Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
Data File : VU028719.D
Acq On : 17 Dec 2018 14:42
Operator : MD/SY
Sample : VU1217WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Dec 18 03:07:46 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 | 90697 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 5.88 | 114 | 157150 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 9.09 | 117 | 144539 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 11.48 | 152 | 70044 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.31 | 65 | 70900 | 51.22 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.44% | | | |
| 35) Dibromofluoromethane | 4.88 | 113 | 53062 | 53.65 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 107.30% | | | |
| 50) Toluene-d8 | 7.56 | 98 | 208474 | 53.29 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 106.58% | | | |
| 62) 4-Bromofluorobenzene | 10.31 | 95 | 74342 | 50.84 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 101.68% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.21 | 85 | 24081 | 19.809 | ug/l | 98 |
| 3) Chloromethane | 1.33 | 50 | 42454 | 18.995 | ug/l | 100 |
| 4) Vinyl Chloride | 1.40 | 62 | 32126 | 19.918 | ug/l | 97 |
| 5) Bromomethane | 1.60 | 94 | 17003 | 26.170 | ug/l | 100 |
| 6) Chloroethane | 1.68 | 64 | 18328 | 20.072 | ug/l | 96 |
| 7) Trichlorofluoromethane | 1.87 | 101 | 34760 | 20.484 | ug/l | 97 |
| 8) Diethyl Ether | 2.10 | 74 | 15574 | 19.616 | ug/l | 99 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.28 | 101 | 20887 | 20.580 | ug/l | 99 |
| 10) Methyl Iodide | 2.41 | 142 | 21371 | 26.836 | ug/l | 100 |
| 11) Tert butyl alcohol | 2.83 | 59 | 32154 | 104.271 | ug/l | 100 |
| 12) 1,1-Dichloroethene | 2.28 | 96 | 20239 | 20.043 | ug/l | 92 |
| 13) Acrolein | 2.19 | 56 | 24264 | 98.702 | ug/l | 99 |
| 14) Allyl chloride | 2.59 | 41 | 50196 | 21.012 | ug/l | 93 |
| 15) Acrylonitrile | 2.94 | 53 | 89069 | 104.036 | ug/l | 100 |
| 16) Acetone | 2.32 | 43 | 72426 | 80.189 | ug/l | 97 |
| 17) Carbon Disulfide | 2.47 | 76 | 70911 | 19.493 | ug/l | 99 |
| 18) Methyl Acetate | 2.61 | 43 | 53239 | 22.739 | ug/l | 100 |
| 19) Methyl tert-butyl Ether | 3.00 | 73 | 78877 | 20.605 | ug/l | 99 |
| 20) Methylene Chloride | 2.70 | 84 | 25609 | 19.234 | ug/l | 98 |
| 21) trans-1,2-Dichloroethene | 2.98 | 96 | 22459 | 19.754 | ug/l | 96 |
| 22) Diisopropyl ether | 3.57 | 45 | 96208 | 20.710 | ug/l | 99 |
| 23) Vinyl Acetate | 3.52 | 43 | 386504 | 100.867 | ug/l | 99 |
| 24) 1,1-Dichloroethane | 3.44 | 63 | 49490 | 20.352 | ug/l | 99 |
| 25) 2-Butanone | 4.26 | 43 | 120183 | 97.370 | ug/l | 100 |
| 26) 2,2-Dichloropropane | 4.23 | 77 | 36440 | 18.912 | ug/l | 100 |
| 27) cis-1,2-Dichloroethene | 4.23 | 96 | 26452 | 20.555 | ug/l | 96 |
| 28) Bromochloromethane | 4.55 | 49 | 26479 | 23.953 | ug/l | 97 |
| 29) Tetrahydrofuran | 4.64 | 42 | 84081 | 106.068 | ug/l | 99 |
| 30) Chloroform | 4.67 | 83 | 44186 | 20.848 | ug/l | 98 |
| 31) Cyclohexane | 4.99 | 56 | 49083 | 19.965 | ug/l | 97 |
| 32) 1,1,1-Trichloroethane | 4.91 | 97 | 36406 | 20.682 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 5.13 | 75 | 33887 | 19.706 | ug/l | 99 |
| 37) Ethyl Acetate | 4.38 | 43 | 45137 | 20.304 | ug/l | 100 |
| 38) Carbon Tetrachloride | 5.13 | 117 | 28996 | 20.920 | ug/l | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
Data File : VU028719.D
Acq On : 17 Dec 2018 14:42
Operator : MD/SY
Sample : VU1217WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Dec 18 03:07:46 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 | 6.41 | 83 | 40647 | 19.374 | ug/l | | 98 |
| 40) Benzene | 5.39 | 78 | 104477 | 20.628 | ug/l | | 99 |
| 41) Methacrylonitrile | 4.54 | 41 | 26176 | 21.501 | ug/l | | 98 |
| 42) 1,2-Dichloroethane | 5.40 | 62 | 36048 | 20.333 | ug/l | | 99 |
| 43) Isopropyl Acetate | 5.55 | 43 | 73430 | 20.884 | ug/l | | 99 |
| 44) Trichloroethene | 6.18 | 130 | 23747 | 21.087 | ug/l | | 94 |
| 45) 1,2-Dichloropropane | 6.43 | 63 | 30381 | 21.331 | ug/l | | 93 |
| 46) Dibromomethane | 6.56 | 93 | 18371 | 21.739 | ug/l | | 98 |
| 47) Bromodichloromethane | 6.76 | 83 | 34862 | 21.200 | ug/l | | 97 |
| 48) Methyl methacrylate | 6.62 | 41 | 36579 | 20.919 | ug/l | | 98 |
| 49) 1,4-Dioxane | 6.61 | 88 | 11867 | 429.812 | ug/l | | 98 |
| 51) 4-Methyl-2-Pentanone | 7.46 | 43 | 233771 | 105.412 | ug/l | | 99 |
| 52) Toluene | 7.64 | 92 | 61135 | 20.510 | ug/l | | 98 |
| 53) t-1,3-Dichloropropene | 7.88 | 75 | 40136 | 20.493 | ug/l | | 97 |
| 54) cis-1,3-Dichloropropene | 7.27 | 75 | 43880 | 20.651 | ug/l | | 97 |
| 55) 1,1,2-Trichloroethane | 8.06 | 97 | 25345 | 21.510 | ug/l | | 96 |
| 56) Ethyl methacrylate | 8.02 | 69 | 42579 | 21.103 | ug/l | | 98 |
| 57) 1,3-Dichloropropane | 8.24 | 76 | 45790 | 20.935 | ug/l | | 98 |
| 58) 2-Chloroethyl Vinyl ether | 7.13 | 63 | 105646 | 102.223 | ug/l | | 100 |
| 59) 2-Hexanone | 8.36 | 43 | 179390 | 102.057 | ug/l | | 99 |
| 60) Dibromochloromethane | 8.48 | 129 | 24431 | 21.178 | ug/l | | 97 |
| 61) 1,2-Dibromoethane | 8.58 | 107 | 26867 | 21.744 | ug/l | | 99 |
| 64) Tetrachloroethene | 8.22 | 164 | 20034 | 20.780 | ug/l | | 98 |
| 65) Chlorobenzene | 9.12 | 112 | 65453 | 21.251 | ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 9.21 | 131 | 21904 | 22.271 | ug/l | | 99 |
| 67) Ethyl Benzene | 9.25 | 91 | 117294 | 20.716 | ug/l | | 100 |
| 68) m/p-Xylenes | 9.37 | 106 | 86303 | 41.890 | ug/l | | 99 |
| 69) o-Xylene | 9.78 | 106 | 42061 | 21.008 | ug/l | | 99 |
| 70) Styrene | 9.79 | 104 | 68900 | 20.794 | ug/l | | 99 |
| 71) Bromoform | 9.96 | 173 | 19518 | 23.328 | ug/l | # | 99 |
| 73) Isopropylbenzene | 10.16 | 105 | 115234 | 21.440 | ug/l | | 100 |
| 74) N-amyl acetate | 10.01 | 43 | 63577 | 20.507 | ug/l | | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 10.46 | 83 | 46967 | 22.748 | ug/l | | 97 |
| 76) 1,2,3-Trichloropropane | 10.49 | 75 | 53691 | 30.019 | ug/l | | 82 |
| 77) Bromobenzene | 10.45 | 156 | 27013 | 21.490 | ug/l | | 99 |
| 78) n-propylbenzene | 10.58 | 91 | 145518 | 21.789 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 10.66 | 91 | 81420 | 21.164 | ug/l | | 98 |
| 80) 1,3,5-Trimethylbenzene | 10.77 | 105 | 92727 | 20.842 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-buten | 10.49 | 75 | 53691 | 73.557 | ug/l | # | 100 |
| 82) 4-Chlorotoluene | 10.77 | 91 | 92910 | 20.380 | ug/l | | 100 |
| 83) tert-Butylbenzene | 11.10 | 119 | 91719 | 21.388 | ug/l | | 98 |
| 84) 1,2,4-Trimethylbenzene | 11.15 | 105 | 103073 | 22.480 | ug/l | | 99 |
| 85) sec-Butylbenzene | 11.32 | 105 | 114682 | 20.817 | ug/l | | 99 |
| 86) p-Isopropyltoluene | 11.47 | 119 | 93932 | 20.072 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 11.41 | 146 | 49386 | 20.807 | ug/l | | 98 |
| 88) 1,4-Dichlorobenzene | 11.50 | 146 | 48354 | 19.690 | ug/l | | 95 |
| 89) n-Butylbenzene | 11.89 | 91 | 90272 | 19.060 | ug/l | | 98 |
| 90) Hexachloroethane | 12.14 | 117 | 15995 | 22.613 | ug/l | | 96 |
| 91) 1,2-Dichlorobenzene | 11.88 | 146 | 49532 | 20.862 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 12.66 | 75 | 10009 | 22.392 | ug/l | | 93 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121718\
Data File : VU028719.D
Acq On : 17 Dec 2018 14:42
Operator : MD/SY
Sample : VU1217WBS01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Dec 18 03:07:46 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 | 31961 | 20.103 ug/l | 98 |
| 94) Hexachlorobutadiene | 13.69 | 225 | 14597 | 18.769 ug/l | 97 |
| 95) Naphthalene | 13.74 | 128 | 113673 | 19.952 ug/l | 99 |
| 96) 1,2,3-Trichlorobenzene | 13.99 | 180 | 32626 | 20.181 ug/l | 99 |

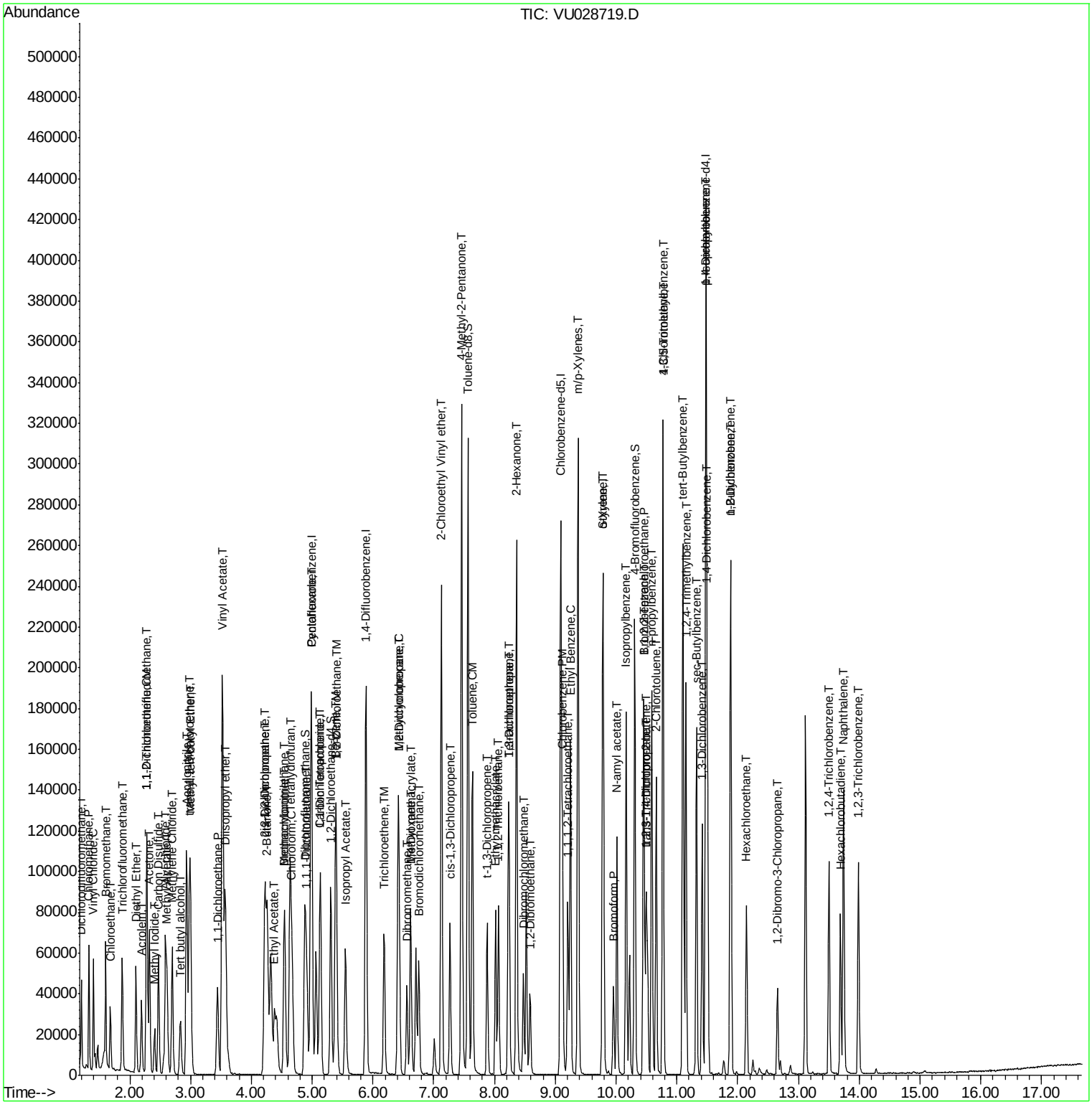
(#) = qualifier out of range (m) = manual integration (+) = signals summed

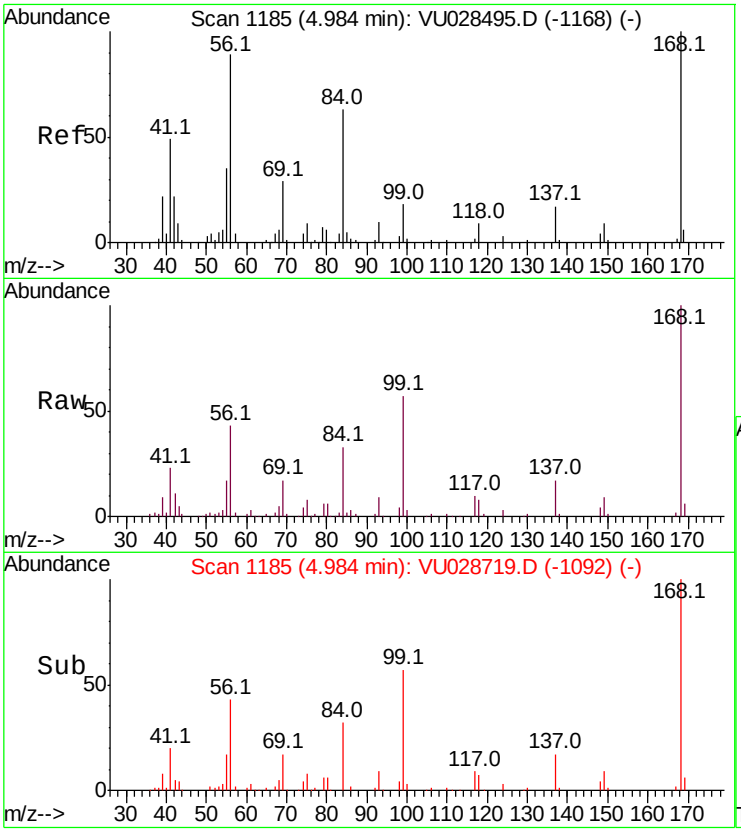
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
Data File : VU028719.D
Acq On : 17 Dec 2018 14:42
Operator : MD/SY
Sample : VU1217WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Dec 18 03:07:46 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



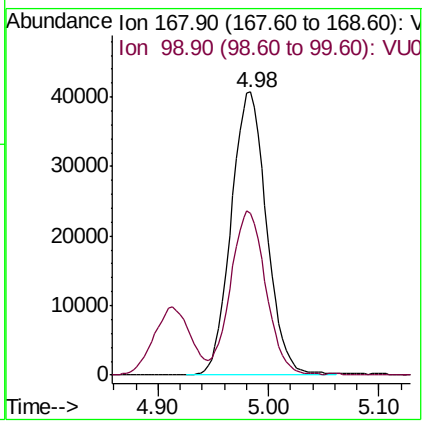


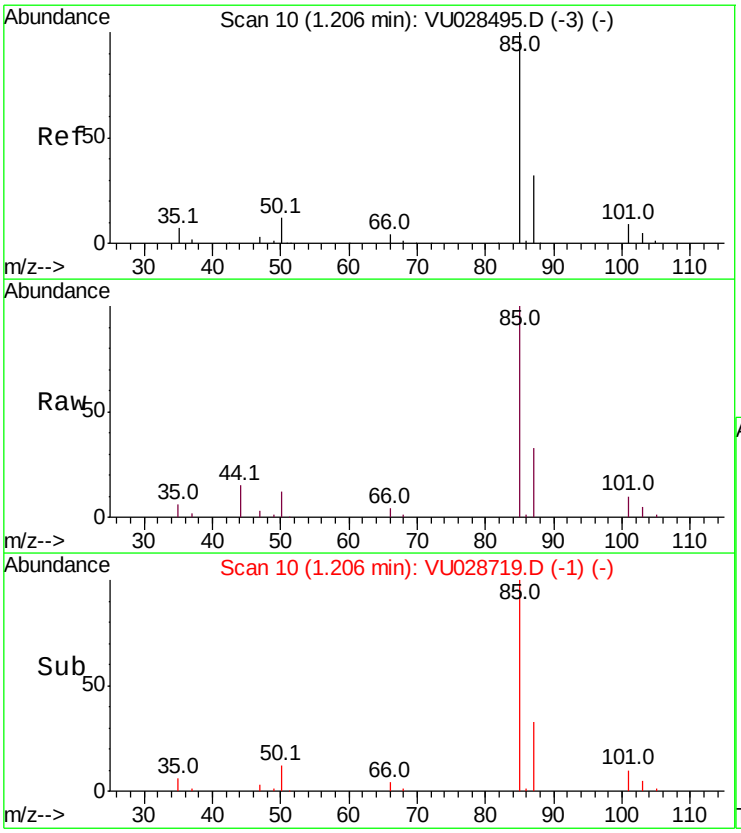

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion:168 Resp: 90697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 56.5 | 46.6 | 69.8 |

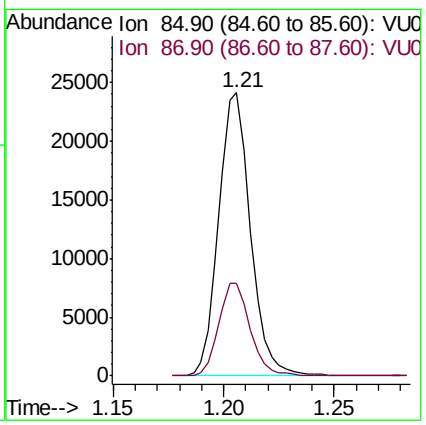


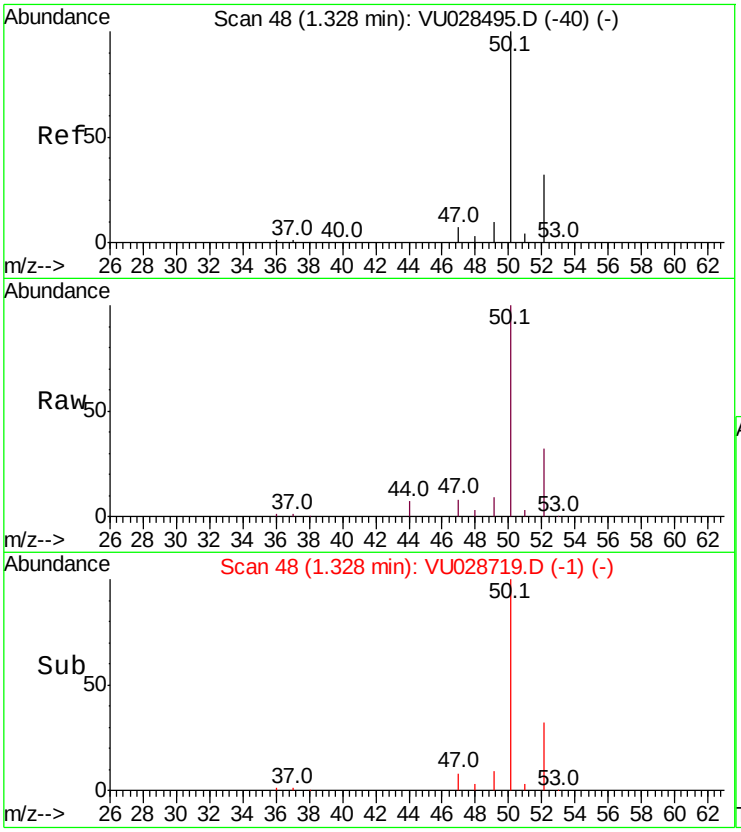




#2
Dichlorodifluoromethane
Concen: 19.809 ug/l
RT: 1.21 min Scan# 10
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion: 85 Resp: 24081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.9 | 15.9 | 47.6 |



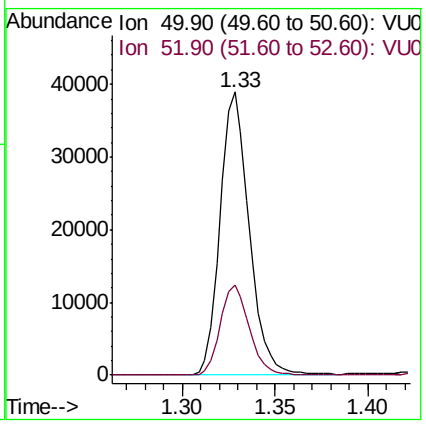


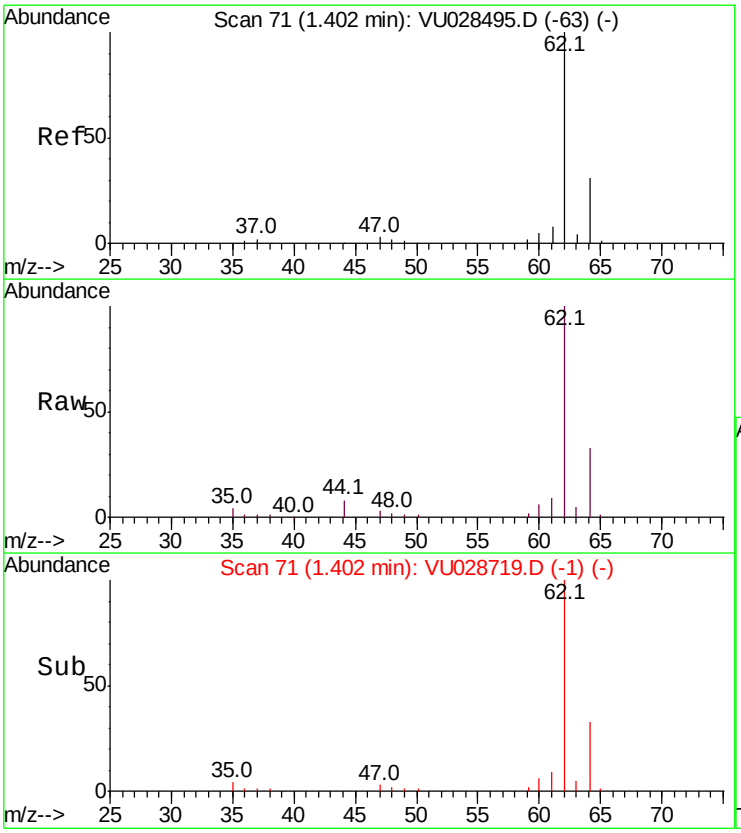

#3
Chloromethane
Concen: 18.995 ug/l
RT: 1.33 min Scan# 48
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion: 50 Resp: 42454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 31.7 | 25.5 | 38.3 |

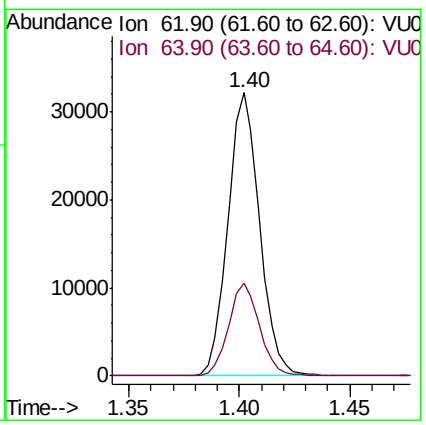


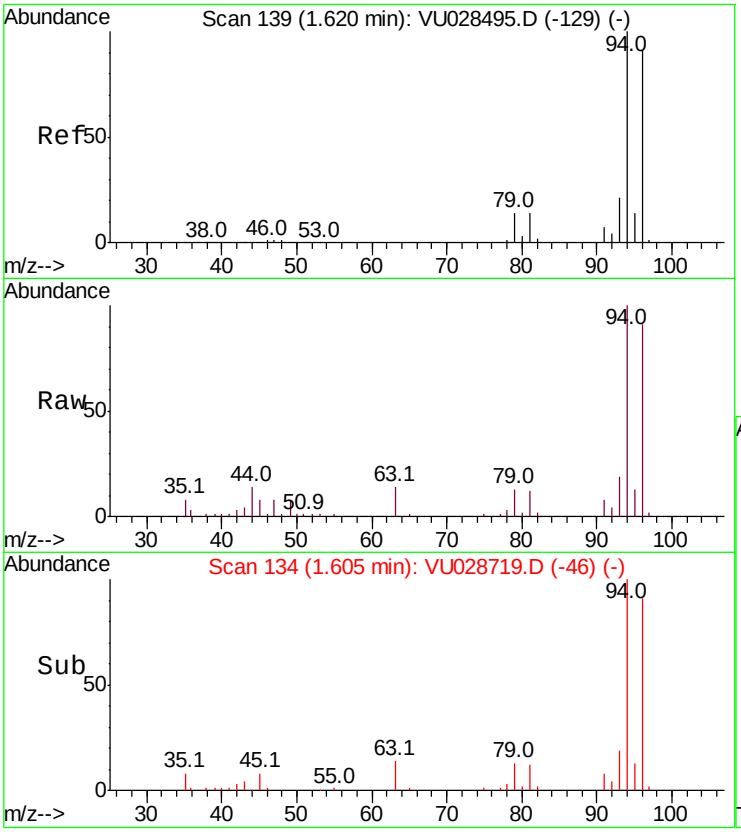




#4
Vinyl Chloride
Concen: 19.918 ug/l
RT: 1.40 min Scan# 71
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion: 62 Resp: 32126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.9 | 25.1 | 37.7 |



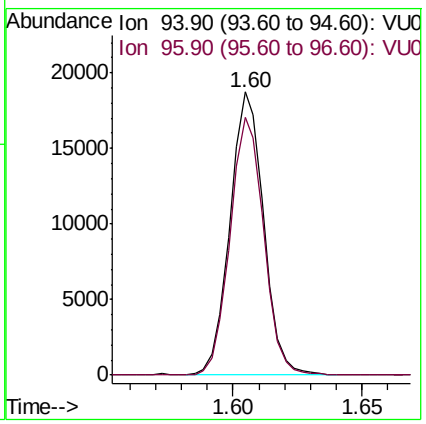


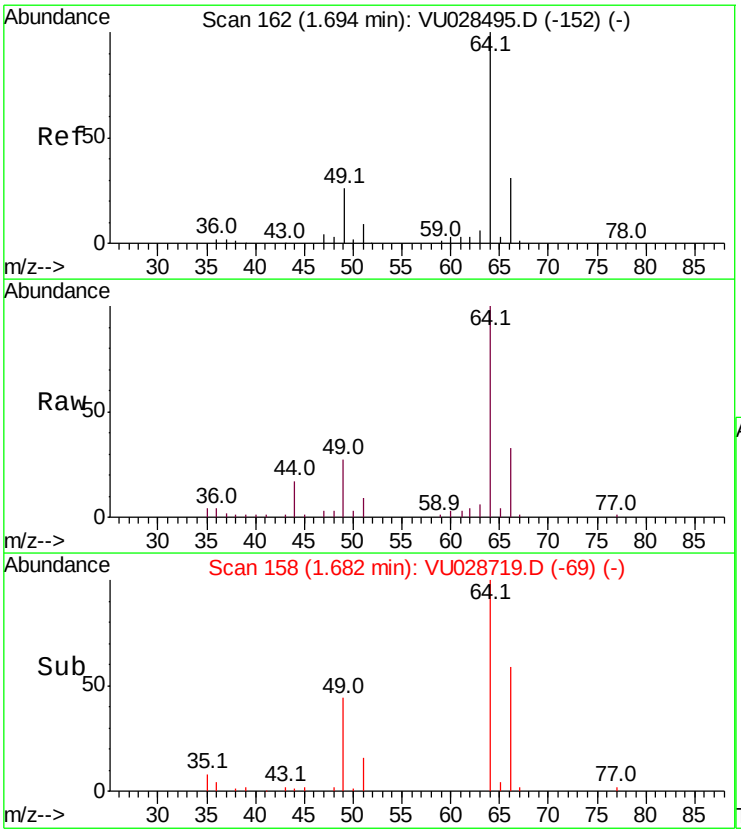

#5
Bromomethane
Concen: 26.170 ug/l
RT: 1.60 min Scan# 134
Delta R.T. -0.02 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion: 94 Resp: 17003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 91.2 | 73.2 | 109.8 |

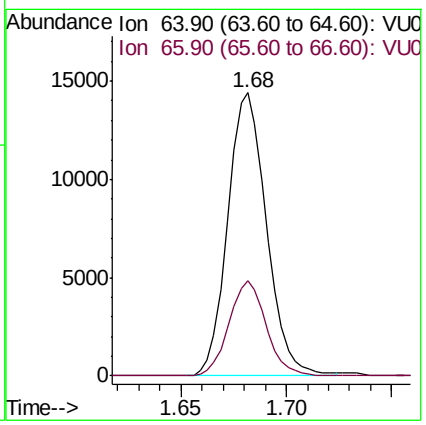


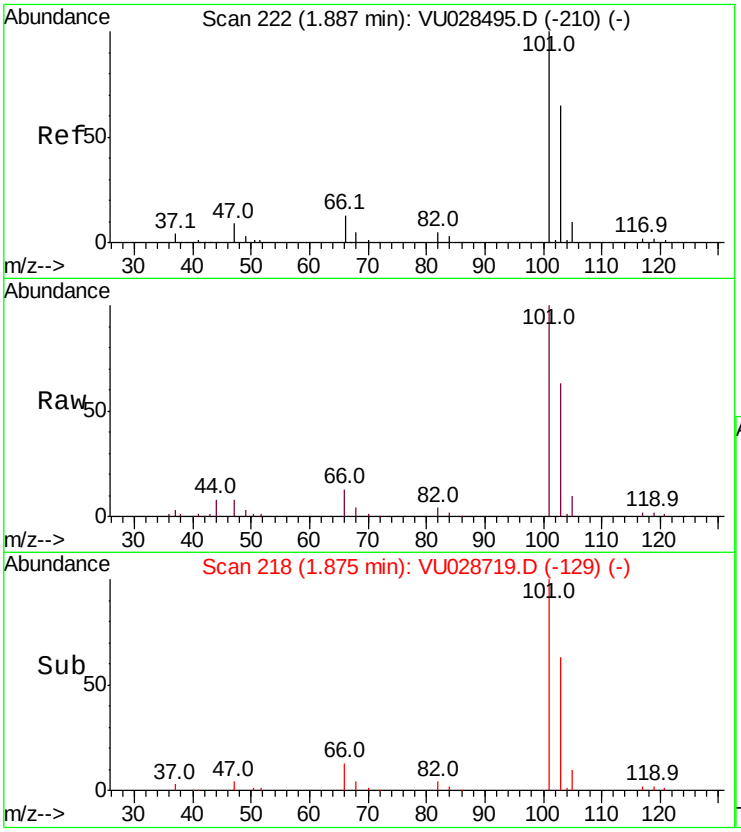




#6
Chloroethane
Concen: 20.072 ug/l
RT: 1.68 min Scan# 158
Delta R.T. -0.01 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion: 64 Resp: 18328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 33.4 | 25.0 | 37.6 |

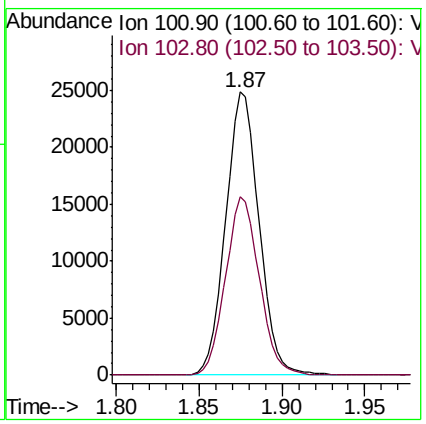




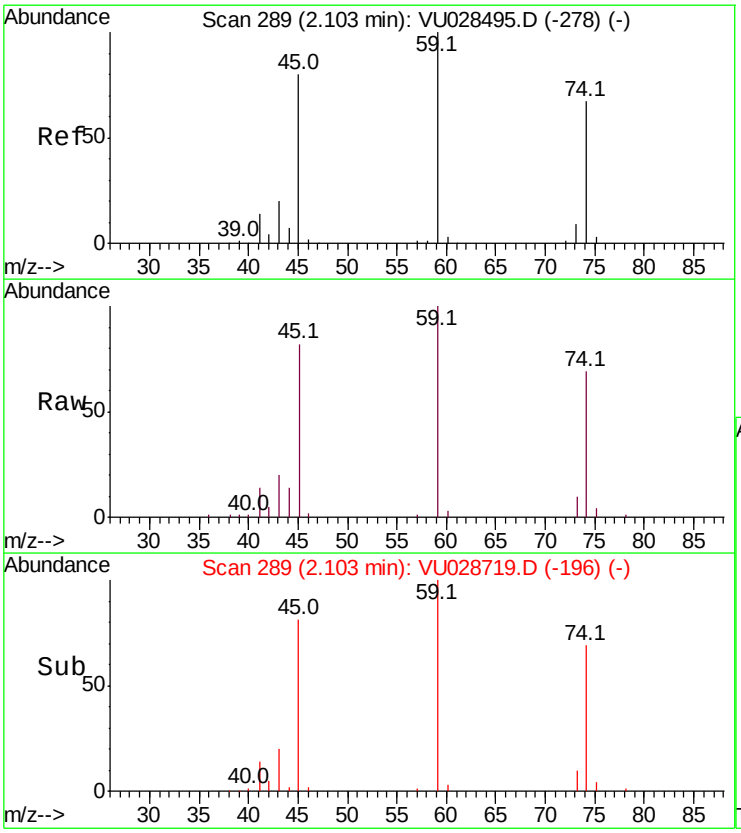

#7
Trichlorofluoromethane
Concen: 20.484 ug/l
RT: 1.87 min Scan# 218
Delta R.T. -0.01 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion:101 Resp: 34760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 62.9 | 52.3 | 78.5 |



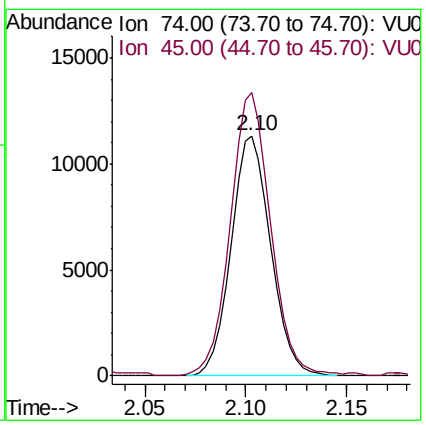

**Instrument :**
MSVOA_U
**ClientSampleId :**

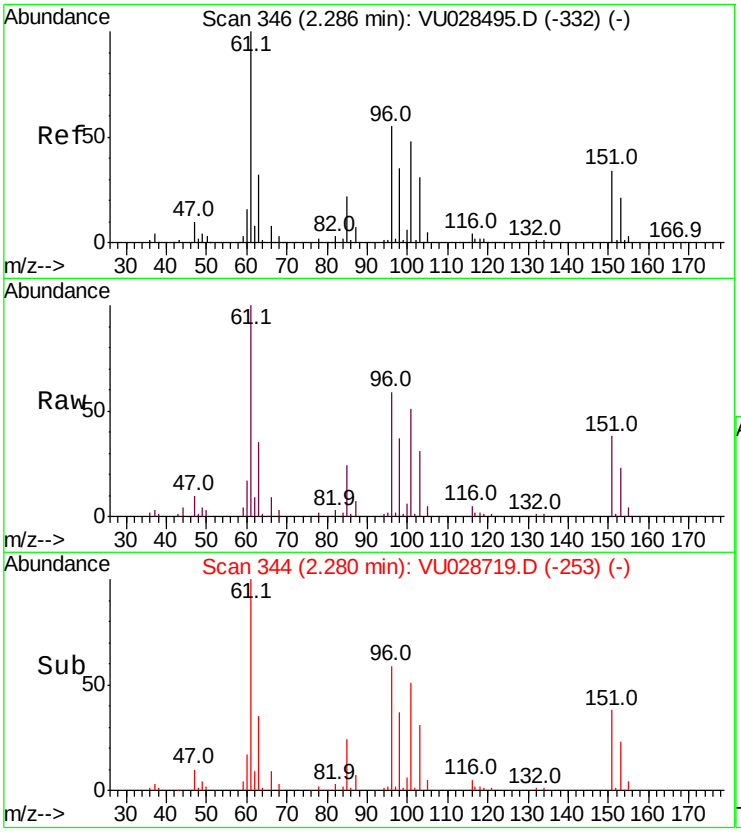



#8
Diethyl Ether
Concen: 19.616 ug/l
RT: 2.10 min Scan# 289
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion: 74 Resp: 15574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 120.6 | 59.7 | 179.0 |



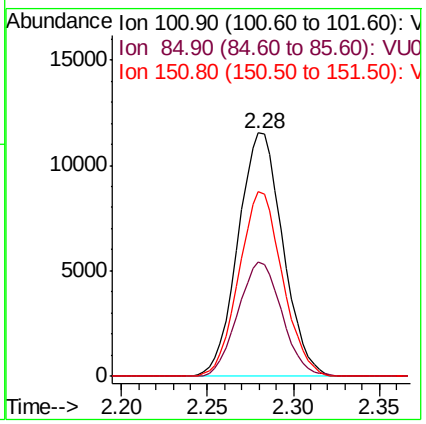


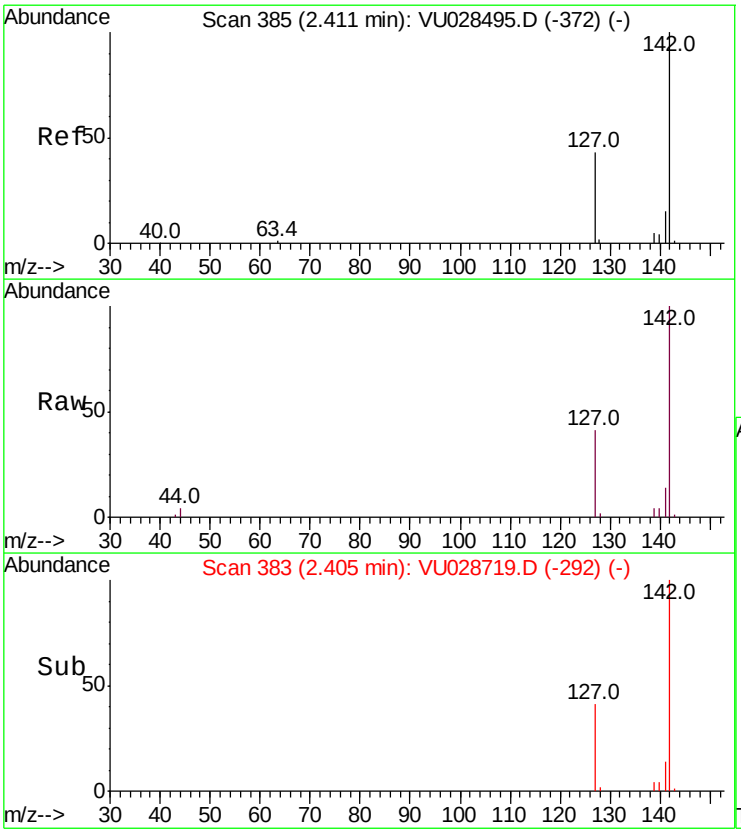

#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.580 ug/l
RT: 2.28 min Scan# 344
Delta R.T. -0.01 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion:101 Resp: 20887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 46.3 | 36.4 | 54.6 |
| 151 | 73.6 | 58.2 | 87.2 |

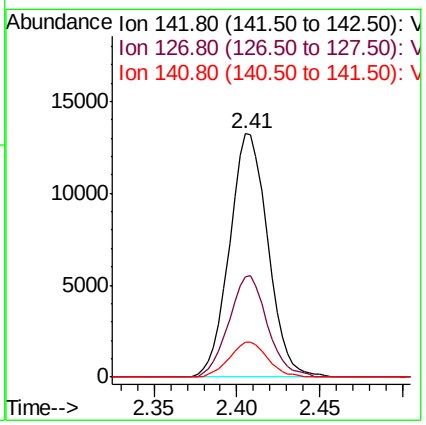


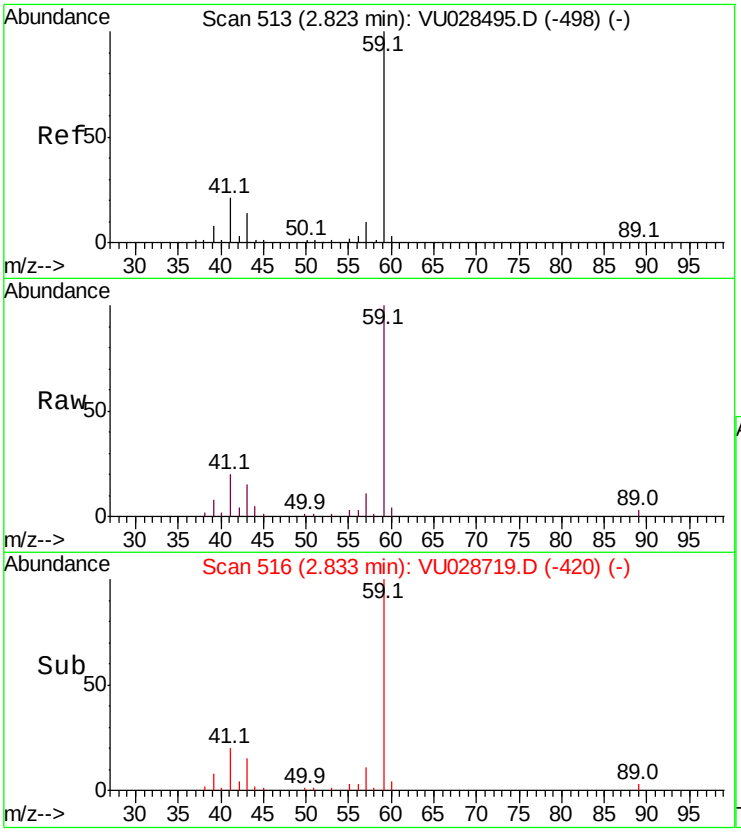




#10
Methyl Iodide
Concen: 26.836 ug/l
RT: 2.41 min Scan# 383
Delta R.T. -0.01 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion:142 Resp: 21371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 41.8 | 33.5 | 50.3 |
| 141 | 14.2 | 11.2 | 16.8 |



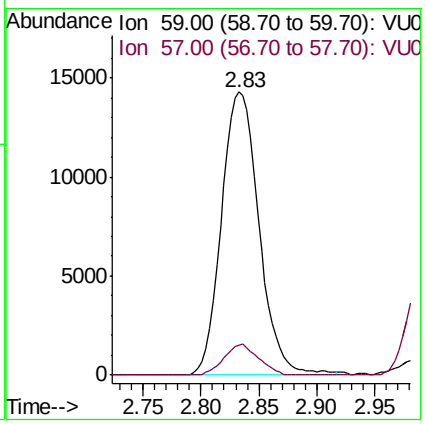


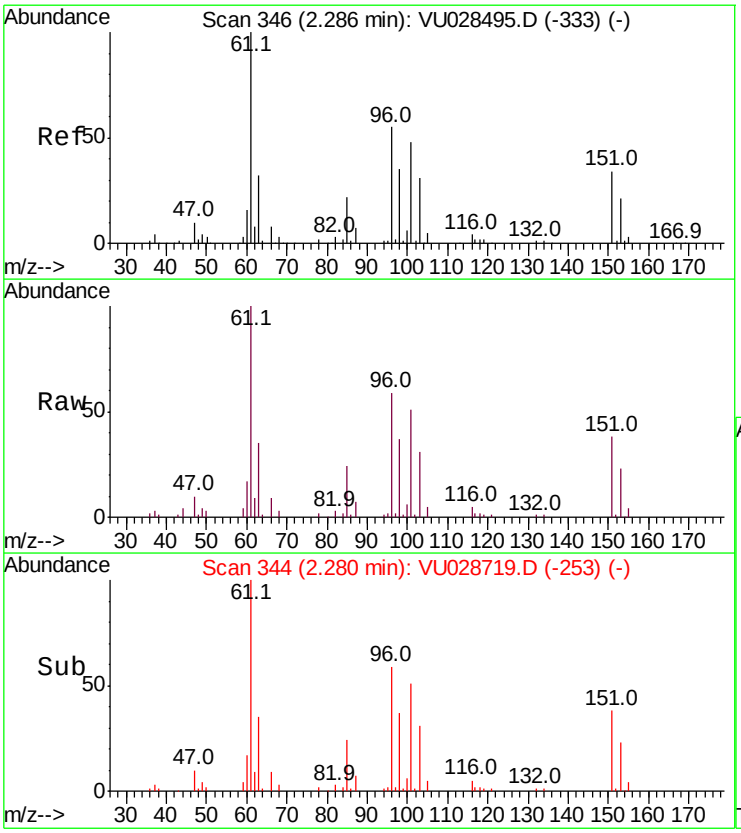

#11
Tert butyl alcohol
Concen: 104.271 ug/l
RT: 2.83 min Scan# 516
Delta R.T. 0.01 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion: 59 Resp: 32154

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

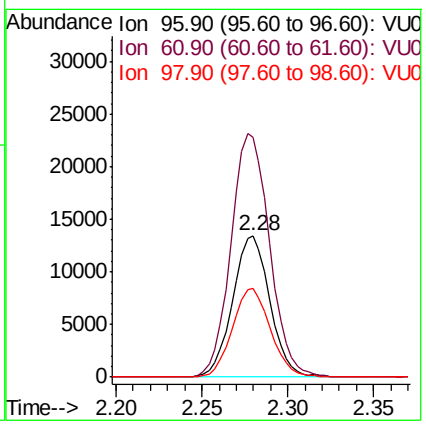


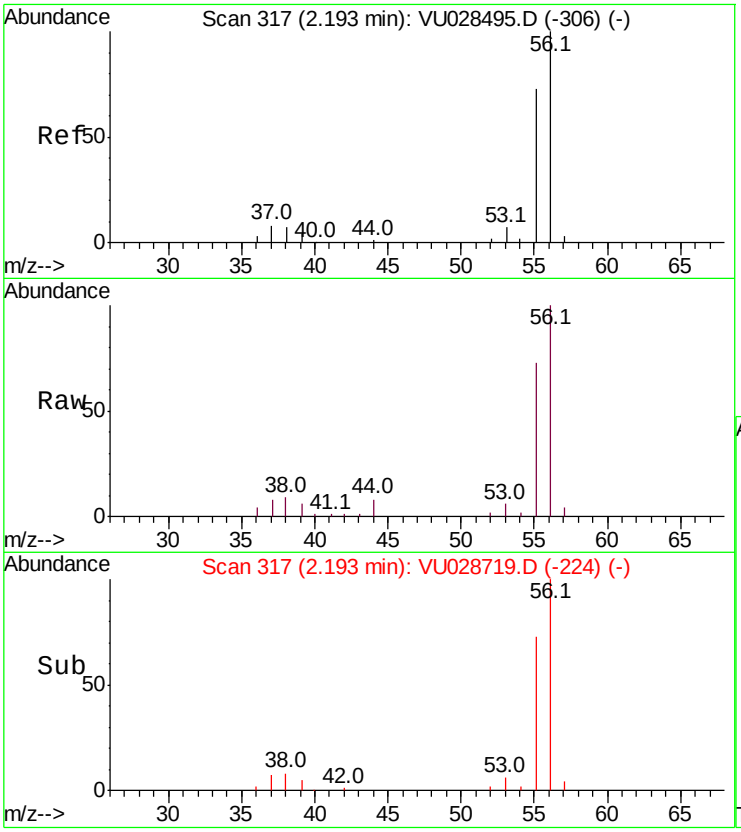




#12
1,1-Dichloroethene
Concen: 20.043 ug/l
RT: 2.28 min Scan# 344
Delta R.T. -0.01 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion: 96 Resp: 20239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 169.1 | 146.4 | 219.6 |
| 98 | 62.7 | 51.8 | 77.8 |



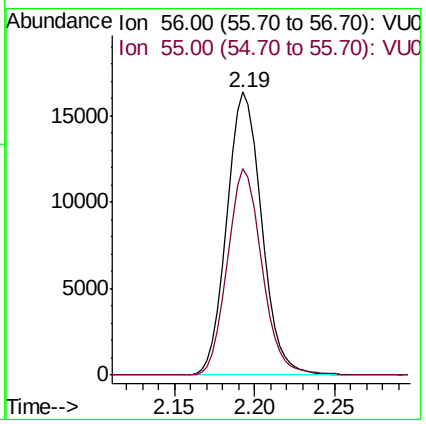


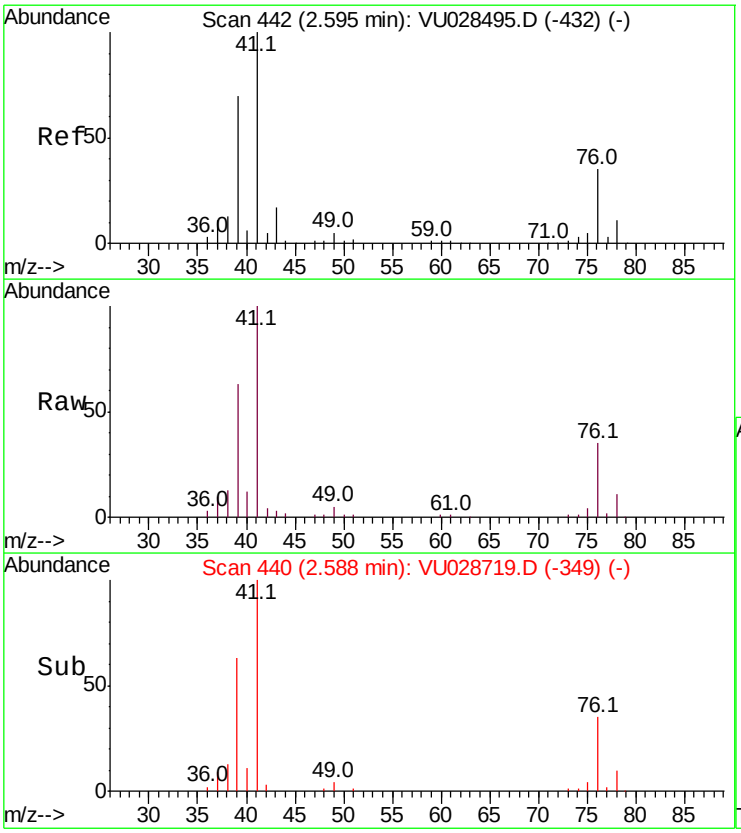

#13
Acrolein
Concen: 98.702 ug/l
RT: 2.19 min Scan# 317
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion: 56 Resp: 24264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 72.6 | 57.5 | 86.3 |

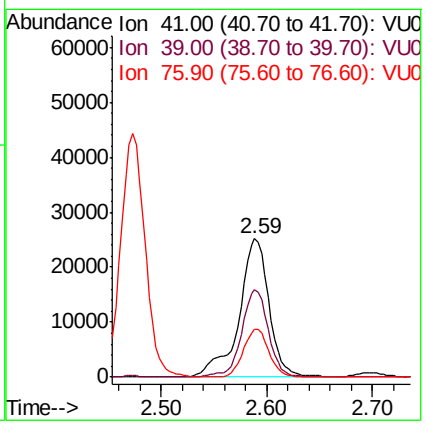


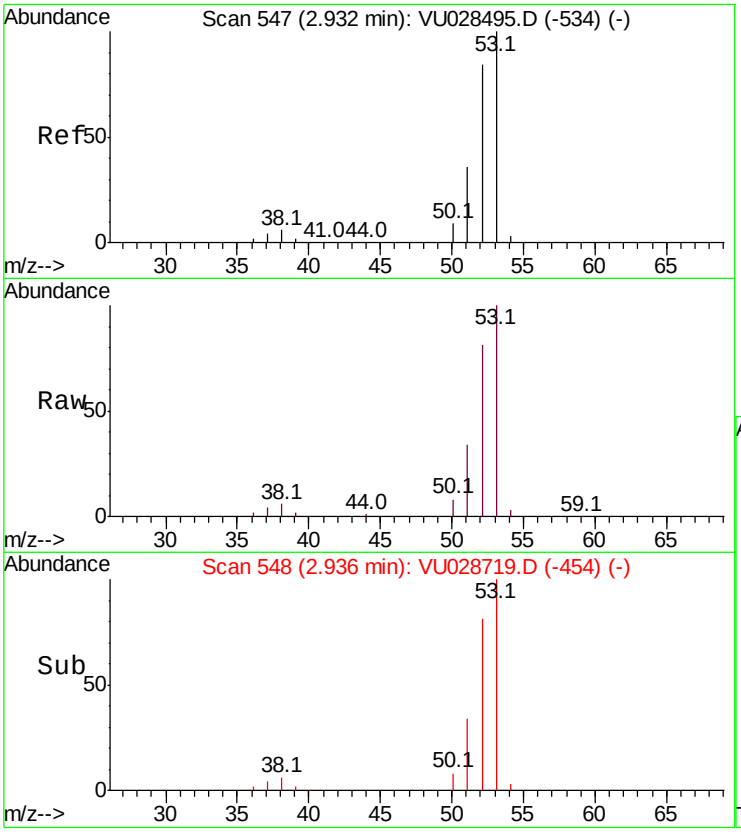




#14
Allyl chloride
Concen: 21.012 ug/l
RT: 2.59 min Scan# 440
Delta R.T. -0.01 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion: 41 Resp: 50196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 56.1 | 50.8 | 76.2 |
| 76 | 29.5 | 24.8 | 37.2 |



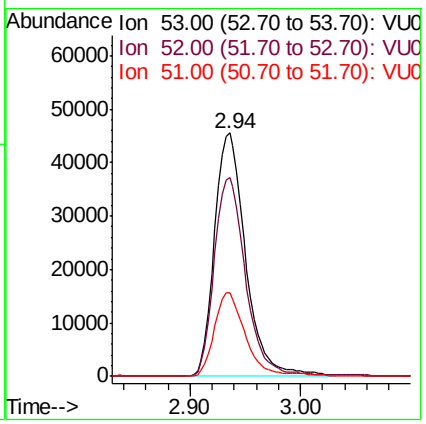


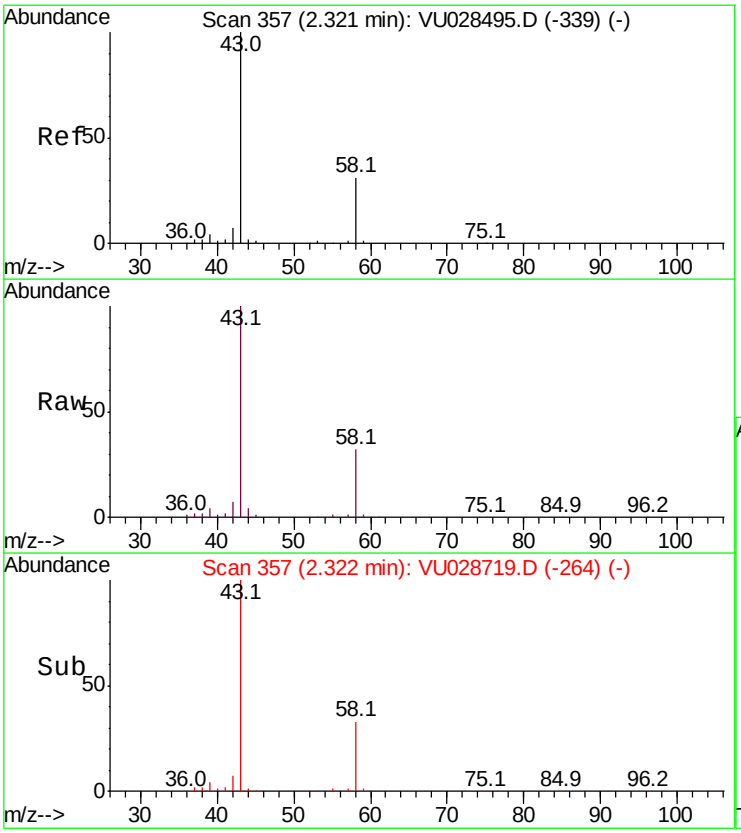

#15
Acrylonitrile
Concen: 104.036 ug/l
RT: 2.94 min Scan# 548
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion: 53 Resp: 89069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 83.0 | 66.1 | 99.1 |
| 51 | 34.7 | 28.1 | 42.1 |

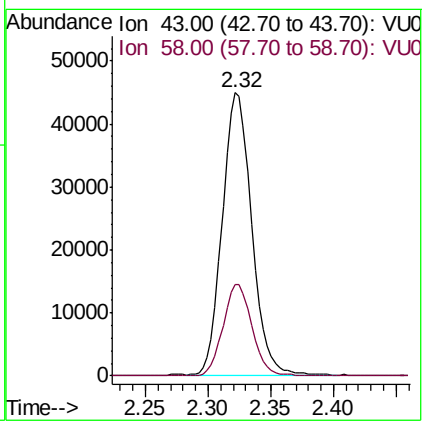


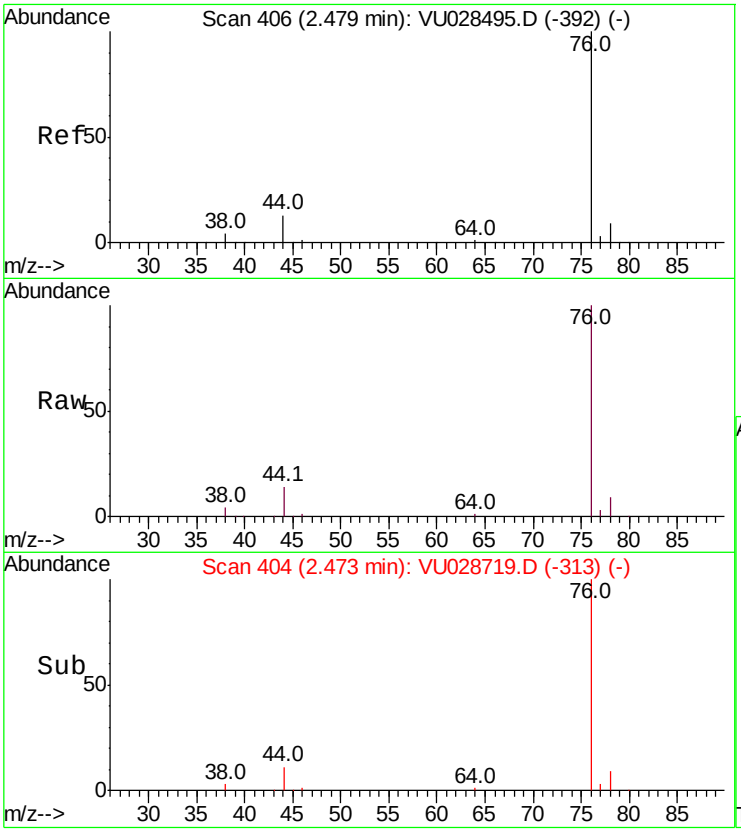




#16
Acetone
Concen: 80.189 ug/l
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion: 43 Resp: 72426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 32.6 | 24.6 | 37.0 |



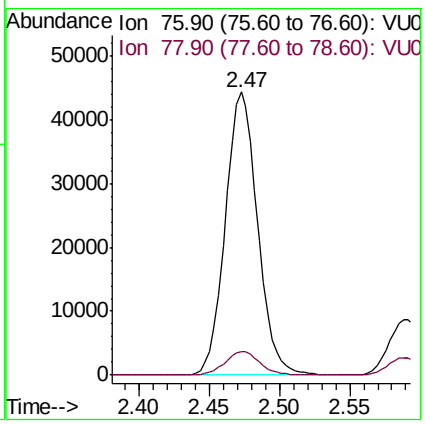


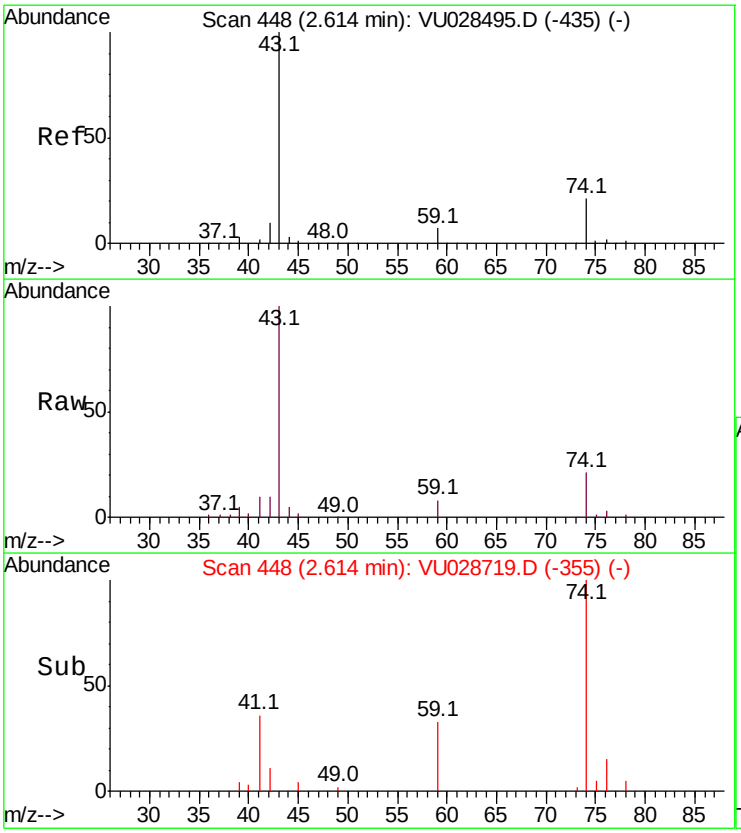

#17
Carbon Disulfide
Concen: 19.493 ug/l
RT: 2.47 min Scan# 404
Delta R.T. -0.01 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion: 76 Resp: 70911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.5 | 7.2 | 10.8 |

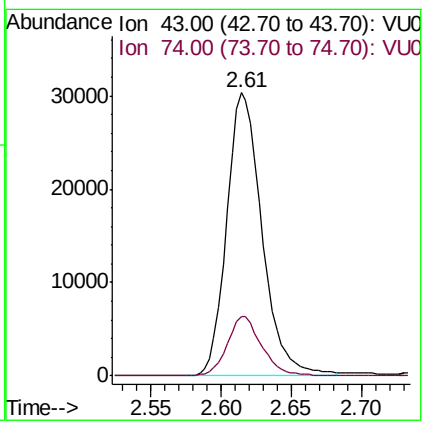


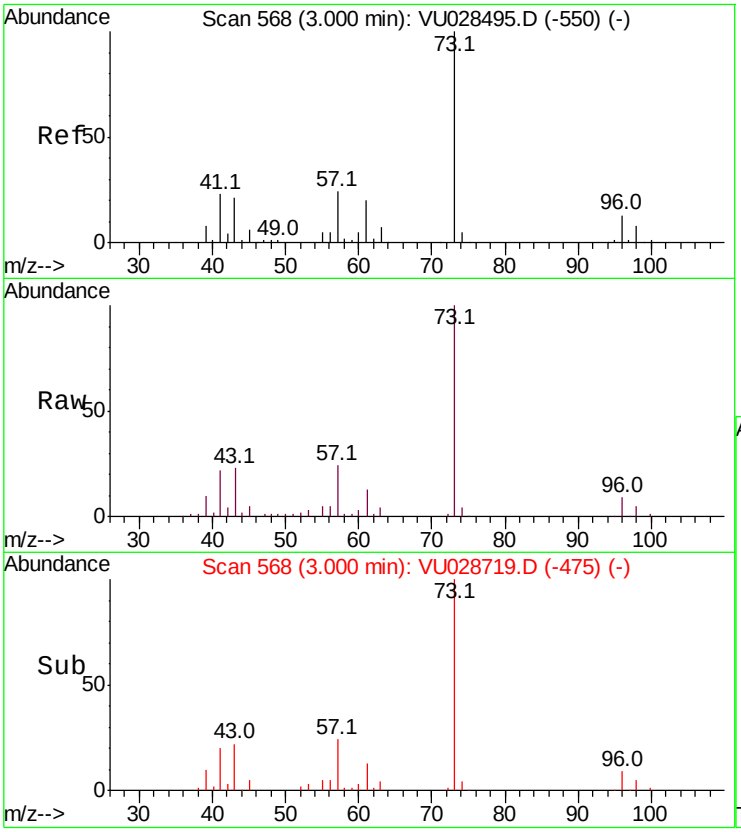




#18
Methyl Acetate
Concen: 22.739 ug/l
RT: 2.61 min Scan# 448
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion: 43 Resp: 53239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 20.4 | 16.4 | 24.6 |



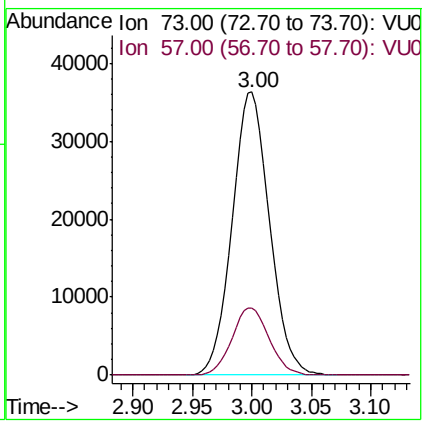


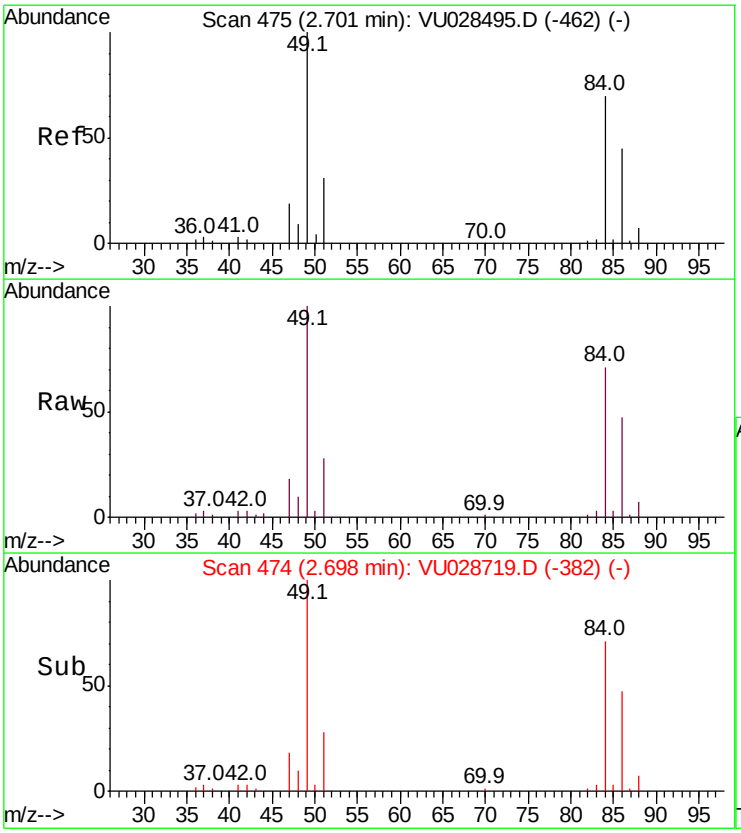

#19
Methyl tert-butyl Ether
Concen: 20.605 ug/l
RT: 3.00 min Scan# 568
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion: 73 Resp: 78877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 23.9 | 19.4 | 29.2 |

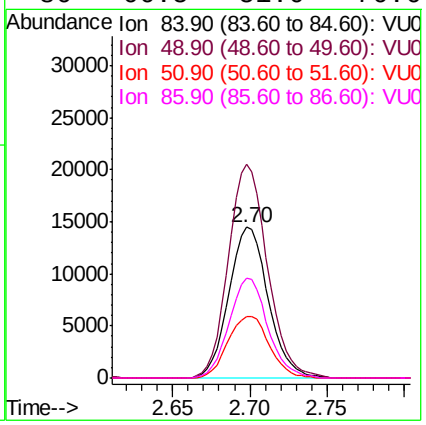


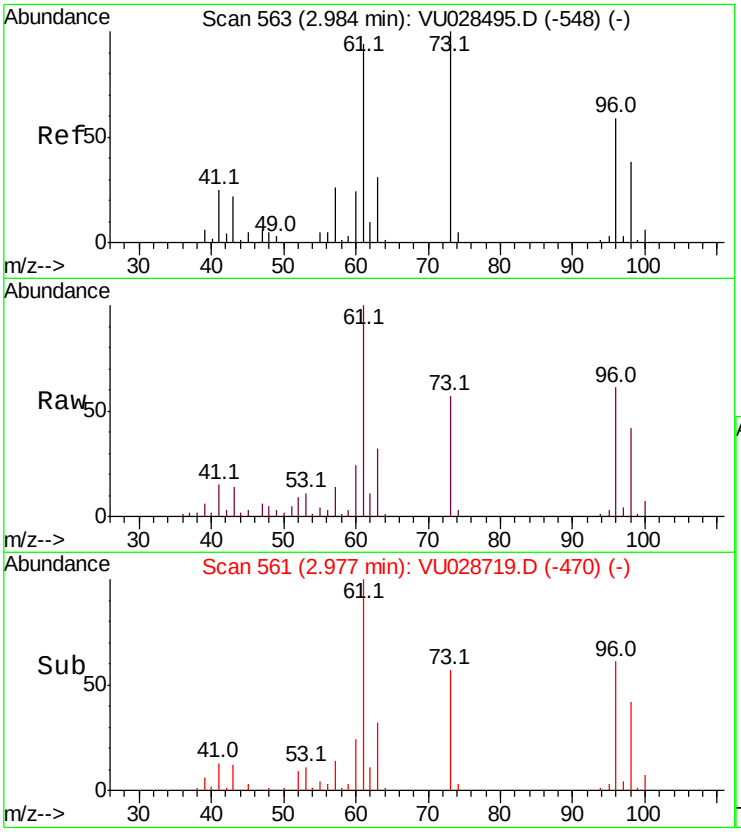




#20
Methylene Chloride
Concen: 19.234 ug/l
RT: 2.70 min Scan# 474
Delta R.T. -0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion: 84 Resp: 25609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 141.7 | 114.0 | 171.0 |
| 51 | 40.4 | 35.1 | 52.7 |
| 86 | 66.5 | 51.0 | 76.6 |



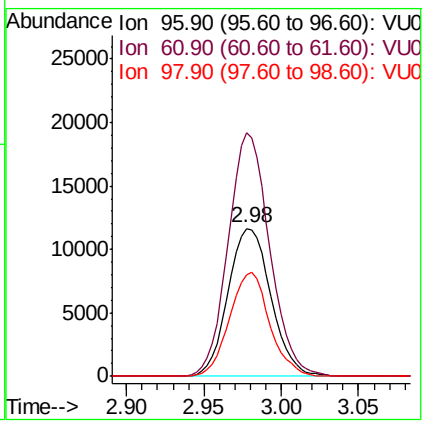


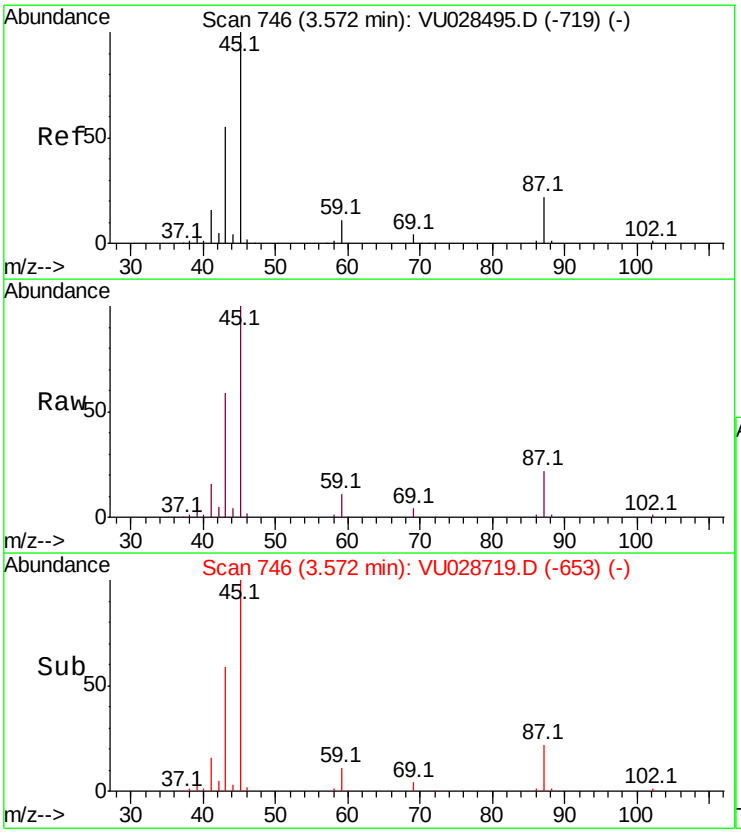

#21
trans-1,2-Dichloroethene
Concen: 19.754 ug/l
RT: 2.98 min Scan# 561
Delta R.T. -0.01 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion: 96 Resp: 22459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 164.3 | 127.0 | 190.4 |
| 98 | 68.7 | 51.9 | 77.9 |

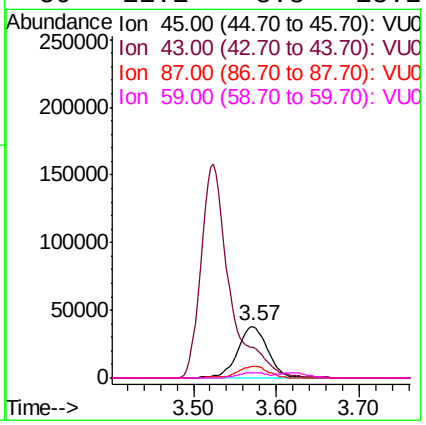


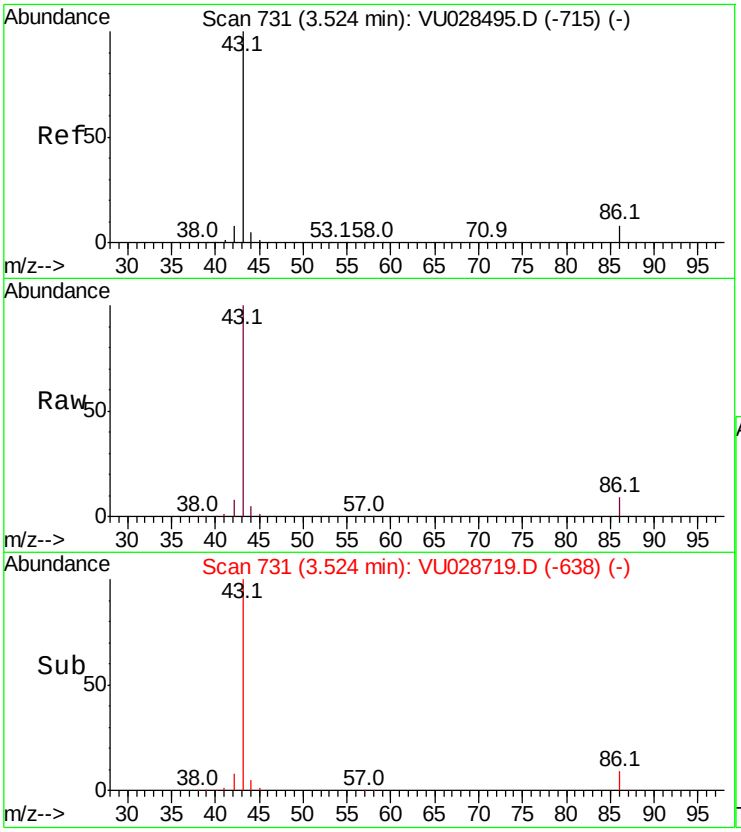




#22
Diisopropyl ether
Concen: 20.710 ug/l
RT: 3.57 min Scan# 746
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion: 45 Resp: 96208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 58.1 | 45.3 | 67.9 |
| 87 | 22.0 | 17.6 | 26.4 |
| 59 | 11.1 | 8.8 | 13.2 |



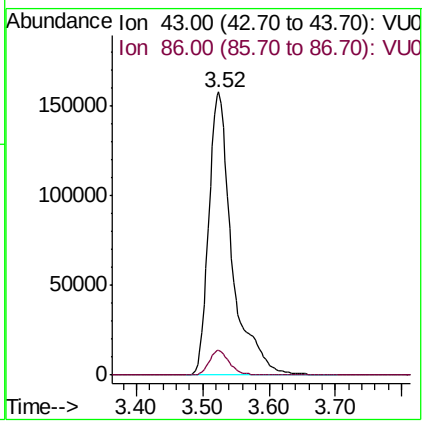


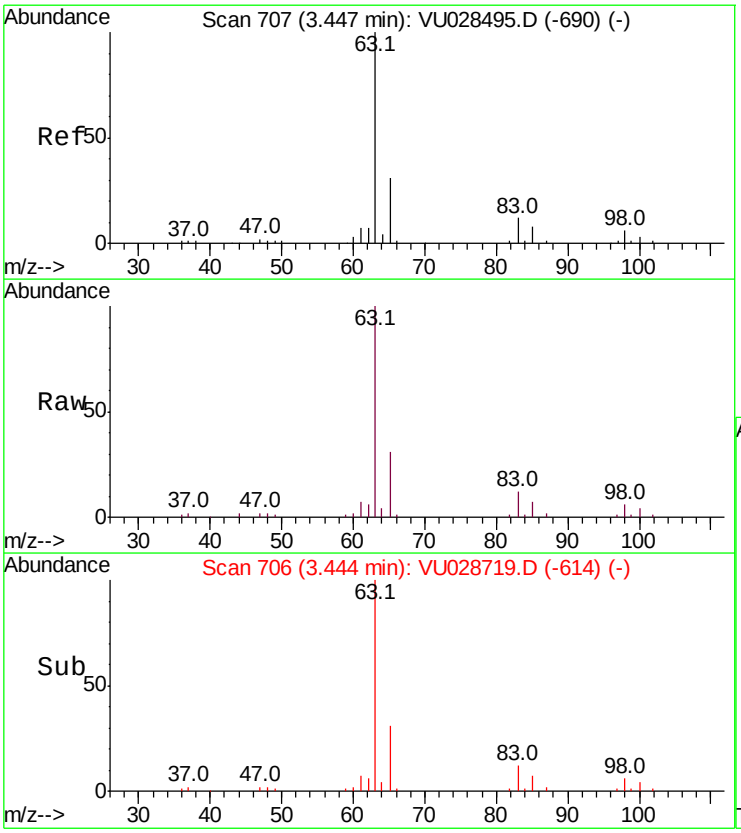

#23
Vinyl Acetate
Concen: 100.867 ug/l
RT: 3.52 min Scan# 731
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion: 43 Resp: 386504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 8.8 | 6.8 | 10.2 |

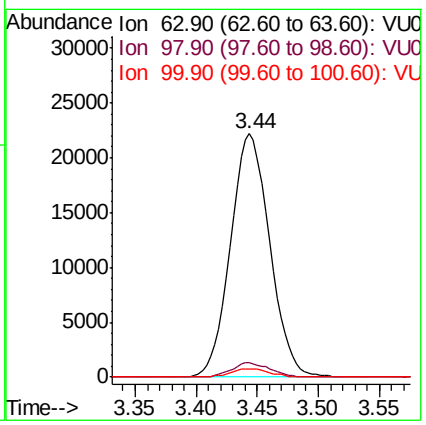


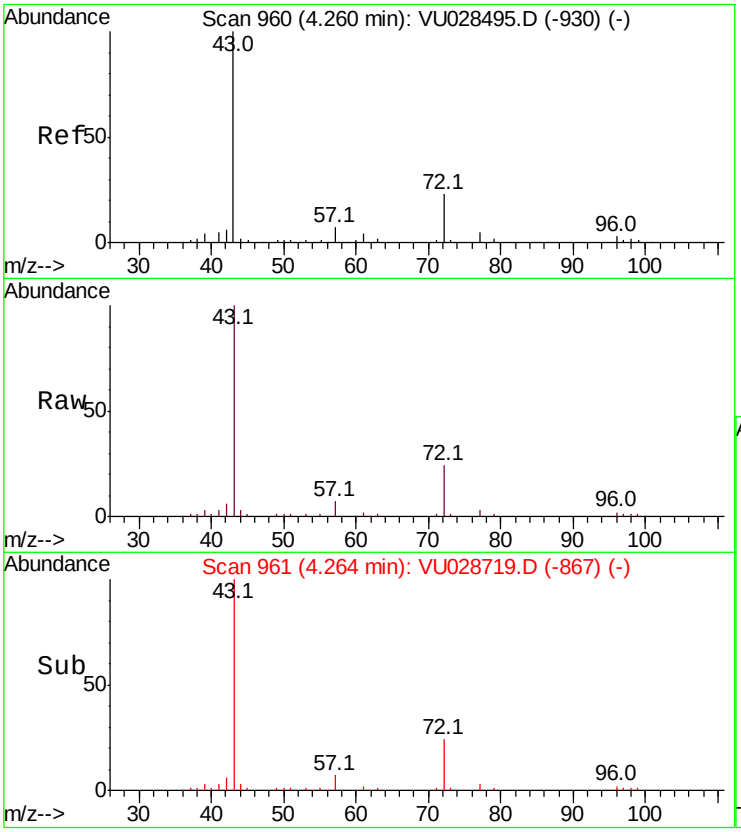




#24
1,1-Dichloroethane
Concen: 20.352 ug/l
RT: 3.44 min Scan# 706
Delta R.T. -0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion: 63 Resp: 49490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 5.9 | 3.0 | 9.2 |
| 100 | 3.5 | 1.7 | 5.1 |



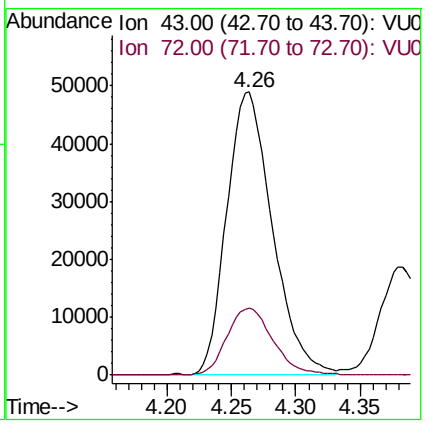


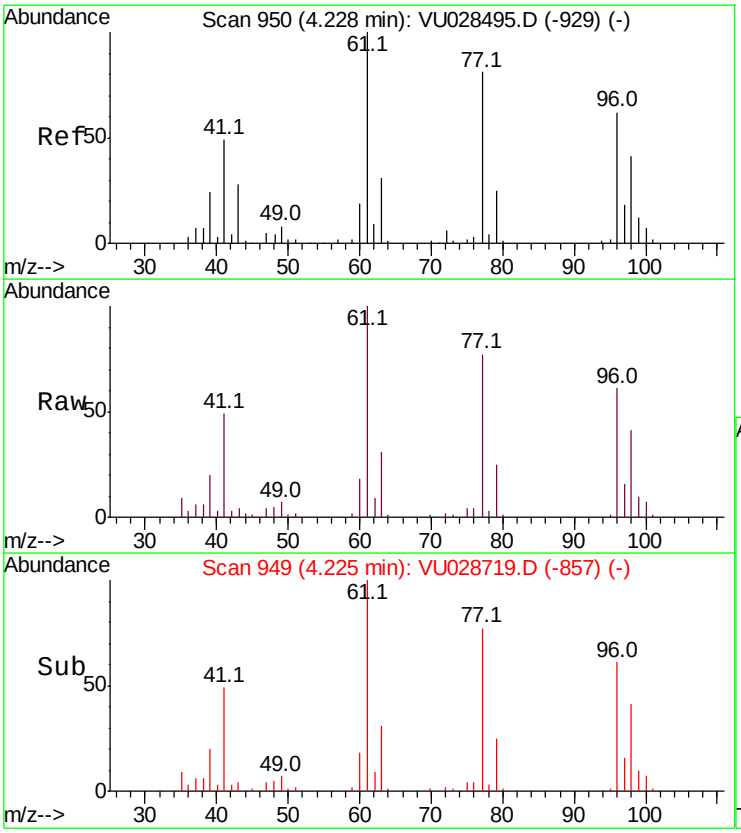

#25
2-Butanone
Concen: 97.370 ug/l
RT: 4.26 min Scan# 961
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion: 43 Resp: 120183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 23.4 | 18.6 | 28.0 |

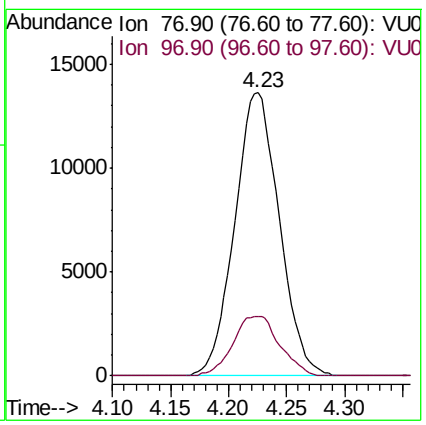


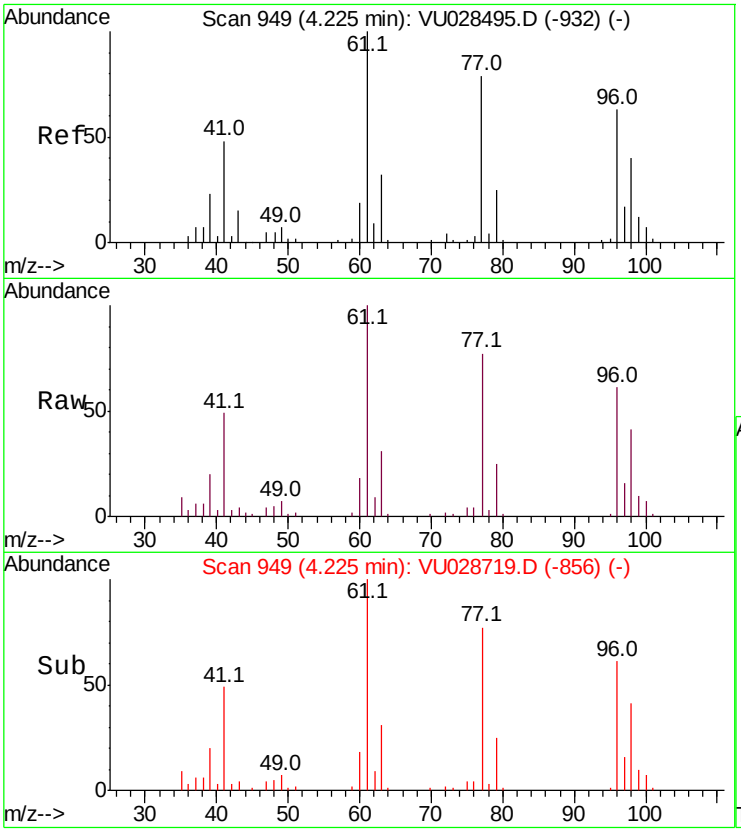




#26
2,2-Dichloropropane
Concen: 18.912 ug/l
RT: 4.23 min Scan# 949
Delta R.T. -0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion: 77 Resp: 36440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 22.2 | 11.0 | 33.0 |



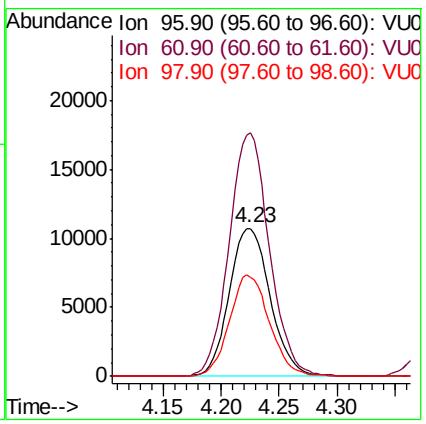


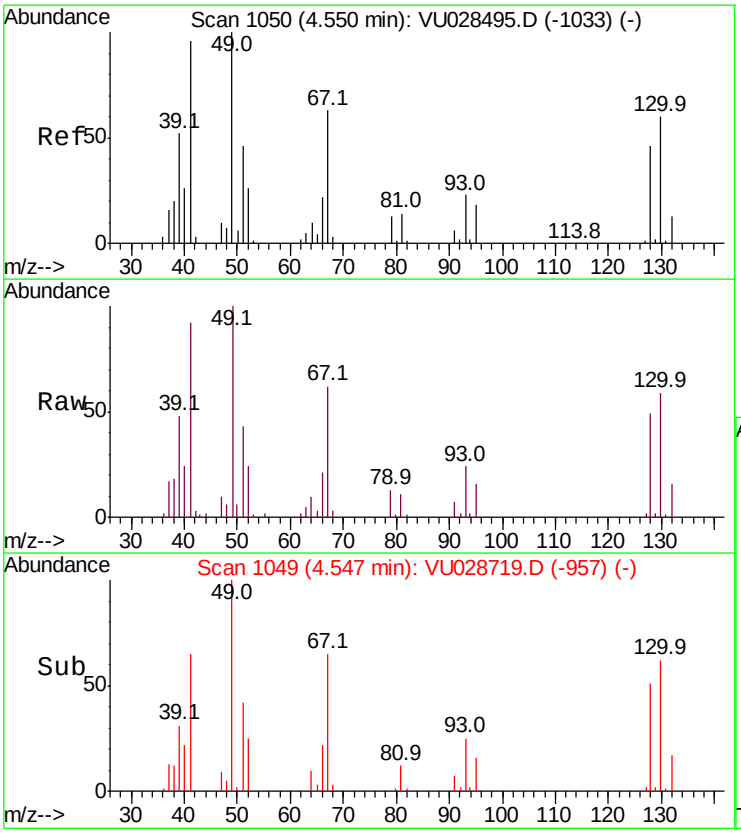

#27
cis-1,2-Dichloroethene
Concen: 20.555 ug/l
RT: 4.23 min Scan# 949
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion: 96 Resp: 26452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 160.7 | 0.0 | 332.4 |
| 98 | 66.6 | 0.0 | 129.0 |

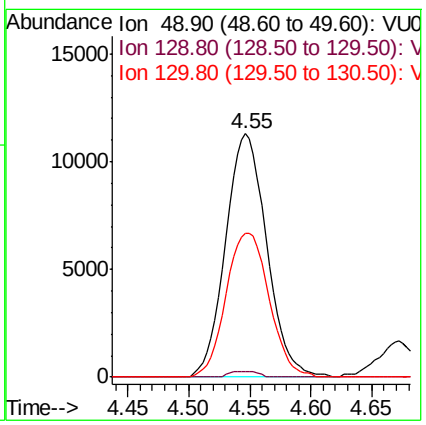


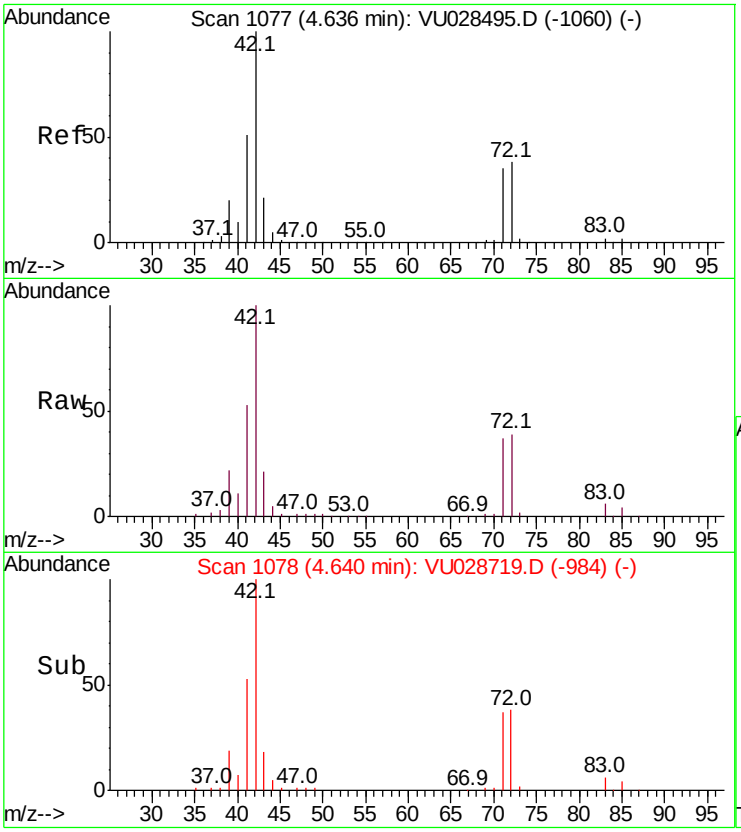




#28
Bromochloromethane
Concen: 23.953 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion: 49 Resp: 26479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.6 | 0.0 | 3.0 |
| 130 | 61.8 | 47.8 | 71.8 |



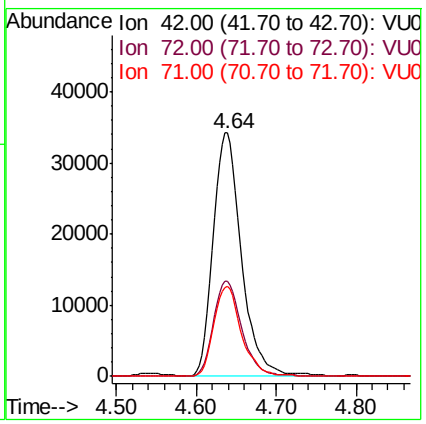


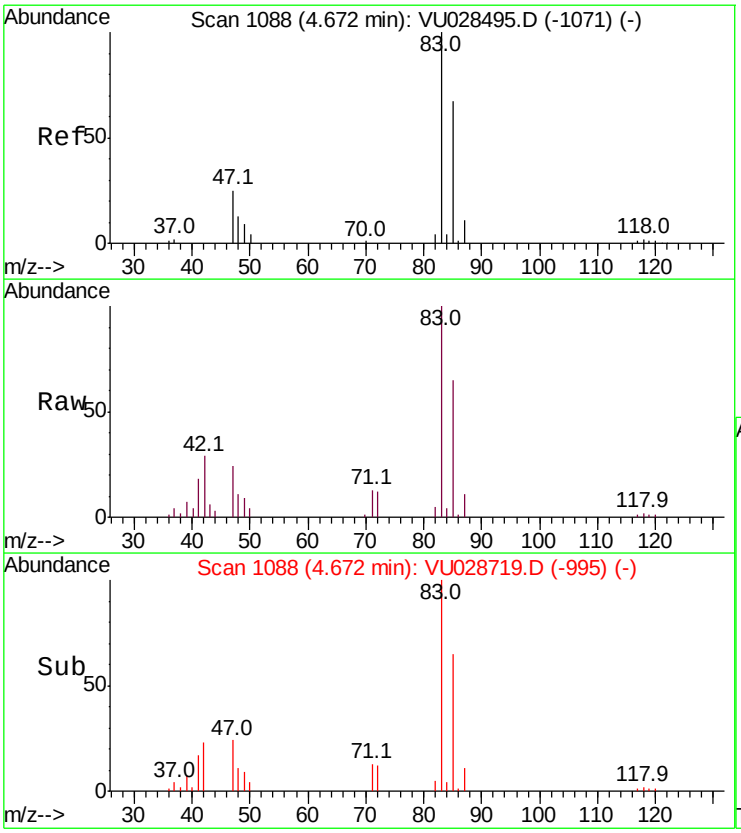

#29
Tetrahydrofuran
Concen: 106.068 ug/l
RT: 4.64 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion: 42 Resp: 84081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 38.7 | 31.4 | 47.0 |
| 71 | 36.0 | 28.6 | 43.0 |

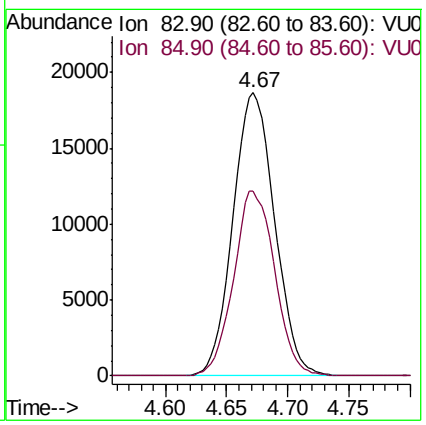


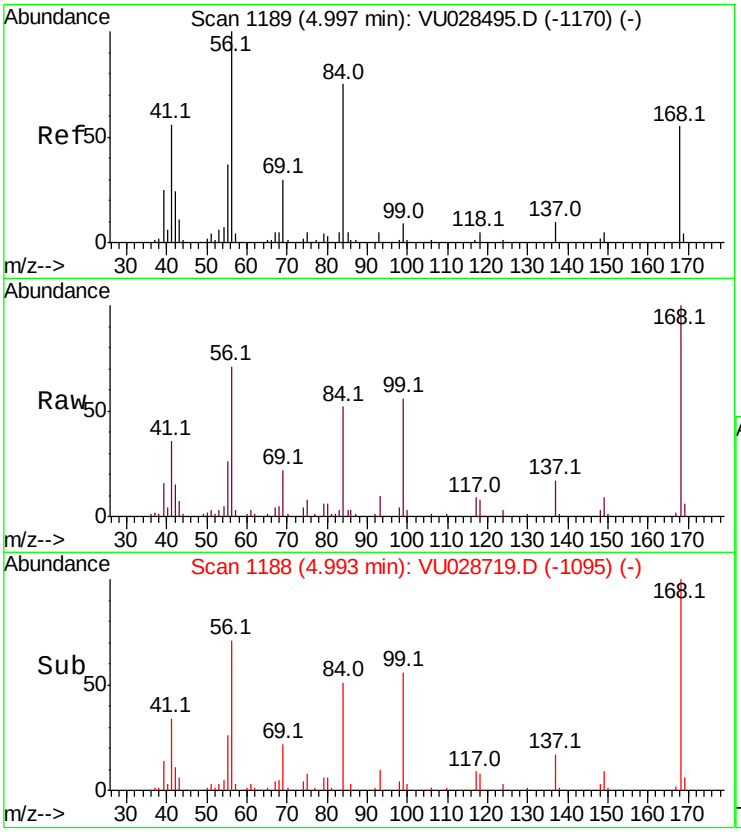




#30
Chloroform
Concen: 20.848 ug/l
RT: 4.67 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion: 83 Resp: 44186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.1 | 53.6 | 80.4 |



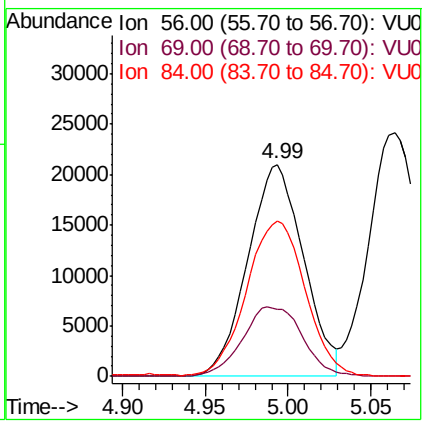


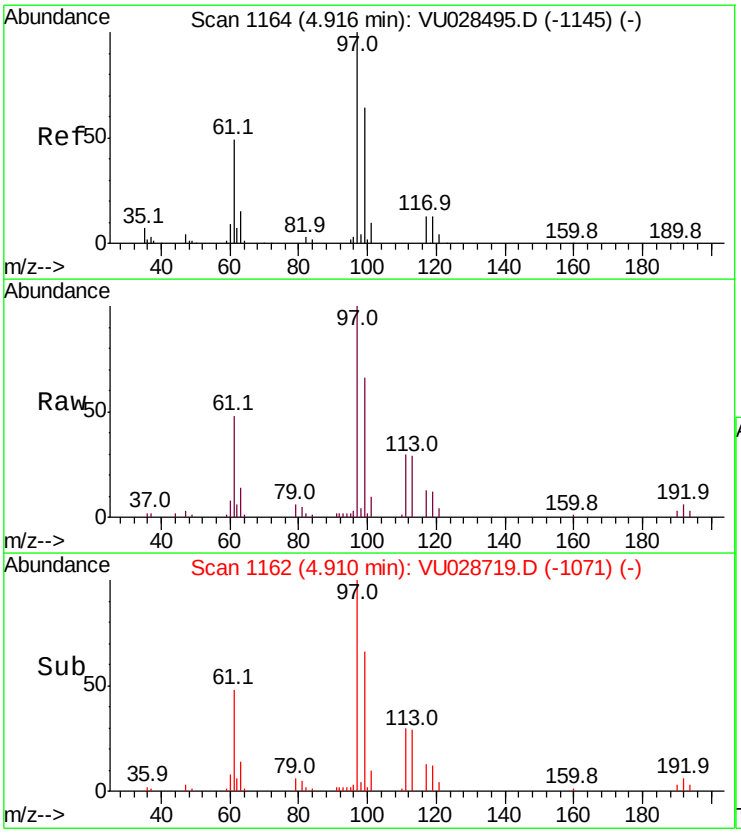

#31
Cyclohexane
Concen: 19.965 ug/l
RT: 4.99 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion: 56 Resp: 49083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 31.7 | 24.0 | 36.0 |
| 84 | 72.5 | 59.7 | 89.5 |

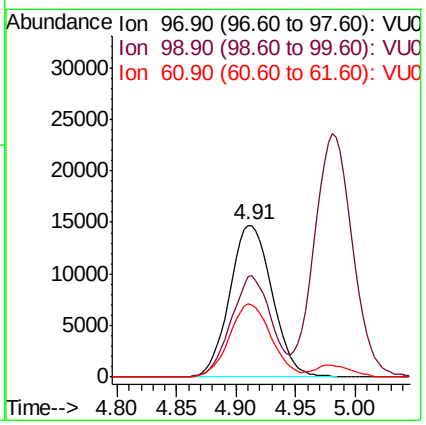


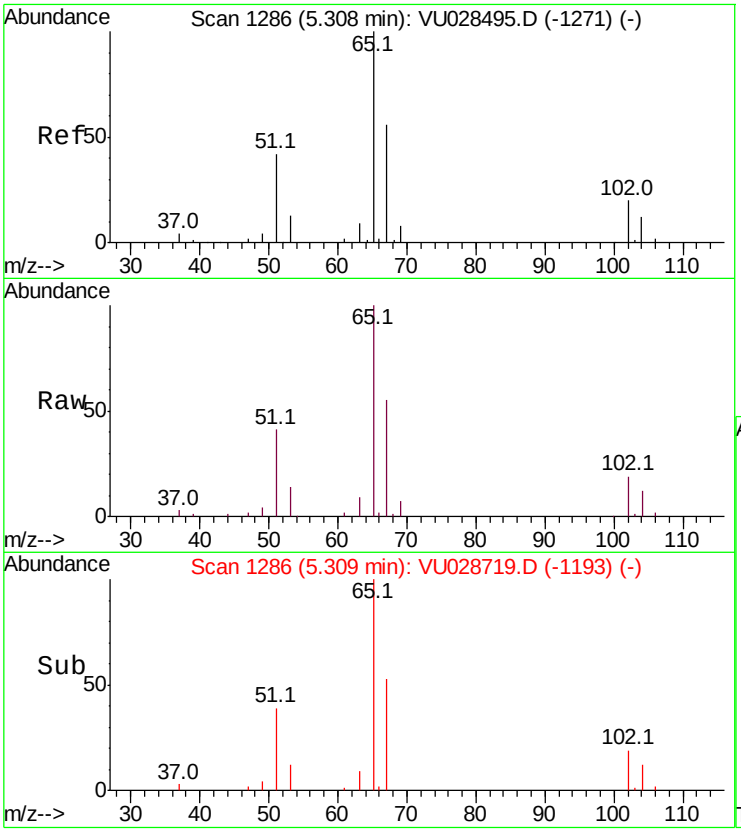




#32
1,1,1-Trichloroethane
Concen: 20.682 ug/l
RT: 4.91 min Scan# 1162
Delta R.T. -0.01 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion: 97 Resp: 36406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.4 | 52.3 | 78.5 |
| 61 | 47.4 | 39.0 | 58.6 |



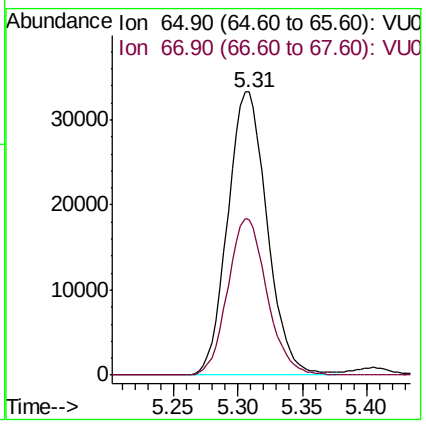


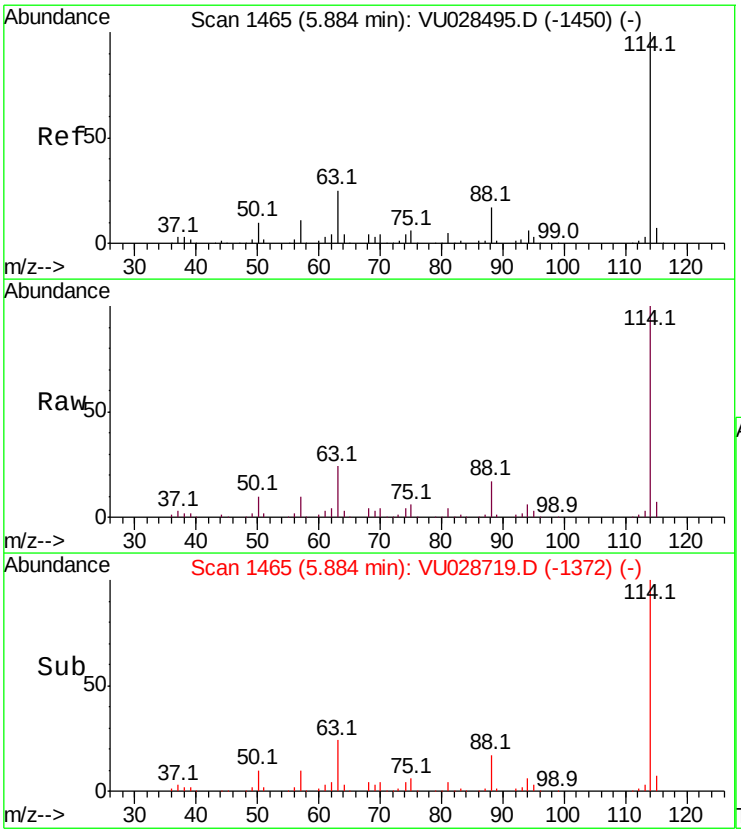

#33
1,2-Dichloroethane-d4
Concen: 51.225 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion: 65 Resp: 70900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 54.8 | 0.0 | 110.6 |

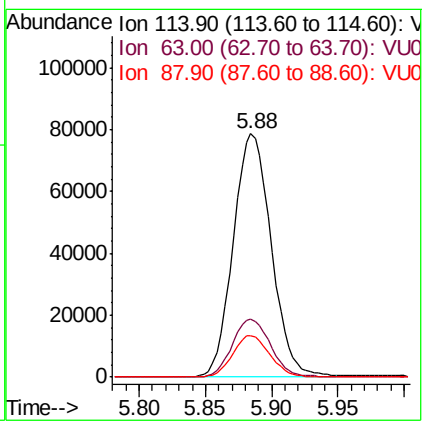


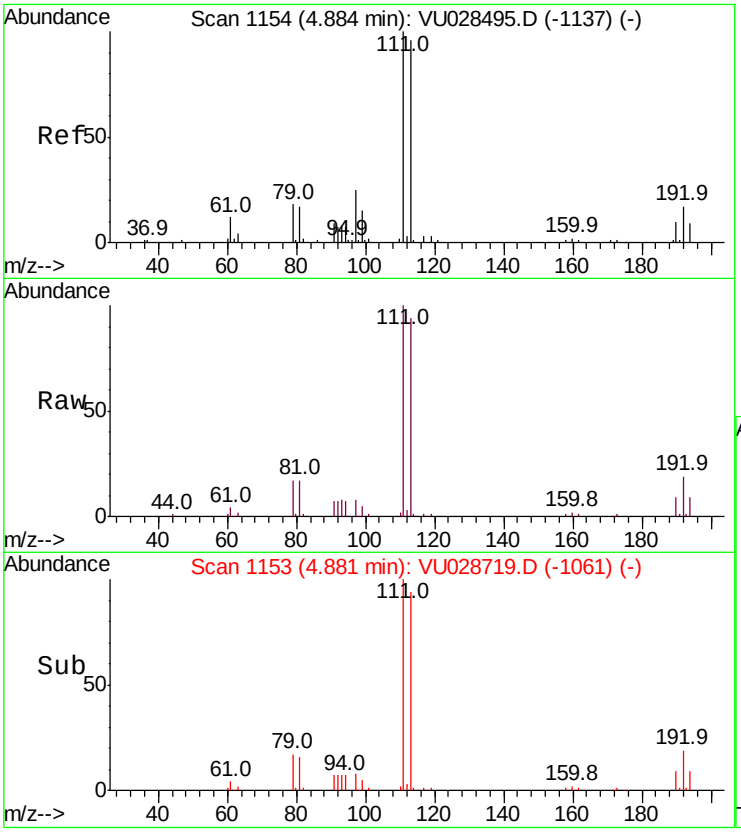




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1465
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion:114 Resp: 157150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 23.6 | 0.0 | 49.2 |
| 88 | 16.9 | 0.0 | 33.4 |



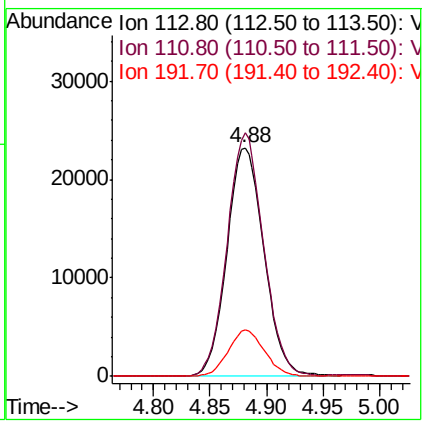


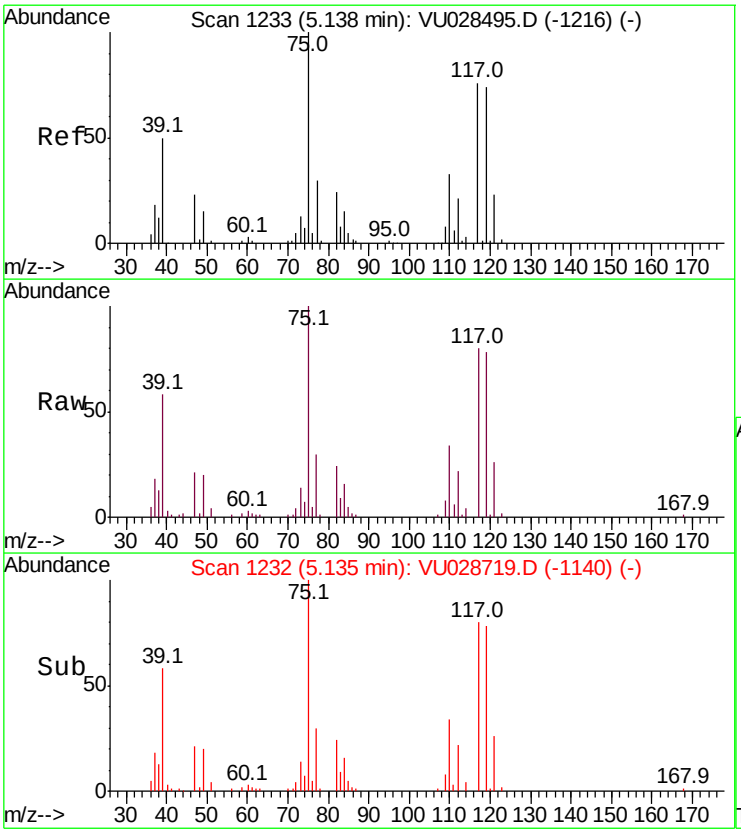

#35
Dibromofluoromethane
Concen: 53.655 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion:113 Resp: 53062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 104.1 | 83.4 | 125.0 |
| 192 | 19.6 | 14.8 | 22.2 |

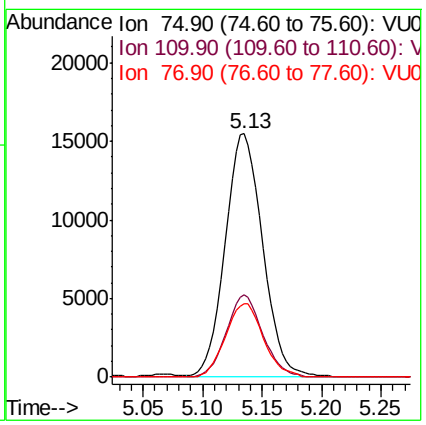


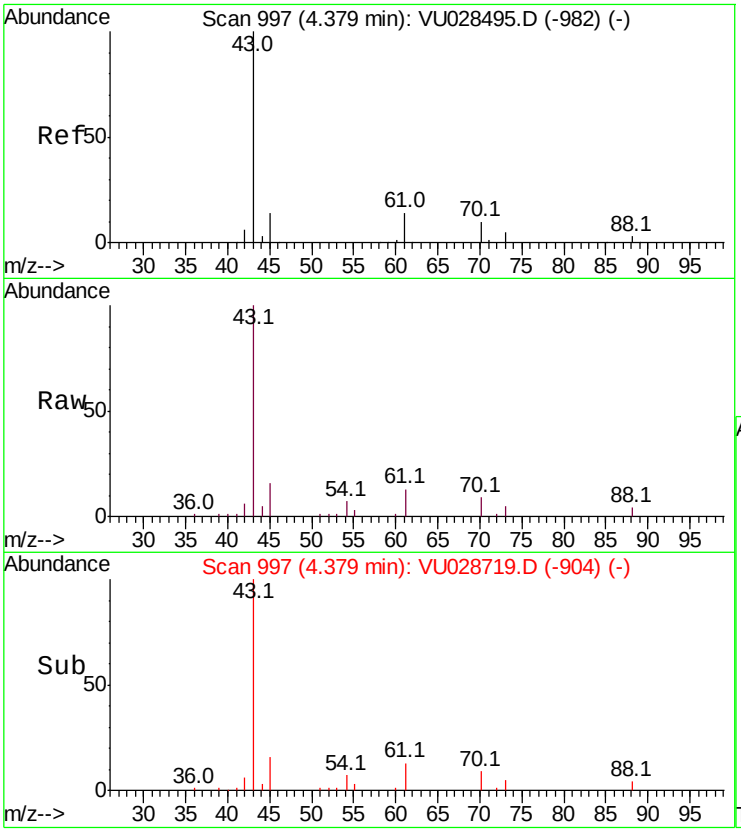




#36
1,1-Dichloropropene
Concen: 19.706 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion: 75 Resp: 33887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 32.8 | 16.1 | 48.2 |
| 77 | 30.3 | 24.5 | 36.7 |



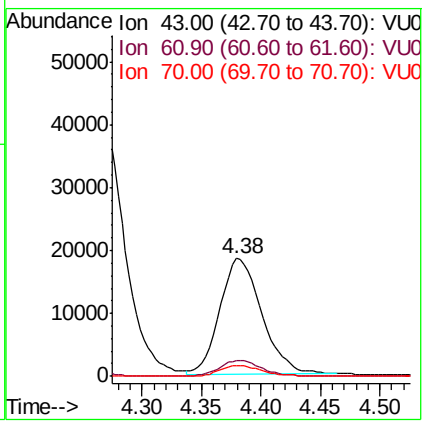


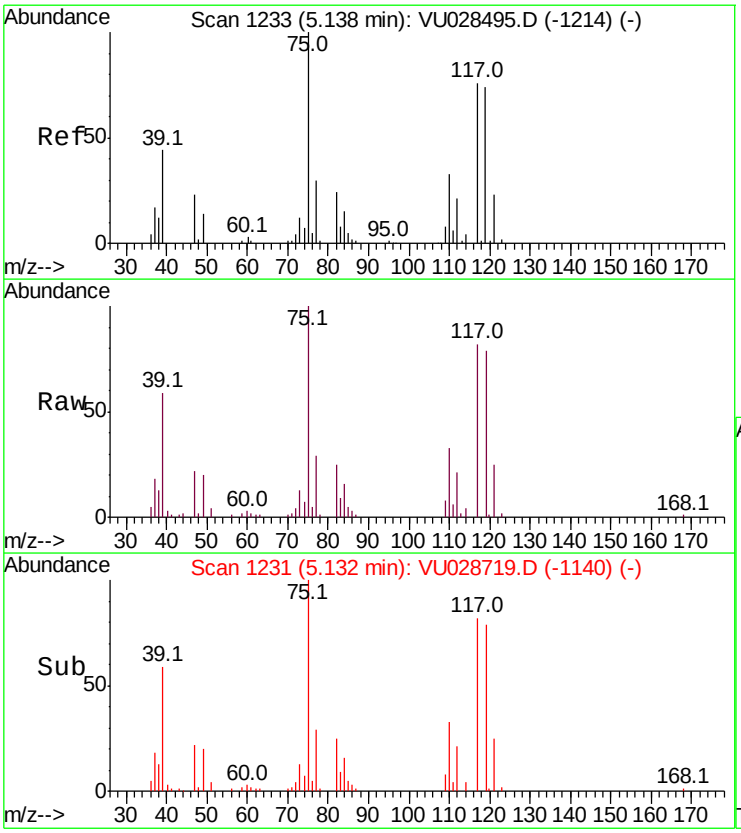

#37
Ethyl Acetate
Concen: 20.304 ug/l
RT: 4.38 min Scan# 997
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion: 43 Resp: 45137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 13.6 | 11.0 | 16.4 |
| 70 | 9.4 | 7.4 | 11.0 |

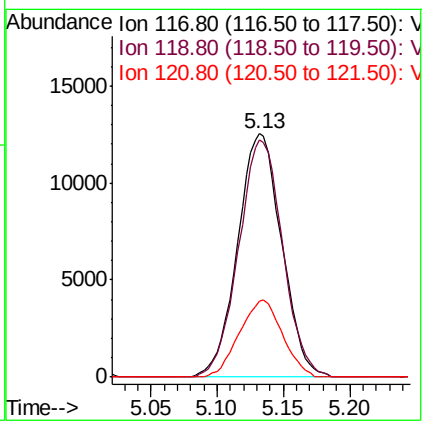


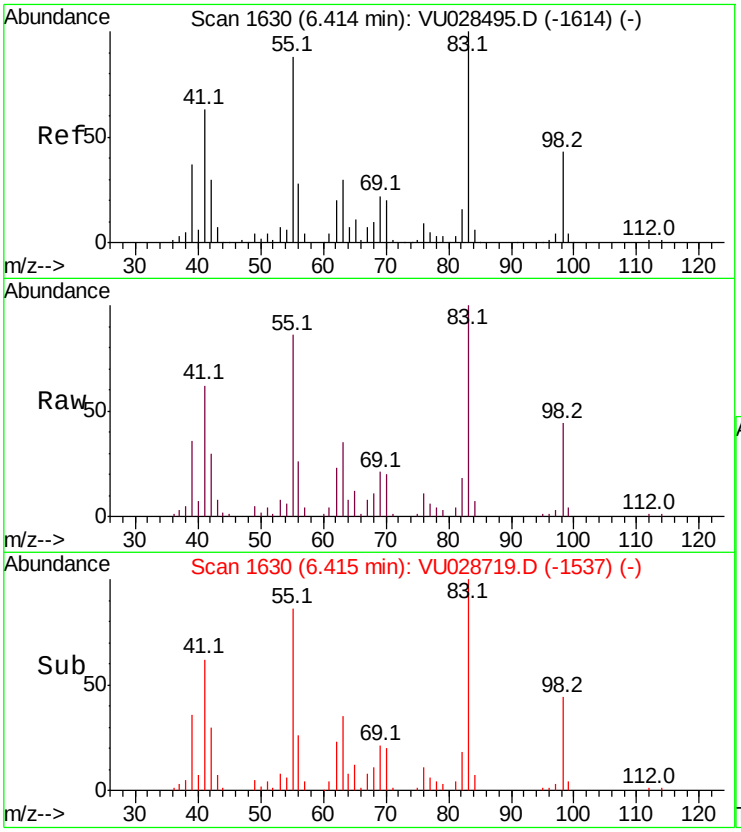




#38
Carbon Tetrachloride
Concen: 20.920 ug/l
RT: 5.13 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion:117 Resp: 28996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.4 | 77.6 | 116.4 |
| 121 | 31.3 | 24.6 | 36.8 |



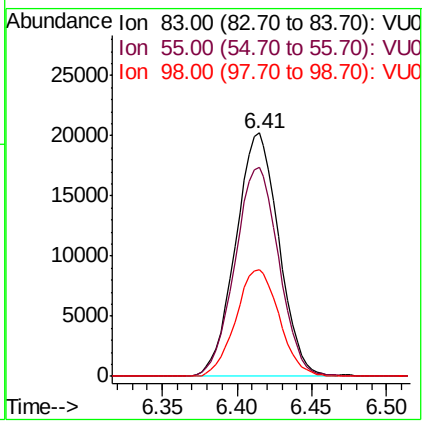


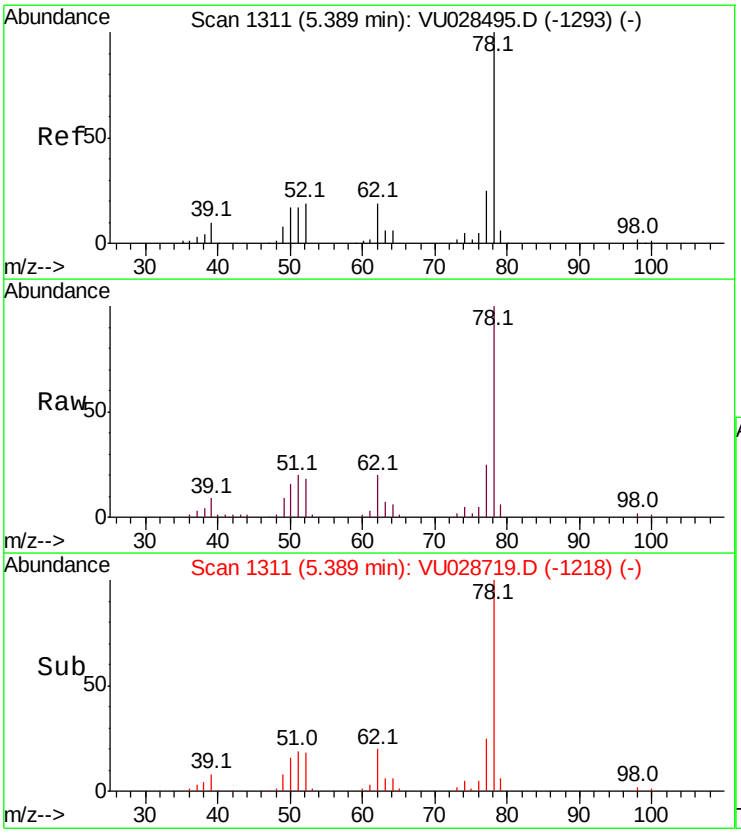

#39
Methylcyclohexane
Concen: 19.374 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion: 83 Resp: 40647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 85.7 | 70.2 | 105.2 |
| 98 | 44.0 | 34.2 | 51.4 |

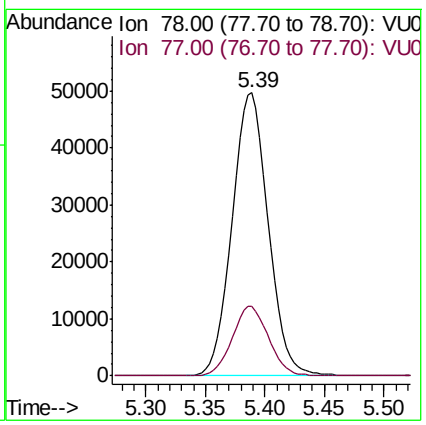


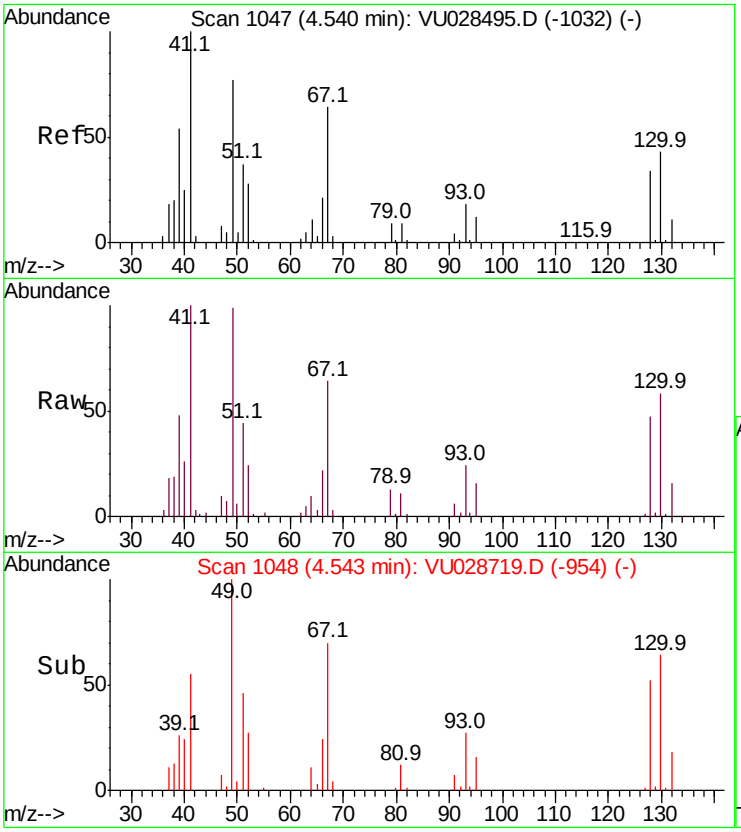




#40
Benzene
Concen: 20.628 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion: 78 Resp: 104477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.6 | 19.9 | 29.9 |



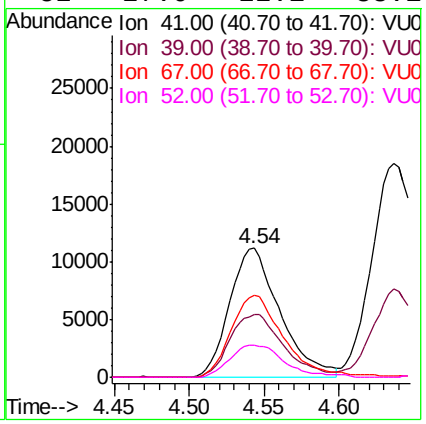


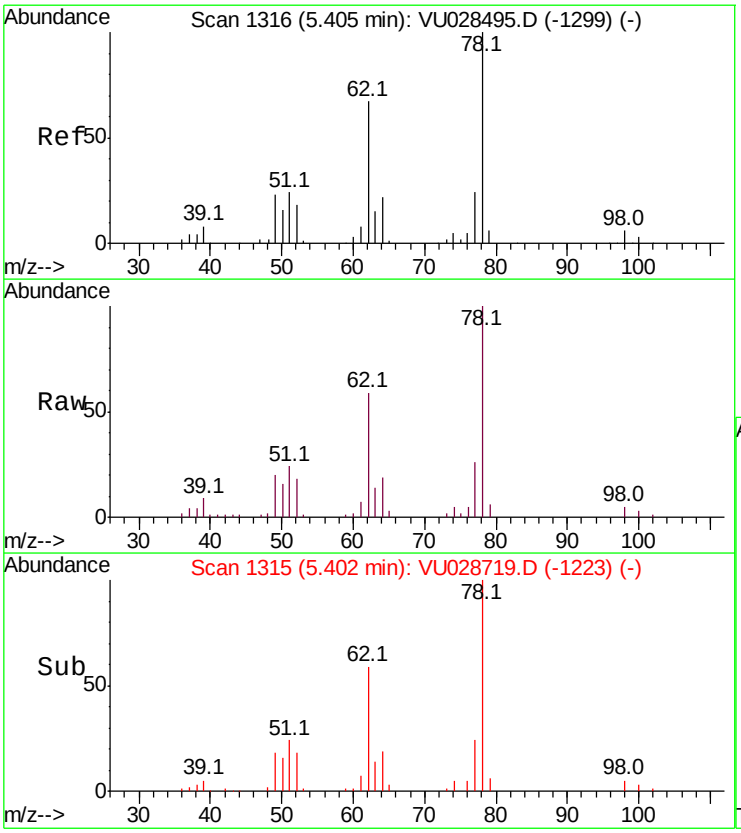

#41
Methacrylonitrile
Concen: 21.501 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion: 41 Resp: 26176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 51.6 | 43.3 | 64.9 |
| 67 | 66.2 | 53.6 | 80.4 |
| 52 | 27.0 | 22.1 | 33.1 |

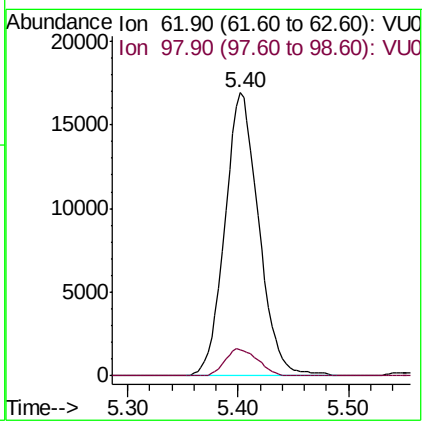


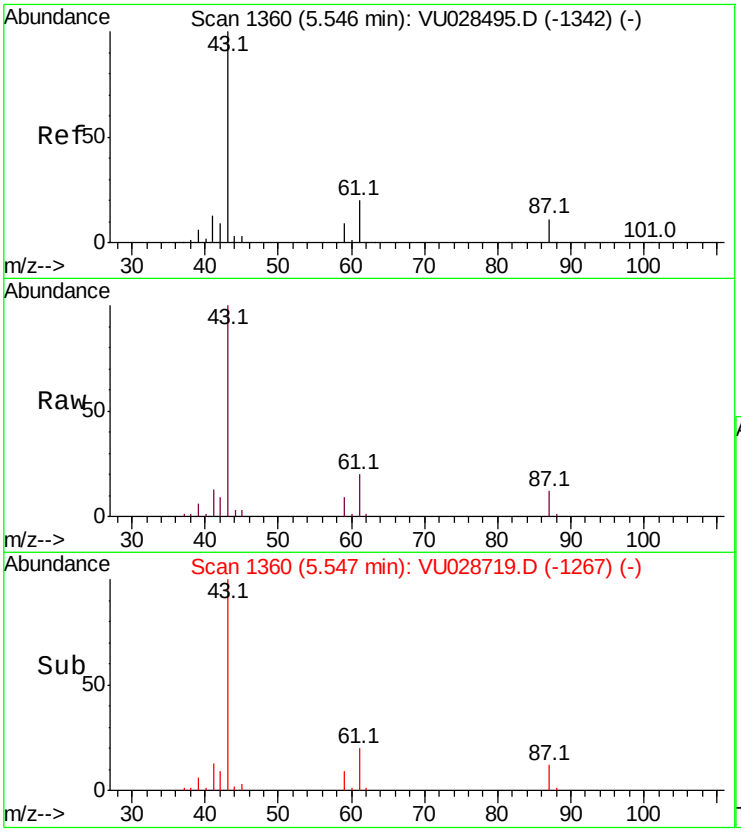




#42
1,2-Dichloroethane
Concen: 20.333 ug/l
RT: 5.40 min Scan# 1315
Delta R.T. -0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion: 62 Resp: 36048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.1 | 0.0 | 17.2 |



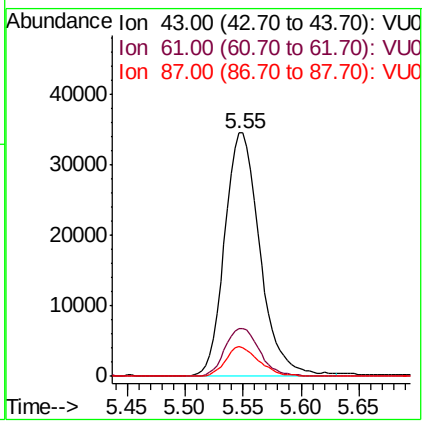


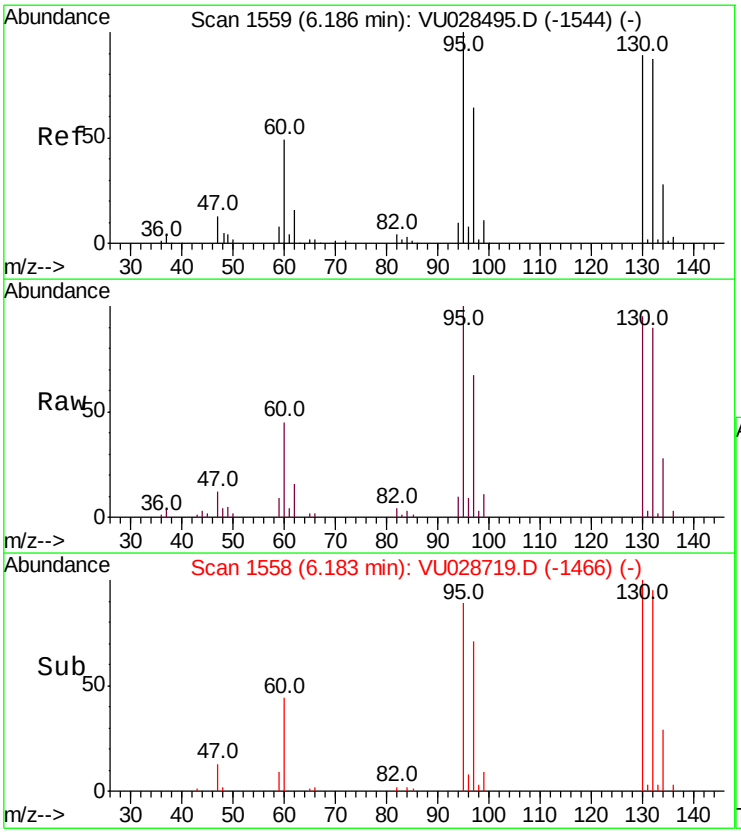

#43
Isopropyl Acetate
Concen: 20.884 ug/l
RT: 5.55 min Scan# 1360
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion: 43 Resp: 73430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 19.2 | 15.5 | 23.3 |
| 87 | 11.4 | 8.7 | 13.1 |

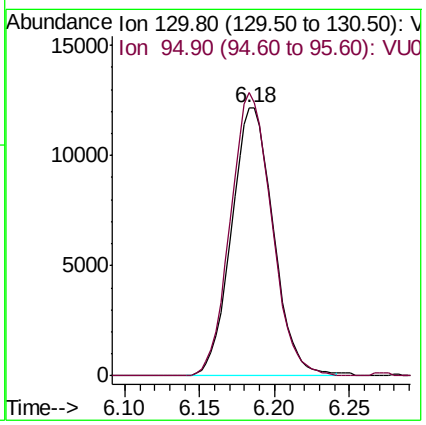


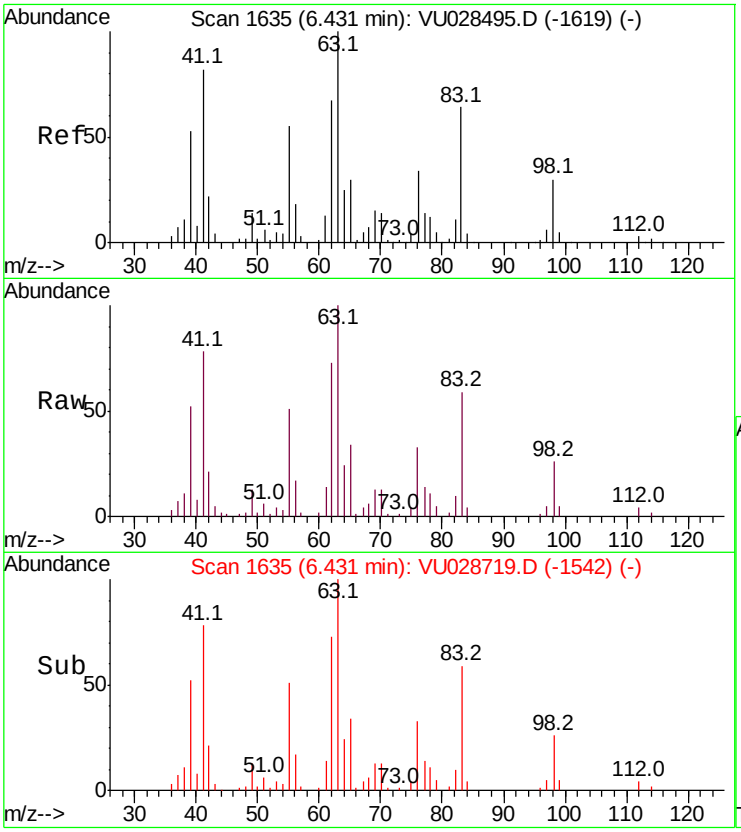




#44
Trichloroethene
Concen: 21.087 ug/l
RT: 6.18 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion:130 Resp: 23747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 105.5 | 0.0 | 224.0 |



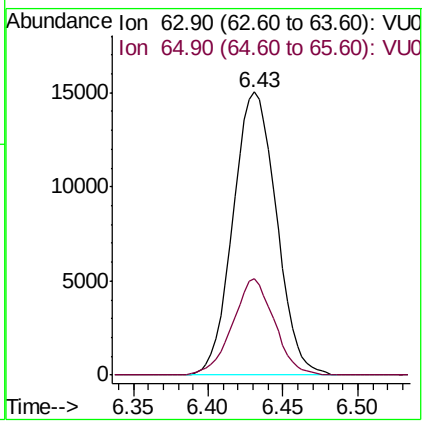


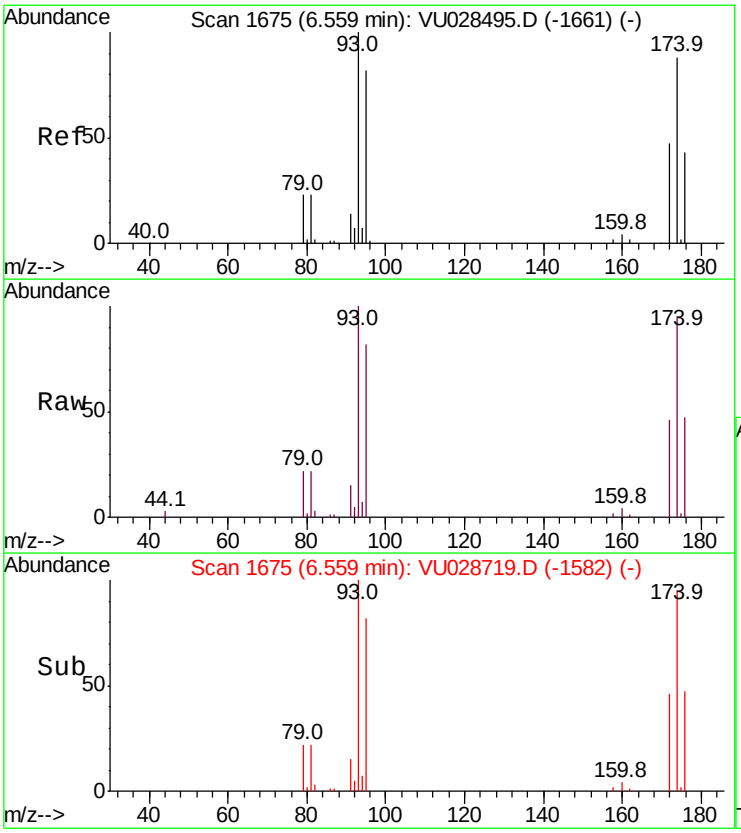

#45
1,2-Dichloropropane
Concen: 21.331 ug/l
RT: 6.43 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion: 63 Resp: 30381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 33.9 | 24.2 | 36.4 |

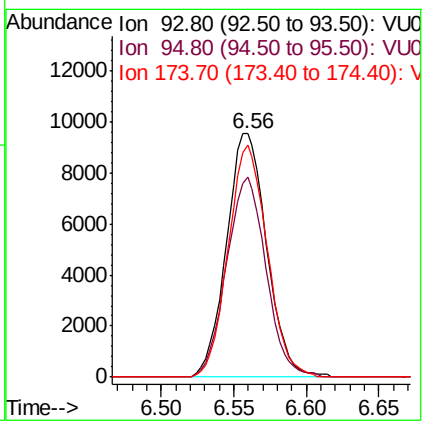


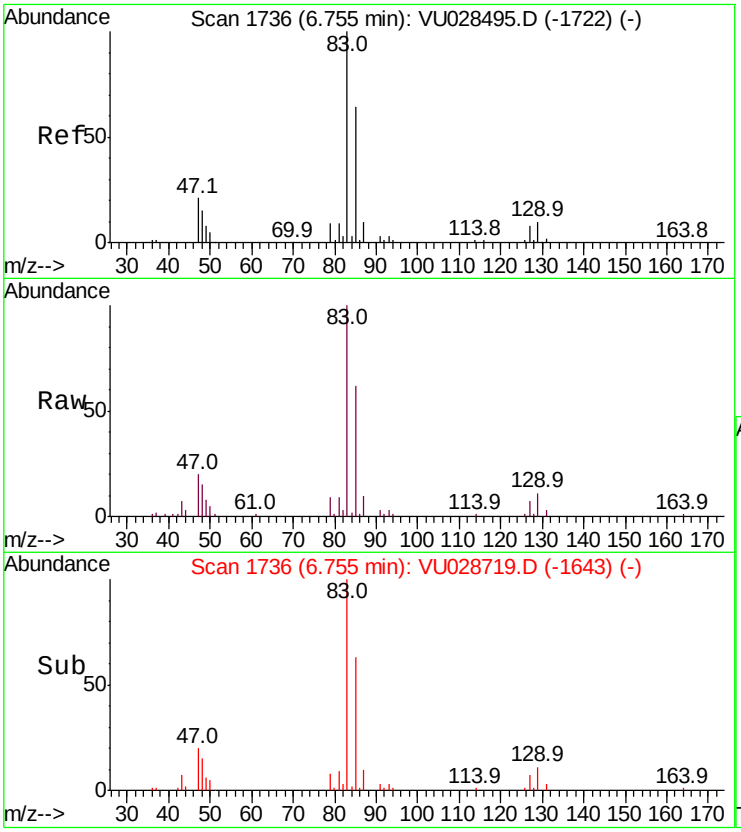




#46
Dibromomethane
Concen: 21.739 ug/l
RT: 6.56 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion: 93 Resp: 18371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 80.5 | 65.4 | 98.2 |
| 174 | 92.5 | 72.2 | 108.4 |



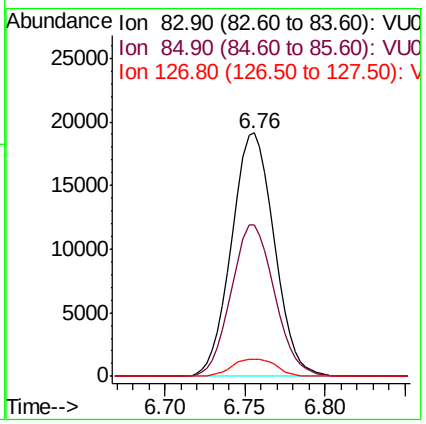


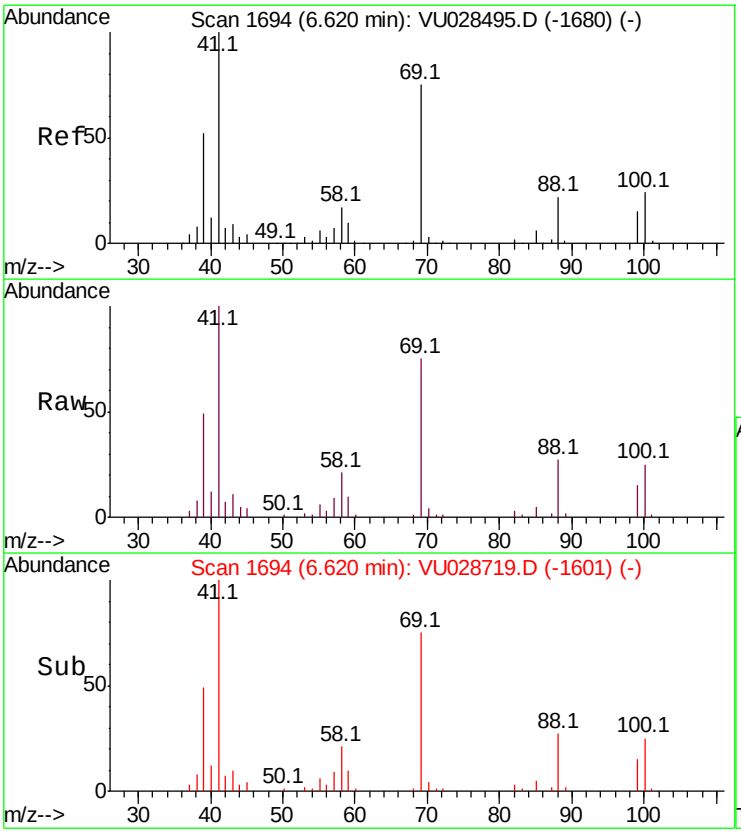

#47
Bromodichloromethane
Concen: 21.200 ug/l
RT: 6.76 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion: 83 Resp: 34862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.2 | 51.5 | 77.3 |
| 127 | 7.2 | 6.2 | 9.4 |

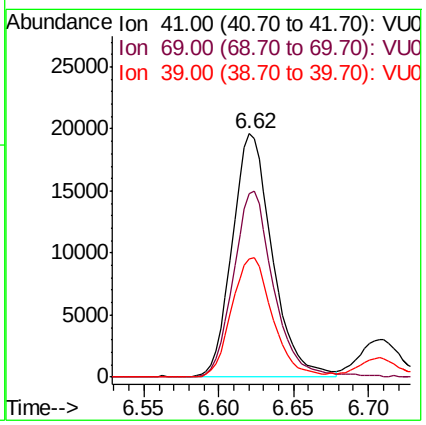


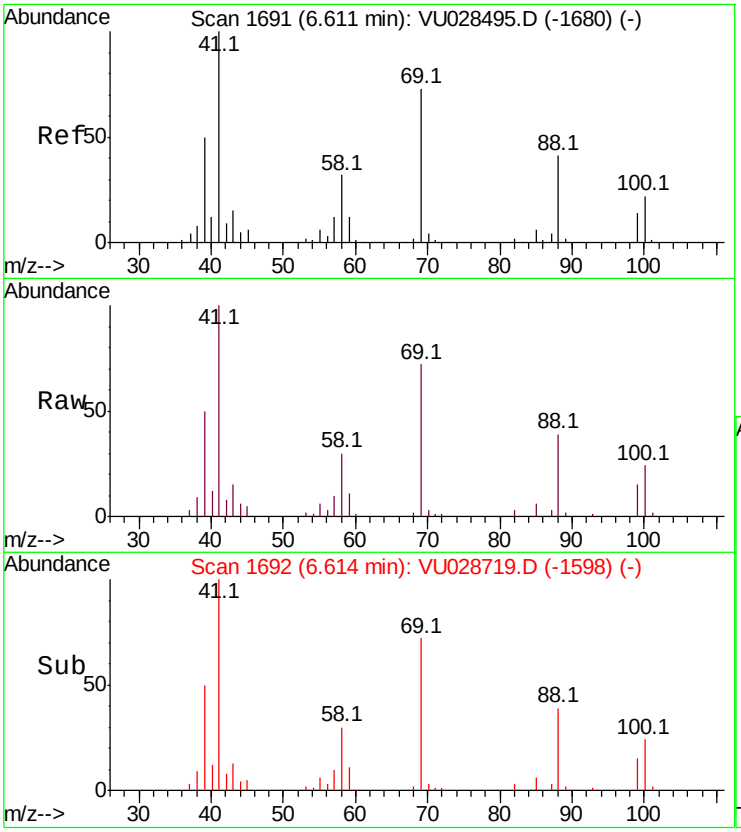




#48
Methyl methacrylate
Concen: 20.919 ug/l
RT: 6.62 min Scan# 1694
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion: 41 Resp: 36579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 76.6 | 60.4 | 90.6 |
| 39 | 49.7 | 41.1 | 61.7 |



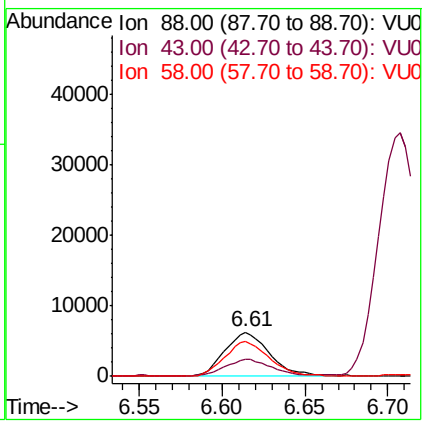


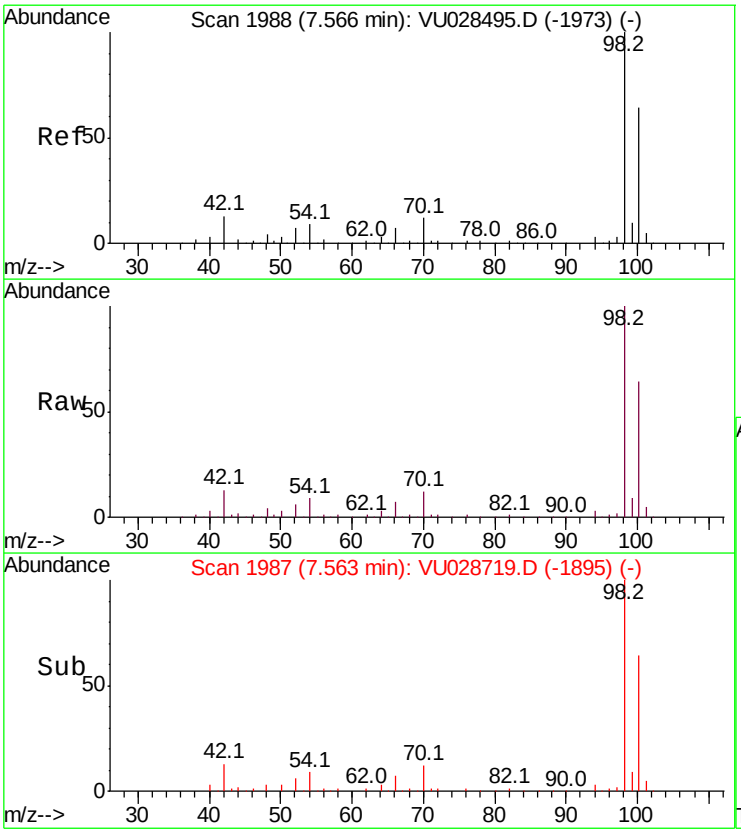

#49
1,4-Dioxane
Concen: 429.812 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion: 88 Resp: 11867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 41.3 | 30.9 | 46.3 |
| 58 | 77.6 | 62.4 | 93.6 |

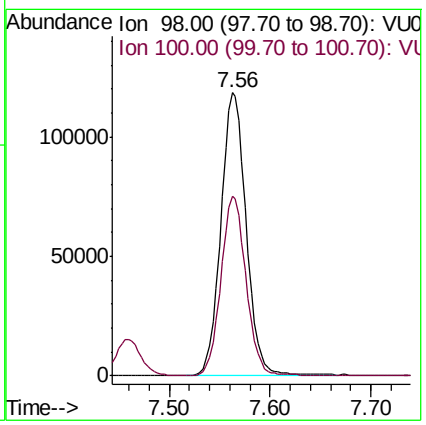


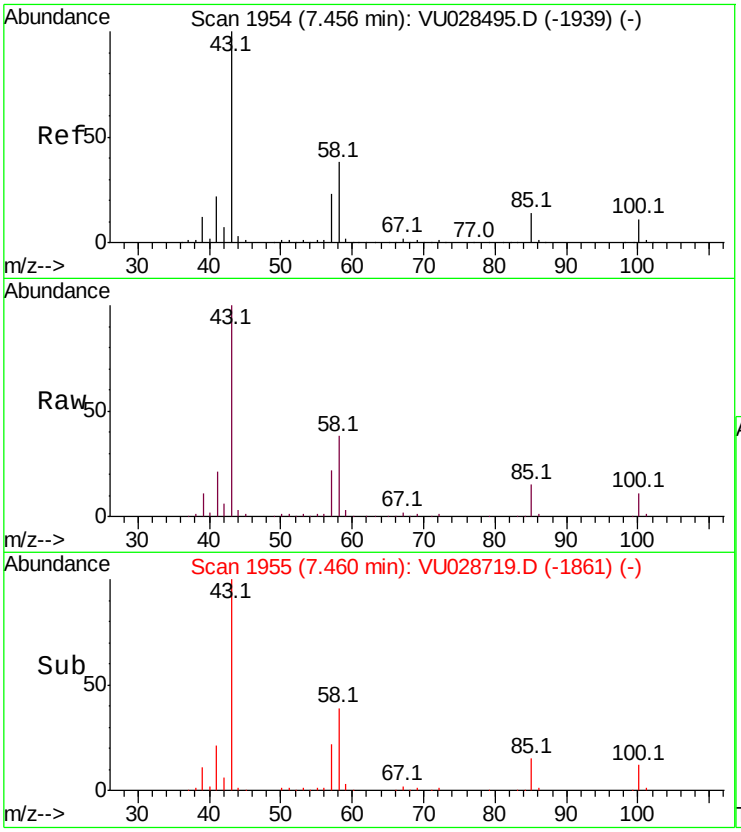




#50
Toluene-d8
Concen: 53.289 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion: 98 Resp: 208474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 62.5 | 51.0 | 76.6 |



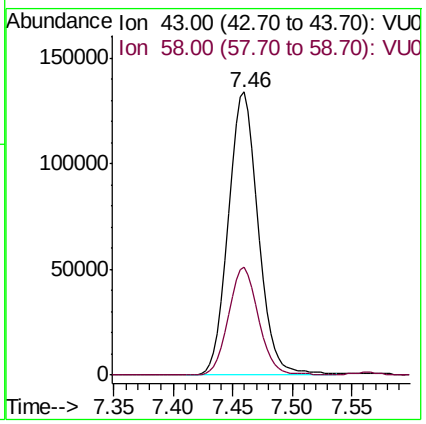


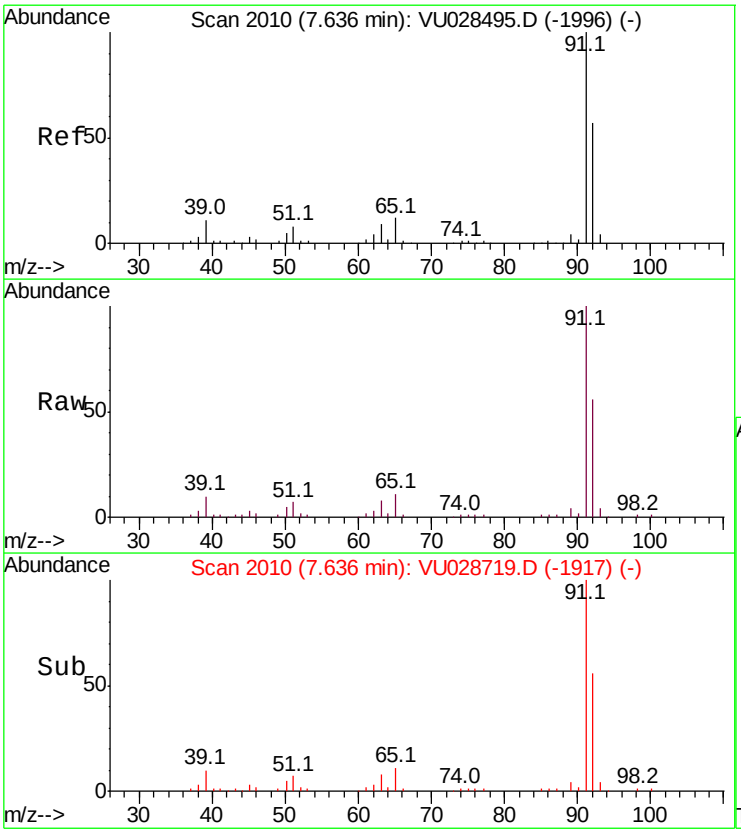

#51
4-Methyl-2-Pentanone
Concen: 105.412 ug/l
RT: 7.46 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion: 43 Resp: 233771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.4 | 30.2 | 45.2 |

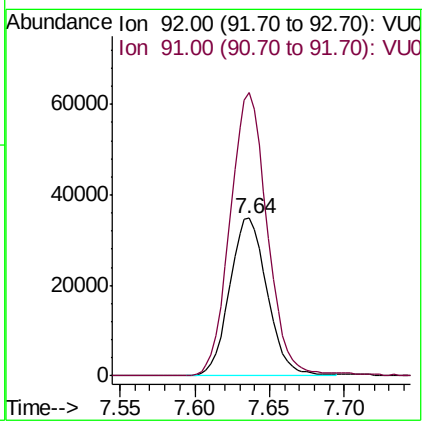


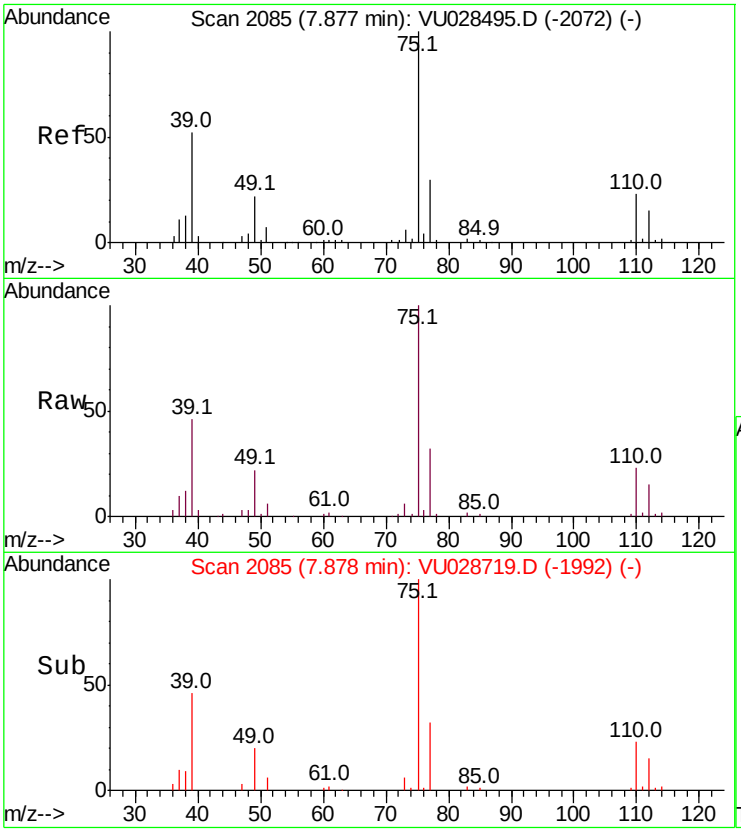




#52
Toluene
Concen: 20.510 ug/l
RT: 7.64 min Scan# 2010
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion: 92 Resp: 61135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 178.4 | 140.2 | 210.4 |



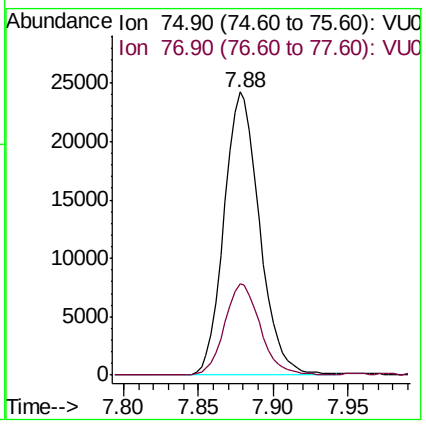


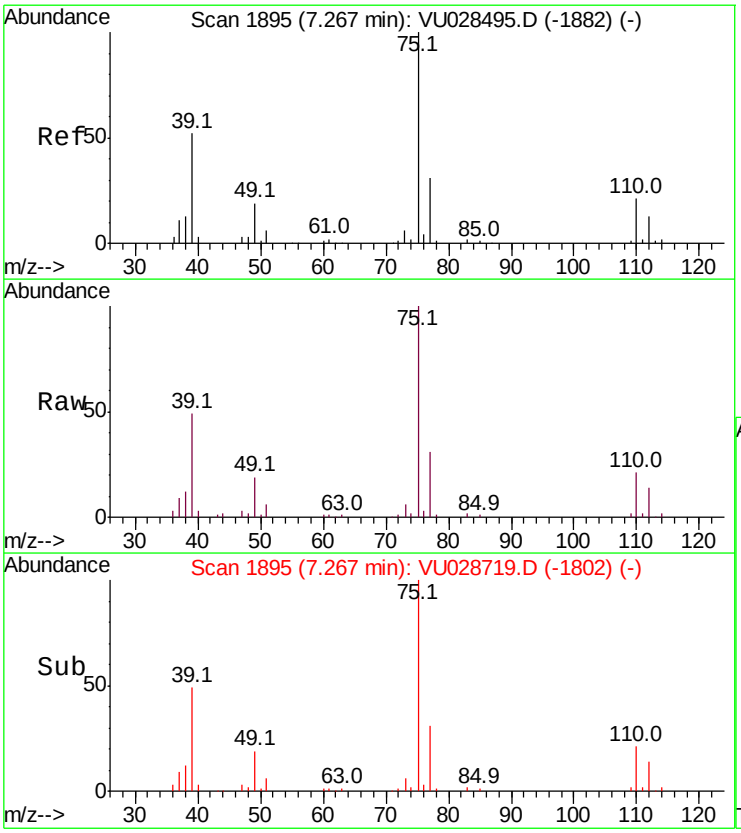

#53
t-1,3-Dichloropropene
Concen: 20.493 ug/l
RT: 7.88 min Scan# 2085
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion: 75 Resp: 40136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.2 | 24.2 | 36.4 |

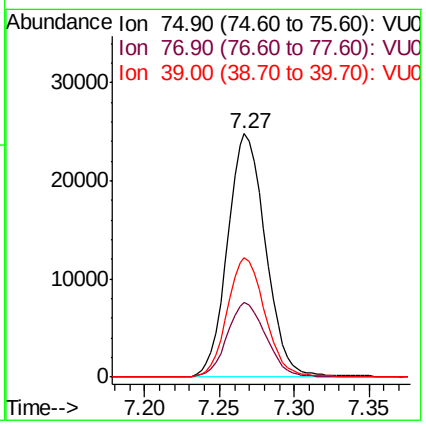


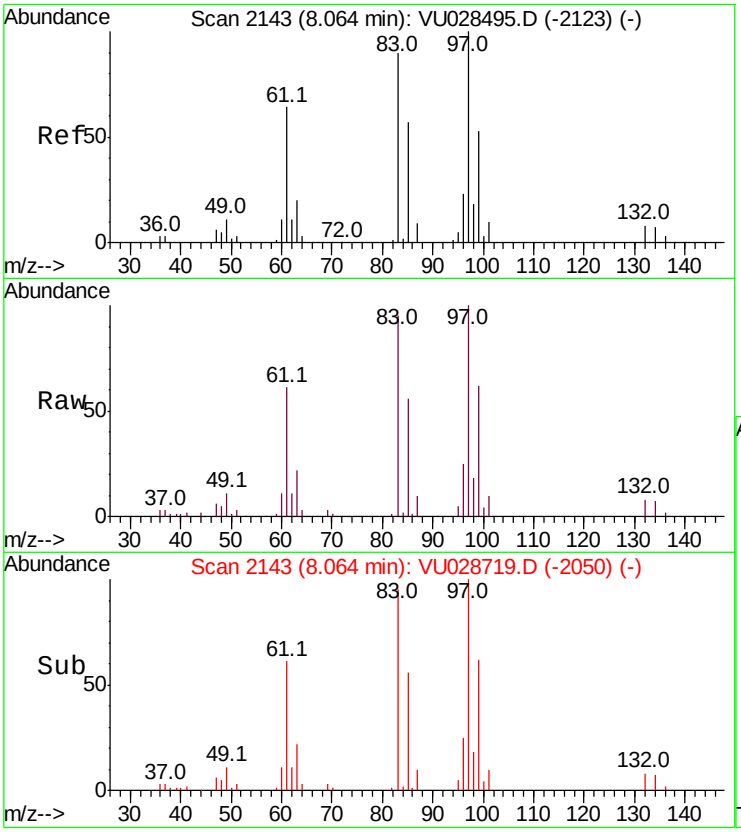




#54
cis-1,3-Dichloropropene
Concen: 20.651 ug/l
RT: 7.27 min Scan# 1895
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion: 75 Resp: 43880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.5 | 25.0 | 37.4 |
| 39 | 49.2 | 41.3 | 61.9 |



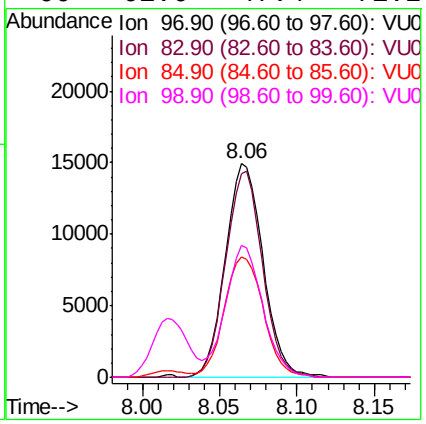


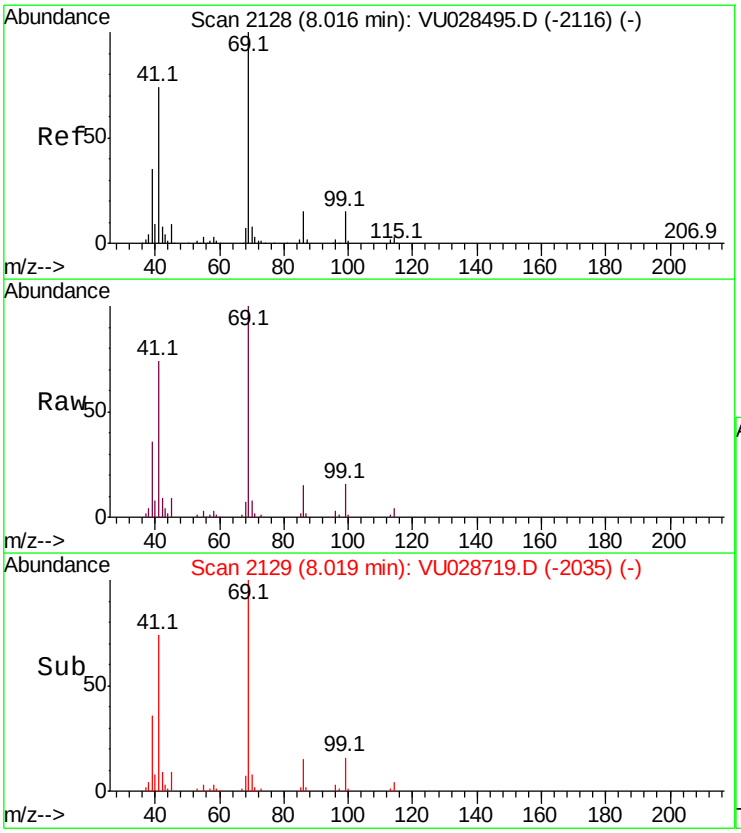

#55
1,1,2-Trichloroethane
Concen: 21.510 ug/l
RT: 8.06 min Scan# 2143
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion: 97 Resp: 25345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 95.3 | 72.4 | 108.6 |
| 85 | 56.1 | 46.0 | 69.0 |
| 99 | 61.6 | 47.4 | 71.2 |

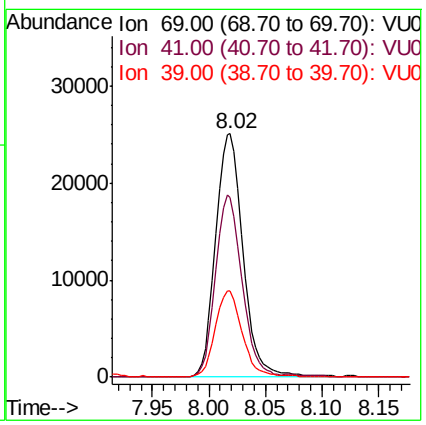


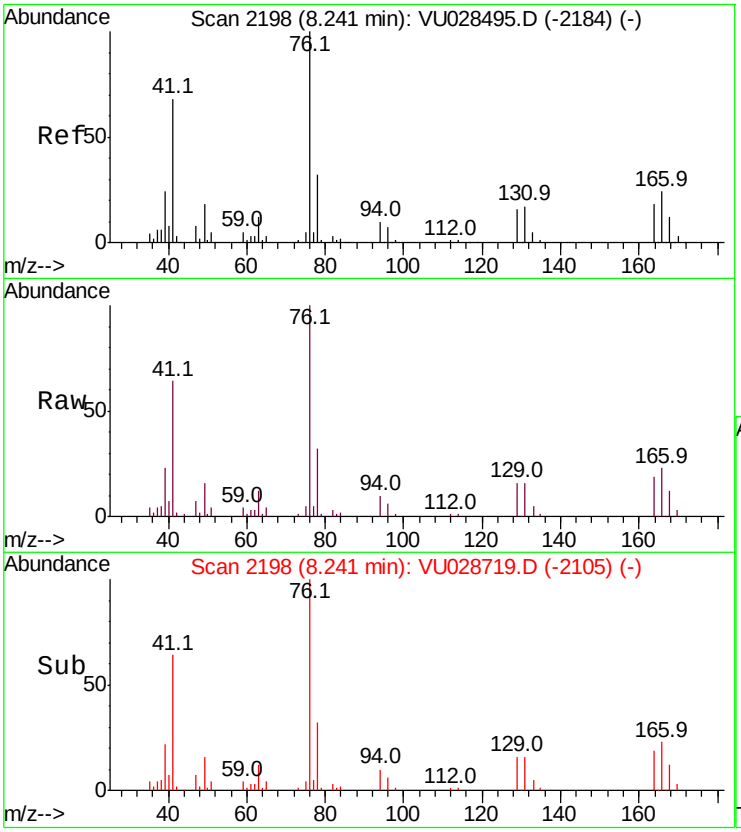




#56
Ethyl methacrylate
Concen: 21.103 ug/l
RT: 8.02 min Scan# 2129
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion: 69 Resp: 42579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 72.0 | 59.1 | 88.7 |
| 39 | 34.8 | 28.4 | 42.6 |



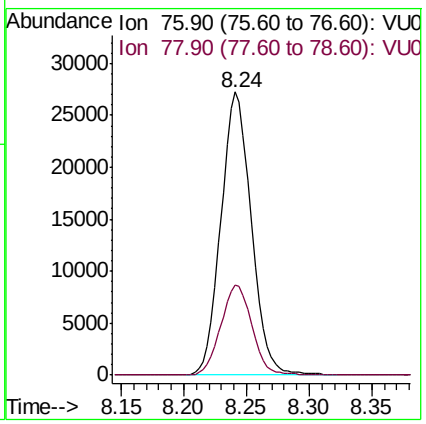


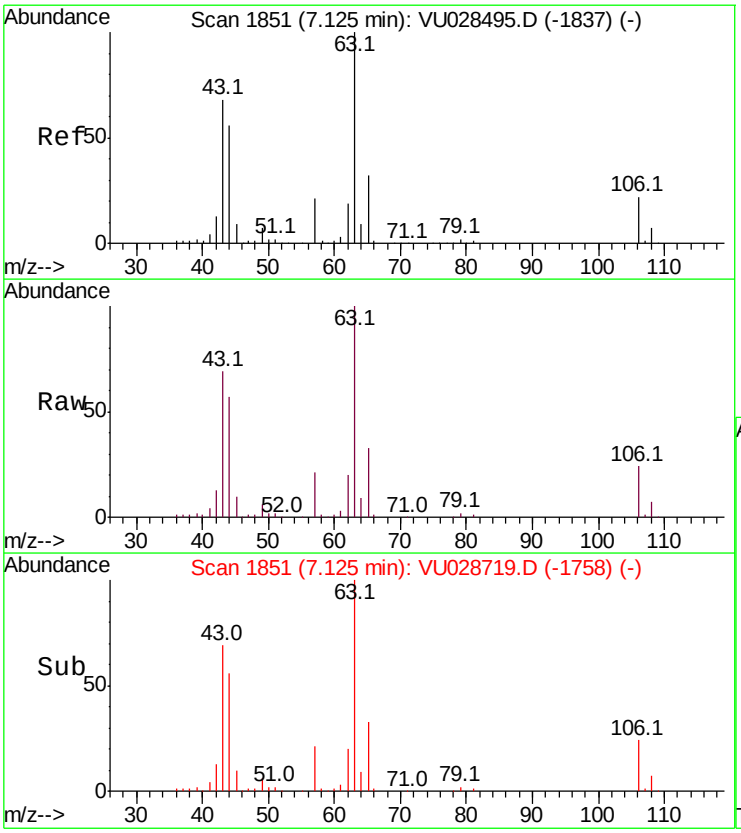

#57
1,3-Dichloropropane
Concen: 20.935 ug/l
RT: 8.24 min Scan# 2198
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion: 76 Resp: 45790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.4 | 25.2 | 37.8 |

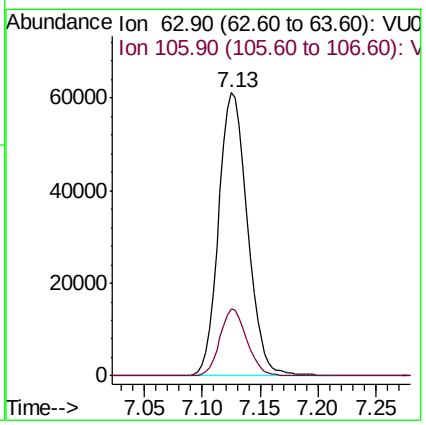


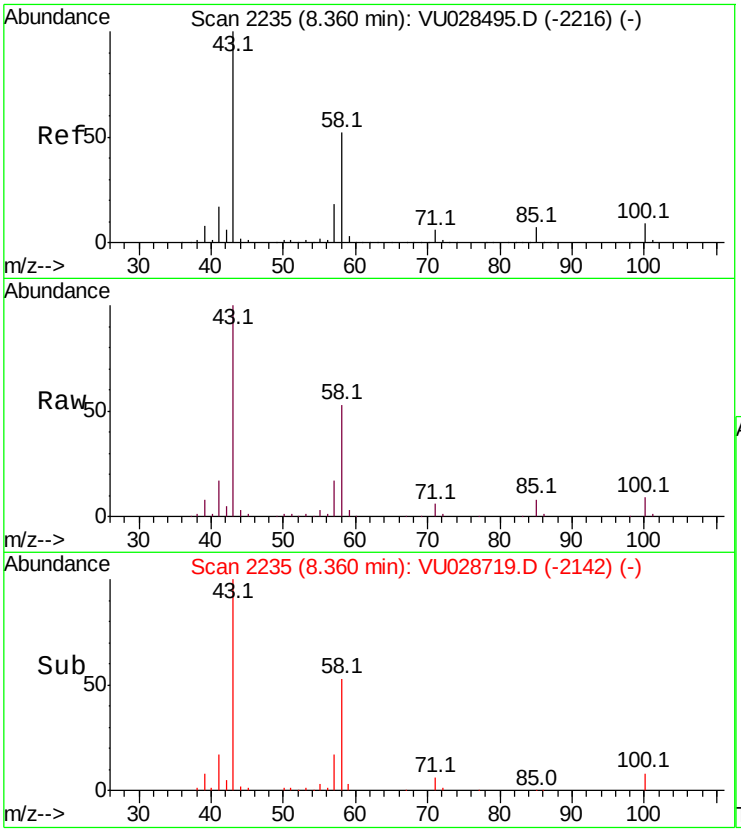




#58
2-Chloroethyl Vinyl ether
Concen: 102.223 ug/l
RT: 7.13 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion: 63 Resp: 105646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 22.1 | 17.8 | 26.6 |



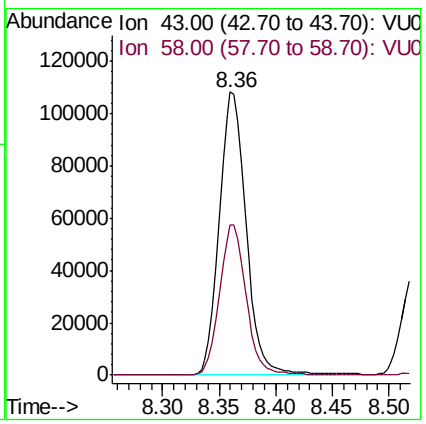


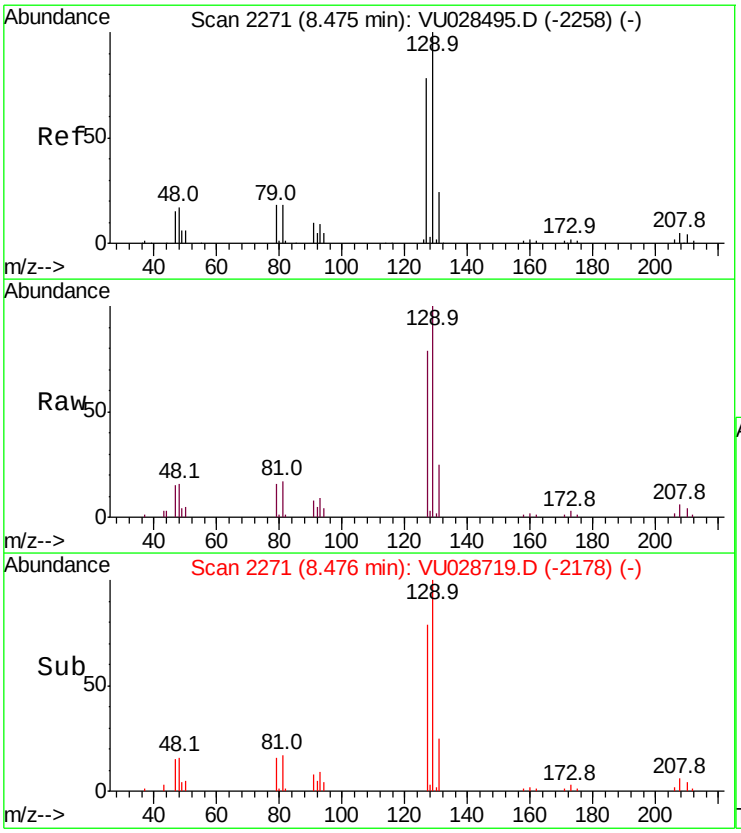

#59
2-Hexanone
Concen: 102.057 ug/l
RT: 8.36 min Scan# 2235
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion: 43 Resp: 179390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 52.7 | 25.9 | 77.6 |

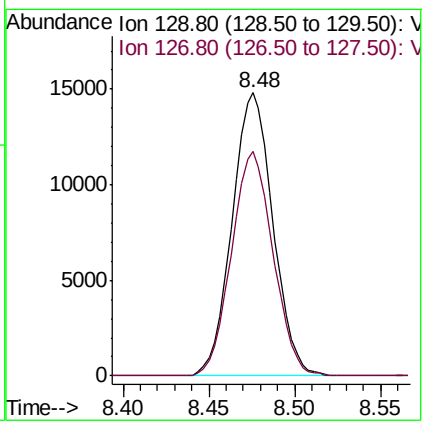


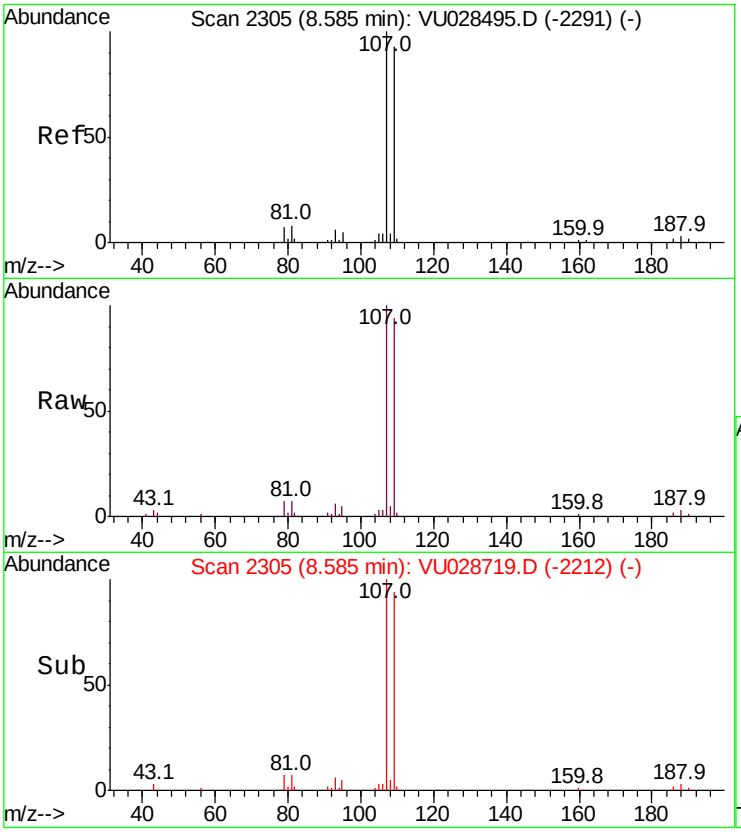




#60
Dibromochloromethane
Concen: 21.178 ug/l
RT: 8.48 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion:129 Resp: 24431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 80.5 | 39.1 | 117.3 |



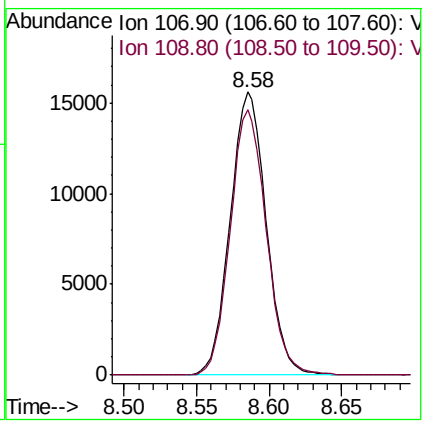


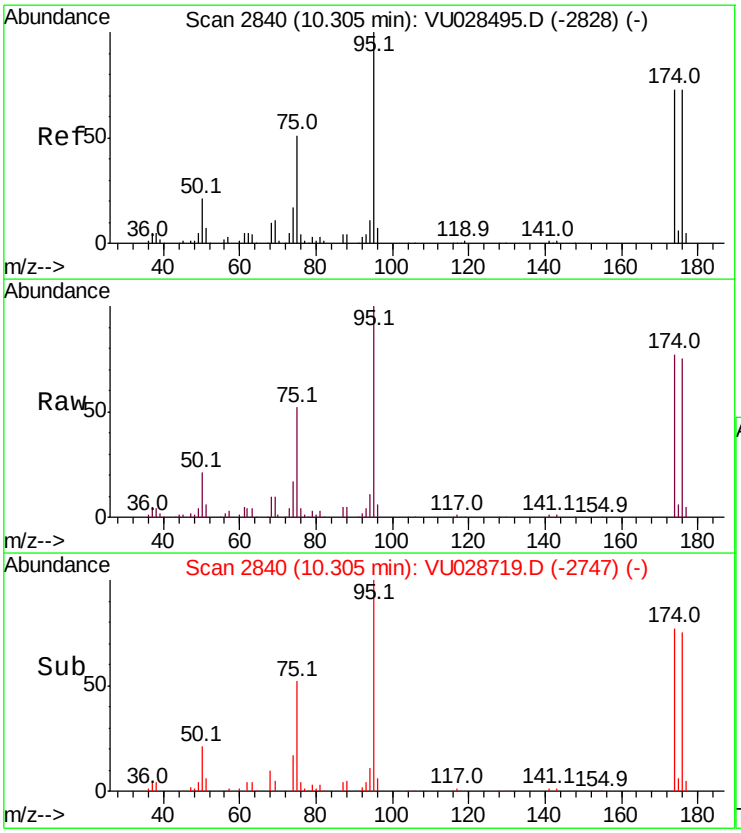

#61
1,2-Dibromoethane
Concen: 21.744 ug/l
RT: 8.58 min Scan# 2305
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion:107 Resp: 26867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 94.1 | 74.5 | 111.7 |

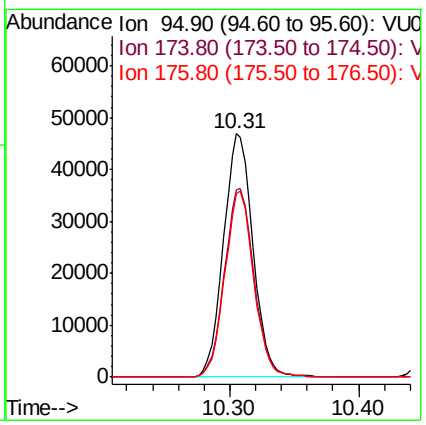


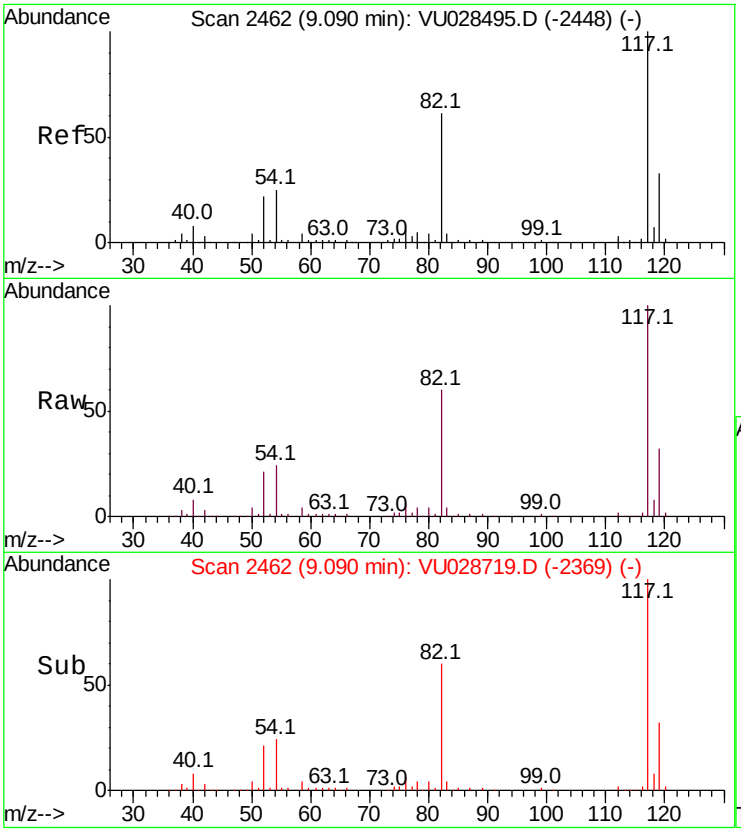




#62
4-Bromofluorobenzene
Concen: 50.842 ug/l
RT: 10.31 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion: 95 Resp: 74342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 77.6 | 0.0 | 150.4 |
| 176 | 74.8 | 0.0 | 145.2 |



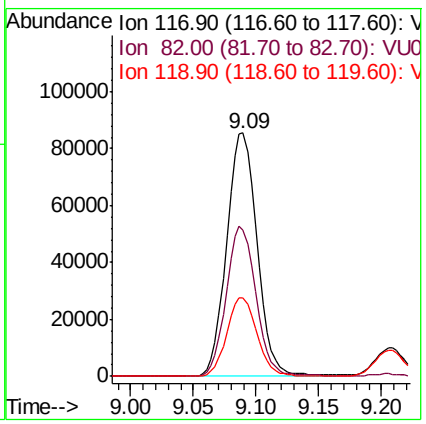


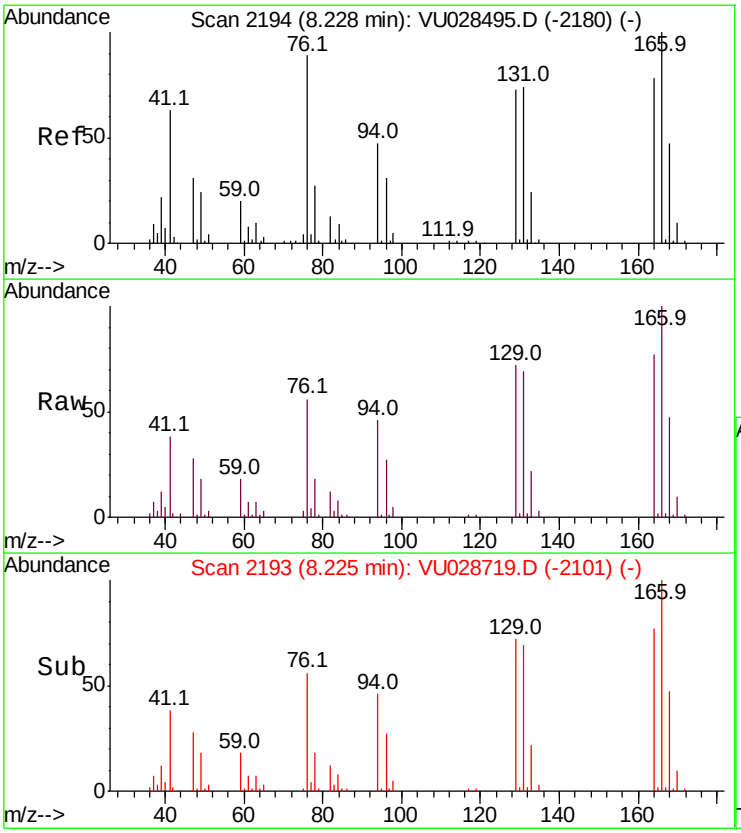

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion:117 Resp: 144539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 60.2 | 48.9 | 73.3 |
| 119 | 32.2 | 26.2 | 39.4 |

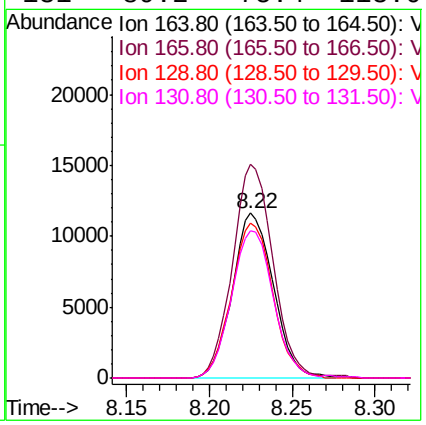


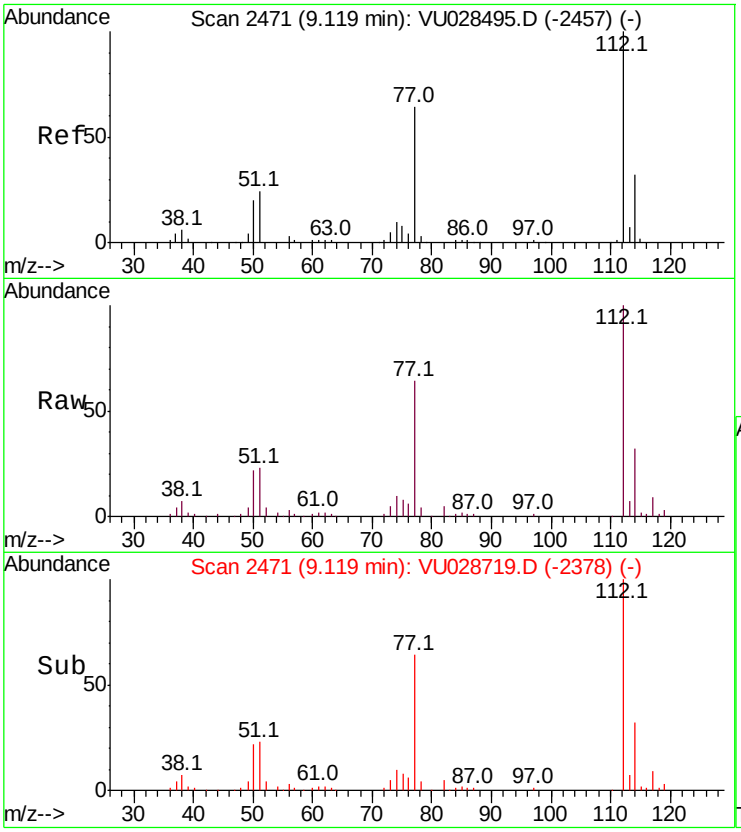




#64
Tetrachloroethene
Concen: 20.780 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion:164 Resp: 20034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 129.6 | 101.9 | 152.9 |
| 129 | 93.8 | 74.9 | 112.3 |
| 131 | 89.2 | 75.4 | 113.0 |



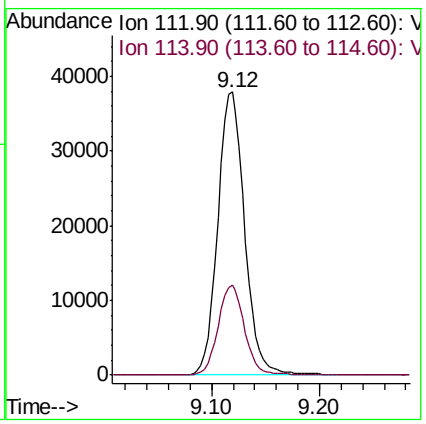


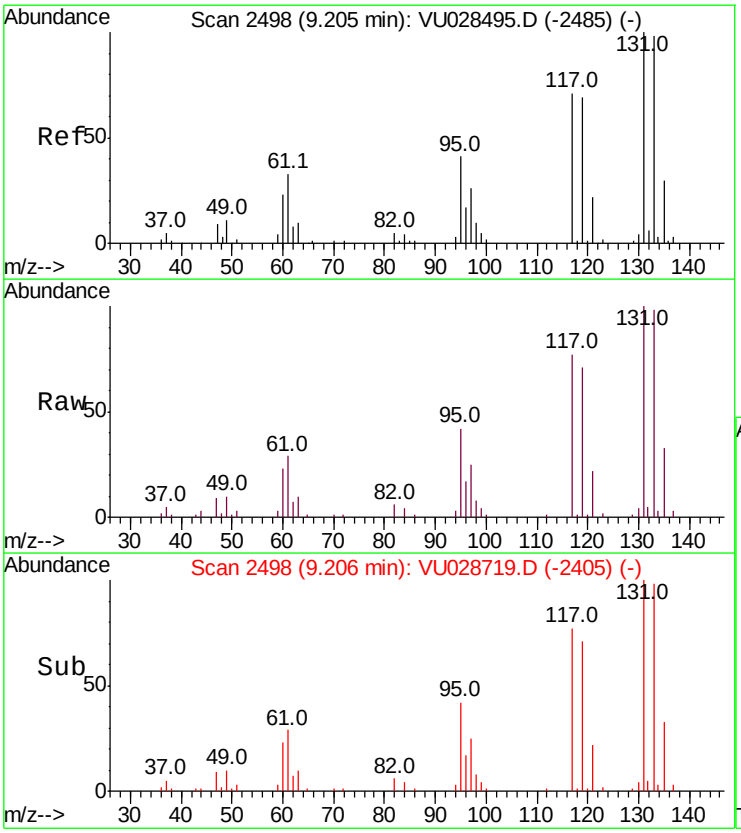

#65
Chlorobenzene
Concen: 21.251 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion:112 Resp: 65453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.0 | 25.3 | 37.9 |

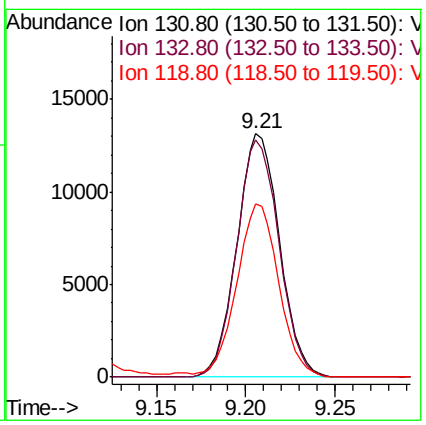


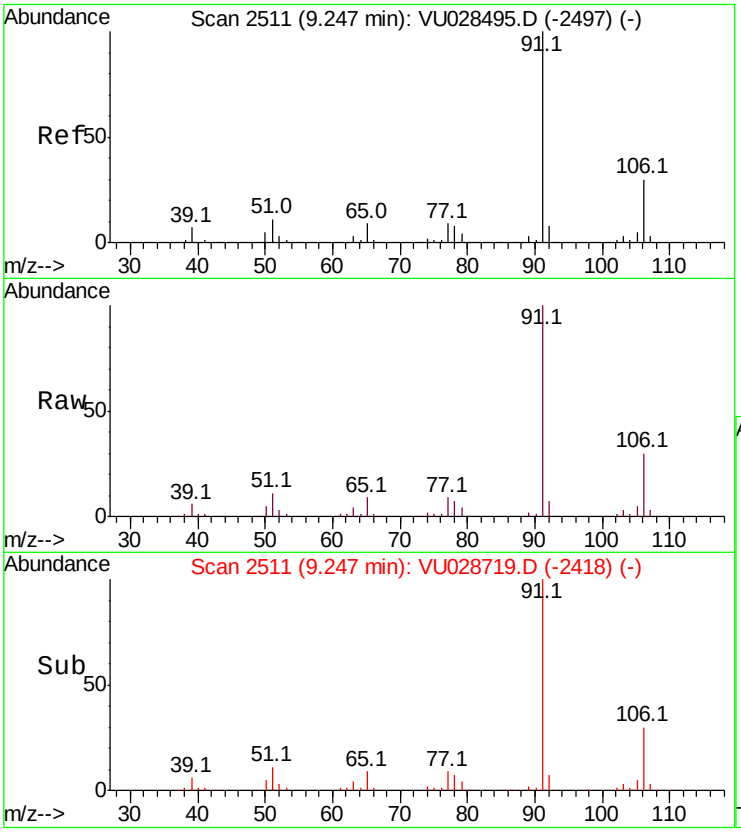




#66
1,1,1,2-Tetrachloroethane
Concen: 22.271 ug/l
RT: 9.21 min Scan# 2498
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion:131 Resp: 21904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 96.9 | 48.0 | 144.0 |
| 119 | 70.2 | 34.6 | 103.9 |



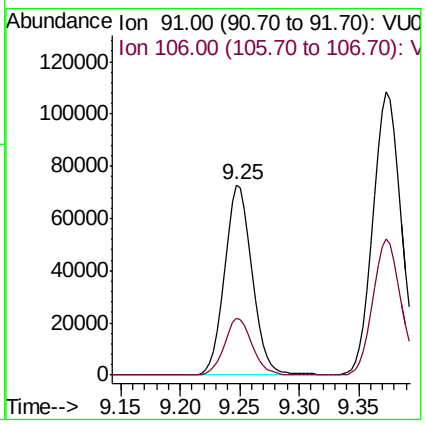


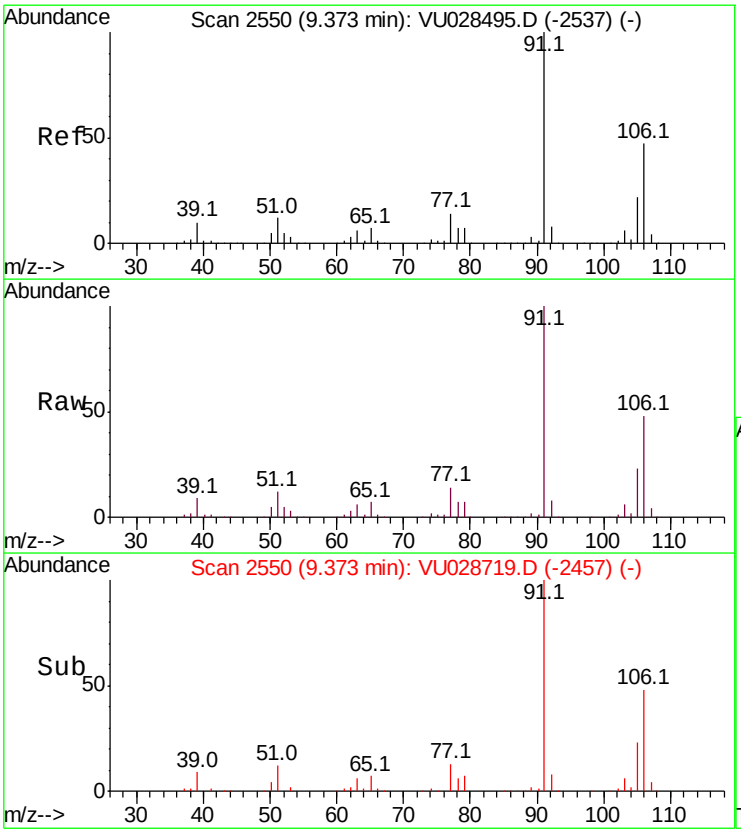

#67
Ethyl Benzene
Concen: 20.716 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion: 91 Resp: 117294

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

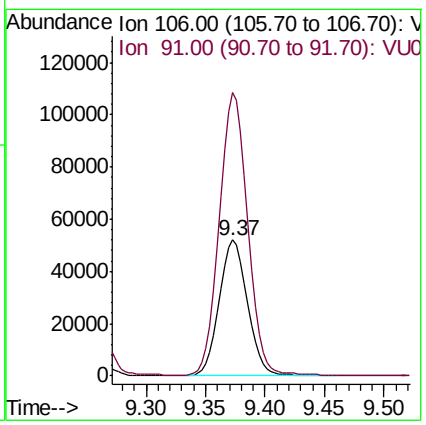


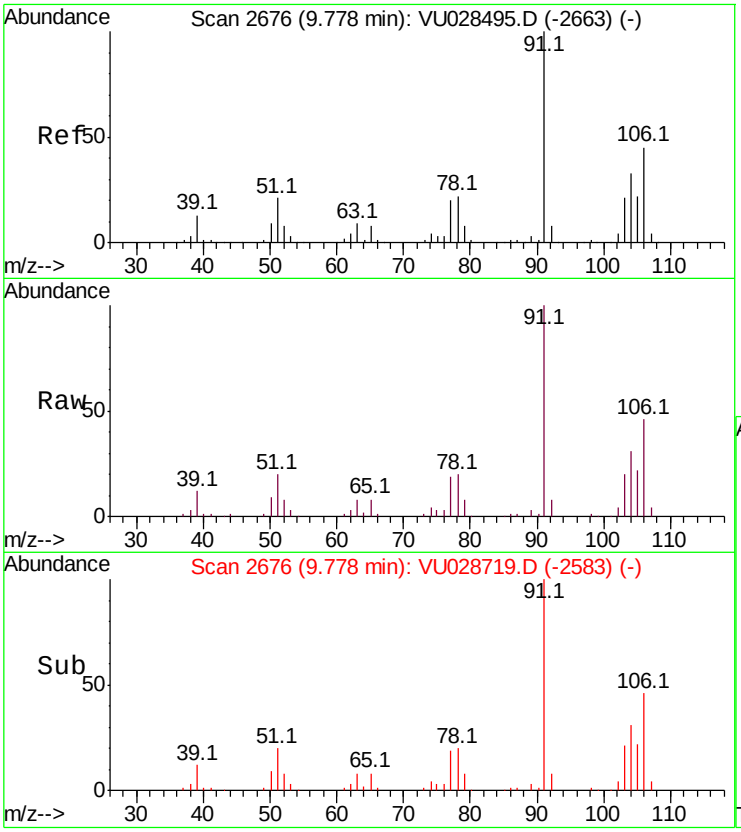




#68
m/p-Xylenes
Concen: 41.890 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion:106 Resp: 86303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 208.2 | 167.4 | 251.0 |



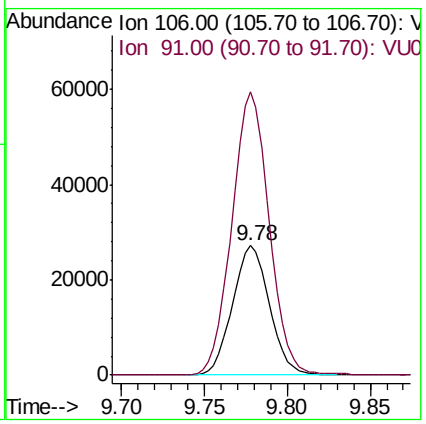


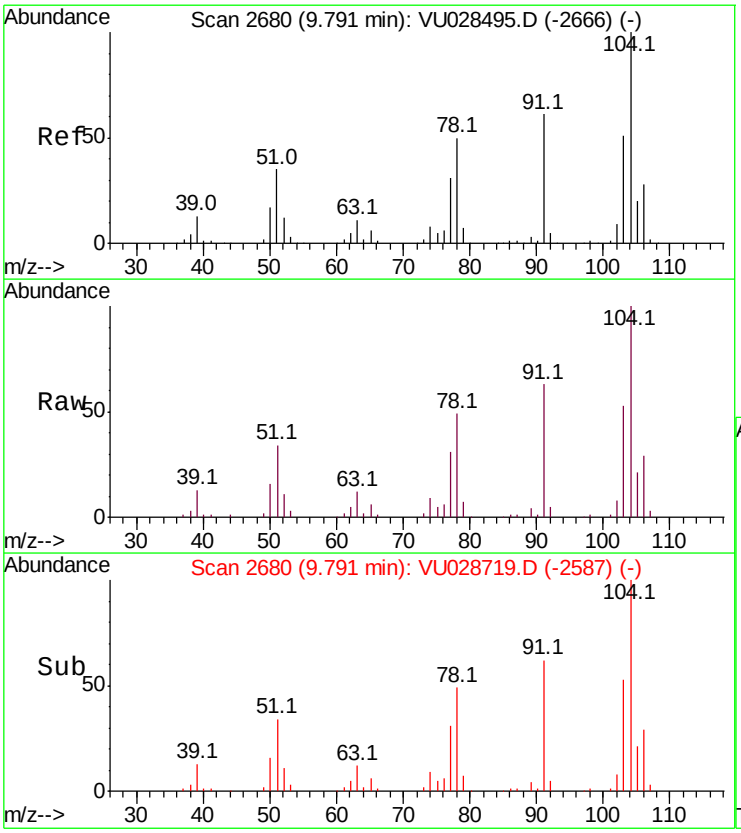

#69
o-Xylene
Concen: 21.008 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion:106 Resp: 42061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 220.8 | 111.3 | 334.0 |

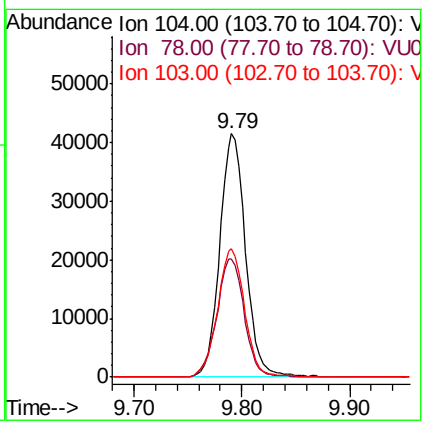


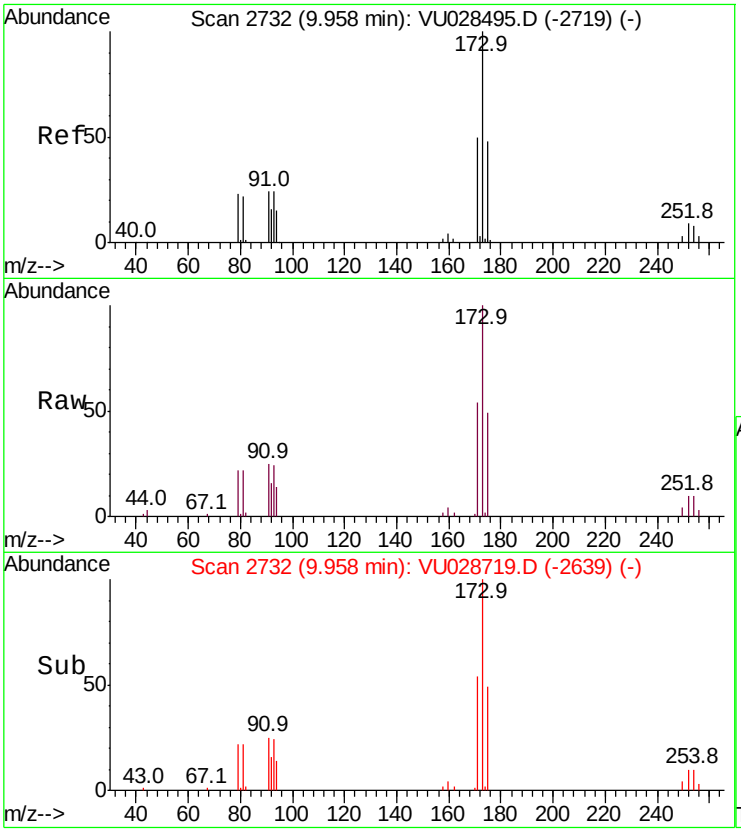




#70
Styrene
Concen: 20.794 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion:104 Resp: 68900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 51.9 | 43.0 | 64.6 |
| 103 | 55.4 | 44.2 | 66.4 |



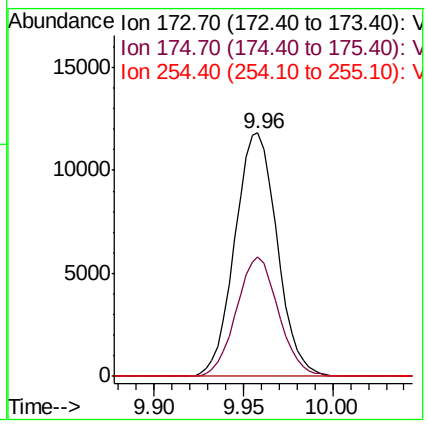


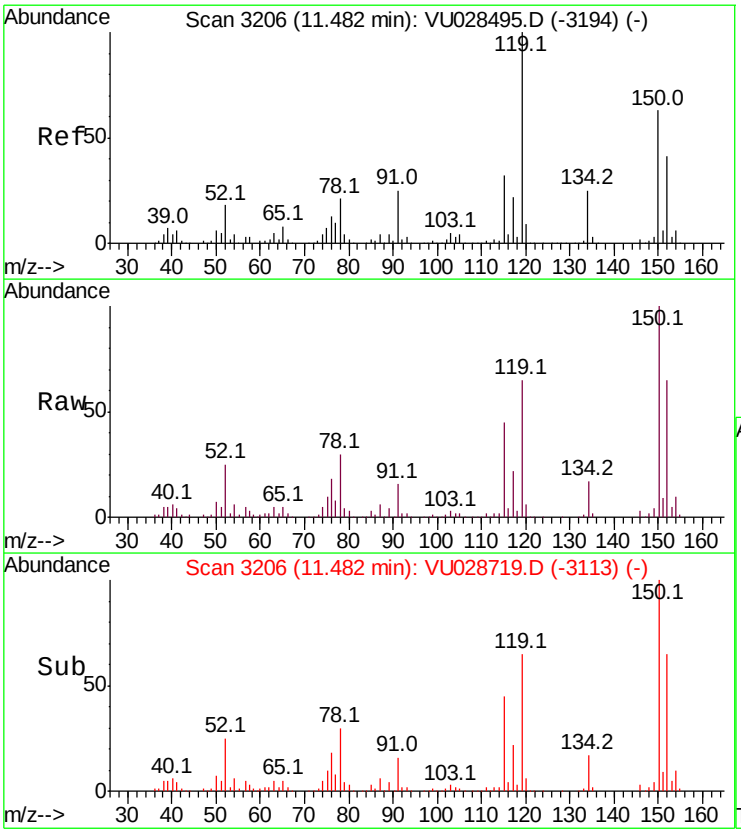

#71
Bromoform
Concen: 23.328 ug/l
RT: 9.96 min Scan# 2732
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion:173 Resp: 19518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.6 | 23.9 | 71.8 |
| 254 | 0.0 | 0.0 | 0.0 |

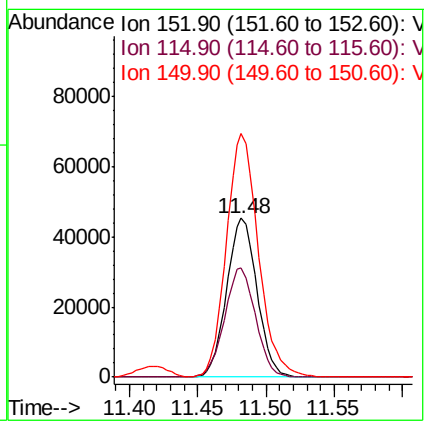


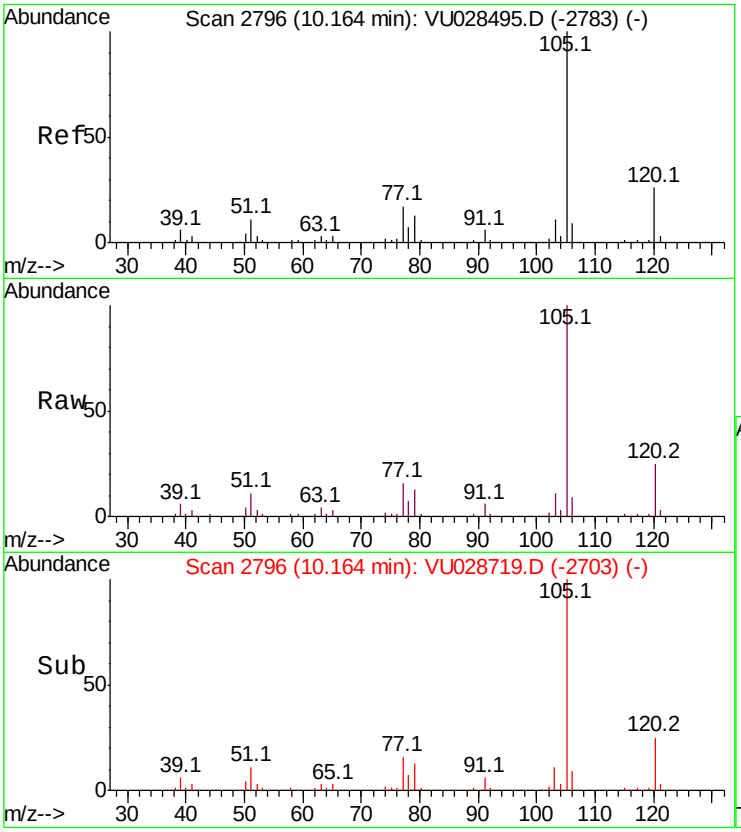




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion:152 Resp: 70044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 69.8 | 42.7 | 128.1 |
| 150 | 161.8 | 0.0 | 346.0 |



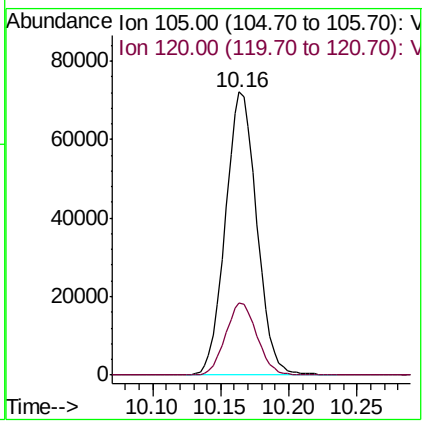


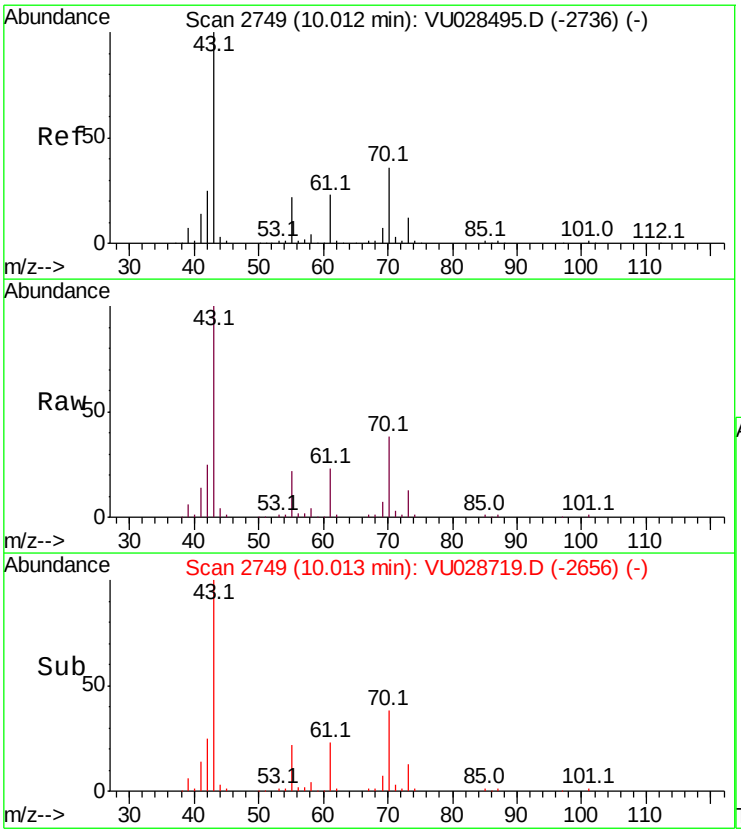

#73
Isopropylbenzene
Concen: 21.440 ug/l
RT: 10.16 min Scan# 2796
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion:105 Resp: 115234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.5 | 12.9 | 38.6 |

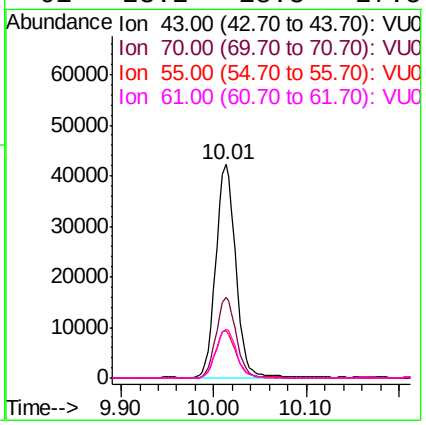


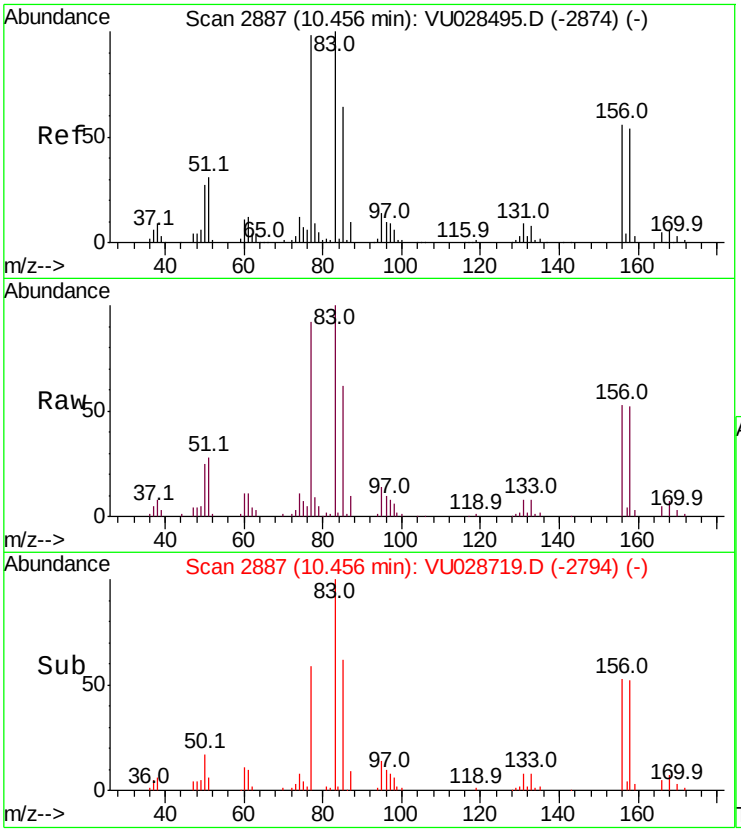




#74
N-amyl acetate
Concen: 20.507 ug/l
RT: 10.01 min Scan# 2749
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion: 43 Resp: 63577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 37.5 | 29.3 | 43.9 |
| 55 | 22.9 | 18.0 | 27.0 |
| 61 | 23.2 | 18.3 | 27.5 |



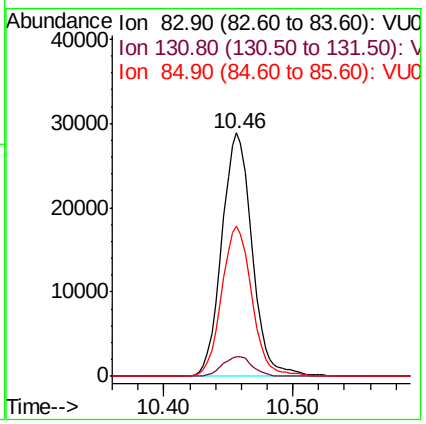


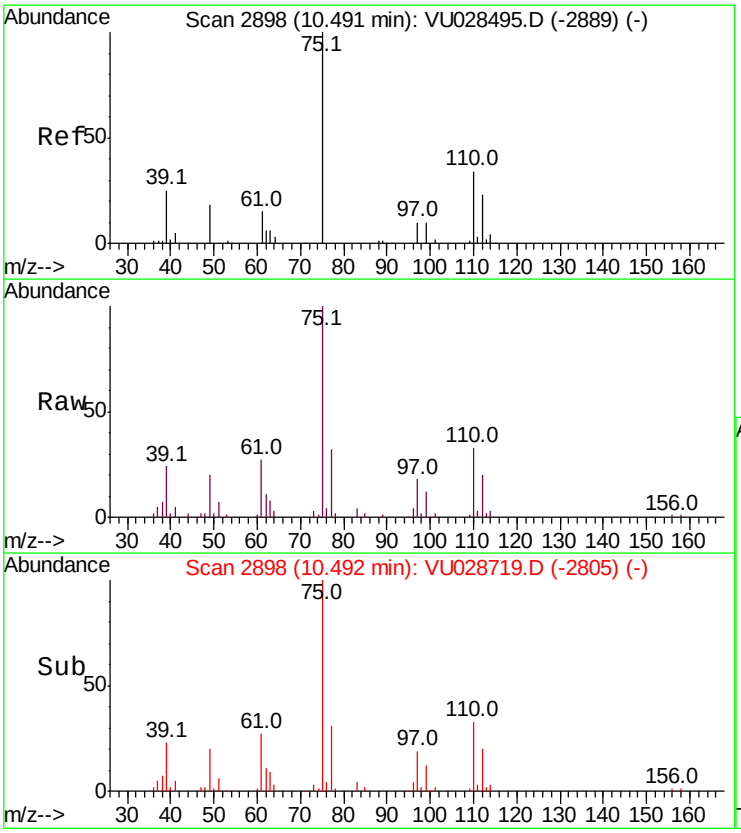

#75
1,1,2,2-Tetrachloroethane
Concen: 22.748 ug/l
RT: 10.46 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion: 83 Resp: 46967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 8.0 | 4.2 | 12.4 |
| 85 | 61.4 | 31.8 | 95.4 |

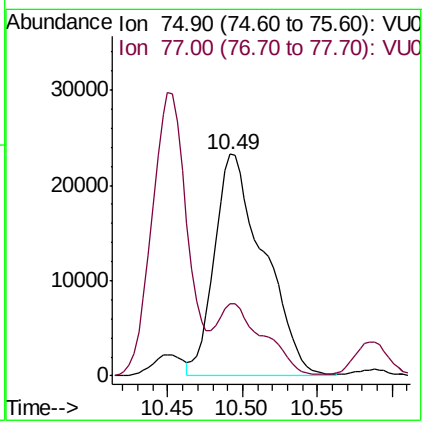


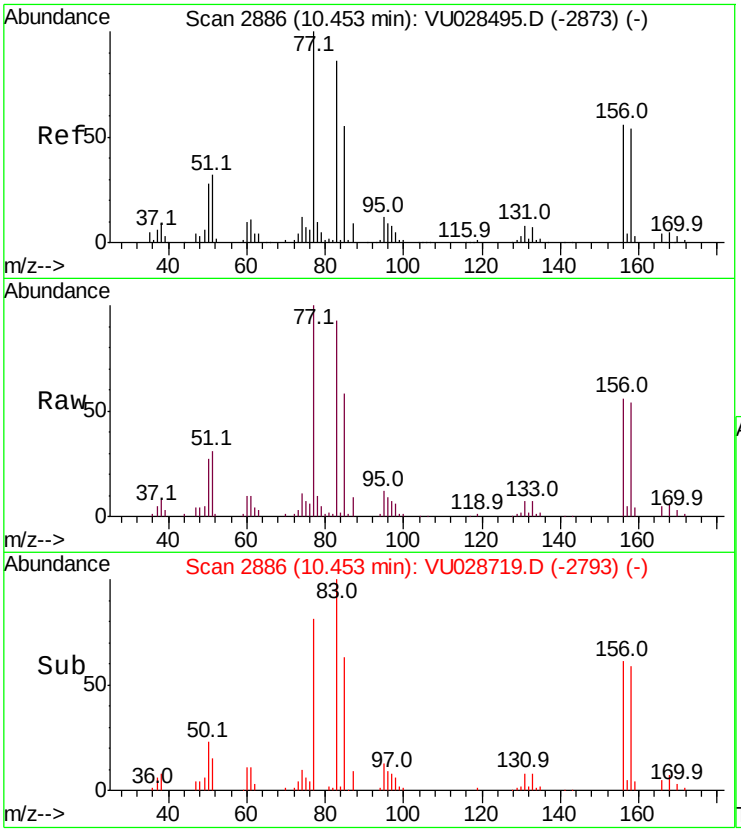




#76
1,2,3-Trichloropropane
Concen: 30.019 ug/l
RT: 10.49 min Scan# 2898
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion: 75 Resp: 53691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.2 | 20.8 | 62.4 |



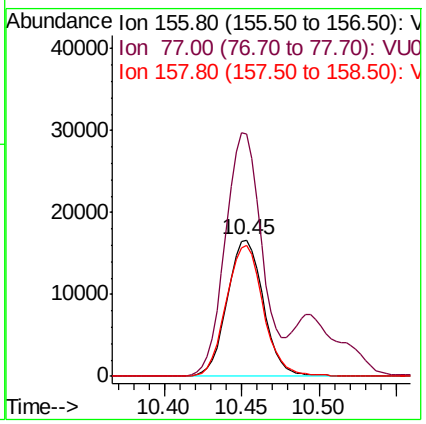


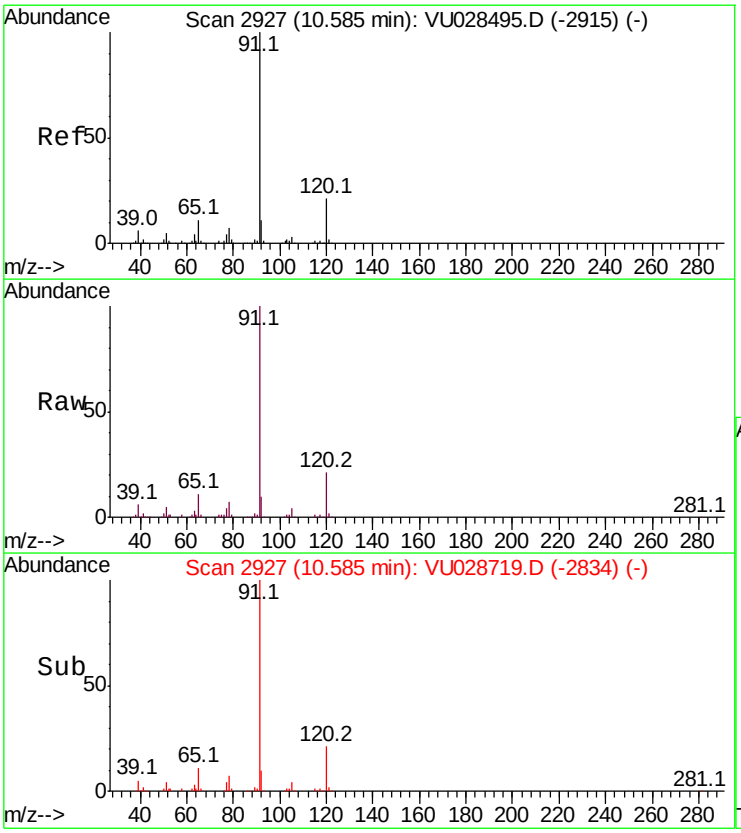

#77
Bromobenzene
Concen: 21.490 ug/l
RT: 10.45 min Scan# 2886
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion:156 Resp: 27013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 182.8 | 92.4 | 277.2 |
| 158 | 98.5 | 48.4 | 145.3 |

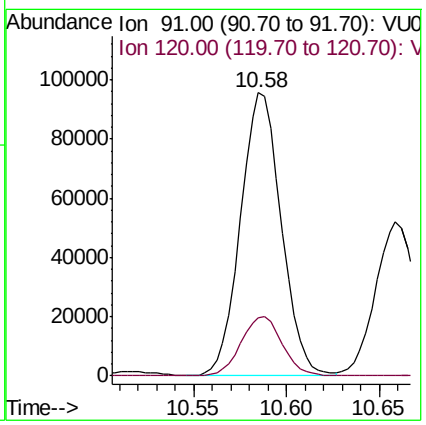


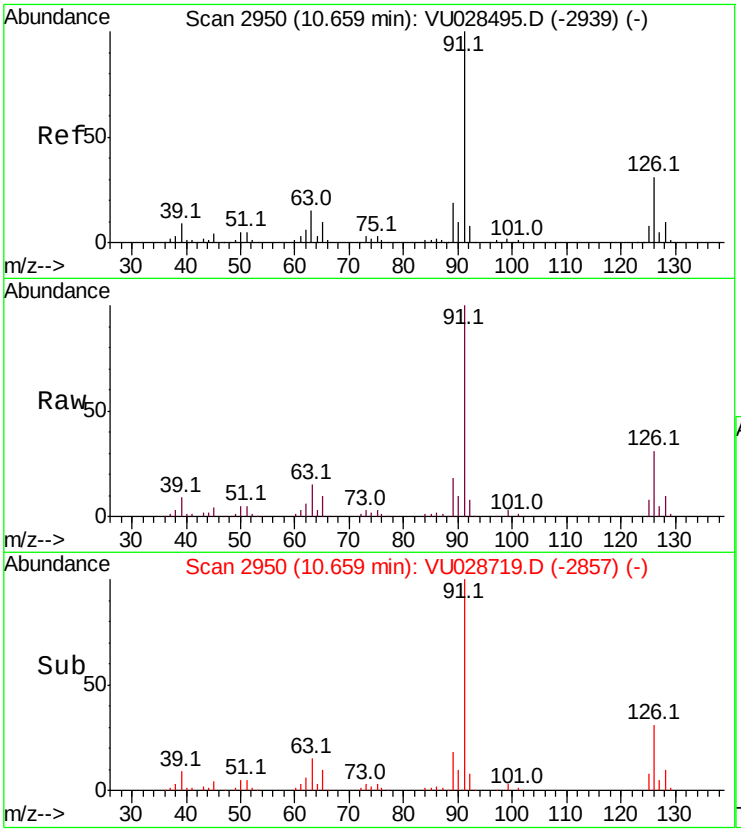




#78
n-propylbenzene
Concen: 21.789 ug/l
RT: 10.58 min Scan# 2927
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion: 91 Resp: 145518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 21.2 | 10.6 | 31.8 |



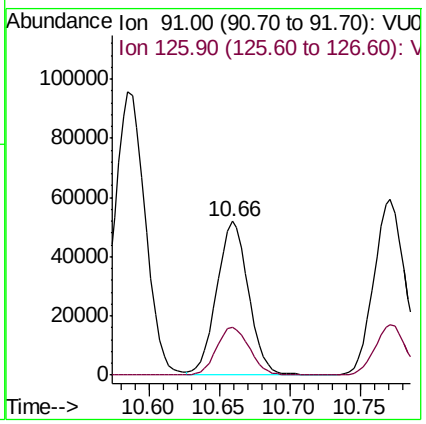


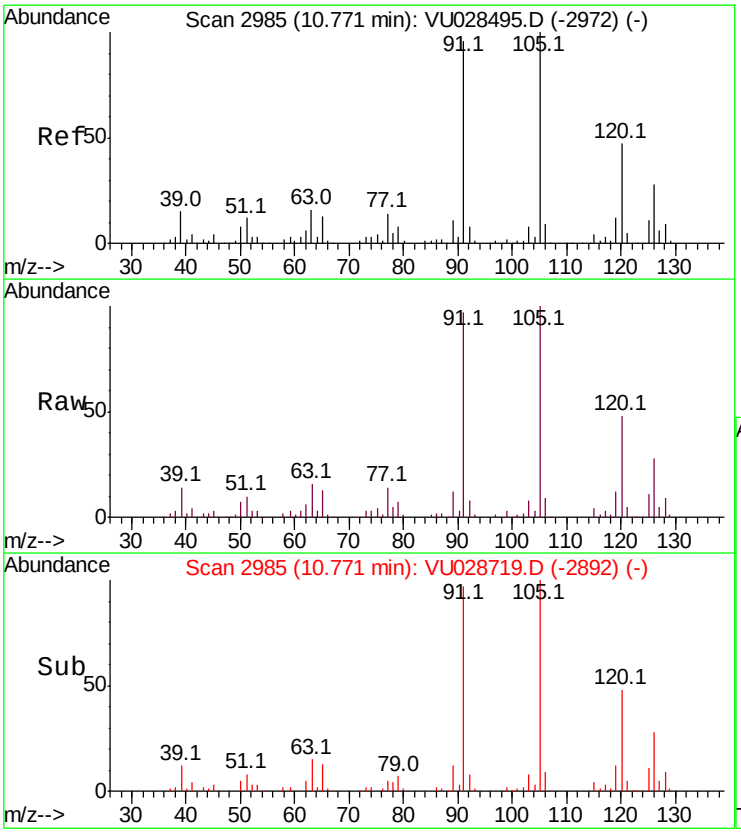

#79
2-Chlorotoluene
Concen: 21.164 ug/l
RT: 10.66 min Scan# 2950
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion: 91 Resp: 81420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 32.2 | 15.6 | 46.8 |

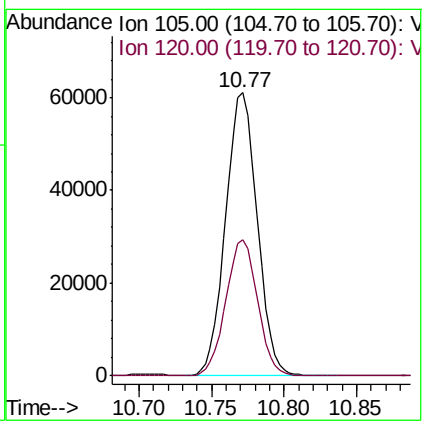


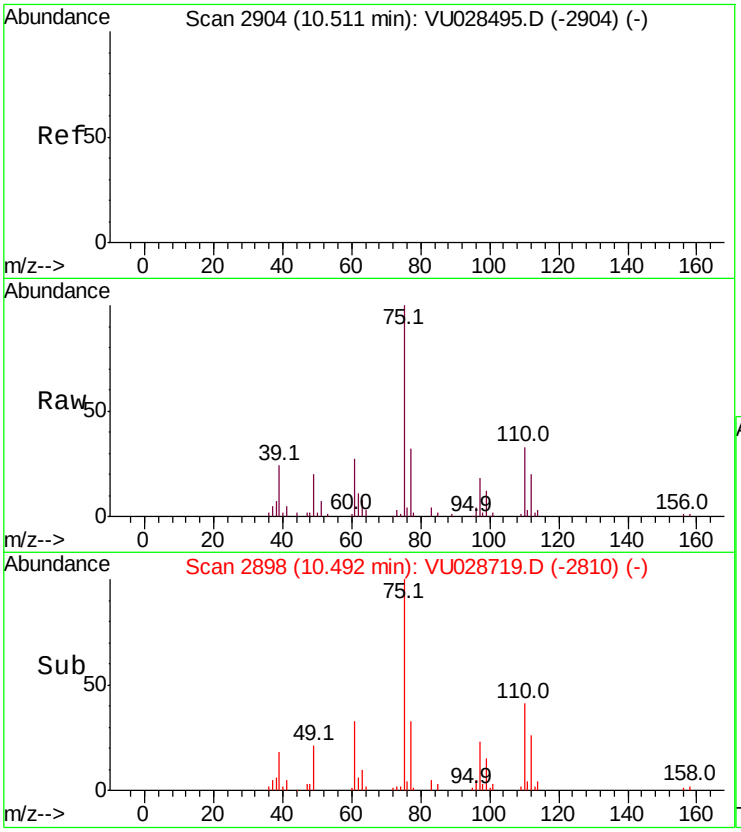




#80
1,3,5-Trimethylbenzene
Concen: 20.842 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion:105 Resp: 92727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.1 | 23.7 | 71.1 |



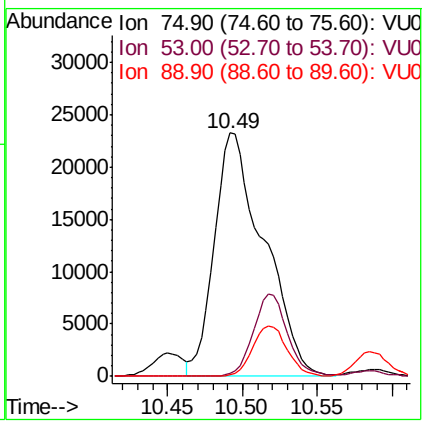


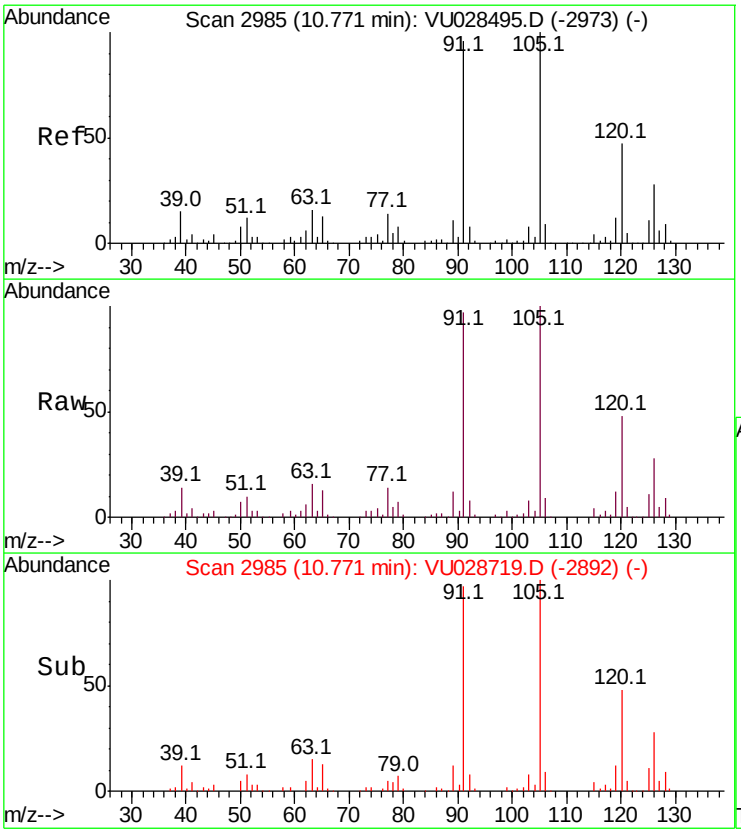

#81
trans-1,4-Dichloro-2-butene
Concen: 73.557 ug/l
RT: 10.49 min Scan# 2898
Delta R.T. -0.02 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion: 75 Resp: 53691

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

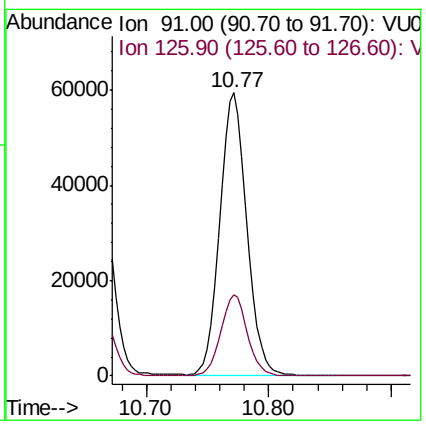


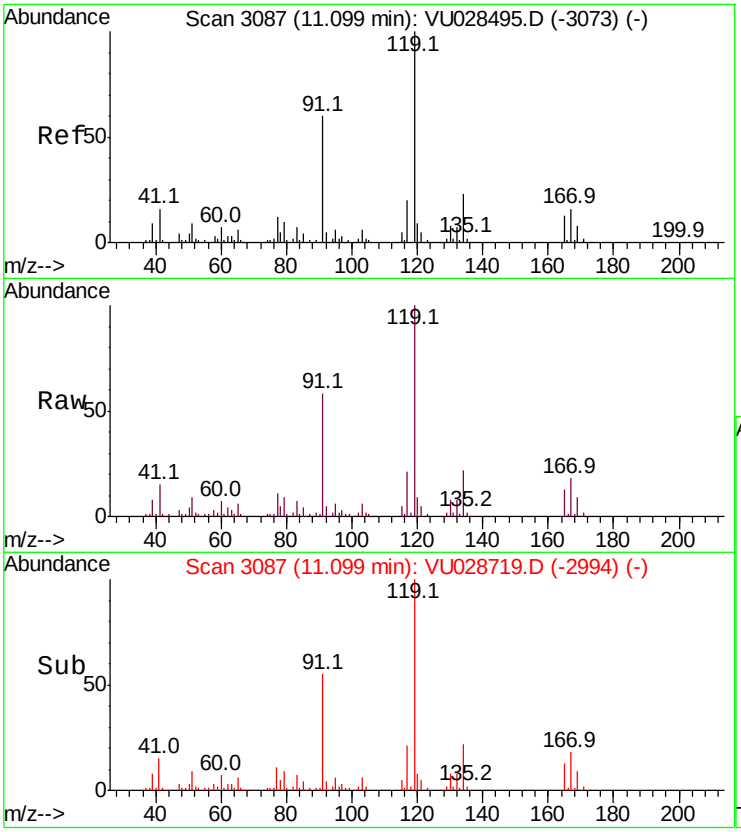




#82
4-Chlorotoluene
Concen: 20.380 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion: 91 Resp: 92910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 28.0 | 14.1 | 42.3 |



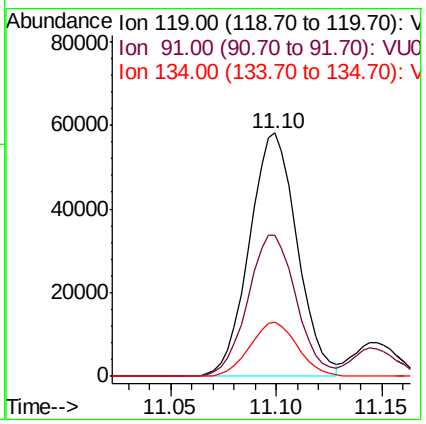


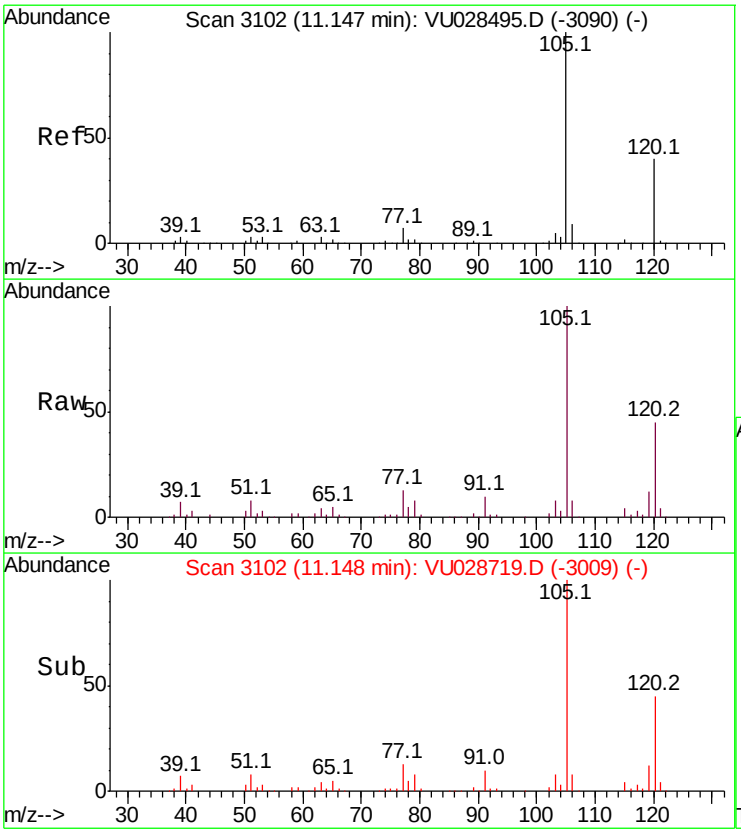

#83
tert-Butylbenzene
Concen: 21.388 ug/l
RT: 11.10 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion:119 Resp: 91719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 59.0 | 30.3 | 91.0 |
| 134 | 21.9 | 11.2 | 33.5 |

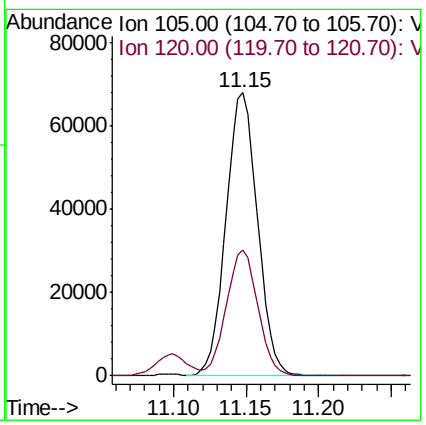


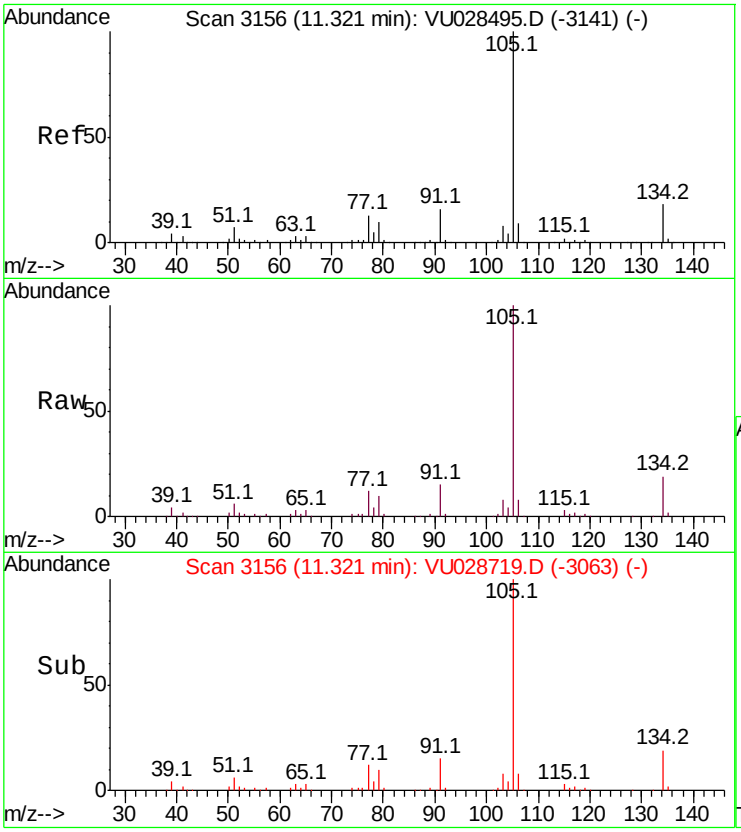




#84
1,2,4-Trimethylbenzene
Concen: 22.480 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion:105 Resp: 103073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.5 | 21.8 | 65.4 |



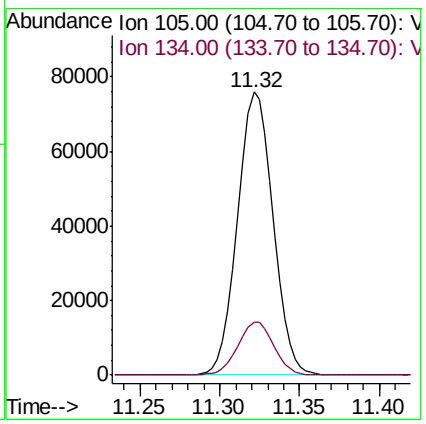


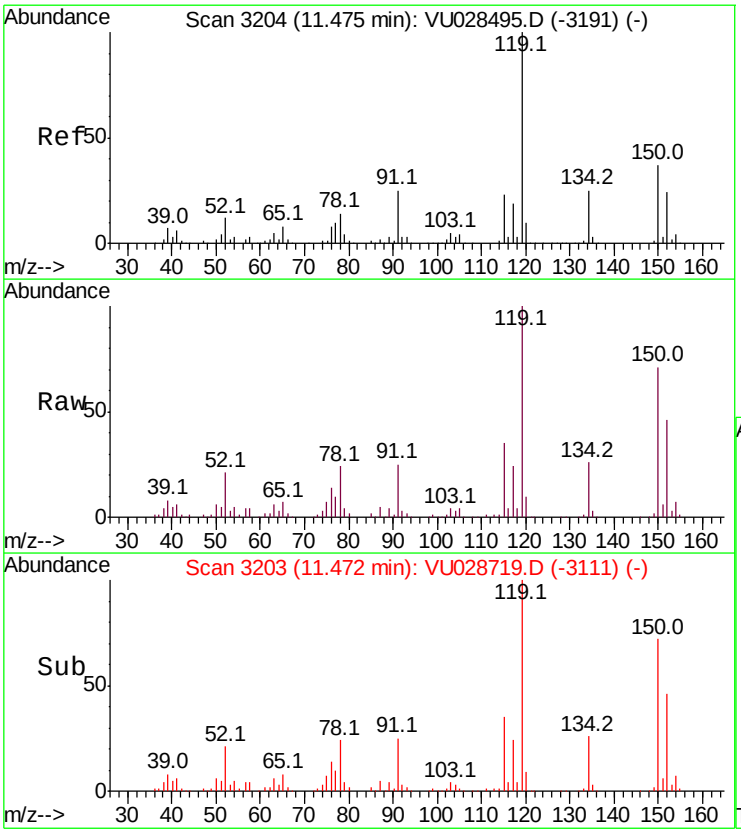

#85
sec-Butylbenzene
Concen: 20.817 ug/l
RT: 11.32 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion:105 Resp: 114682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 19.0 | 9.2 | 27.6 |

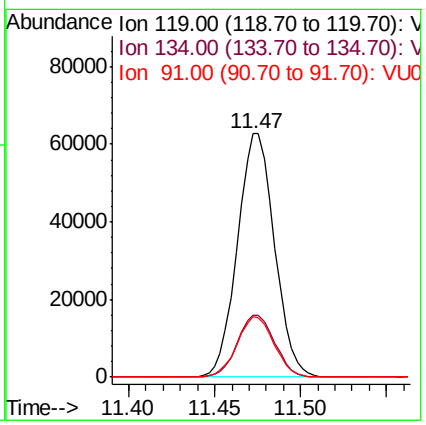


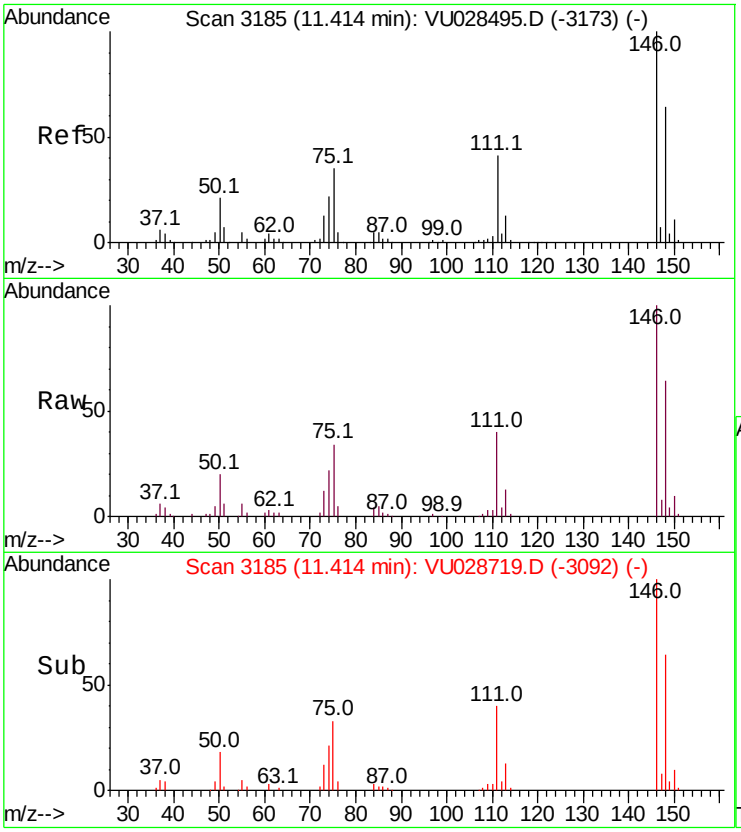




#86
p-Isopropyltoluene
Concen: 20.072 ug/l
RT: 11.47 min Scan# 3203
Delta R.T. -0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion:119 Resp: 93932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.6 | 12.7 | 38.1 |
| 91 | 24.8 | 12.6 | 37.6 |



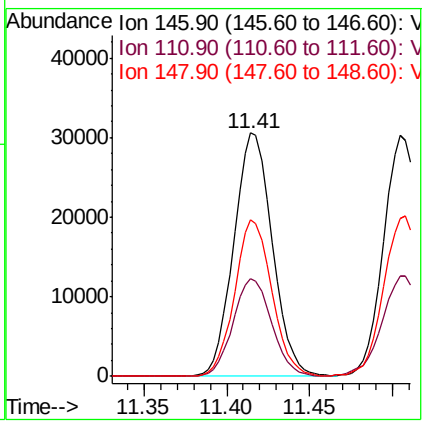


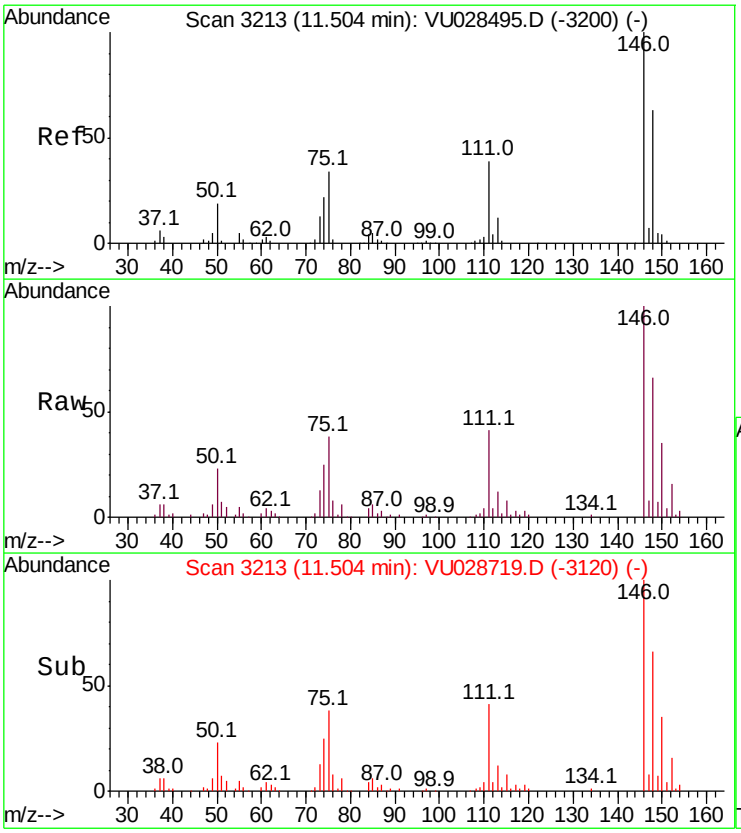

#87
1,3-Dichlorobenzene
Concen: 20.807 ug/l
RT: 11.41 min Scan# 3185
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion:146 Resp: 49386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.9 | 20.7 | 62.1 |
| 148 | 62.0 | 31.9 | 95.7 |

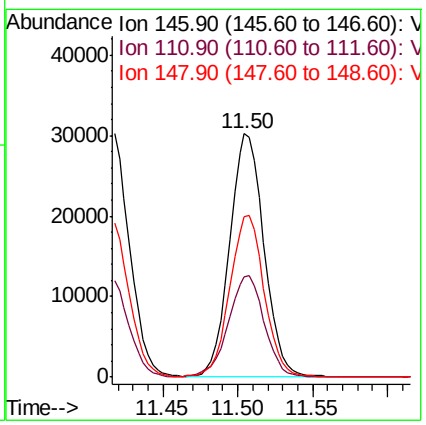


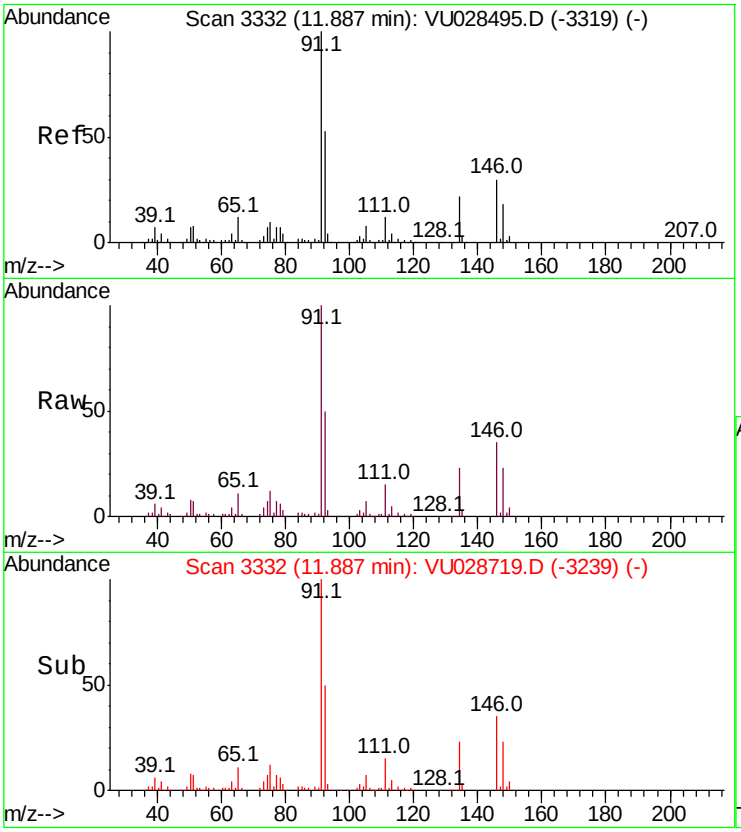




#88
1,4-Dichlorobenzene
Concen: 19.690 ug/l
RT: 11.50 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion:146 Resp: 48354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.6 | 20.2 | 60.5 |
| 148 | 66.7 | 31.6 | 95.0 |



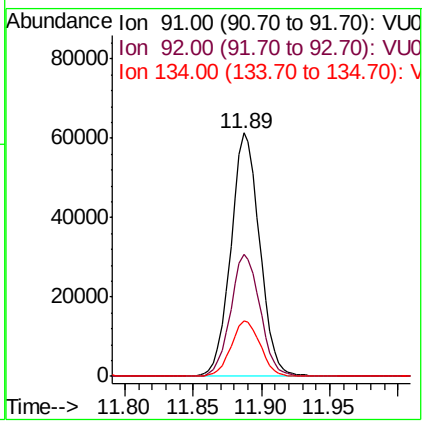


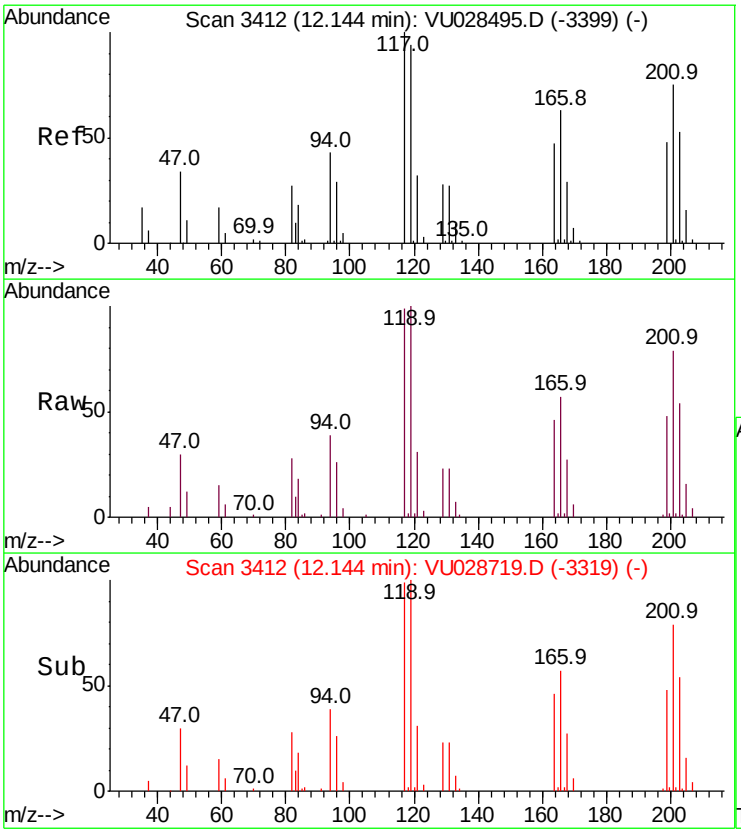

#89
n-Butylbenzene
Concen: 19.060 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion: 91 Resp: 90272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 51.2 | 26.3 | 78.9 |
| 134 | 23.1 | 11.3 | 33.8 |

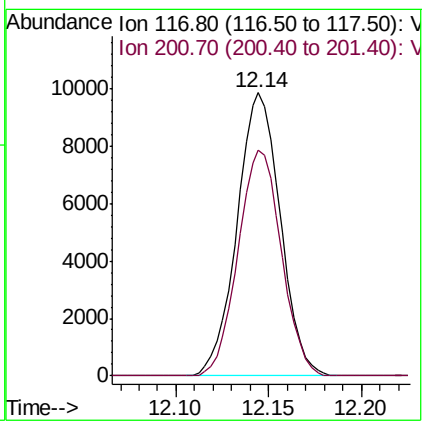


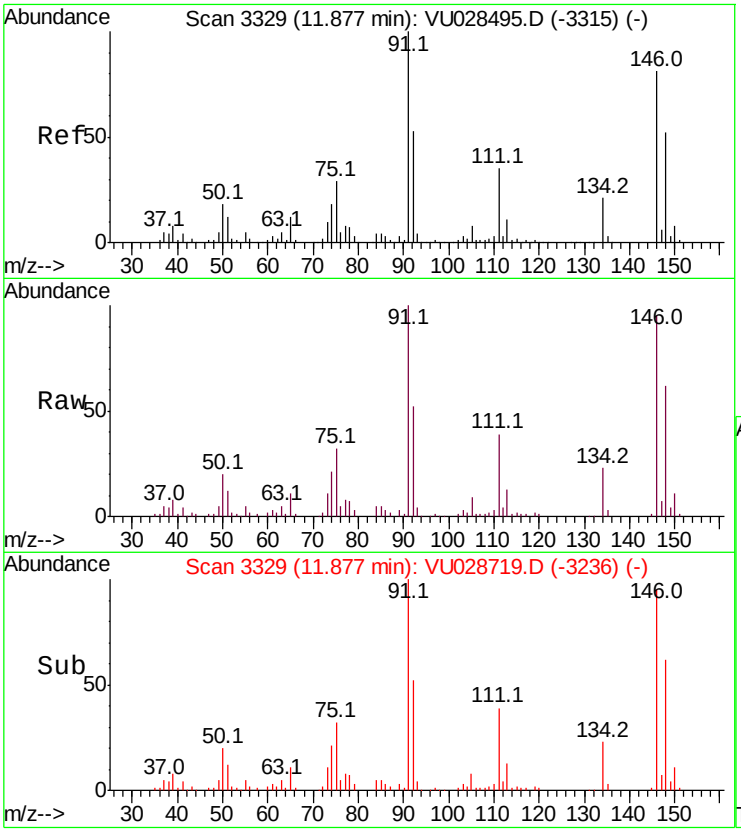




#90
Hexachloroethane
Concen: 22.613 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion:117 Resp: 15995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 79.6 | 38.1 | 114.5 |



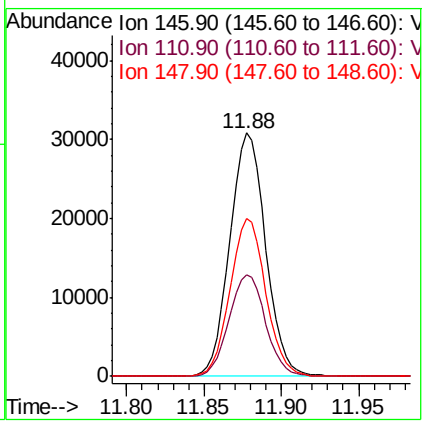


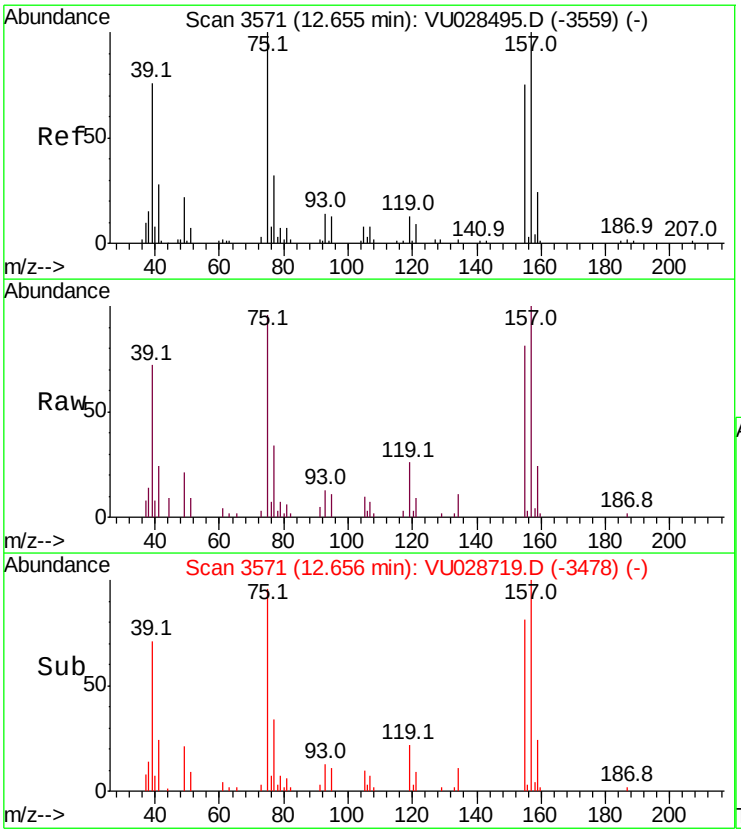

#91
1,2-Dichlorobenzene
Concen: 20.862 ug/l
RT: 11.88 min Scan# 3329
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion:146 Resp: 49532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.5 | 21.1 | 63.4 |
| 148 | 64.3 | 31.4 | 94.2 |

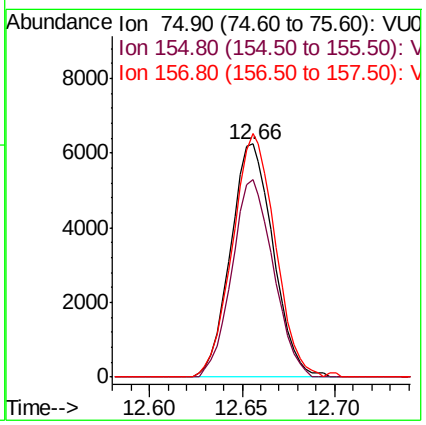


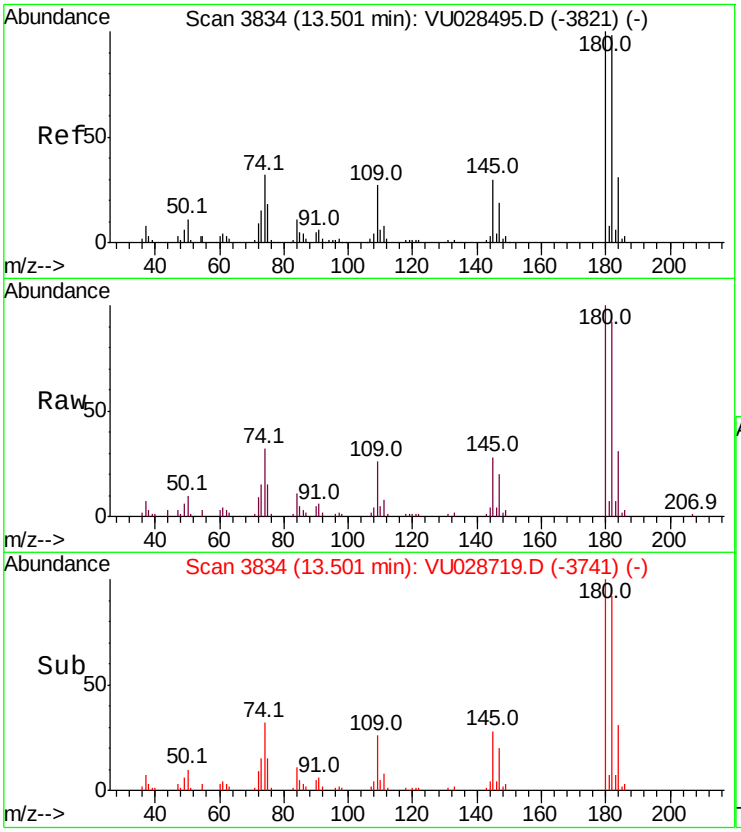




#92
1,2-Dibromo-3-Chloropropane
Concen: 22.392 ug/l
RT: 12.66 min Scan# 3571
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion: 75 Resp: 10009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 81.9 | 38.1 | 114.5 |
| 157 | 104.5 | 48.7 | 146.1 |



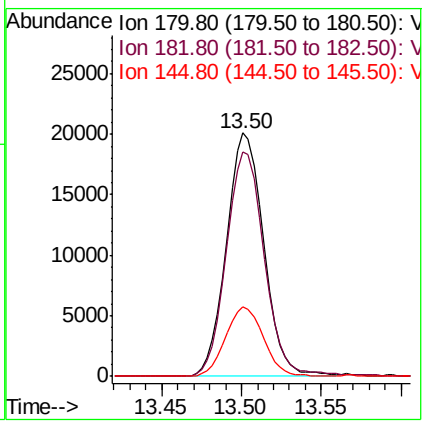


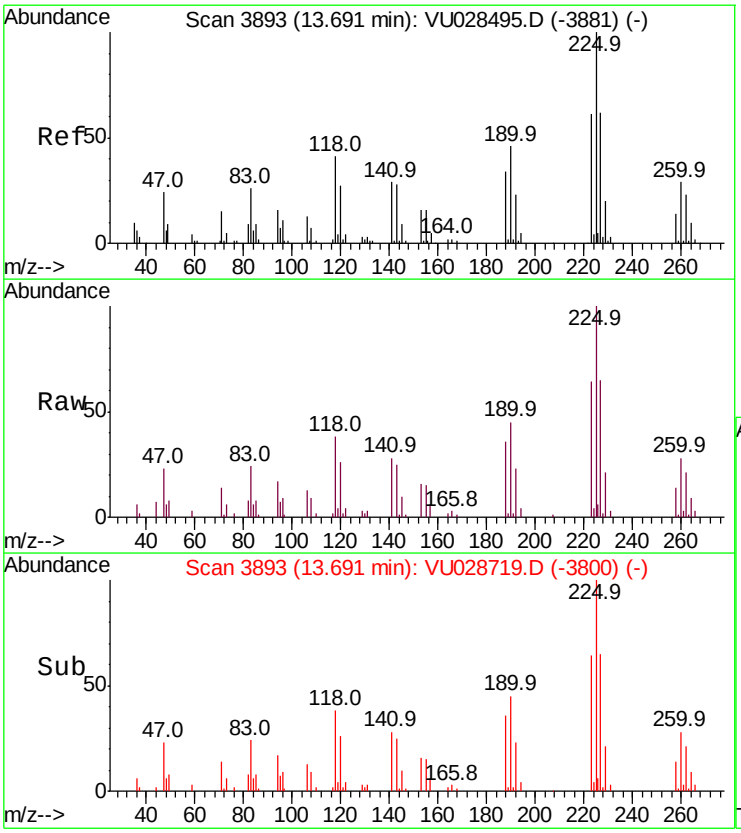

#93
1,2,4-Trichlorobenzene
Concen: 20.103 ug/l
RT: 13.50 min Scan# 3834
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion:180 Resp: 31961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.1 | 47.9 | 143.8 |
| 145 | 28.8 | 15.0 | 45.1 |

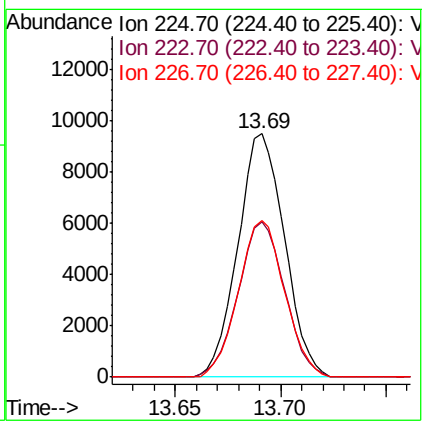


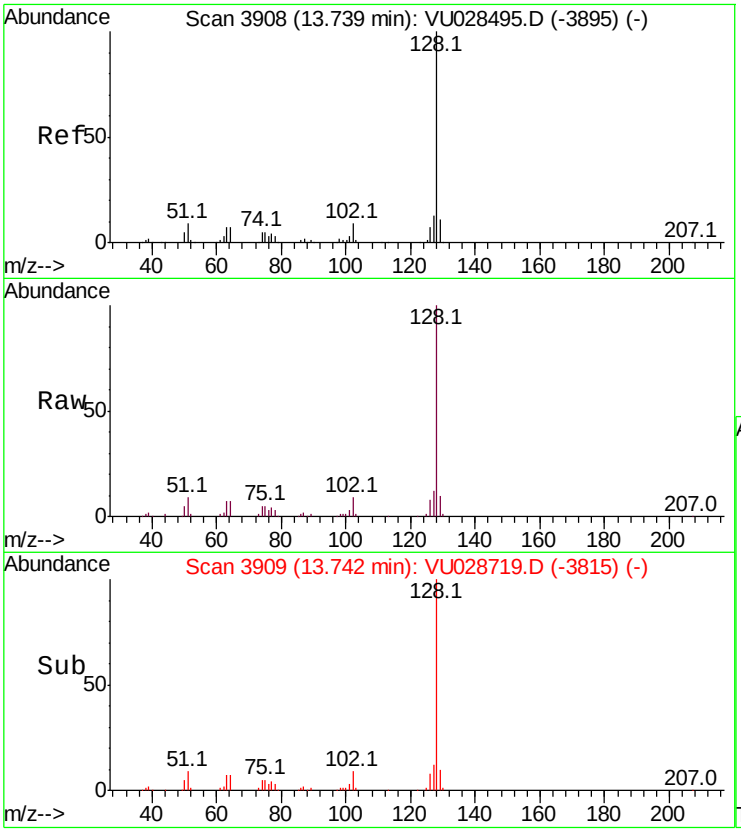




#94
Hexachlorobutadiene
Concen: 18.769 ug/l
RT: 13.69 min Scan# 3893
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion:225 Resp: 14597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.8 | 30.4 | 91.2 |
| 227 | 63.6 | 30.7 | 92.1 |



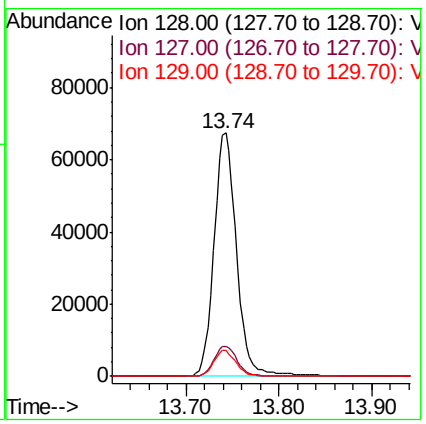


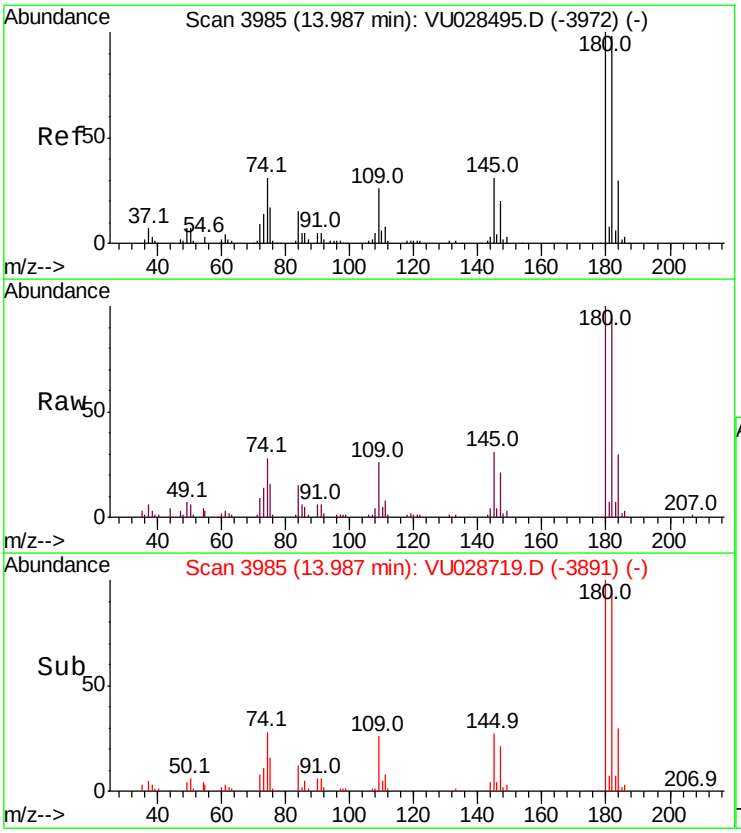

#95
Naphthalene
Concen: 19.952 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

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

Tgt Ion:128 Resp: 113673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.8 | 10.4 | 15.6 |
| 129 | 10.5 | 8.6 | 13.0 |




#96
1,2,3-Trichlorobenzene
Concen: 20.181 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU028719.D
Acq: 17 Dec 2018 14:42

Tgt Ion:180 Resp: 32626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.3 | 48.2 | 144.6 |
| 145 | 31.8 | 15.8 | 47.3 |