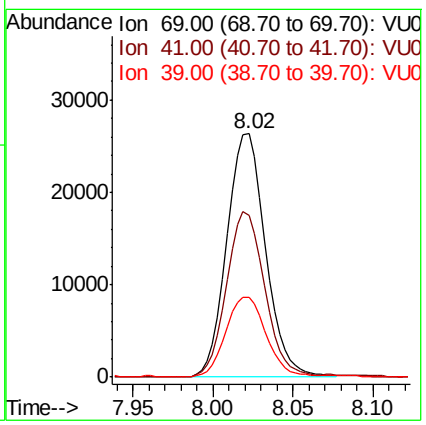


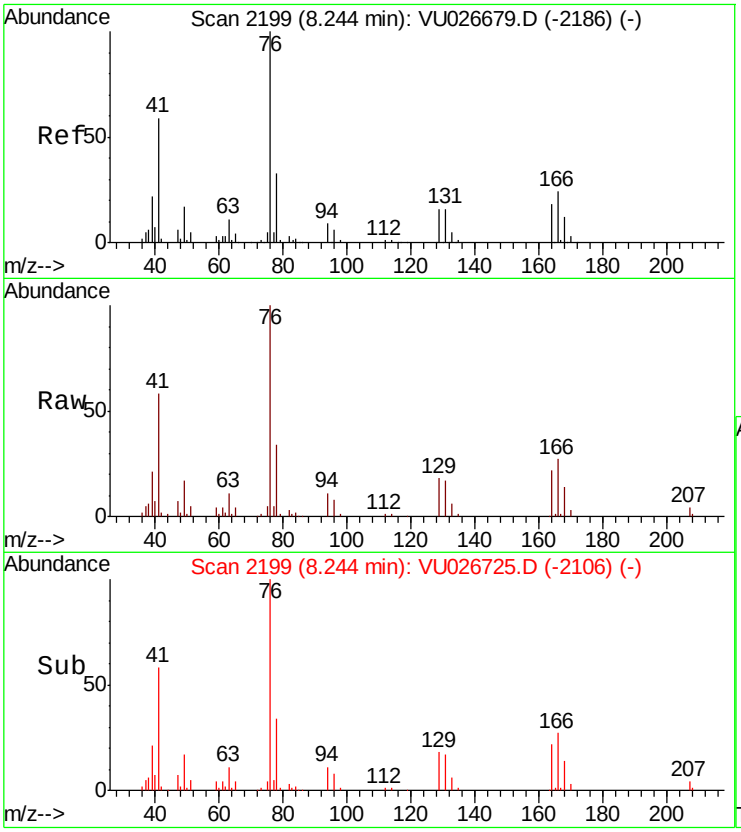




#56
Ethyl methacrylate
Concen: 18.796 ug/l
RT: 8.02 min Scan# 2130
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion: 69 Resp: 43337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 67.1 | 54.2 | 81.2 |
| 39 | 35.0 | 28.4 | 42.6 |



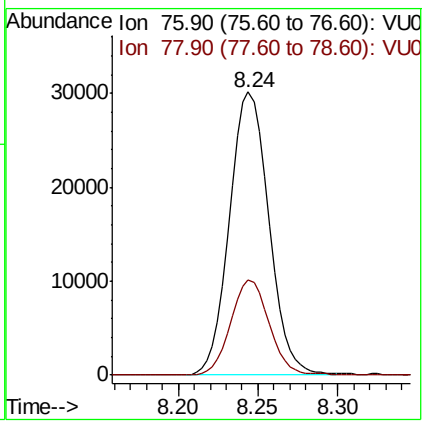


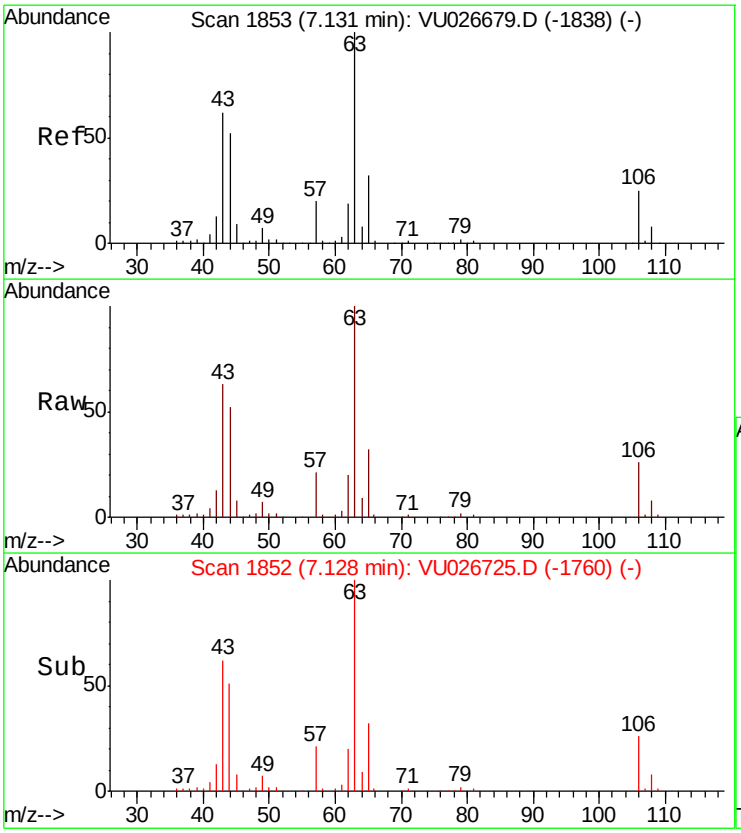

#57
1,3-Dichloropropane
Concen: 19.515 ug/l
RT: 8.24 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :** MSVOA_U
**ClientSampleId :** VU0914MBSD01

Tgt Ion: 76 Resp: 50606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.8 | 26.0 | 39.0 |

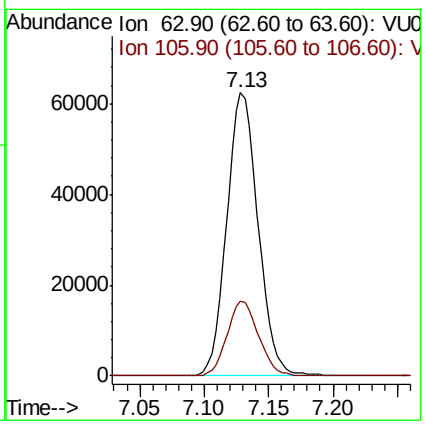


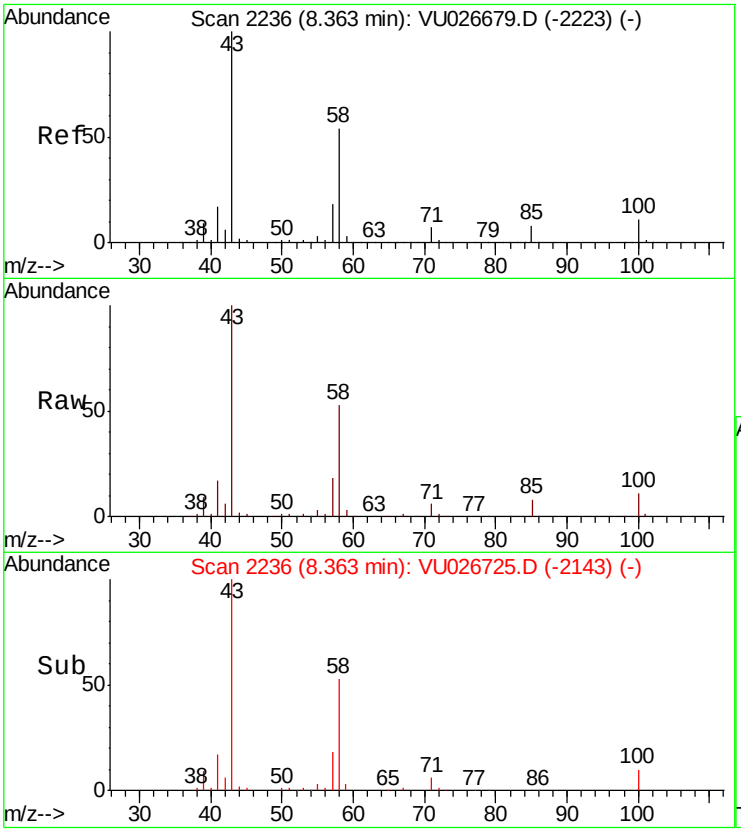




#58
2-Chloroethyl Vinyl ether
Concen: 92.066 ug/l
RT: 7.13 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion: 63 Resp: 105237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 26.4 | 20.5 | 30.7 |



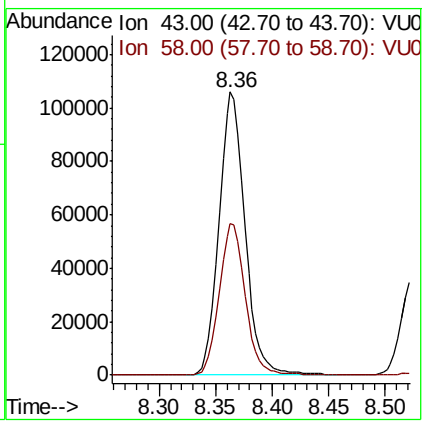


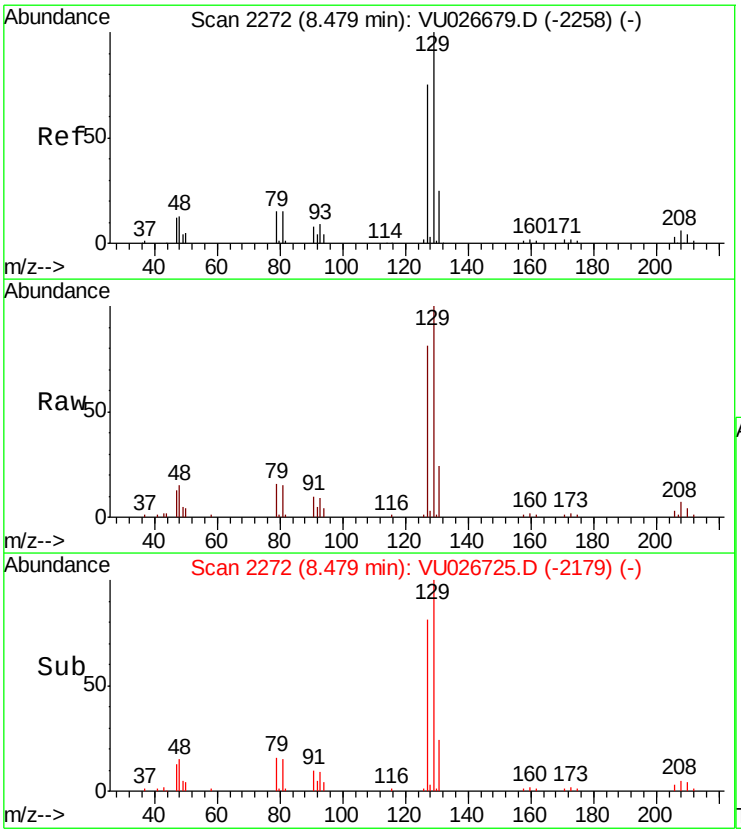

#59
2-Hexanone
Concen: 91.674 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0914MBSD01

Tgt Ion: 43 Resp: 169620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 53.8 | 26.9 | 80.7 |

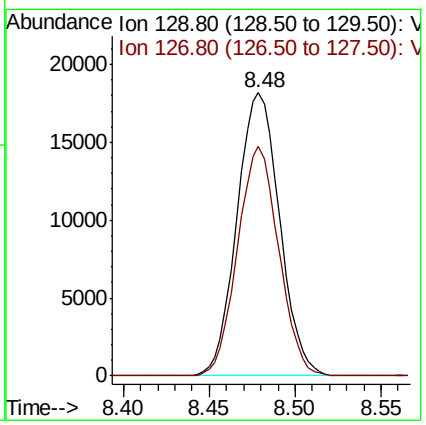


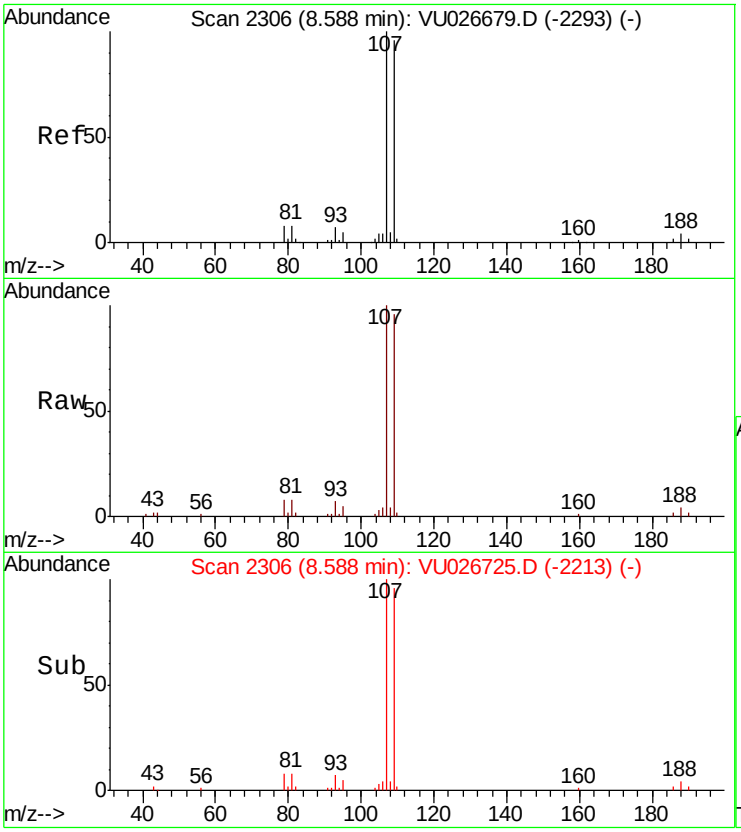




#60
Dibromochloromethane
Concen: 18.984 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion:129 Resp: 31280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.9 | 38.3 | 114.9 |



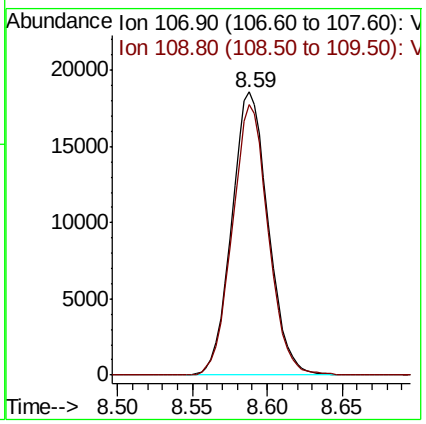


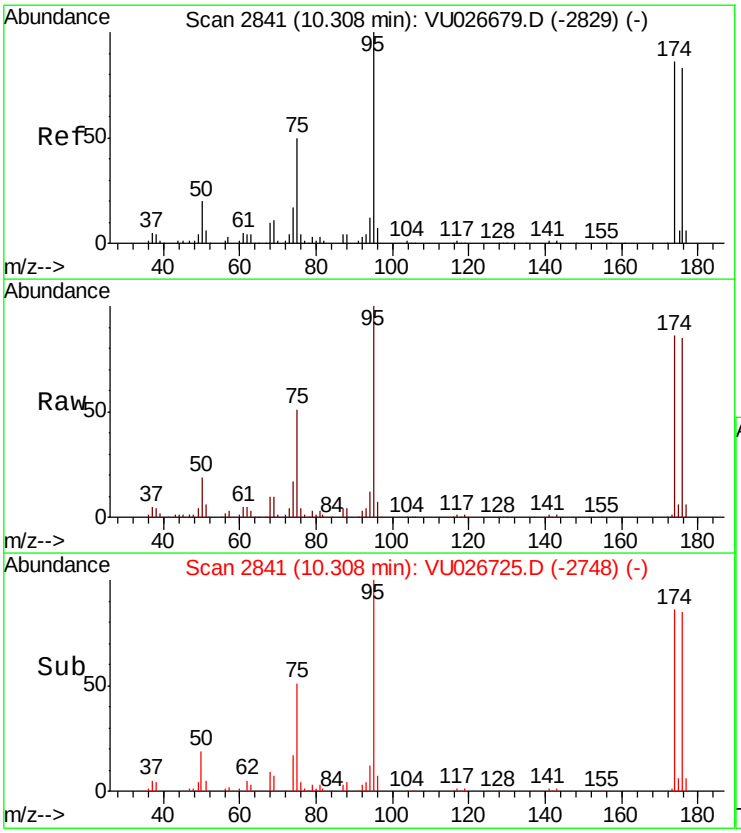

#61
1,2-Dibromoethane
Concen: 19.147 ug/l
RT: 8.59 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :** MSVOA_U
**ClientSampleId :** VU0914MBSD01

Tgt Ion:107 Resp: 31607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 93.8 | 75.7 | 113.5 |

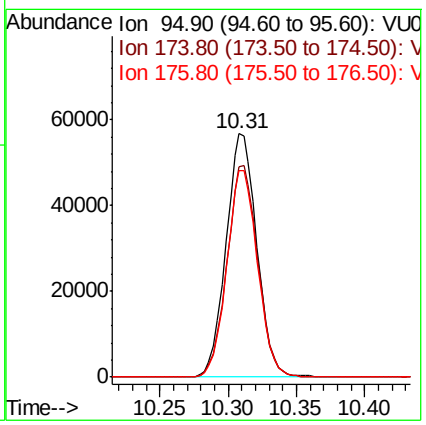


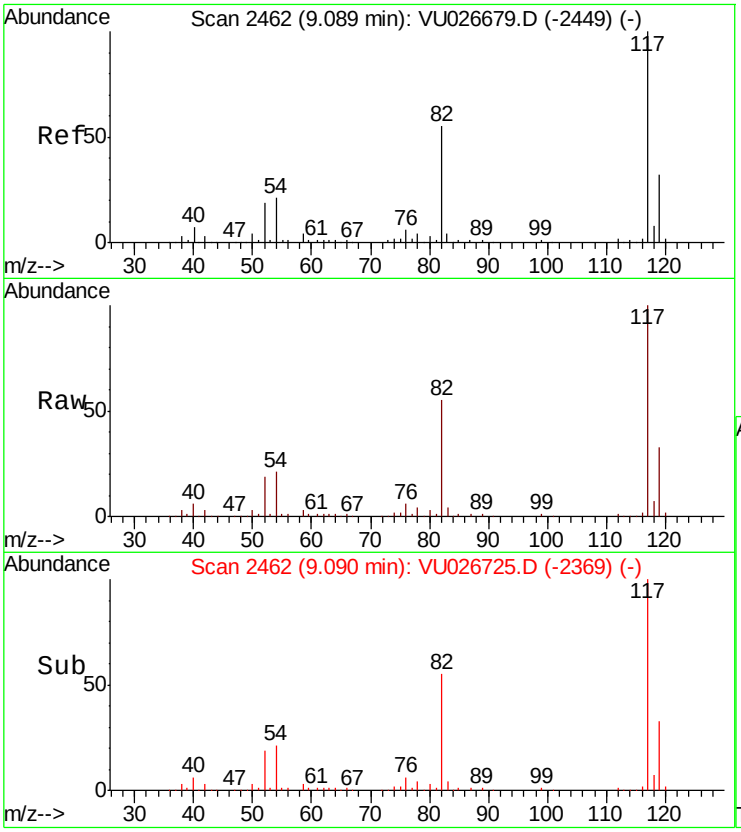




#62
4-Bromofluorobenzene
Concen: 47.414 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion: 95 Resp: 88638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 87.4 | 0.0 | 172.8 |
| 176 | 84.9 | 0.0 | 168.6 |



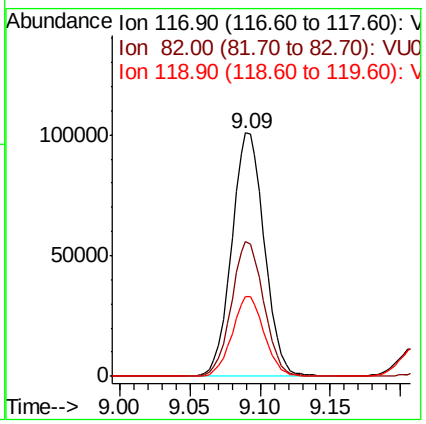


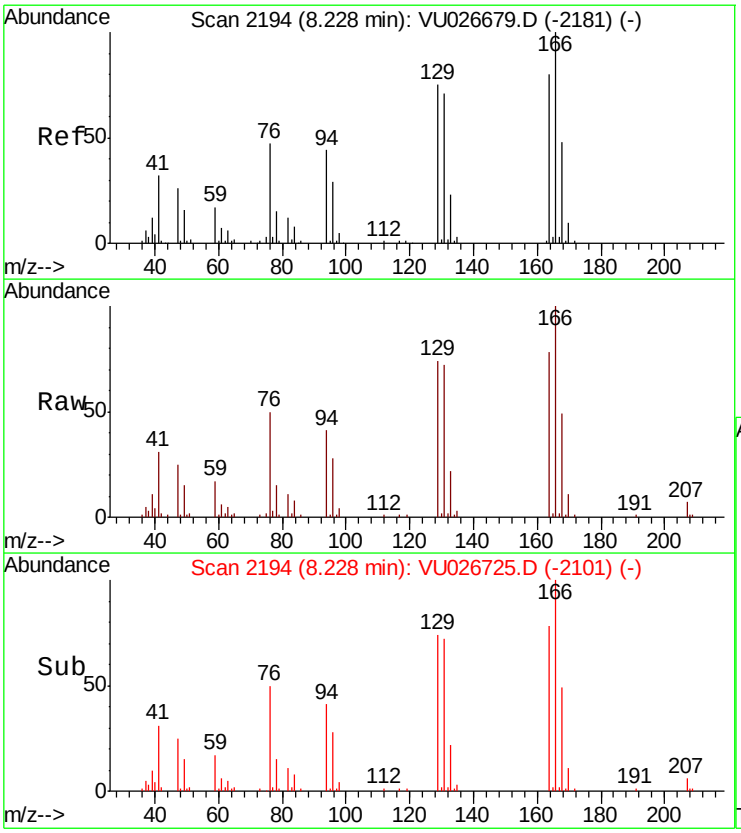

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :** MSVOA_U
**ClientSampleId :** VU0914MBSD01

Tgt Ion:117 Resp: 163361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.5 | 44.1 | 66.1 |
| 119 | 32.9 | 25.7 | 38.5 |

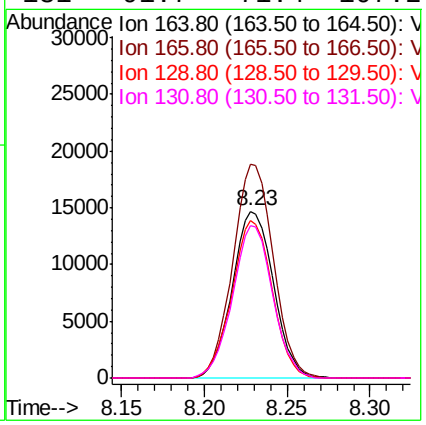


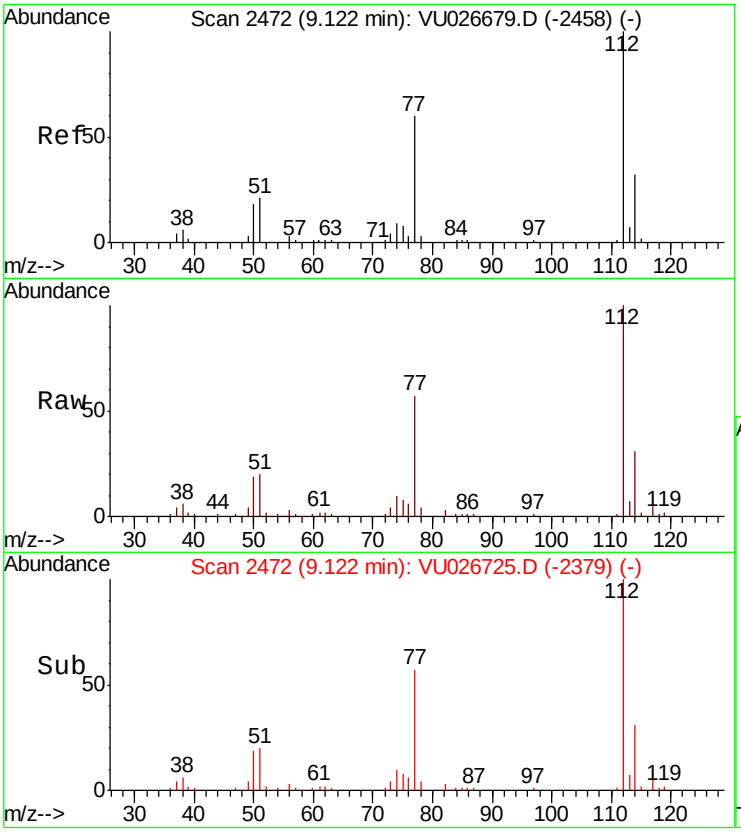




#64
Tetrachloroethene
Concen: 19.531 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion:164 Resp: 25395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 128.2 | 100.5 | 150.7 |
| 129 | 94.9 | 75.3 | 112.9 |
| 131 | 91.7 | 71.4 | 107.2 |



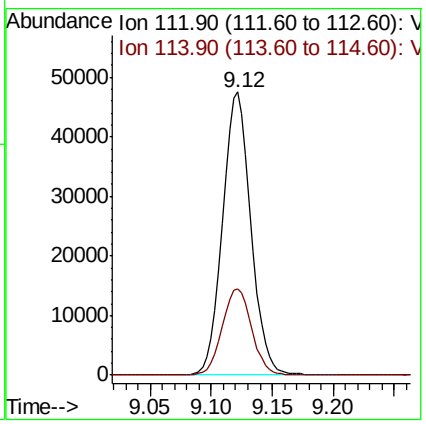


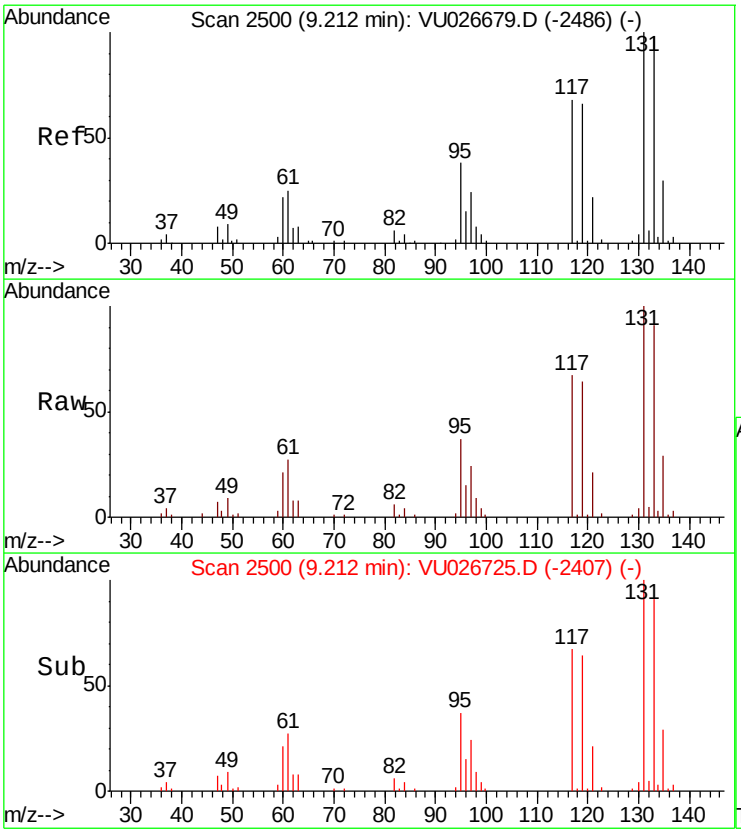

#65
Chlorobenzene
Concen: 19.076 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :** MSVOA_U
**ClientSampleId :** VU0914MBSD01

Tgt Ion:112 Resp: 77422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 30.7 | 25.5 | 38.3 |

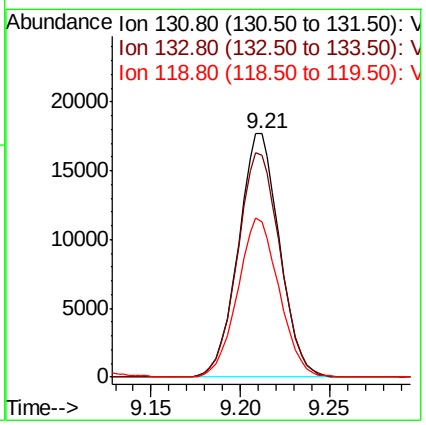


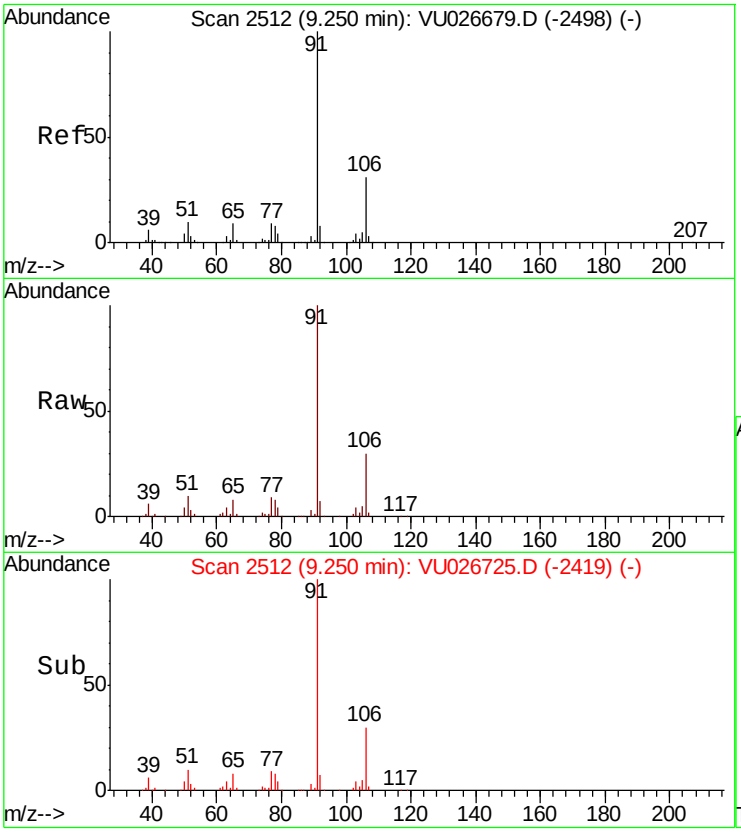




#66
1,1,1,2-Tetrachloroethane
Concen: 19.169 ug/l
RT: 9.21 min Scan# 2500
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion:131 Resp: 28625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 94.9 | 48.9 | 146.6 |
| 119 | 65.6 | 32.7 | 98.1 |



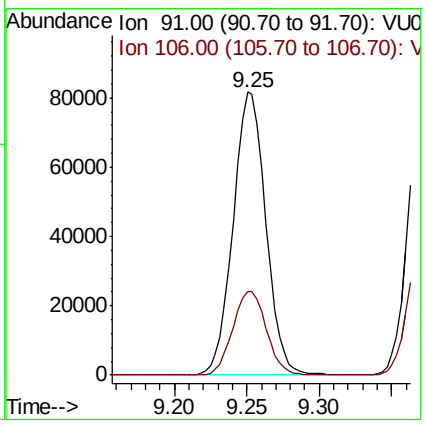


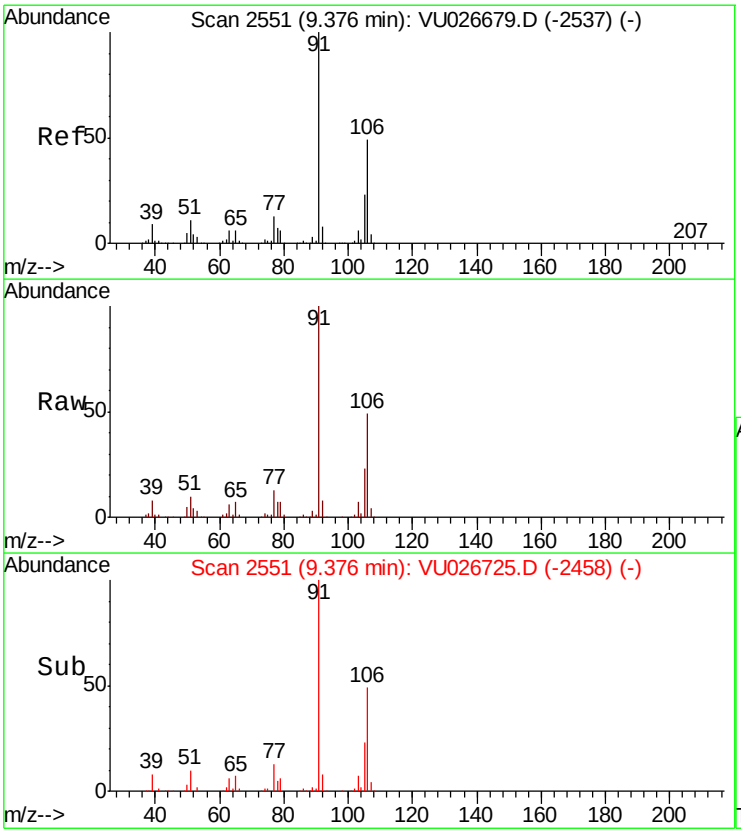

#67
Ethyl Benzene
Concen: 19.150 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0914MBSD01

Tgt Ion: 91 Resp: 128033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 29.8 | 25.0 | 37.4 |

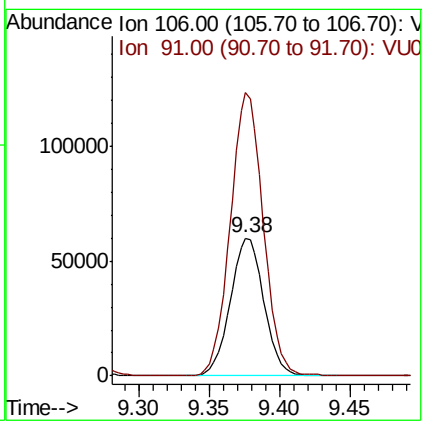


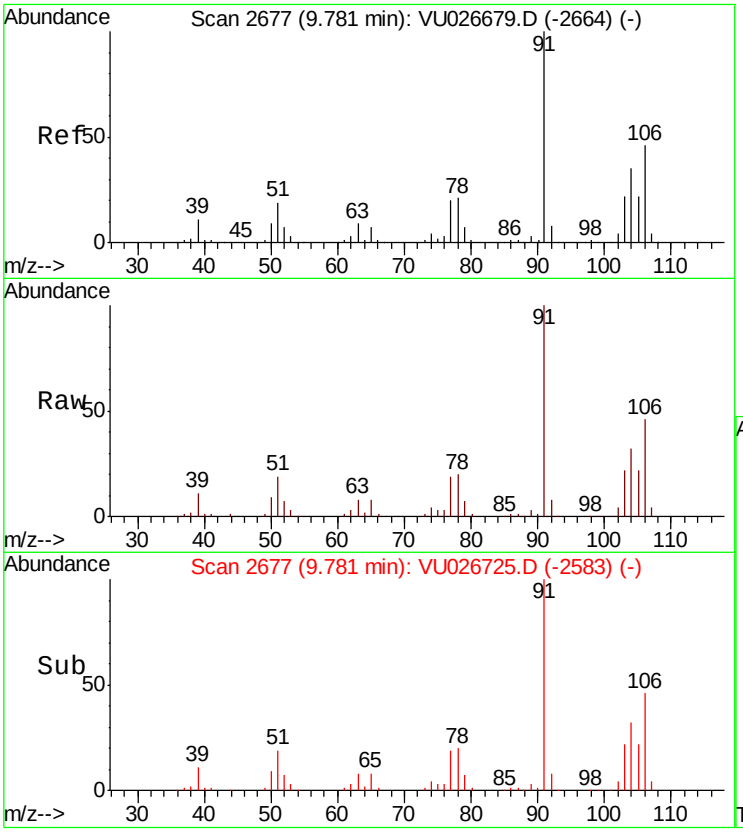




#68
m/p-Xylenes
Concen: 39.184 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion:106 Resp: 99656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 201.5 | 162.1 | 243.1 |



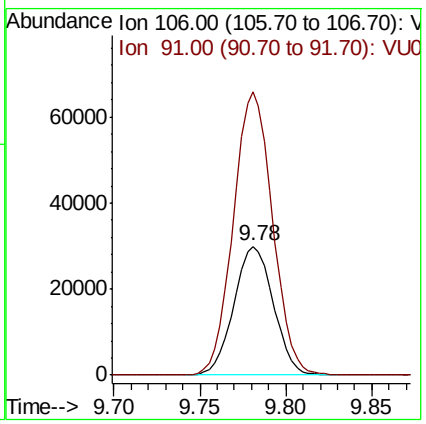


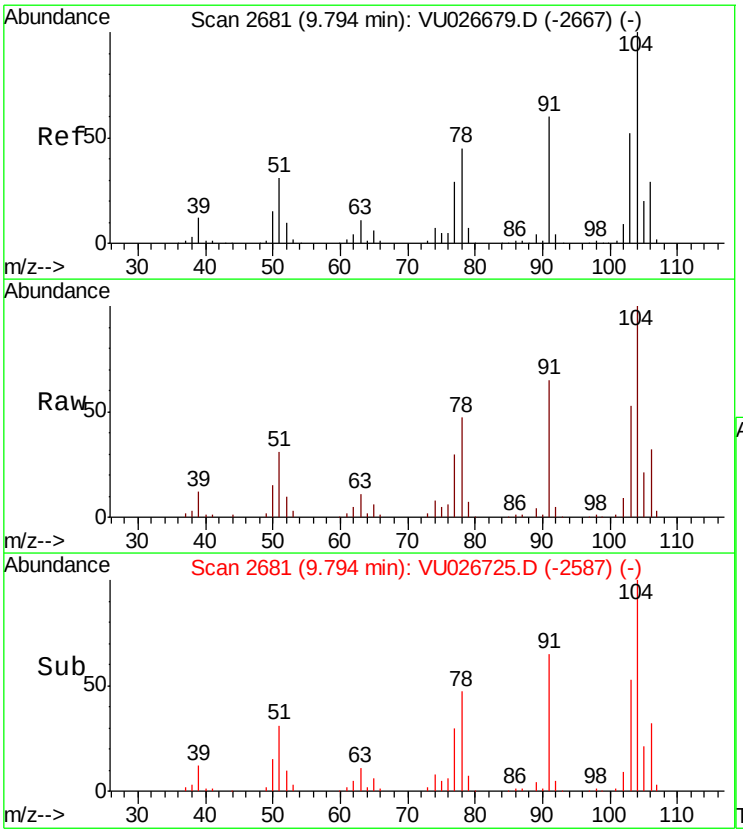

#69
o-Xylene
Concen: 18.329 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0914MBSD01

Tgt Ion:106 Resp: 47630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 218.9 | 106.9 | 320.8 |

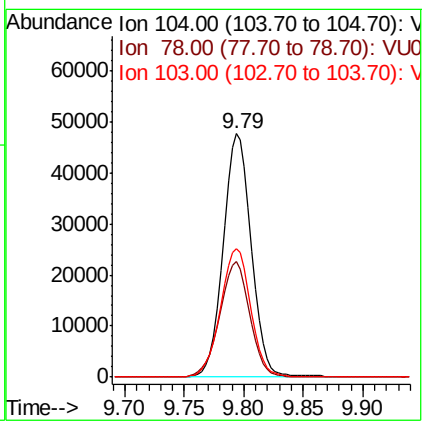


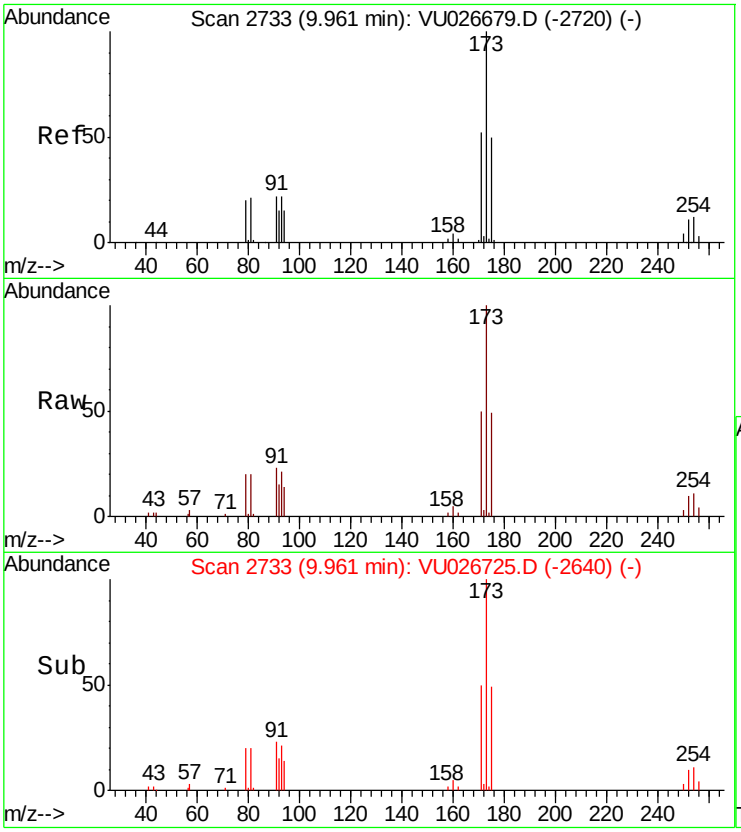




#70
Styrene
Concen: 18.248 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion:104 Resp: 77916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 50.4 | 39.4 | 59.2 |
| 103 | 56.7 | 44.5 | 66.7 |



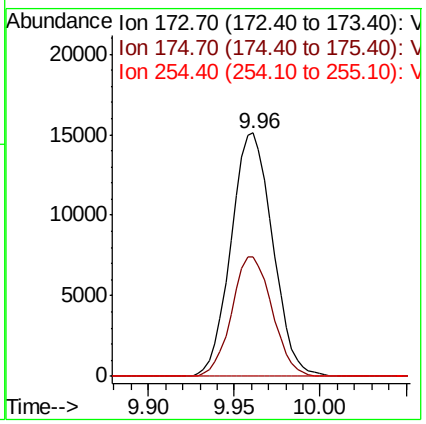


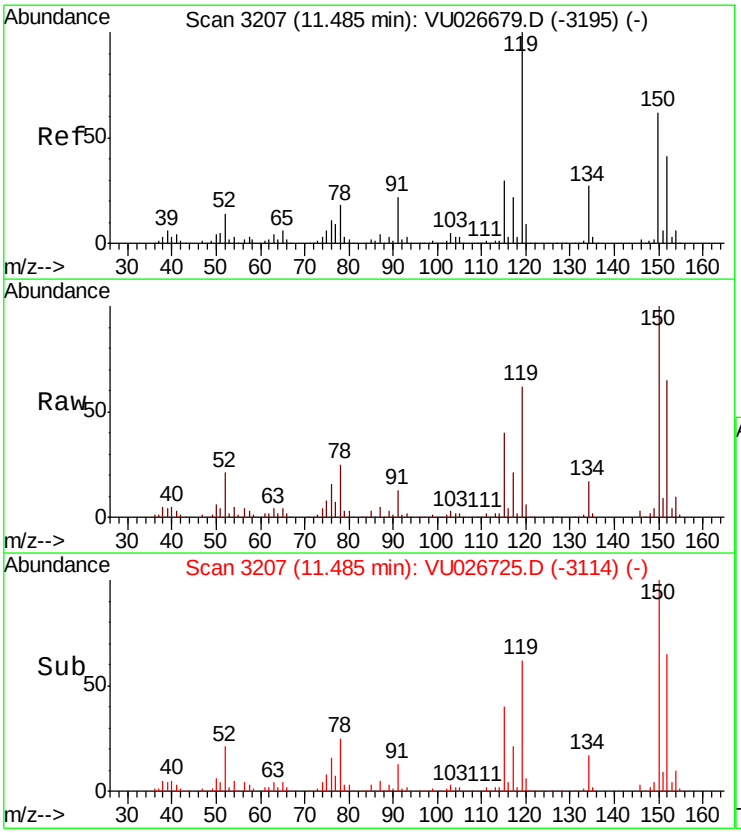

#71
Bromoform
Concen: 19.638 ug/l
RT: 9.96 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0914MBSD01

Tgt Ion:173 Resp: 25505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 47.6 | 24.7 | 74.1 |
| 254 | 0.0 | 0.0 | 0.0 |

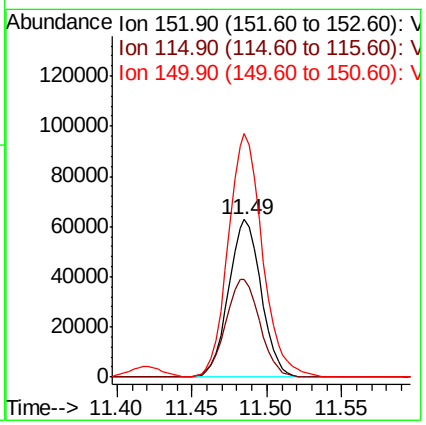


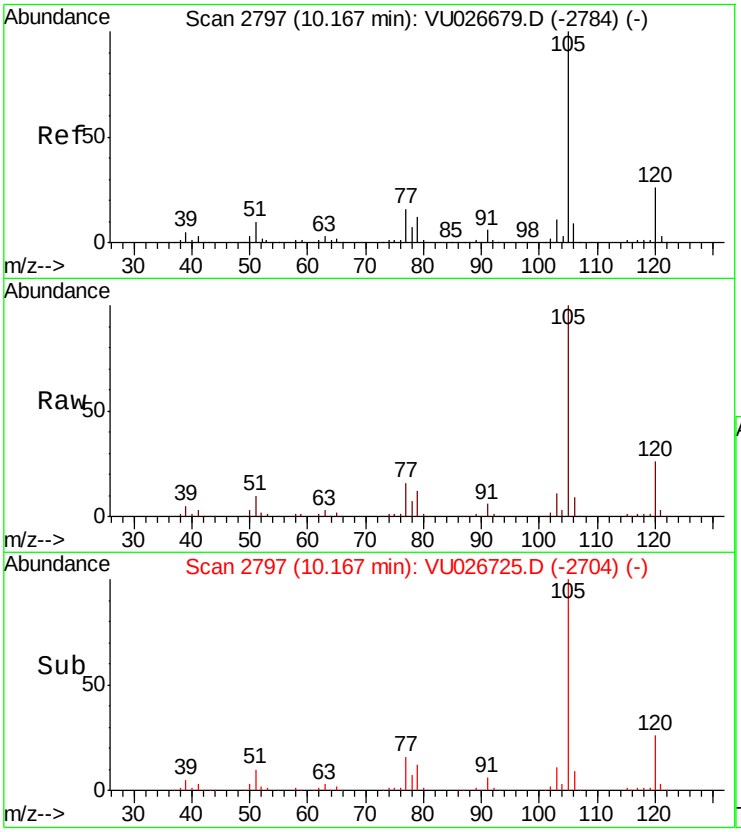




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion:152 Resp: 95250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 65.1 | 40.4 | 121.1 |
| 150 | 161.6 | 0.0 | 345.2 |



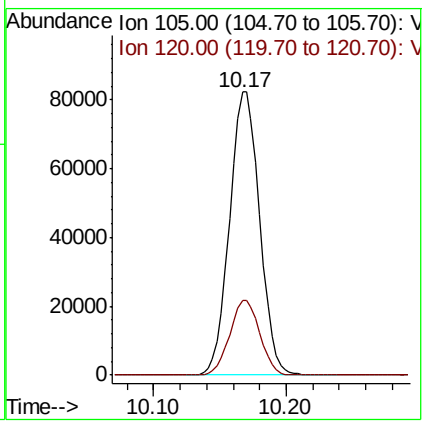


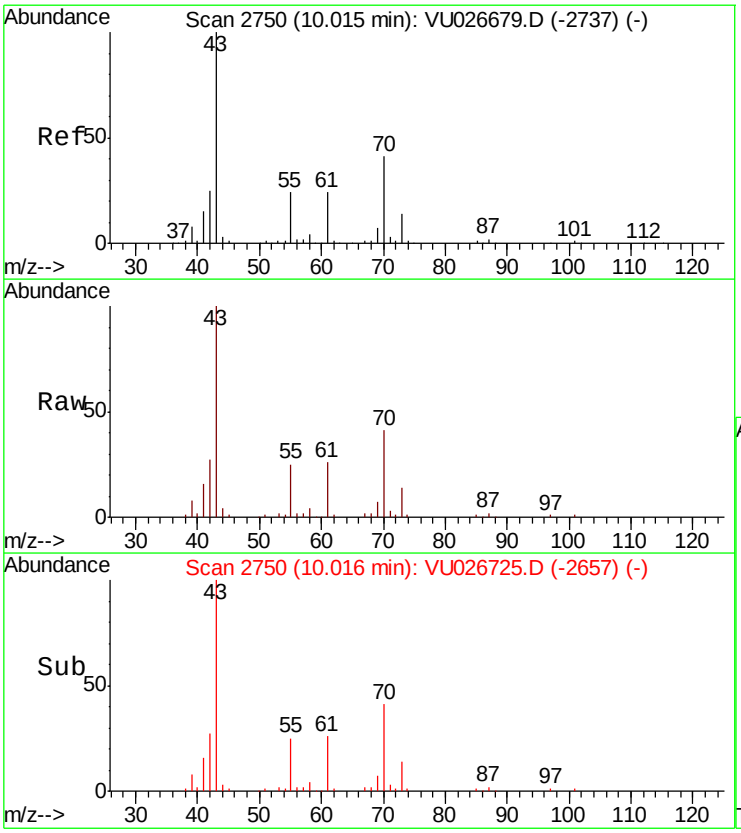

#73
Isopropylbenzene
Concen: 19.944 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :** MSVOA_U
**ClientSampleId :** VU0914MBSD01

Tgt Ion:105 Resp: 129453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.4 | 13.3 | 39.9 |

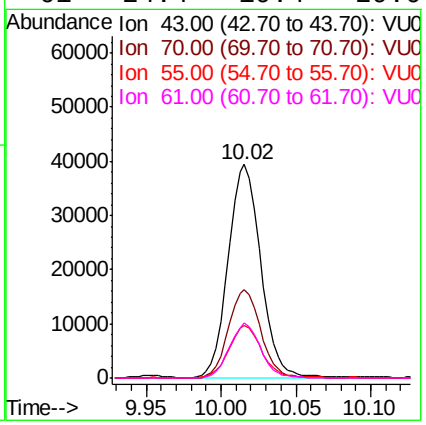


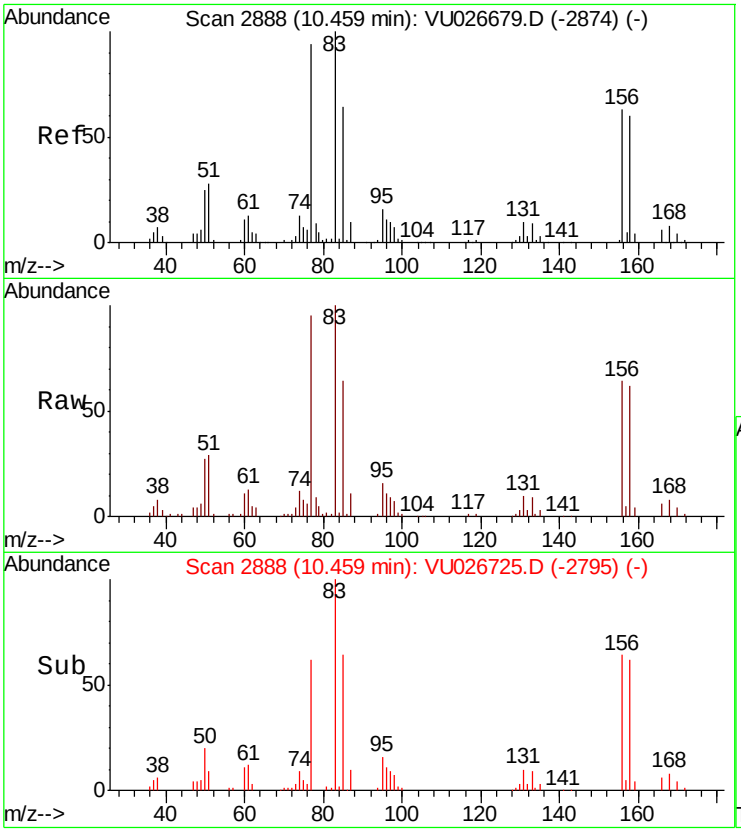




#74
N-amyl acetate
Concen: 19.608 ug/l
RT: 10.02 min Scan# 2750
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion: 43 Resp: 60086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 40.8 | 32.6 | 48.8 |
| 55 | 24.8 | 19.1 | 28.7 |
| 61 | 24.4 | 19.4 | 29.0 |



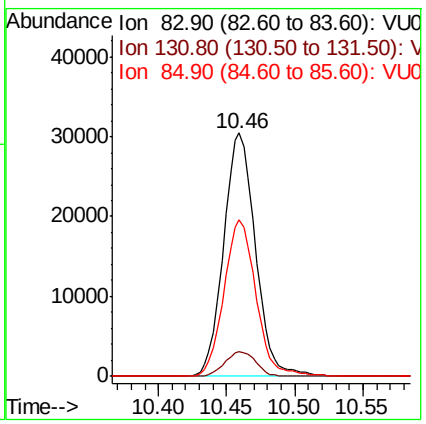


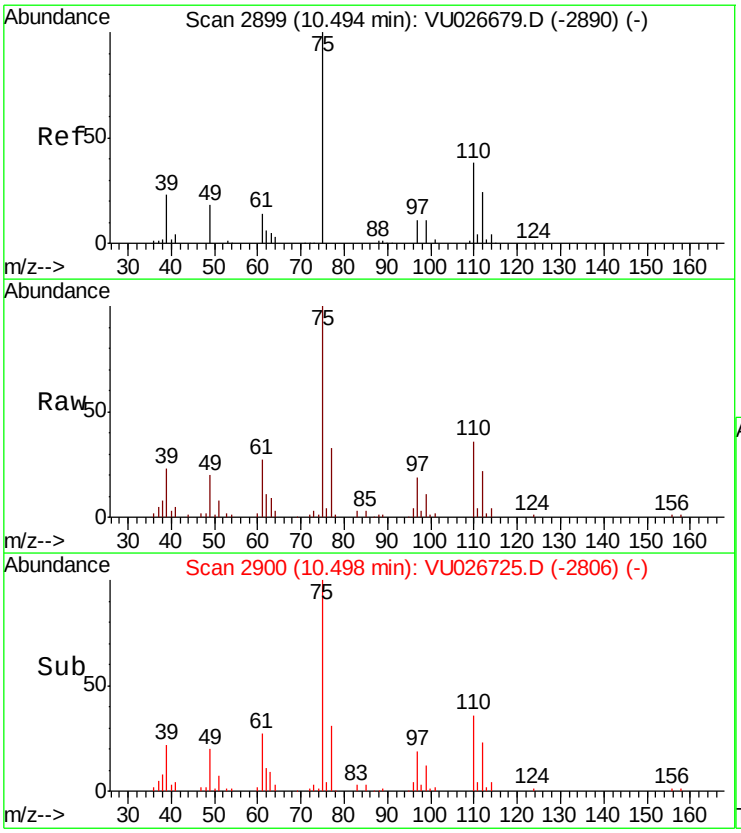

#75
1,1,2,2-Tetrachloroethane
Concen: 18.683 ug/l
RT: 10.46 min Scan# 2888
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0914MBSD01

Tgt Ion: 83 Resp: 49421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 9.7 | 4.9 | 14.6 |
| 85 | 64.7 | 32.3 | 96.9 |

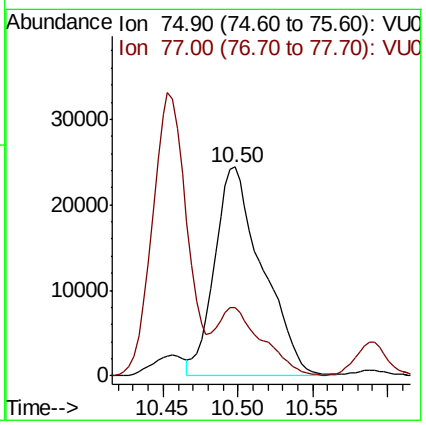


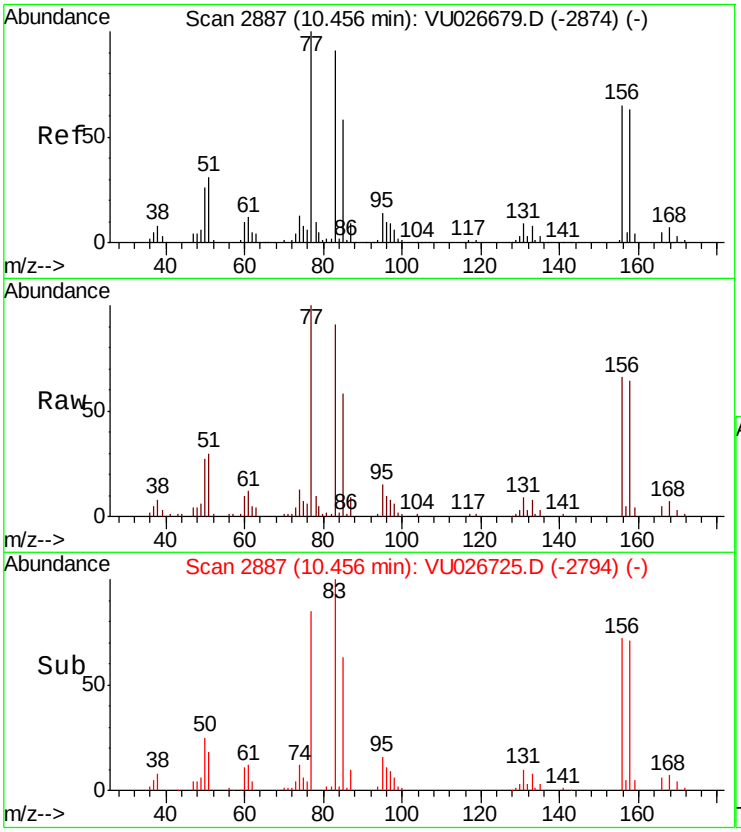




#76
1,2,3-Trichloropropane
Concen: 25.518 ug/l
RT: 10.50 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion: 75 Resp: 54447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.2 | 21.1 | 63.1 |



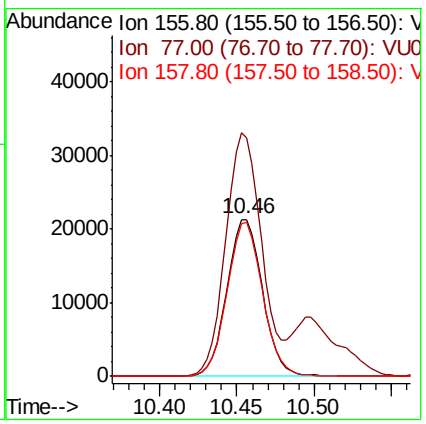


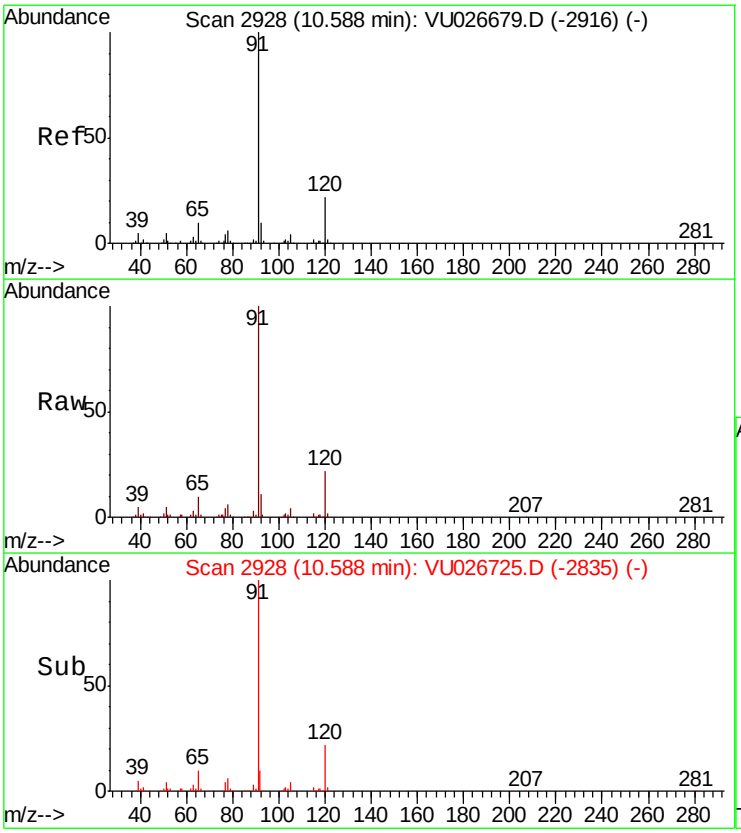

#77
Bromobenzene
Concen: 19.271 ug/l
RT: 10.46 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :** MSVOA_U
**ClientSampleId :** VU0914MBSD01

Tgt Ion:156 Resp: 33996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 155.4 | 77.6 | 232.9 |
| 158 | 97.5 | 48.9 | 146.6 |

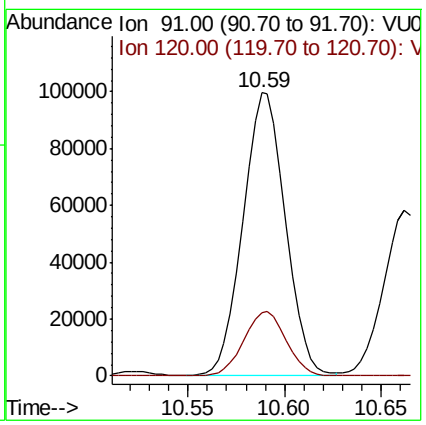


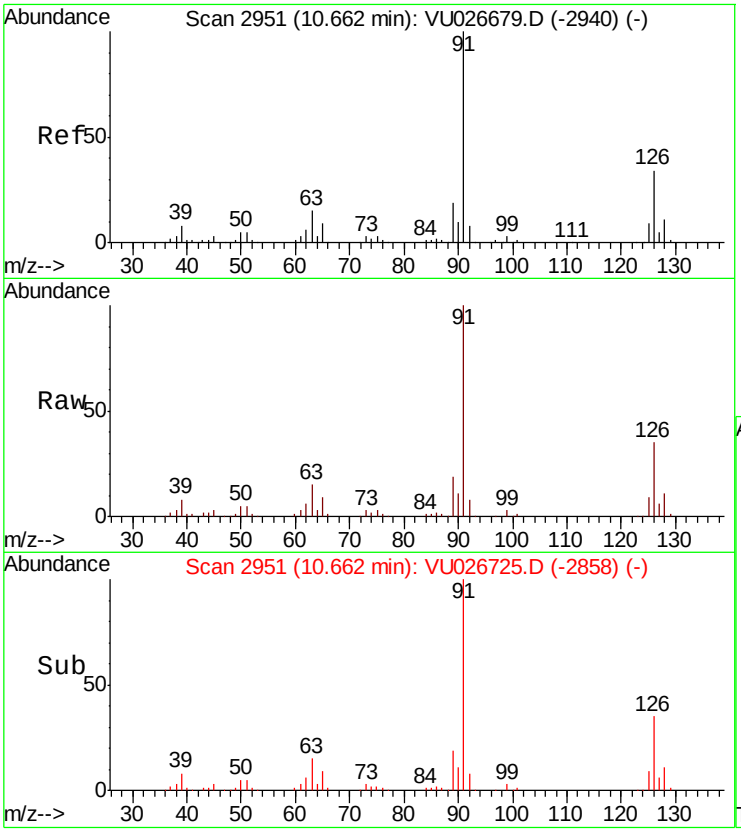




#78
n-propylbenzene
Concen: 20.086 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion: 91 Resp: 151633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.9 | 11.4 | 34.1 |



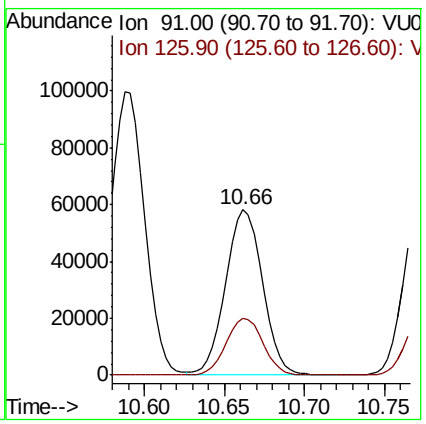


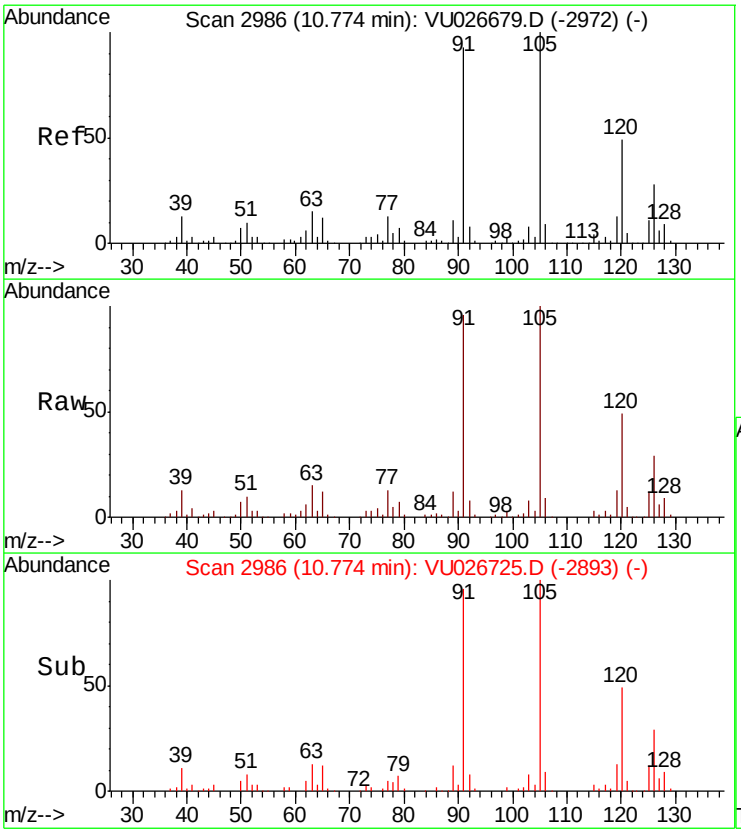

#79
2-Chlorotoluene
Concen: 19.459 ug/l
RT: 10.66 min Scan# 2951
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :** MSVOA_U
**ClientSampleId :** VU0914MBSD01

Tgt Ion: 91 Resp: 91062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 34.5 | 17.3 | 51.7 |

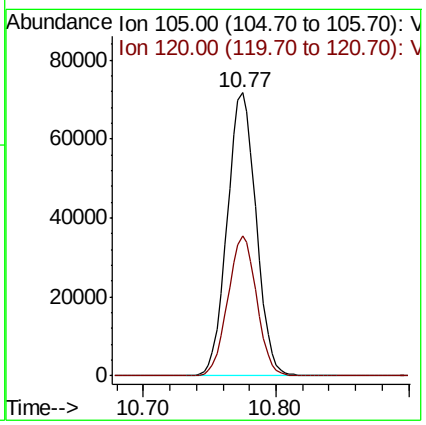


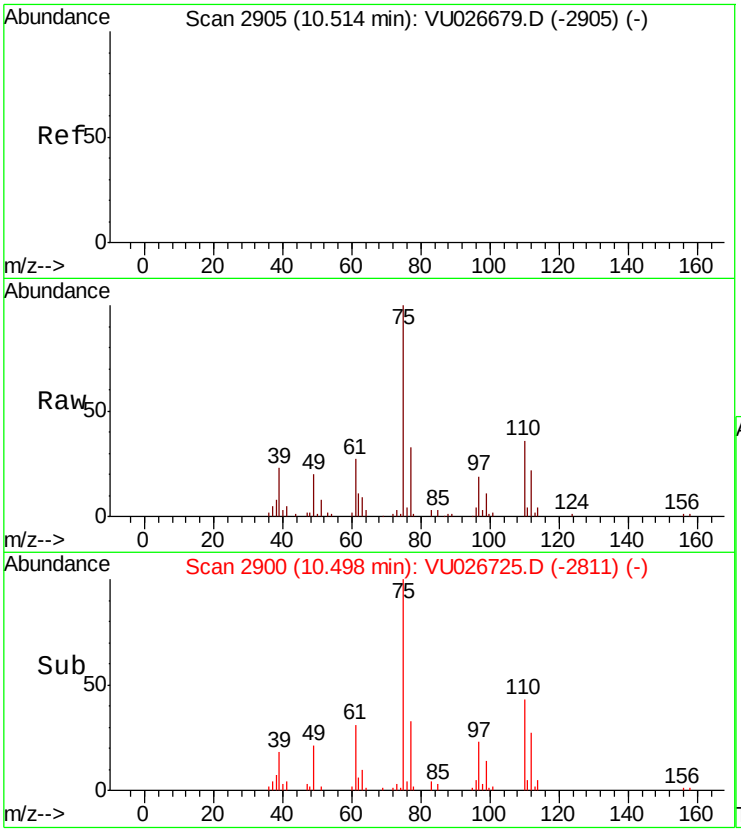




#80
1,3,5-Trimethylbenzene
Concen: 19.912 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion:105 Resp: 108638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 49.1 | 24.6 | 74.0 |



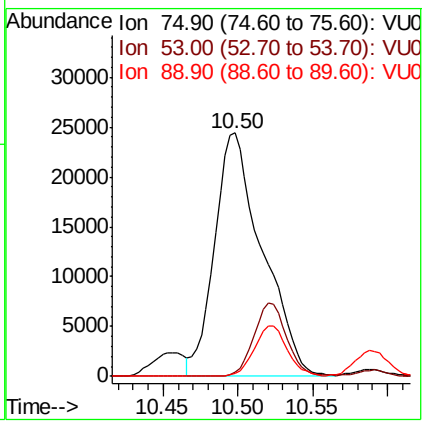


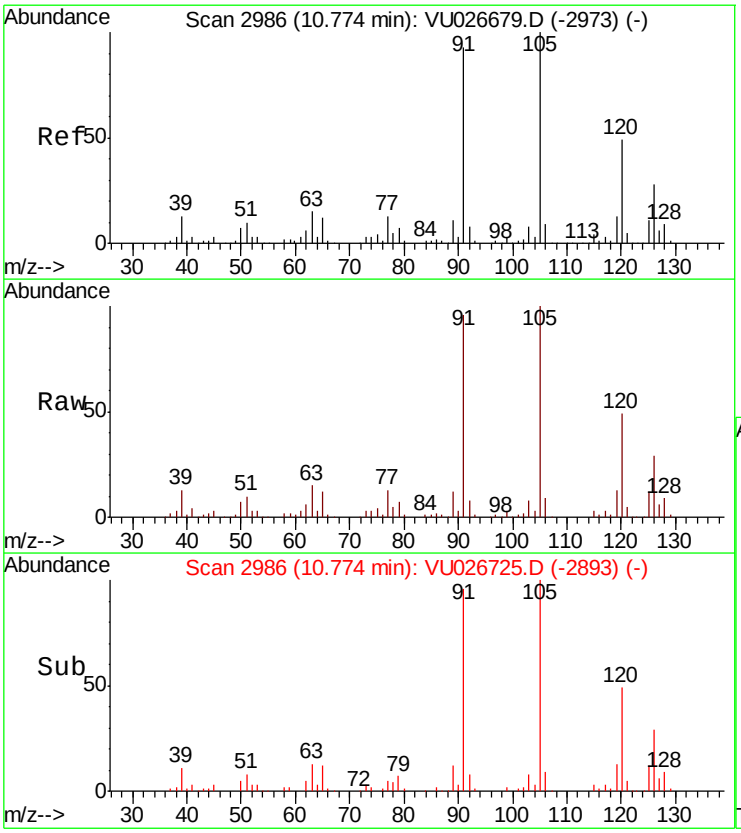

#81
trans-1,4-Dichloro-2-butene
Concen: 74.610 ug/l
RT: 10.50 min Scan# 2900
Delta R.T. -0.02 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0914MBSD01

Tgt Ion: 75 Resp: 54447

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

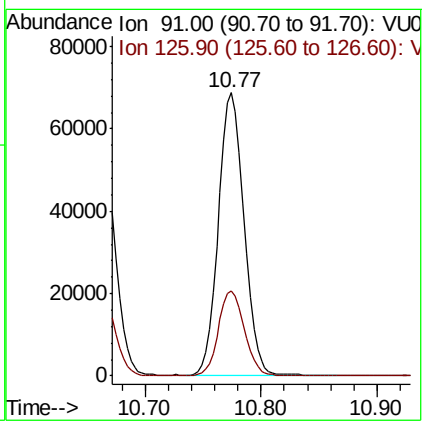


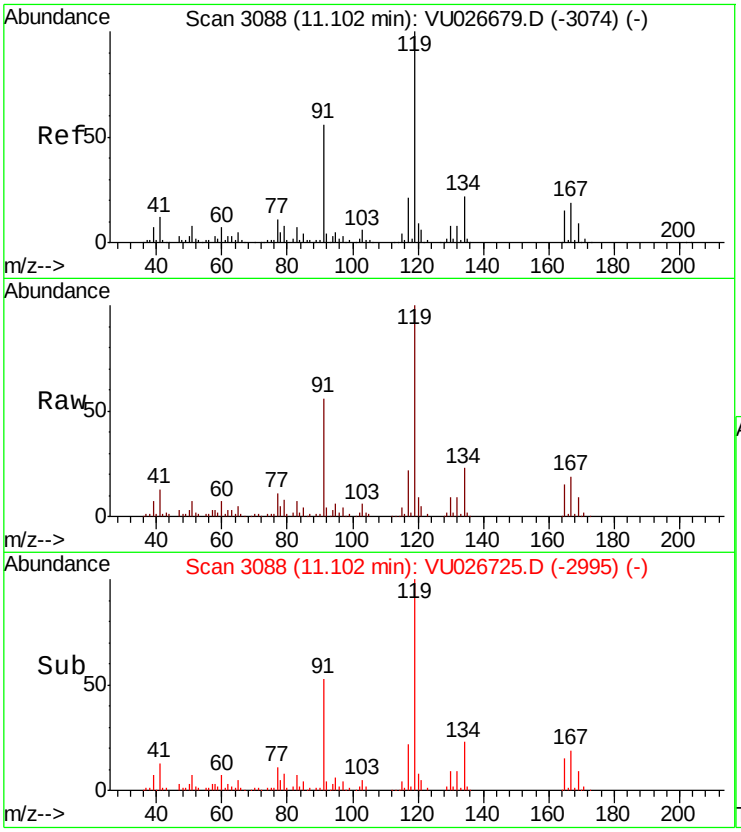




#82
4-Chlorotoluene
Concen: 20.102 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion: 91 Resp: 105692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 30.3 | 15.2 | 45.5 |



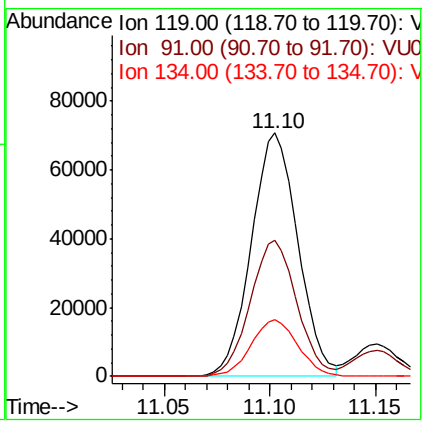


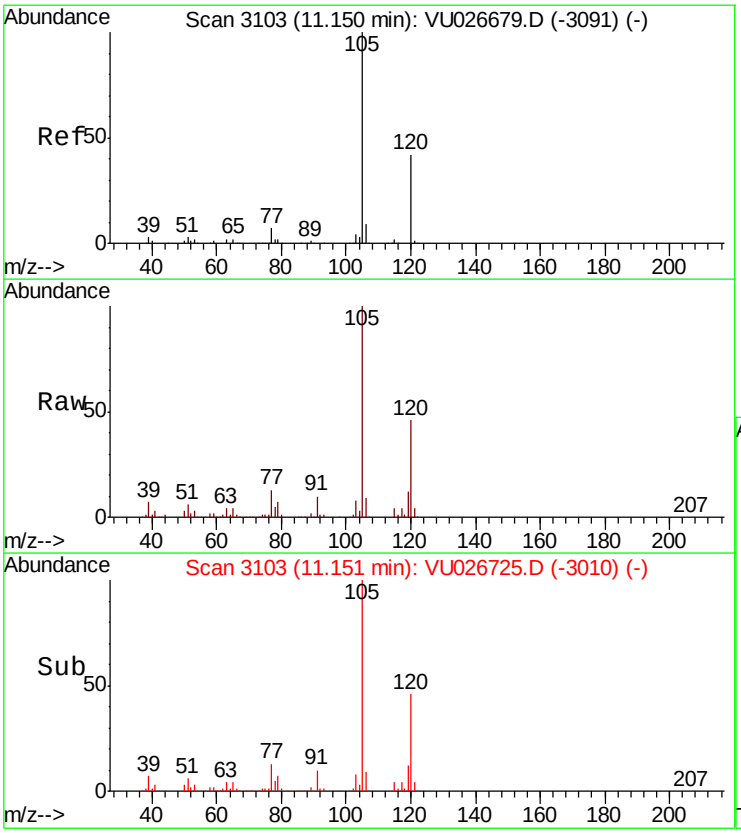

#83
tert-Butylbenzene
Concen: 19.644 ug/l
RT: 11.10 min Scan# 3088
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :** MSVOA_U
**ClientSampleId :** VU0914MBSD01

Tgt Ion:119 Resp: 108763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 56.0 | 28.3 | 85.0 |
| 134 | 23.2 | 11.2 | 33.5 |

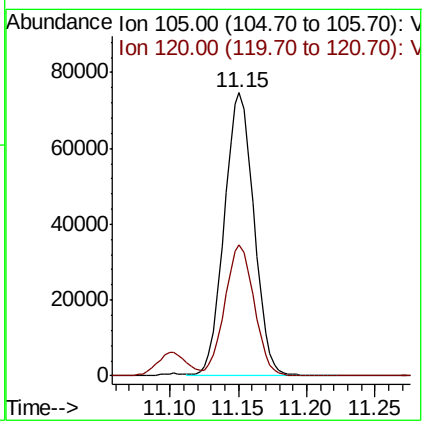


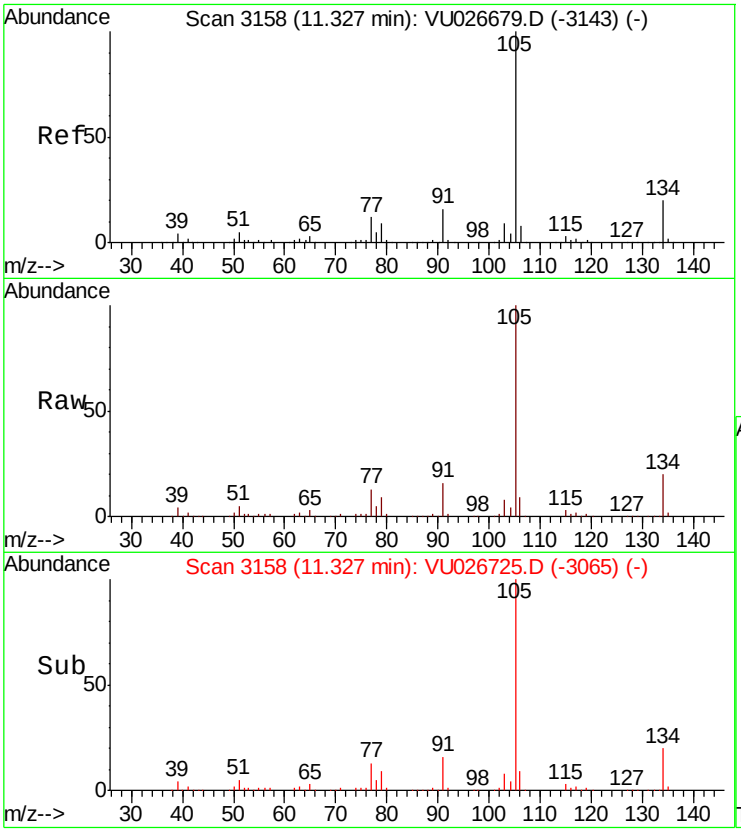




#84
1,2,4-Trimethylbenzene
Concen: 20.562 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion:105 Resp: 113149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.0 | 23.3 | 69.8 |



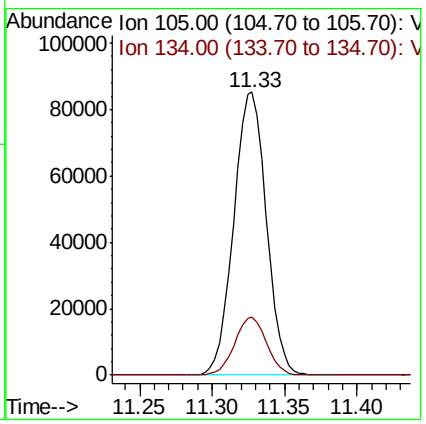


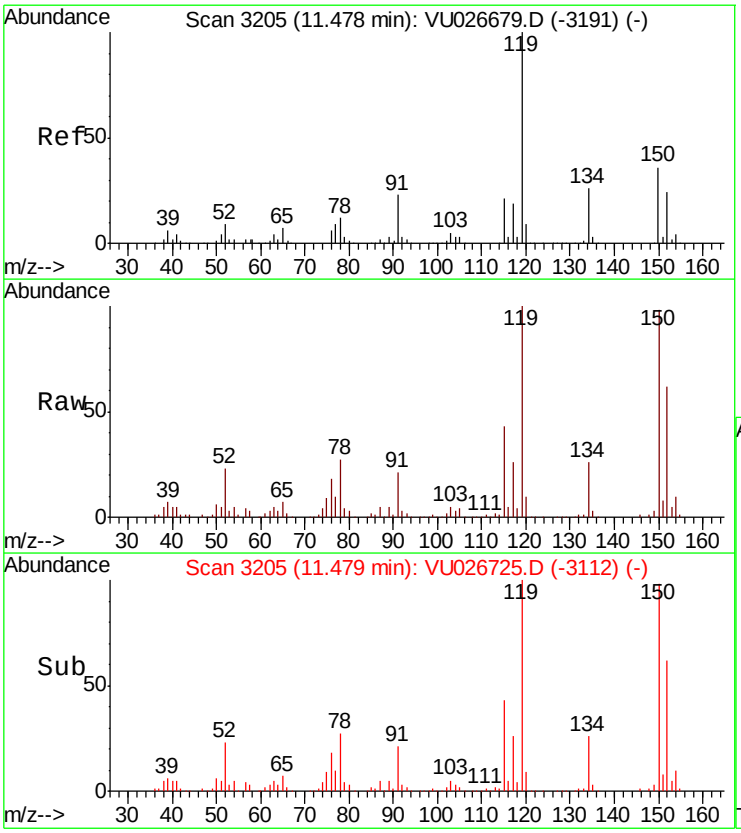

#85
sec-Butylbenzene
Concen: 20.174 ug/l
RT: 11.33 min Scan# 3158
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :** MSVOA_U
**ClientSampleId :** VU0914MBSD01

Tgt Ion:105 Resp: 132646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.0 | 10.1 | 30.1 |

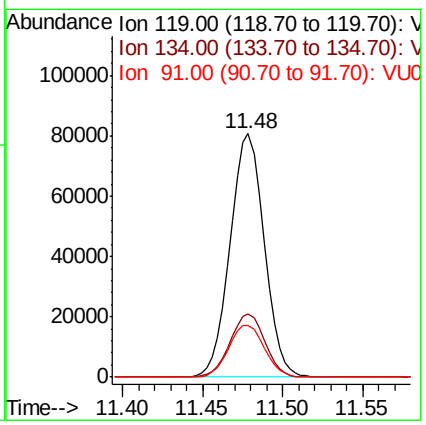


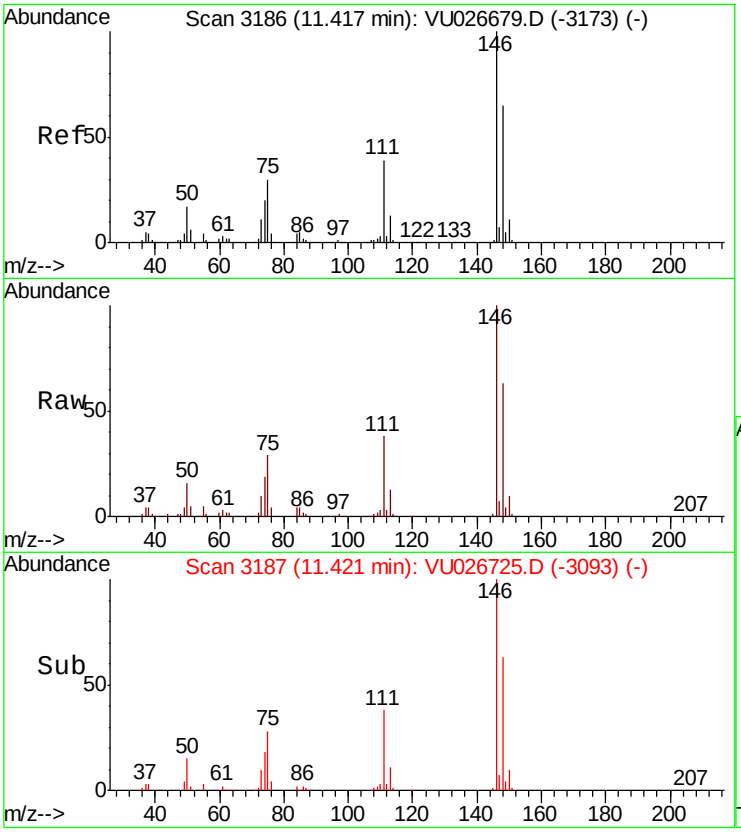




#86
p-Isopropyltoluene
Concen: 19.145 ug/l
RT: 11.48 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion:119 Resp: 116844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.5 | 13.2 | 39.5 |
| 91 | 22.5 | 11.6 | 34.8 |



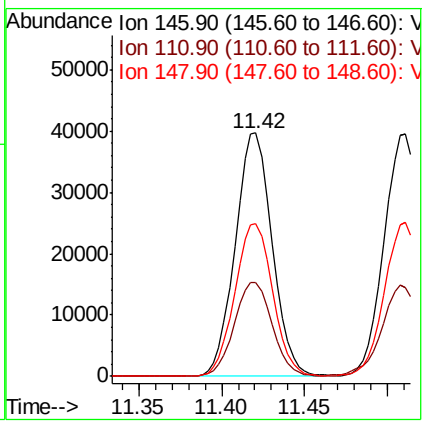


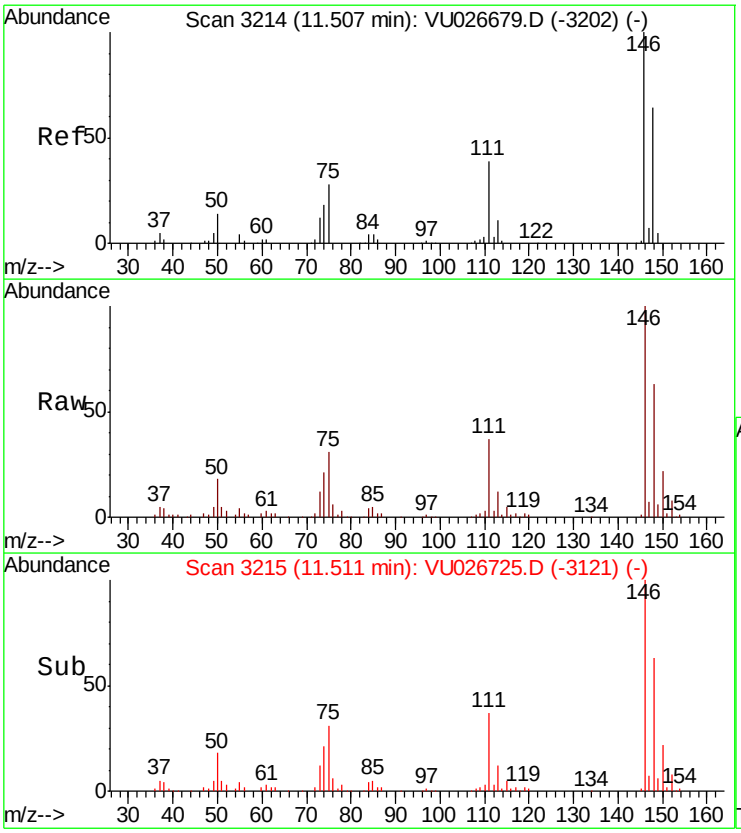

#87
1,3-Dichlorobenzene
Concen: 18.757 ug/l
RT: 11.42 min Scan# 3187
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0914MBSD01

Tgt Ion:146 Resp: 61729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.6 | 19.7 | 59.1 |
| 148 | 63.9 | 32.1 | 96.3 |

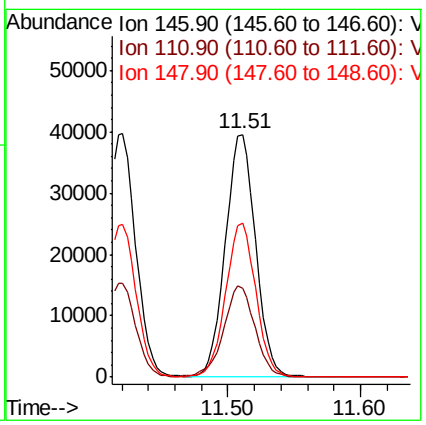


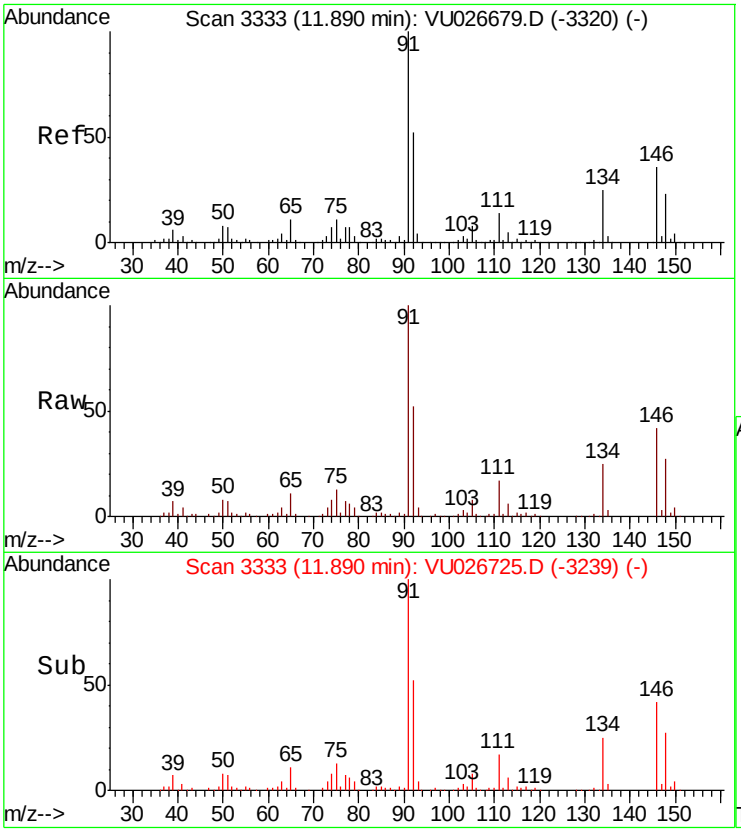




#88
1,4-Dichlorobenzene
Concen: 18.367 ug/l
RT: 11.51 min Scan# 3215
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion:146 Resp: 62773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.2 | 19.2 | 57.6 |
| 148 | 63.3 | 32.1 | 96.3 |



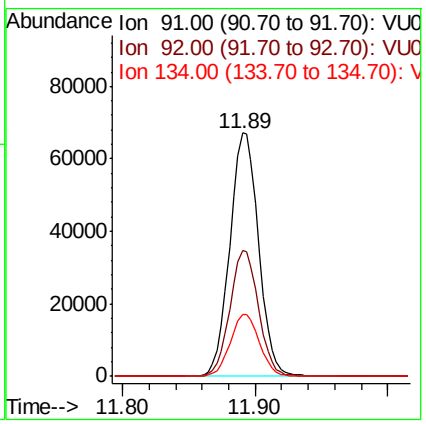


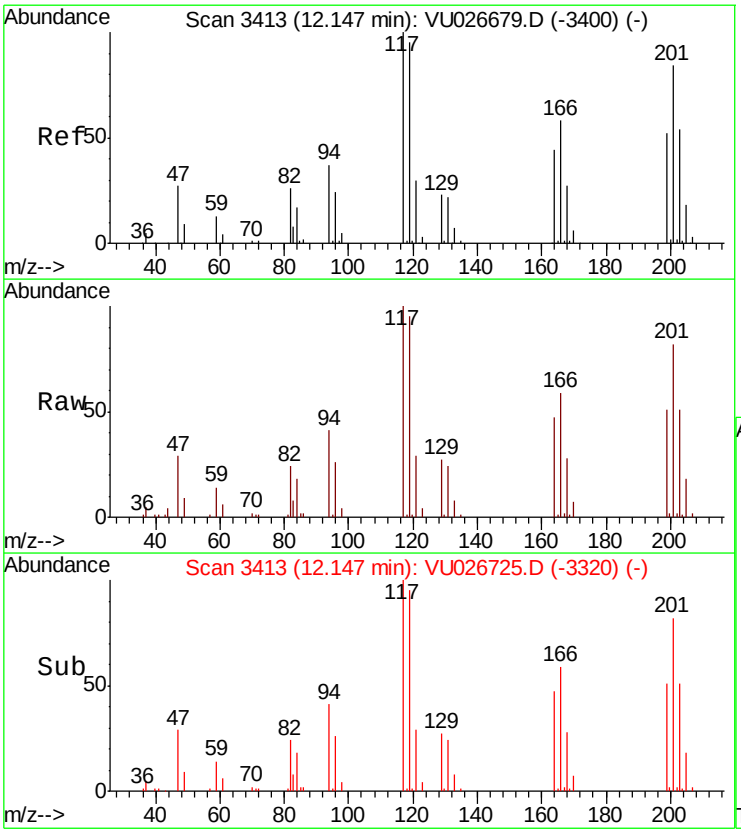

#89
n-Butylbenzene
Concen: 18.796 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :** MSVOA_U
**ClientSampleId :** VU0914MBSD01

Tgt Ion: 91 Resp: 101040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 51.2 | 25.8 | 77.3 |
| 134 | 25.8 | 12.6 | 37.8 |

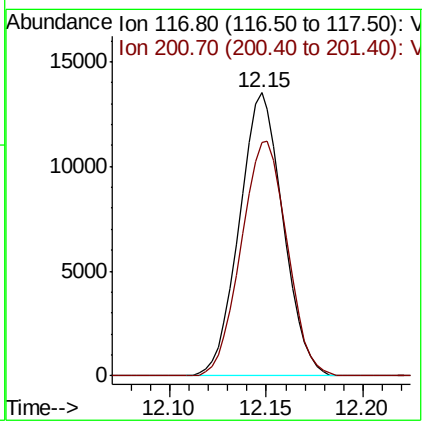


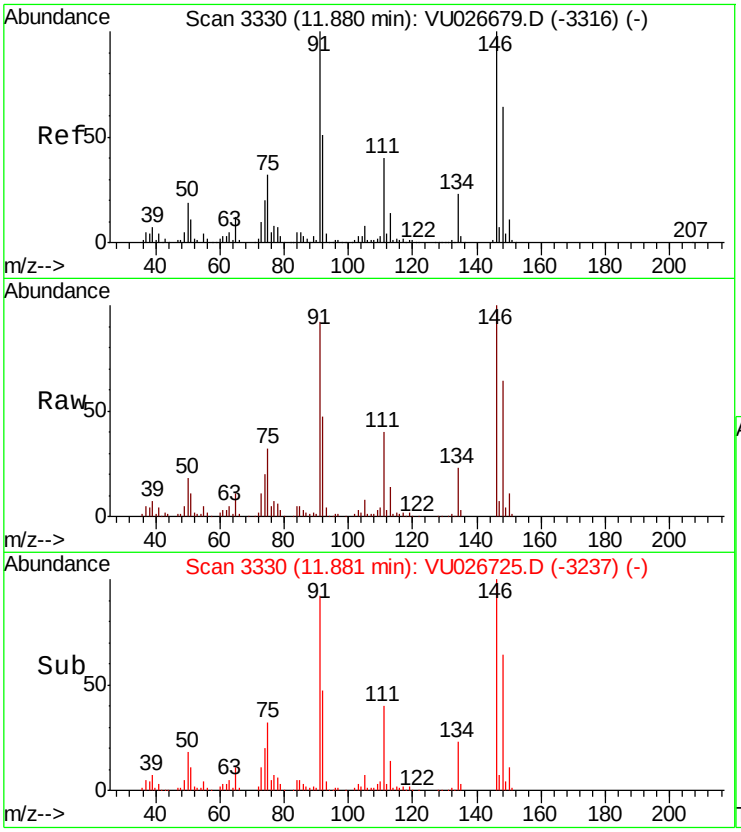




#90
Hexachloroethane
Concen: 18.342 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion:117 Resp: 21281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 87.1 | 42.4 | 127.1 |



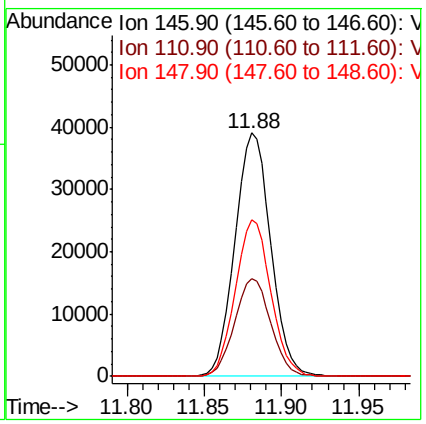


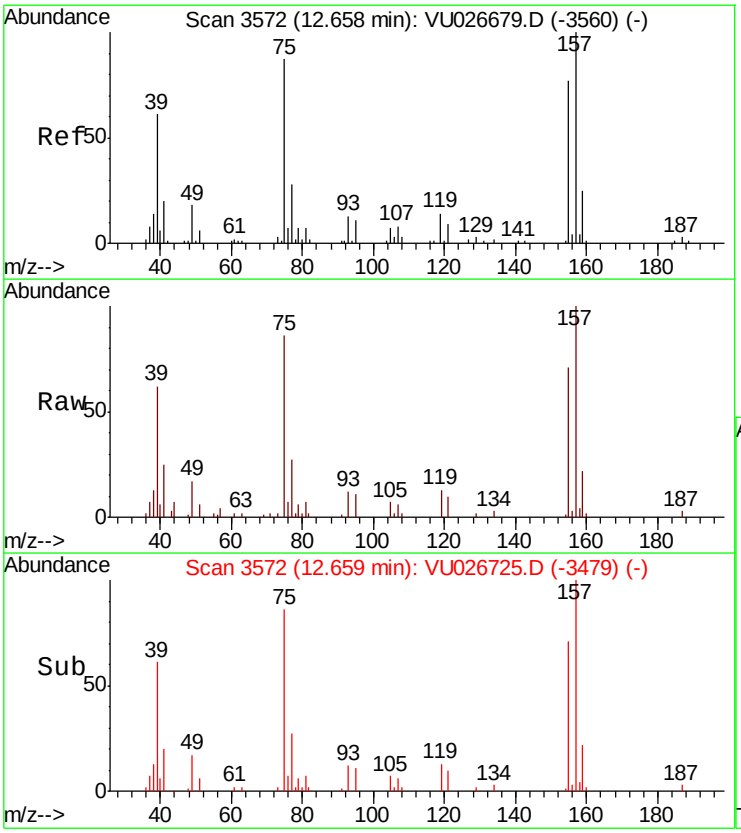

#91
1,2-Dichlorobenzene
Concen: 18.963 ug/l
RT: 11.88 min Scan# 3330
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0914MBSD01

Tgt Ion:146 Resp: 62777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.5 | 20.3 | 60.8 |
| 148 | 63.6 | 32.1 | 96.3 |

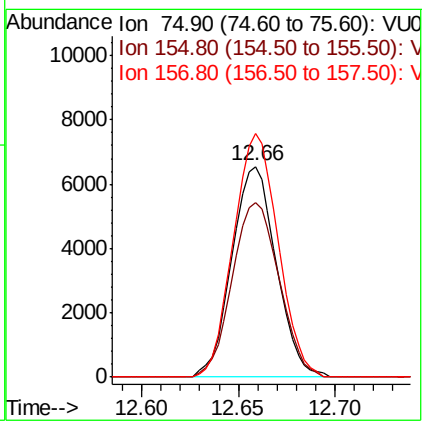


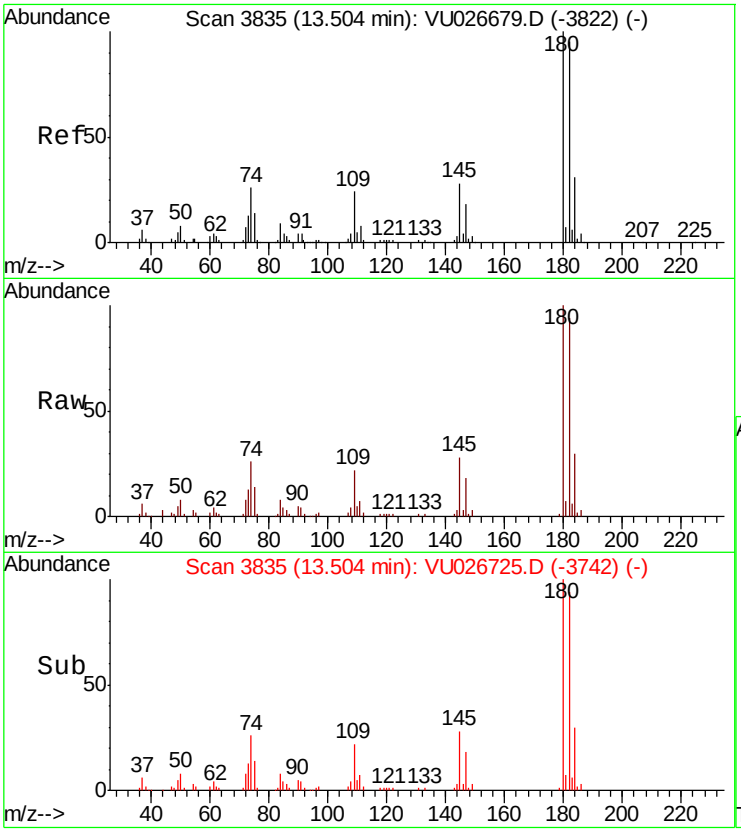




#92
1,2-Dibromo-3-Chloropropane
Concen: 19.681 ug/l
RT: 12.66 min Scan# 3572
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion: 75 Resp: 10438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 87.2 | 44.1 | 132.4 |
| 157 | 116.3 | 57.2 | 171.6 |



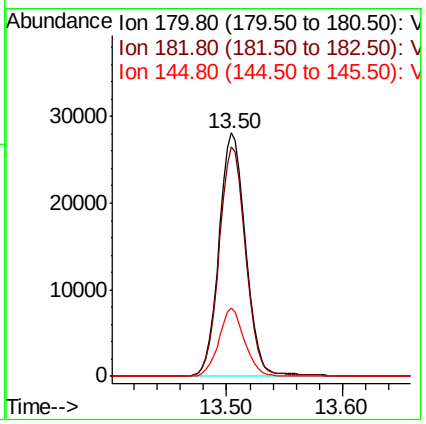


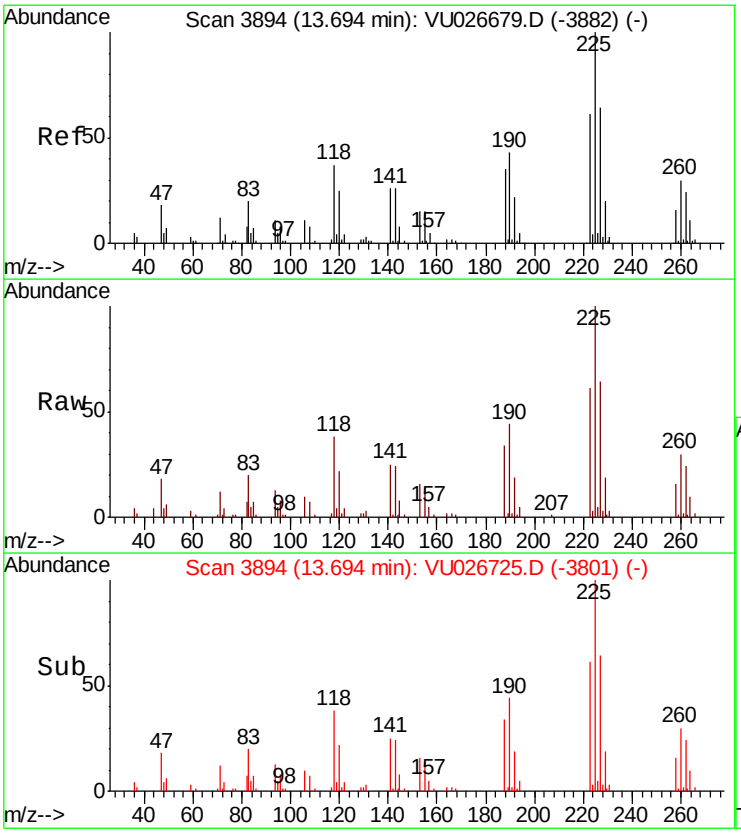

#93
1,2,4-Trichlorobenzene
Concen: 20.307 ug/l
RT: 13.50 min Scan# 3835
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0914MBSD01

Tgt Ion:180 Resp: 44644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.8 | 47.9 | 143.7 |
| 145 | 26.7 | 14.0 | 42.0 |

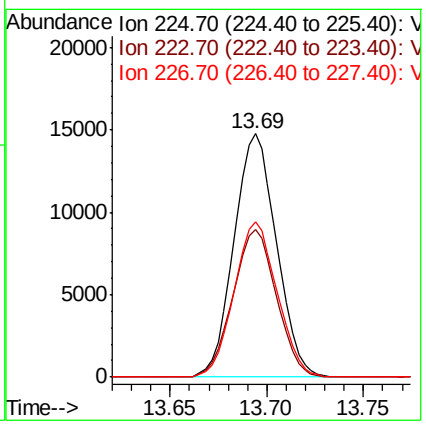


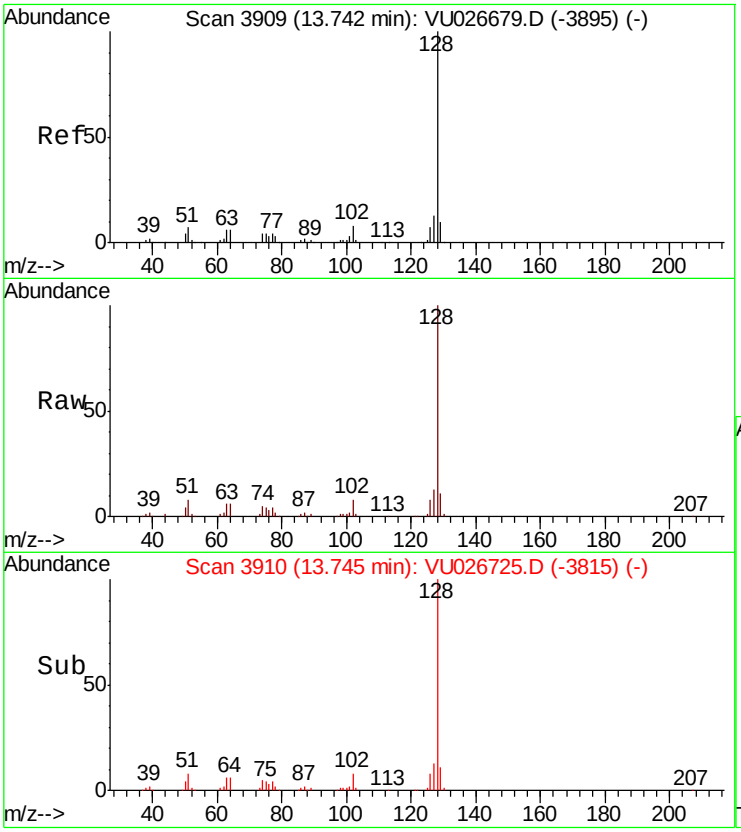




#94
Hexachlorobutadiene
Concen: 19.893 ug/l
RT: 13.69 min Scan# 3894
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion:225 Resp: 22498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.0 | 30.6 | 92.0 |
| 227 | 64.6 | 32.1 | 96.3 |



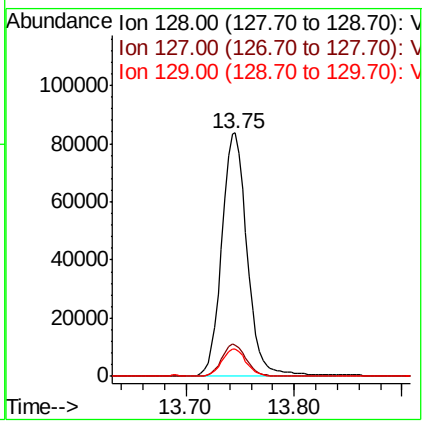


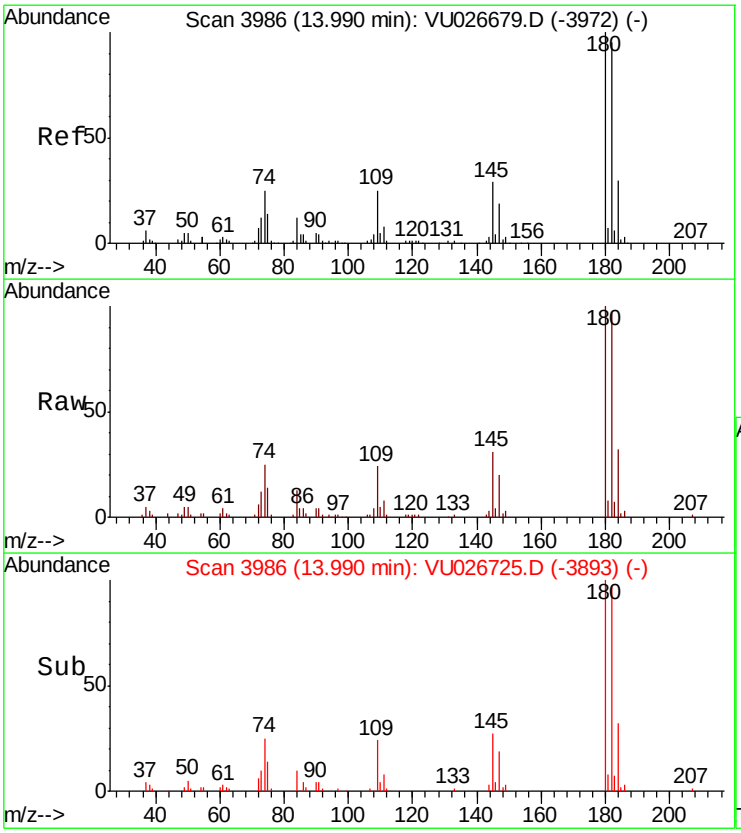

#95
Naphthalene
Concen: 19.207 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

**Instrument :**
MSVOA_U
**ClientSampleId :**
VU0914MBSD01

Tgt Ion:128 Resp: 137330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.9 | 10.4 | 15.6 |
| 129 | 11.0 | 8.6 | 12.8 |




#96
1,2,3-Trichlorobenzene
Concen: 20.011 ug/l
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU026725.D
Acq: 13 Sep 2018 11:06

Tgt Ion:180 Resp: 45944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.4 | 47.9 | 143.7 |
| 145 | 29.9 | 14.9 | 44.9 |