Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
Data File : VU027437.D
Acq On : 05 Oct 2018 02:36
Operator : MD/SY
Sample : J5165-11MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** EP-MW-H-092718MSD

Quant Time: Oct 05 03:21:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 4.99 | 168 | 126515 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 5.89 | 114 | 223131 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 9.09 | 117 | 205152 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 11.48 | 152 | 104848 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.31 | 65 | 99034 | 46.88 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 93.76% | | | |
| 35) Dibromofluoromethane | 4.88 | 113 | 73076 | 47.79 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 95.58% | | | |
| 50) Toluene-d8 | 7.57 | 98 | 280210 | 48.96 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.92% | | | |
| 62) 4-Bromofluorobenzene | 10.31 | 95 | 106565 | 50.10 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.20% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.21 | 85 | 86605 | 47.481 | ug/l | 98 |
| 3) Chloromethane | 1.33 | 50 | 106366 | 43.073 | ug/l | 99 |
| 4) Vinyl Chloride | 1.40 | 62 | 108441 | 46.715 | ug/l | 97 |
| 5) Bromomethane | 1.62 | 94 | 62738 | 62.461 | ug/l | 100 |
| 6) Chloroethane | 1.70 | 64 | 66719 | 47.831 | ug/l | 99 |
| 7) Trichlorofluoromethane | 1.89 | 101 | 114960 | 48.809 | ug/l | 99 |
| 8) Diethyl Ether | 2.11 | 74 | 50198 | 46.267 | ug/l | 91 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.29 | 101 | 63645 | 46.530 | ug/l | 98 |
| 10) Methyl Iodide | 2.41 | 142 | 56254 | 47.498 | ug/l | 99 |
| 11) Tert butyl alcohol | 2.83 | 59 | 99350 | 223.321 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 2.28 | 96 | 61507 | 46.025 | ug/l | 96 |
| 13) Acrolein | 2.20 | 56 | 21102 | 56.529 | ug/l | 98 |
| 14) Allyl chloride | 2.59 | 41 | 131604 | 41.471 | ug/l | 97 |
| 15) Acrylonitrile | 2.94 | 53 | 272066 | 234.967 | ug/l | 99 |
| 16) Acetone | 2.32 | 43 | 301101 | 241.261 | ug/l | 99 |
| 17) Carbon Disulfide | 2.48 | 76 | 202130 | 41.938 | ug/l | 99 |
| 18) Methyl Acetate | 2.62 | 43 | 156660 | 55.025 | ug/l | 99 |
| 19) Methyl tert-butyl Ether | 3.00 | 73 | 253465 | 47.336 | ug/l | 98 |
| 20) Methylene Chloride | 2.70 | 84 | 75443 | 43.397 | ug/l | 97 |
| 21) trans-1,2-Dichloroethene | 2.98 | 96 | 67938 | 45.281 | ug/l | 99 |
| 22) Diisopropyl ether | 3.58 | 45 | 304695 | 47.239 | ug/l | 99 |
| 23) Vinyl Acetate | 3.53 | 43 | 963290 | 171.012 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 3.45 | 63 | 154542 | 46.607 | ug/l | 99 |
| 25) 2-Butanone | 4.26 | 43 | 422820 | 248.442 | ug/l | 97 |
| 26) 2,2-Dichloropropane | 4.23 | 77 | 97047 | 35.619 | ug/l | 97 |
| 27) cis-1,2-Dichloroethene | 4.23 | 96 | 85067 | 49.579 | ug/l | 94 |
| 28) Bromochloromethane | 4.55 | 49 | 83149 | 51.976 | ug/l | 97 |
| 29) Tetrahydrofuran | 4.64 | 42 | 268706 | 250.530 | ug/l | 98 |
| 30) Chloroform | 4.67 | 83 | 146491 | 49.725 | ug/l | 100 |
| 31) Cyclohexane | 5.00 | 56 | 149614 | 44.129 | ug/l | 99 |
| 32) 1,1,1-Trichloroethane | 4.92 | 97 | 121344 | 48.906 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 5.14 | 75 | 114495 | 47.259 | ug/l | 99 |
| 37) Ethyl Acetate | 4.38 | 43 | 149570 | 47.769 | ug/l | 100 |
| 38) Carbon Tetrachloride | 5.14 | 117 | 100683 | 46.006 | ug/l | 98 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
Data File : VU027437.D
Acq On : 05 Oct 2018 02:36
Operator : MD/SY
Sample : J5165-11MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** EP-MW-H-092718MSD

Quant Time: Oct 05 03:21:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 6.42 | 83 | 127601 | 45.056 | ug/l | | 98 |
| 40) Benzene | 5.39 | 78 | 335747 | 47.576 | ug/l | | 100 |
| 41) Methacrylonitrile | 4.54 | 41 | 85146 | 48.112 | ug/l | | 98 |
| 42) 1,2-Dichloroethane | 5.41 | 62 | 122337 | 46.702 | ug/l | | 99 |
| 43) Isopropyl Acetate | 5.55 | 43 | 236540 | 48.641 | ug/l | | 99 |
| 44) Trichloroethene | 6.19 | 130 | 76574 | 48.662 | ug/l | | 99 |
| 45) 1,2-Dichloropropane | 6.43 | 63 | 95636 | 46.984 | ug/l | | 99 |
| 46) Dibromomethane | 6.56 | 93 | 56436 | 49.091 | ug/l | | 97 |
| 47) Bromodichloromethane | 6.76 | 83 | 112370 | 47.107 | ug/l | | 98 |
| 48) Methyl methacrylate | 6.62 | 41 | 119182 | 49.284 | ug/l | | 98 |
| 49) 1,4-Dioxane | 6.61 | 88 | 37923 | 911.430 | ug/l | | 97 |
| 51) 4-Methyl-2-Pentanone | 7.46 | 43 | 773610 | 244.814 | ug/l | | 98 |
| 52) Toluene | 7.64 | 92 | 200382 | 47.973 | ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 7.88 | 75 | 129745 | 46.389 | ug/l | | 100 |
| 54) cis-1,3-Dichloropropene | 7.27 | 75 | 131444 | 43.717 | ug/l | | 97 |
| 55) 1,1,2-Trichloroethane | 8.07 | 97 | 83372 | 50.342 | ug/l | | 99 |
| 56) Ethyl methacrylate | 8.02 | 69 | 142878 | 45.276 | ug/l | | 97 |
| 57) 1,3-Dichloropropane | 8.24 | 76 | 153093 | 47.619 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 7.12 | 63 | 39 | 8.252 | ug/l | # | 52 |
| 59) 2-Hexanone | 8.36 | 43 | 601349 | 245.321 | ug/l | | 99 |
| 60) Dibromochloromethane | 8.48 | 129 | 81988 | 49.361 | ug/l | | 99 |
| 61) 1,2-Dibromoethane | 8.59 | 107 | 85783 | 48.717 | ug/l | | 99 |
| 64) Tetrachloroethene | 8.23 | 164 | 62130 | 48.649 | ug/l | | 97 |
| 65) Chlorobenzene | 9.12 | 112 | 212883 | 49.298 | ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 9.21 | 131 | 75255 | 50.481 | ug/l | | 98 |
| 67) Ethyl Benzene | 9.25 | 91 | 374616 | 48.964 | ug/l | | 99 |
| 68) m/p-Xylenes | 9.38 | 106 | 277263 | 99.074 | ug/l | | 98 |
| 69) o-Xylene | 9.78 | 106 | 146000 | 54.899 | ug/l | | 99 |
| 70) Styrene | 9.79 | 104 | 225466 | 45.568 | ug/l | | 99 |
| 71) Bromoform | 9.96 | 173 | 60758 | 50.657 | ug/l | # | 99 |
| 73) Isopropylbenzene | 10.17 | 105 | 440581 | 57.857 | ug/l | | 100 |
| 74) N-amyl acetate | 10.02 | 43 | 202228 | 46.389 | ug/l | # | 93 |
| 75) 1,1,2,2-Tetrachloroethane | 10.46 | 83 | 148354 | 49.616 | ug/l | | 97 |
| 76) 1,2,3-Trichloropropane | 10.49 | 75 | 165106 | 60.748 | ug/l | | 83 |
| 77) Bromobenzene | 10.45 | 156 | 86487 | 48.870 | ug/l | | 96 |
| 78) n-propylbenzene | 10.59 | 91 | 473889 | 51.789 | ug/l | | 99 |
| 79) 2-Chlorotoluene | 10.66 | 91 | 250296 | 45.304 | ug/l | | 98 |
| 80) 1,3,5-Trimethylbenzene | 10.77 | 105 | 545289 | 87.954 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-buten | 10.49 | 75 | 165106 | 158.983 | ug/l | # | 100 |
| 82) 4-Chlorotoluene | 10.77 | 91 | 330718 | 52.749 | ug/l | | 97 |
| 83) tert-Butylbenzene | 11.10 | 119 | 358105 | 59.749 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.15 | 105 | 3665037 | 578.722 | ug/l | | 99 |
| 85) sec-Butylbenzene | 11.32 | 105 | 377978 | 50.052 | ug/l | | 97 |
| 86) p-Isopropyltoluene | 11.48 | 119 | 588297 | 90.986 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 11.42 | 146 | 161167 | 48.094 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 11.51 | 146 | 164761 | 48.114 | ug/l | | 99 |
| 89) n-Butylbenzene | 11.89 | 91 | 329629 | 48.118 | ug/l | # | 70 |
| 90) Hexachloroethane | 12.15 | 117 | 86492 | 70.968 | ug/l | | 69 |
| 92) 1,2-Dibromo-3-Chloropropan | 12.66 | 75 | 34333 | 51.810 | ug/l | | 96 |
| 93) 1,2,4-Trichlorobenzene | 13.50 | 180 | 121506 | 57.568 | ug/l | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
Data File : VU027437.D
Acq On : 05 Oct 2018 02:36
Operator : MD/SY
Sample : J5165-11MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Quant Time: Oct 05 03:21:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 94) Hexachlorobutadiene | 13.69 | 225 | 51495 | 48.289 | ug/l | 100 |
| 95) Naphthalene | 13.74 | 128 | 162003 | 21.419 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 13.99 | 180 | 121203 | 55.119 | ug/l | 98 |

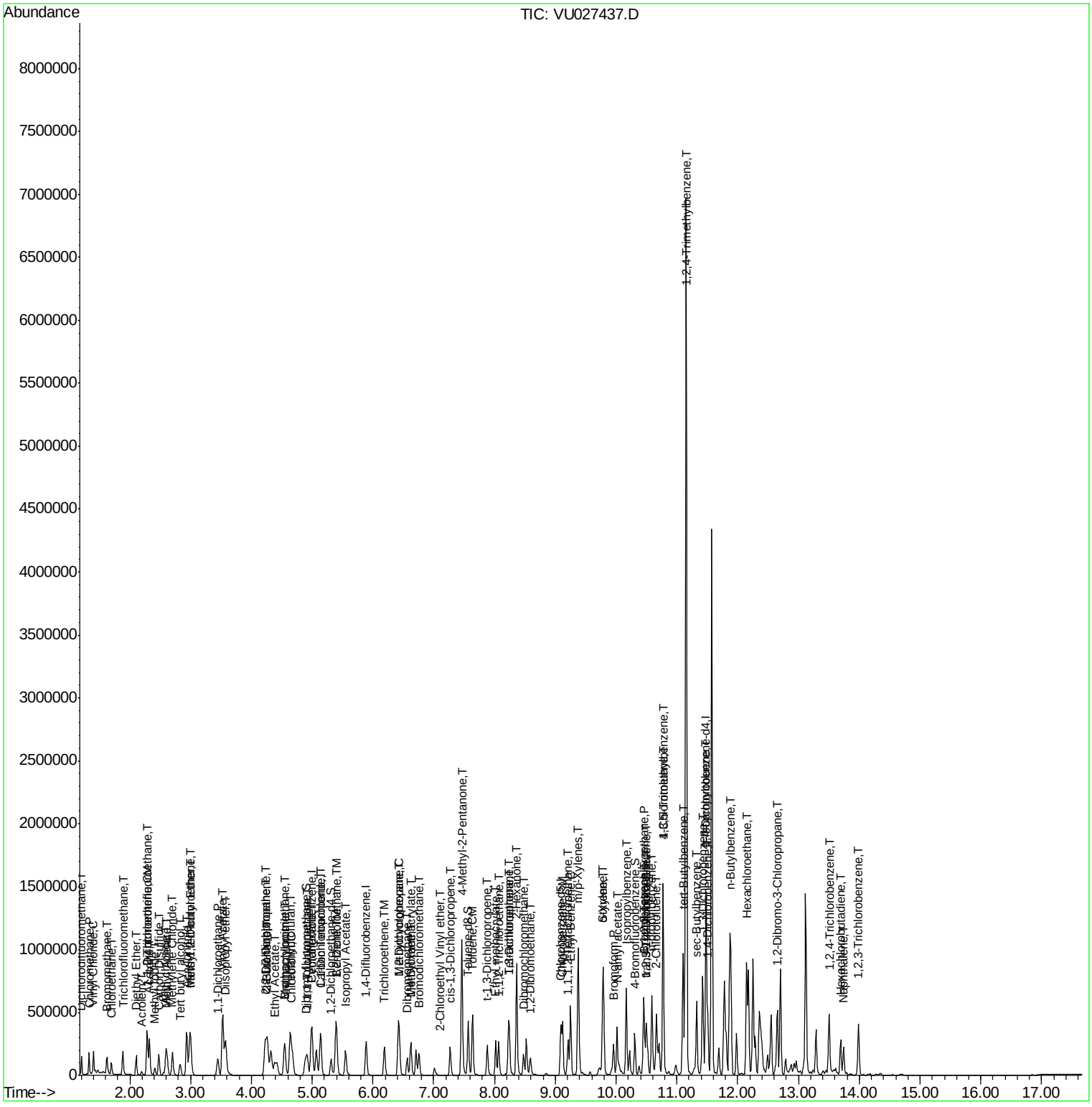
(#) = qualifier out of range (m) = manual integration (+) = signals summed

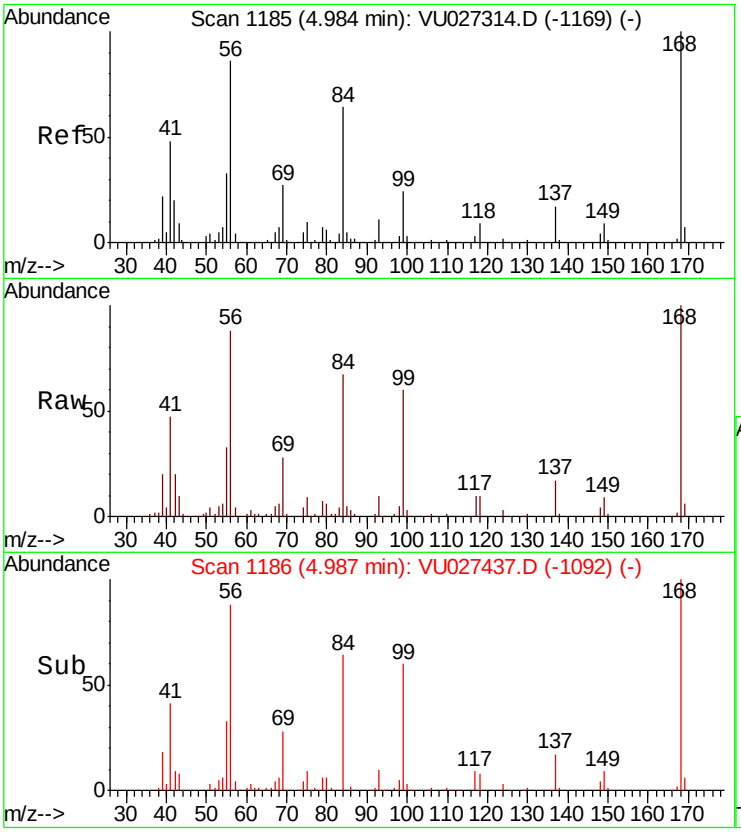
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
Data File : VU027437.D
Acq On : 05 Oct 2018 02:36
Operator : MD/SY
Sample : J5165-11MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Quant Time: Oct 05 03:21:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration



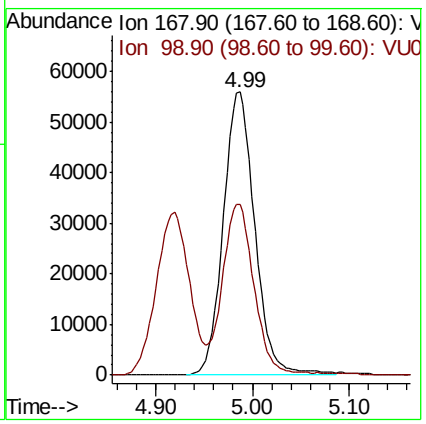


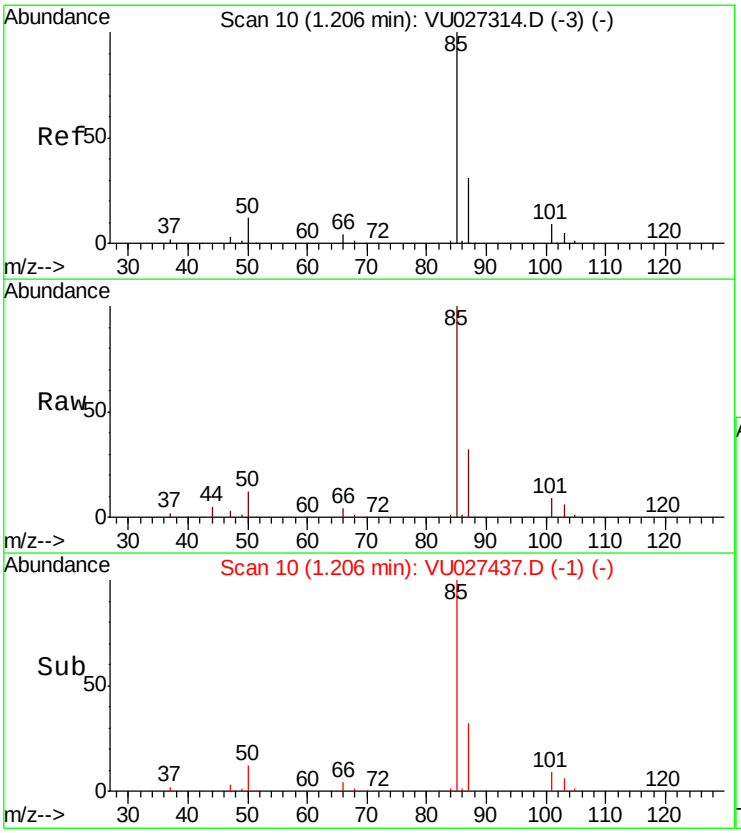

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion:168 Resp: 126515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 59.7 | 50.8 | 76.2 |

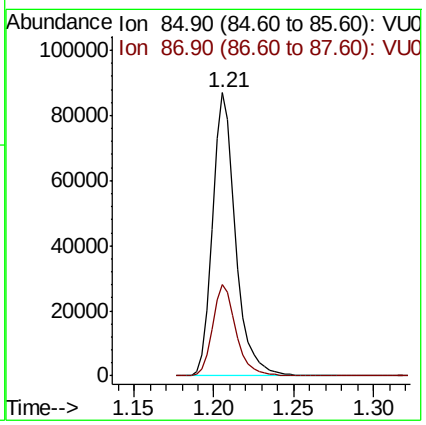


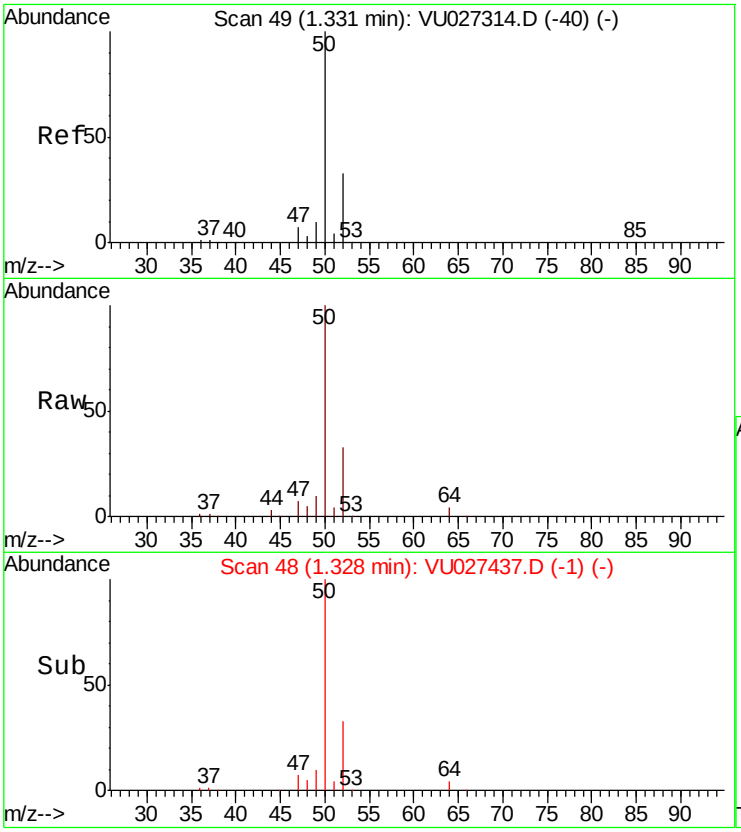




#2
Dichlorodifluoromethane
Concen: 47.481 ug/l
RT: 1.21 min Scan# 10
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion: 85 Resp: 86605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.4 | 15.7 | 47.1 |



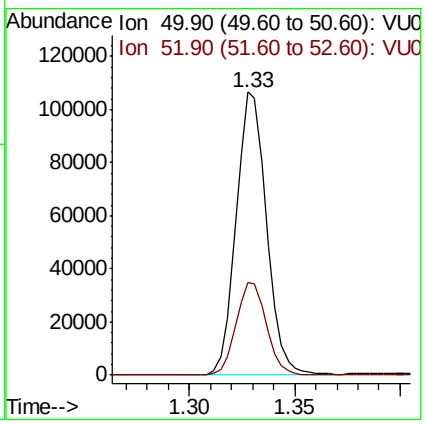


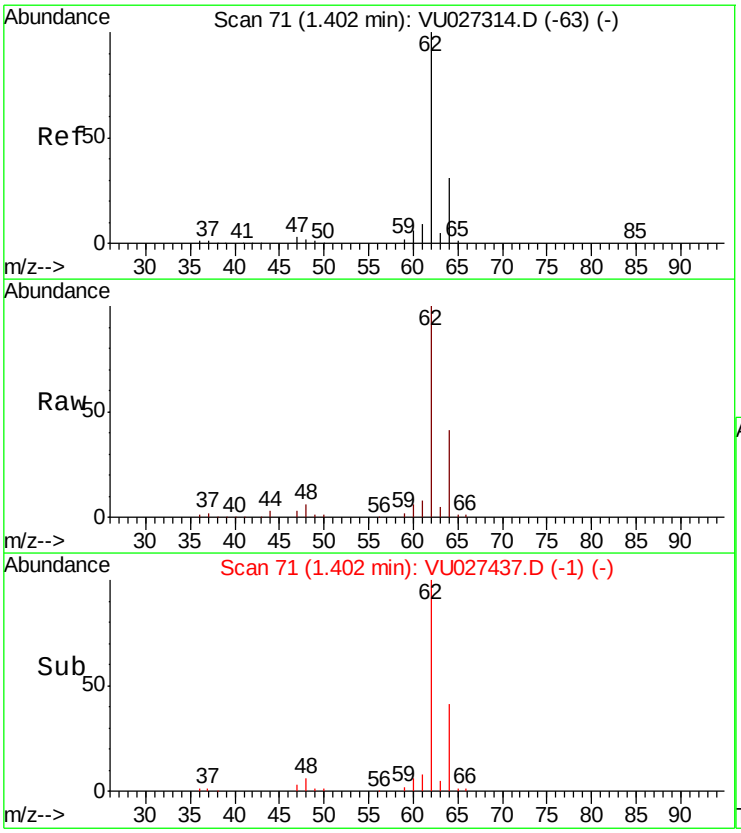

#3
Chloromethane
Concen: 43.073 ug/l
RT: 1.33 min Scan# 48
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion: 50 Resp: 106366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.8 | 26.5 | 39.7 |

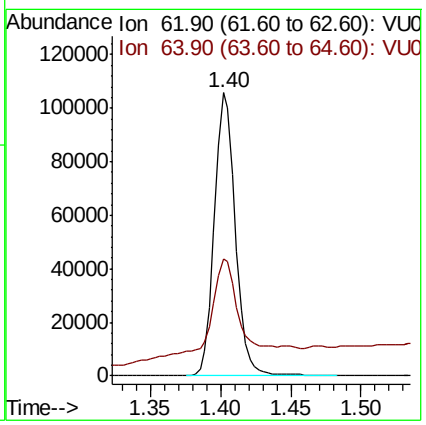


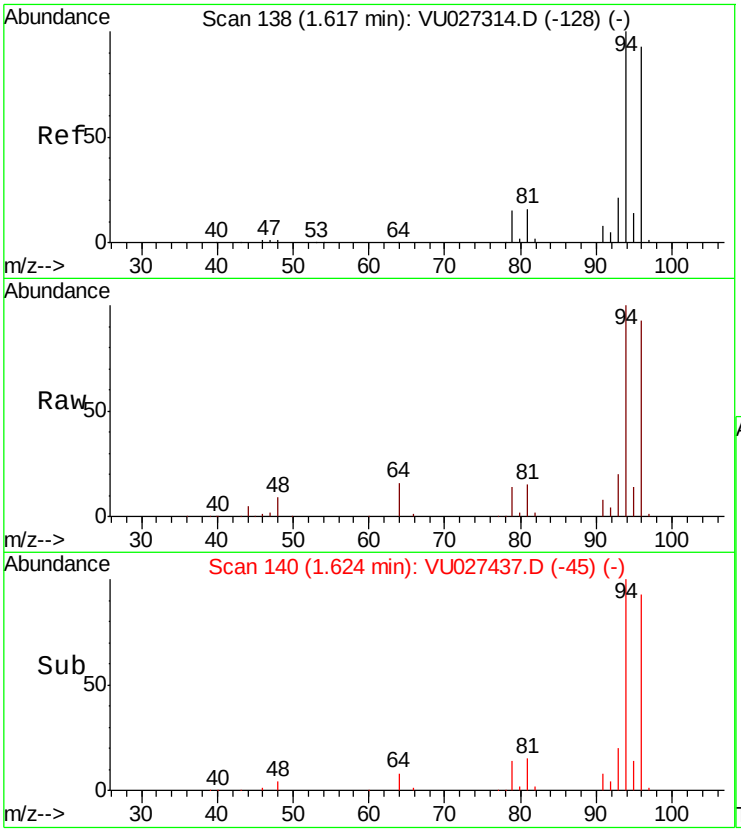




#4
Vinyl Chloride
Concen: 46.715 ug/l
RT: 1.40 min Scan# 71
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion: 62 Resp: 108441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 32.9 | 24.9 | 37.3 |



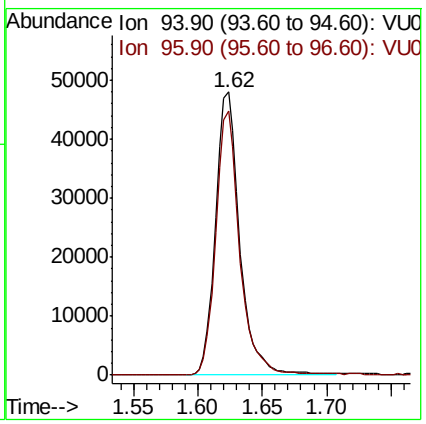


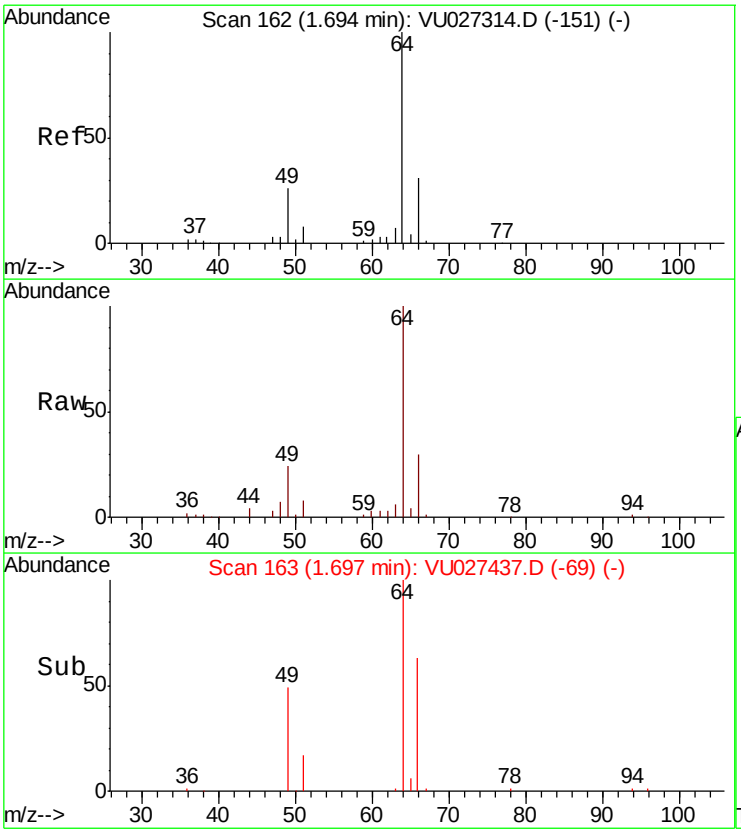

#5
Bromomethane
Concen: 62.461 ug/l
RT: 1.62 min Scan# 140
Delta R.T. 0.01 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion: 94 Resp: 62738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 93.2 | 74.6 | 111.8 |

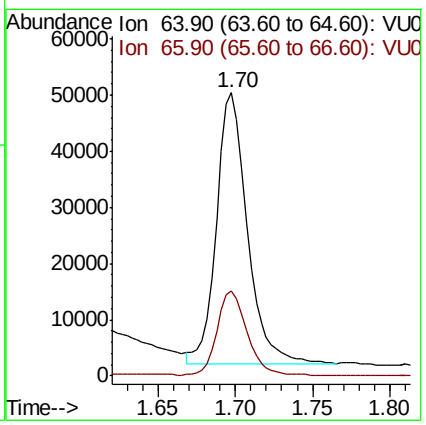


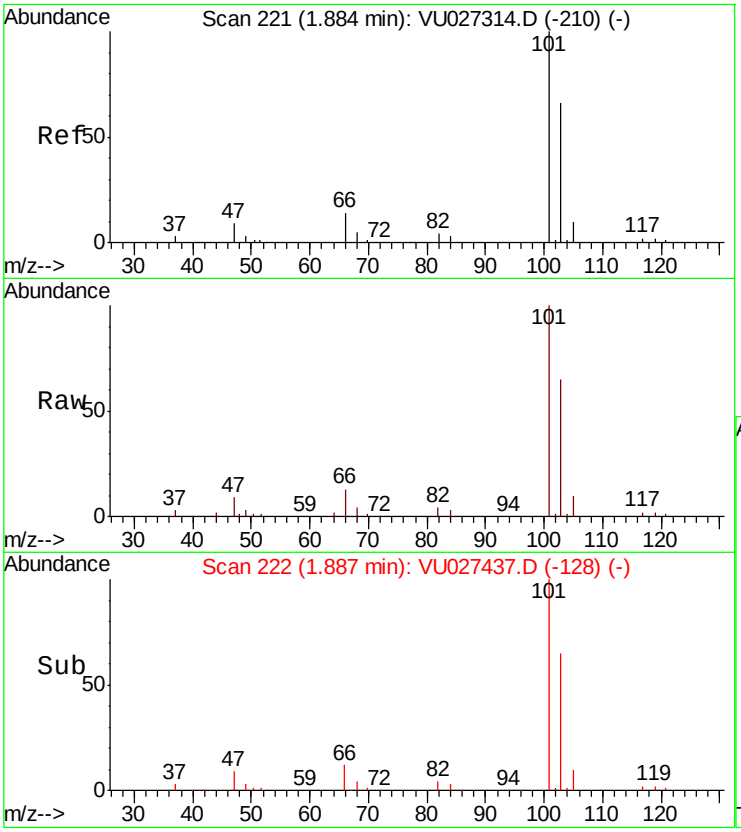




#6
Chloroethane
Concen: 47.831 ug/l
RT: 1.70 min Scan# 163
Delta R.T. 0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion: 64 Resp: 66719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 31.0 | 24.6 | 36.8 |



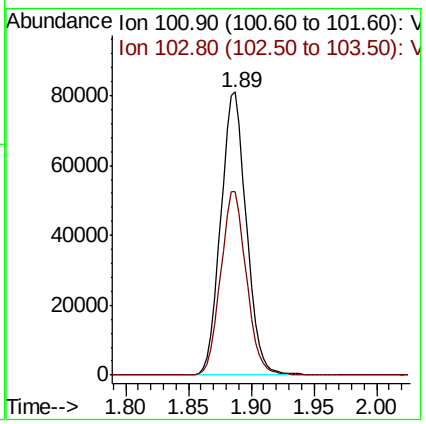


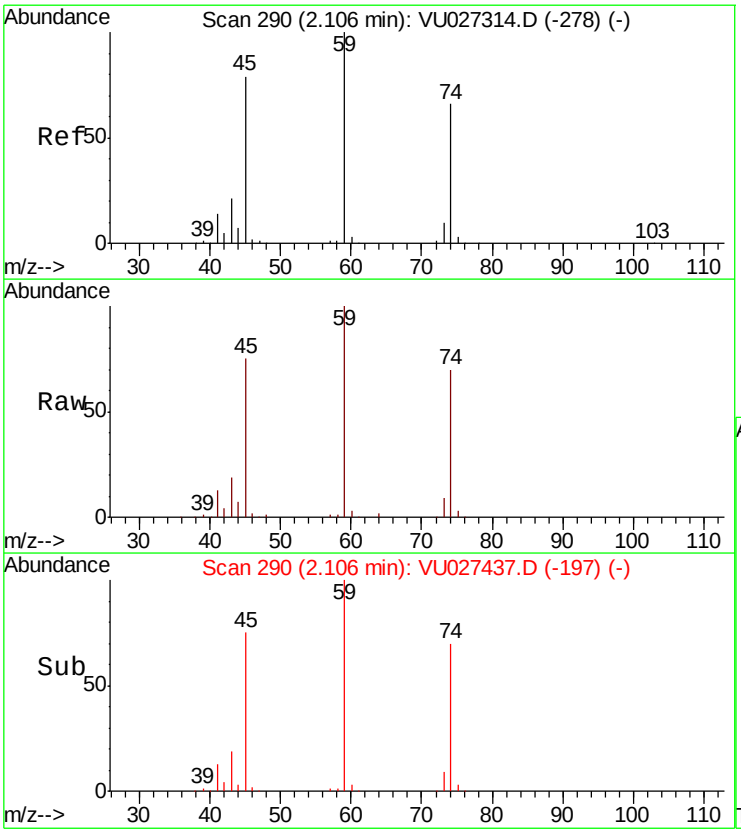

#7
Trichlorofluoromethane
Concen: 48.809 ug/l
RT: 1.89 min Scan# 222
Delta R.T. 0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion:101 Resp: 114960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 64.9 | 52.6 | 78.8 |

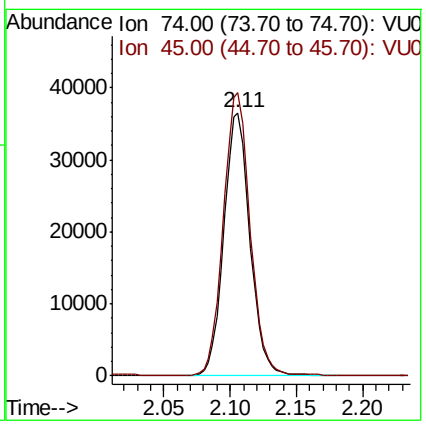


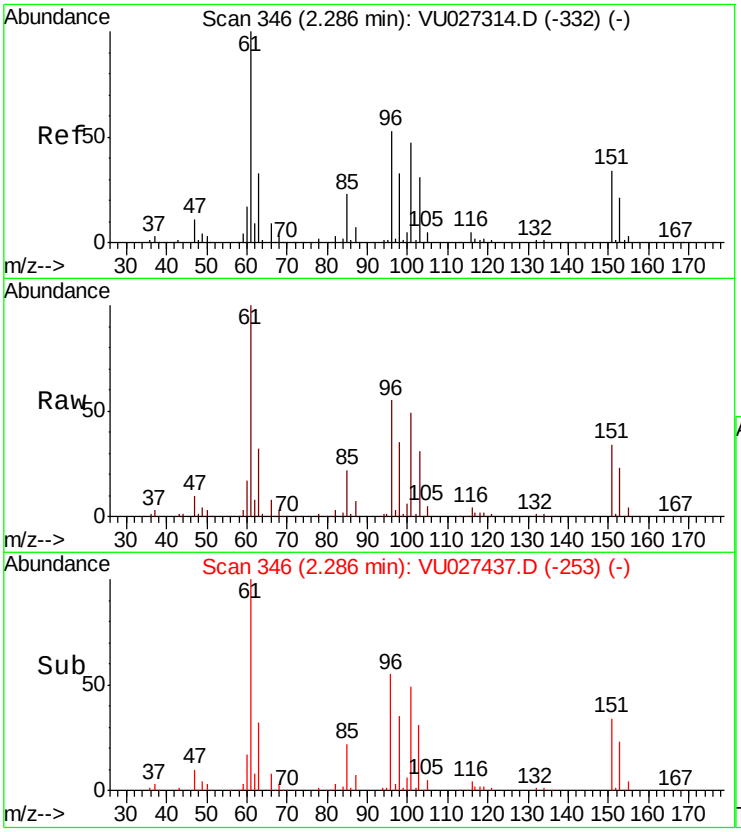




#8
Diethyl Ether
Concen: 46.267 ug/l
RT: 2.11 min Scan# 290
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion: 74 Resp: 50198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 110.5 | 60.4 | 181.1 |



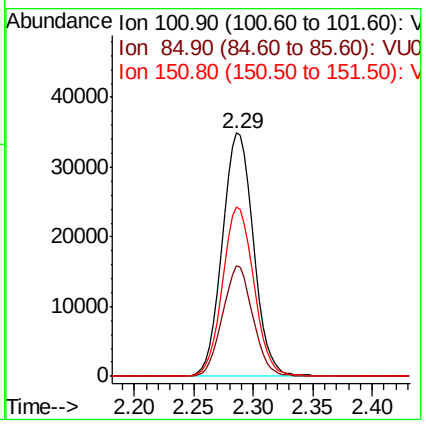


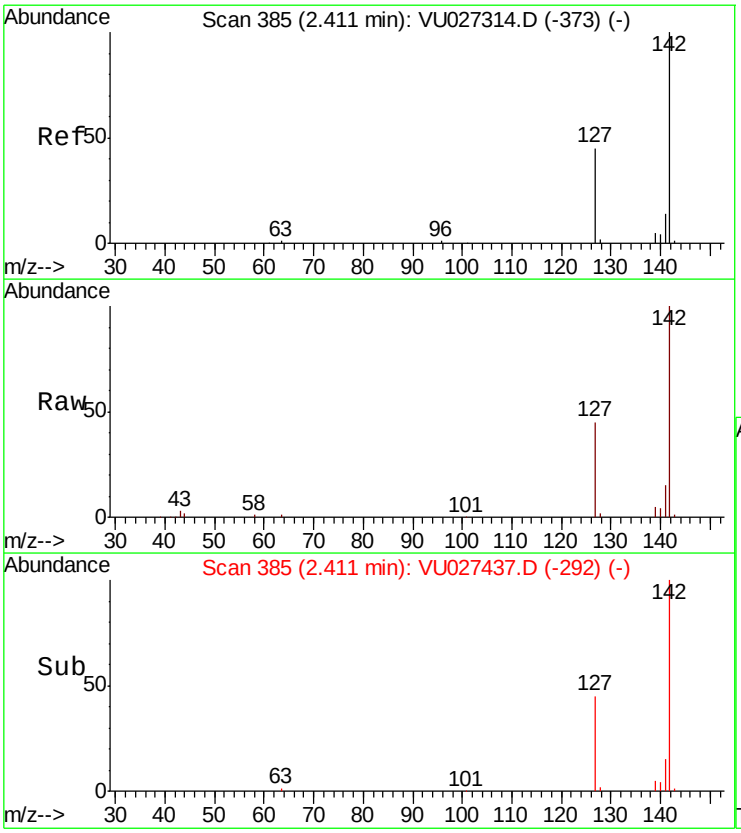

#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.530 ug/l
RT: 2.29 min Scan# 346
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion:101 Resp: 63645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 44.0 | 37.5 | 56.3 |
| 151 | 69.7 | 55.6 | 83.4 |

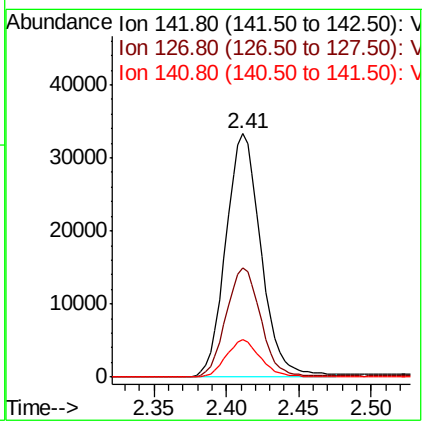


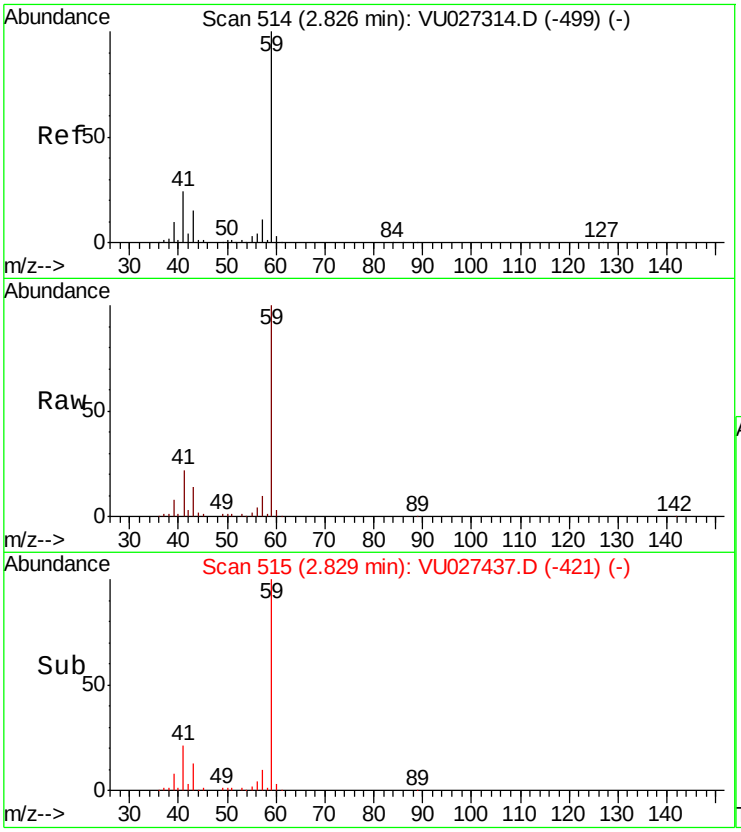




#10
Methyl Iodide
Concen: 47.498 ug/l
RT: 2.41 min Scan# 385
Delta R.T. 0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion:142 Resp: 56254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 44.6 | 36.3 | 54.5 |
| 141 | 14.9 | 11.6 | 17.4 |



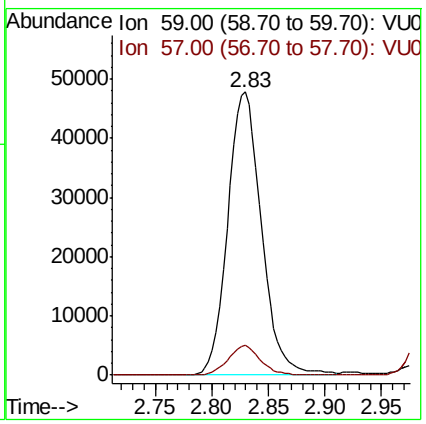


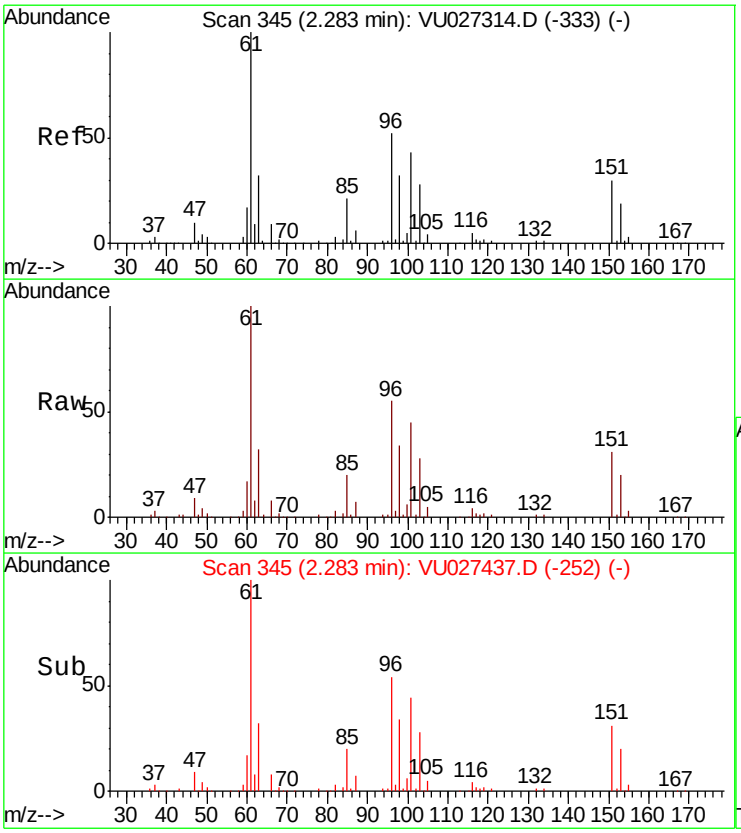

#11
Tert butyl alcohol
Concen: 223.321 ug/l
RT: 2.83 min Scan# 515
Delta R.T. 0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion: 59 Resp: 99350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.1 | 8.4 | 12.6 |

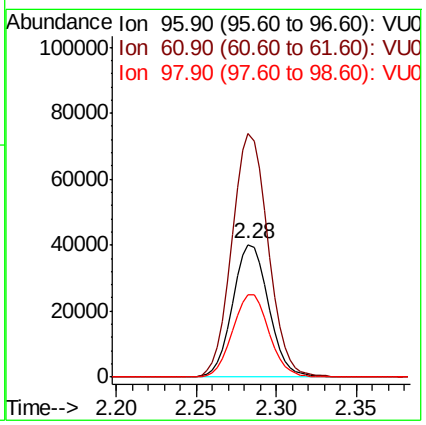


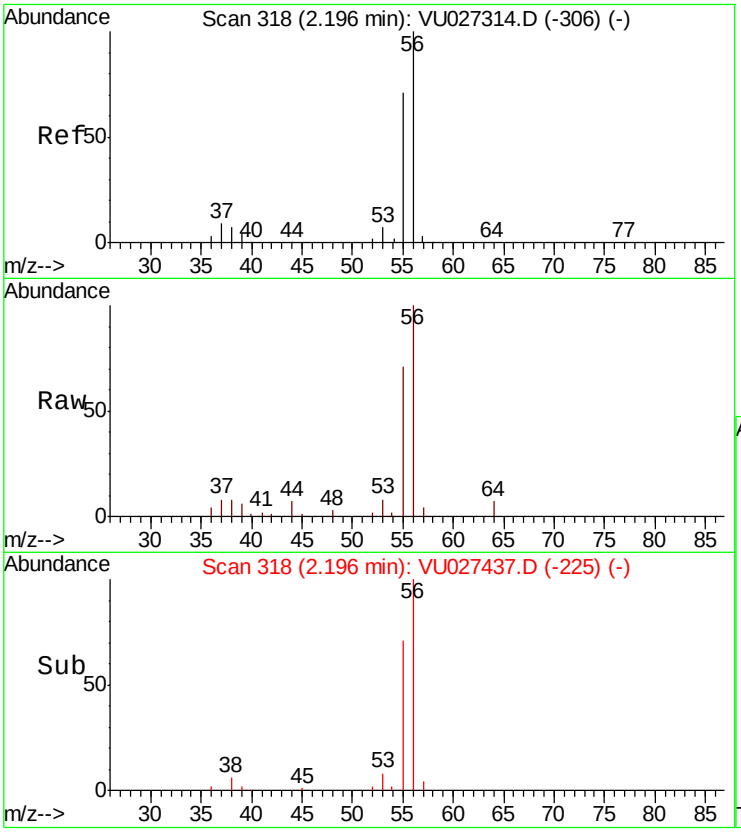




#12
1,1-Dichloroethene
Concen: 46.025 ug/l
RT: 2.28 min Scan# 345
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion: 96 Resp: 61507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 183.3 | 153.0 | 229.6 |
| 98 | 62.0 | 49.3 | 73.9 |



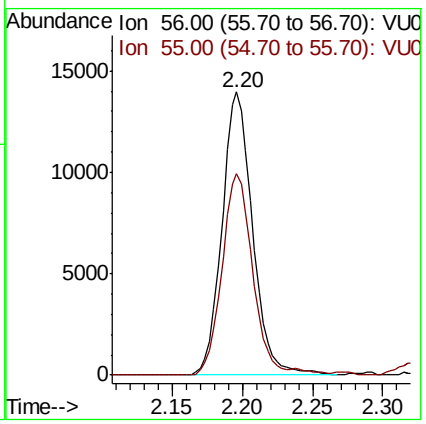


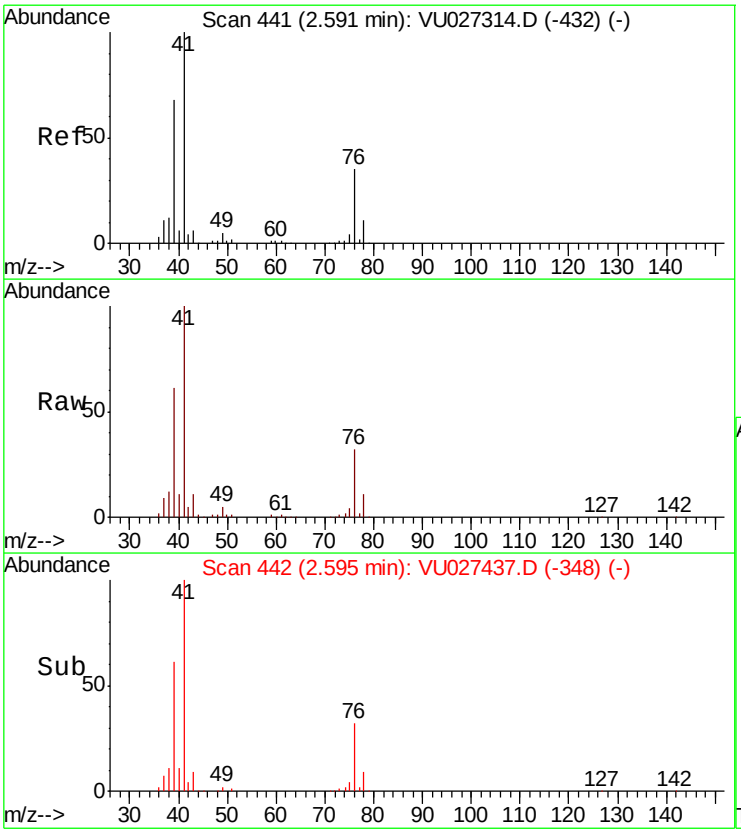

#13
Acrolein
Concen: 56.529 ug/l
RT: 2.20 min Scan# 318
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion: 56 Resp: 21102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 70.4 | 57.7 | 86.5 |

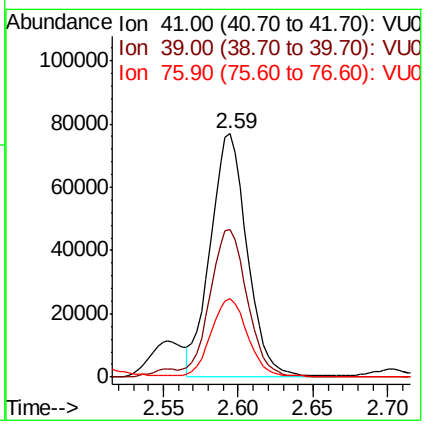


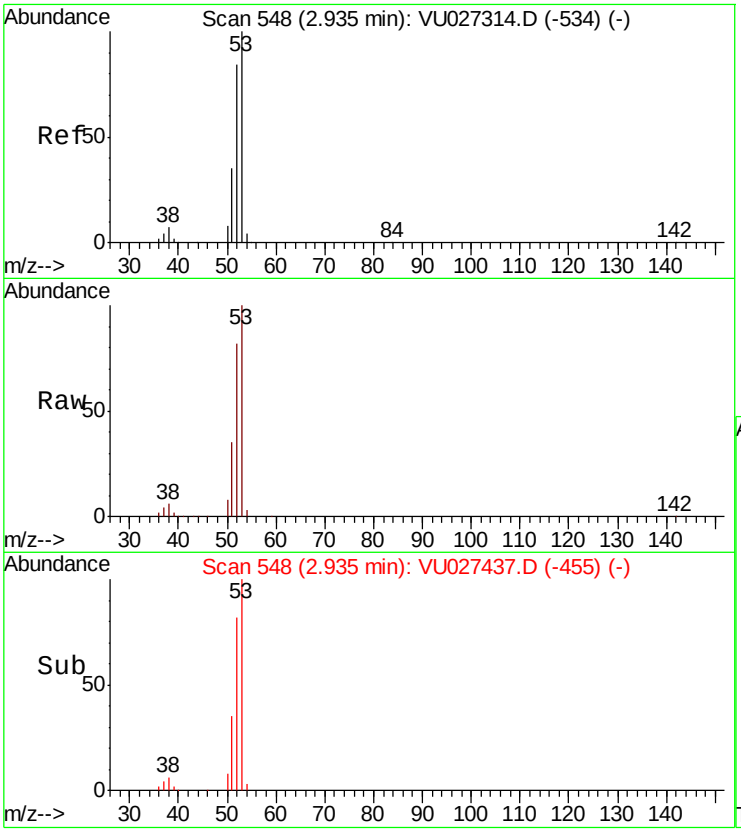




#14
Allyl chloride
Concen: 41.471 ug/l
RT: 2.59 min Scan# 442
Delta R.T. 0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion: 41 Resp: 131604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 61.5 | 51.8 | 77.8 |
| 76 | 32.1 | 25.9 | 38.9 |



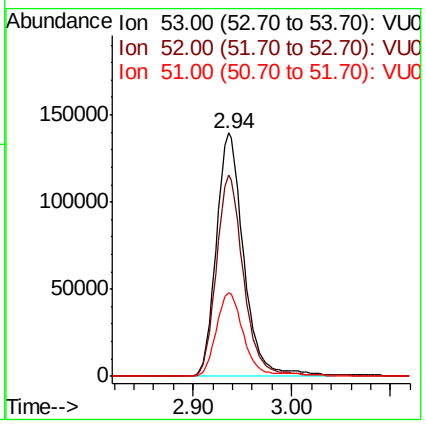


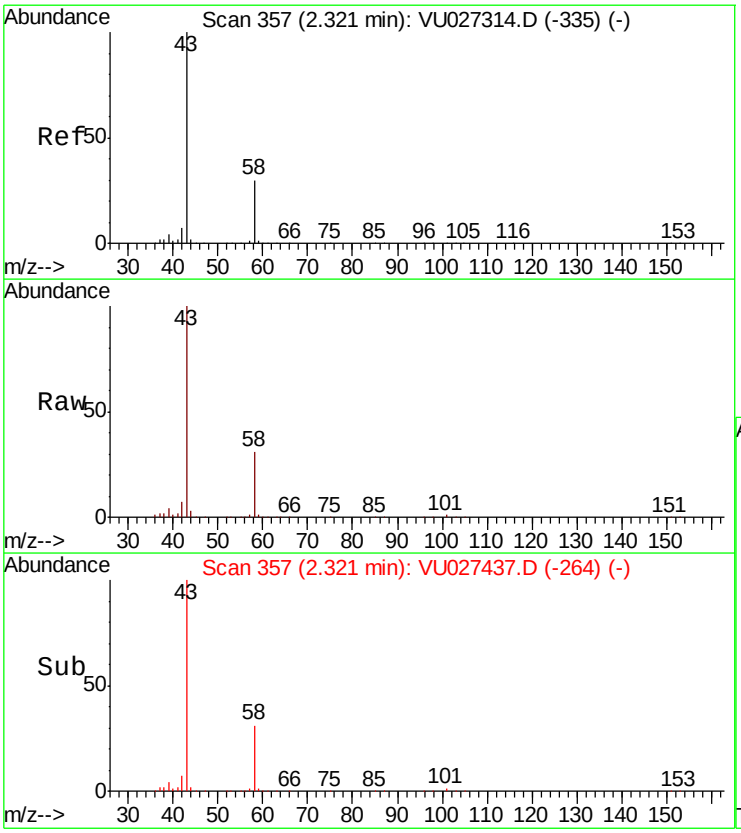

#15
Acrylonitrile
Concen: 234.967 ug/l
RT: 2.94 min Scan# 548
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion: 53 Resp: 272066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 81.9 | 66.5 | 99.7 |
| 51 | 35.1 | 27.6 | 41.4 |

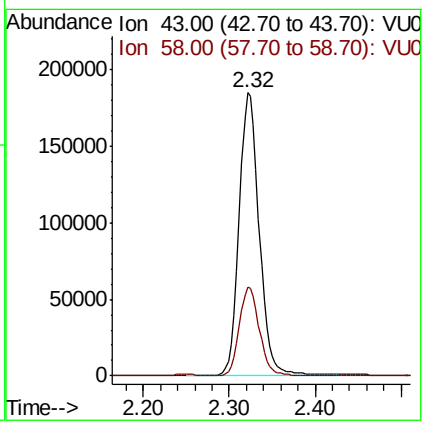


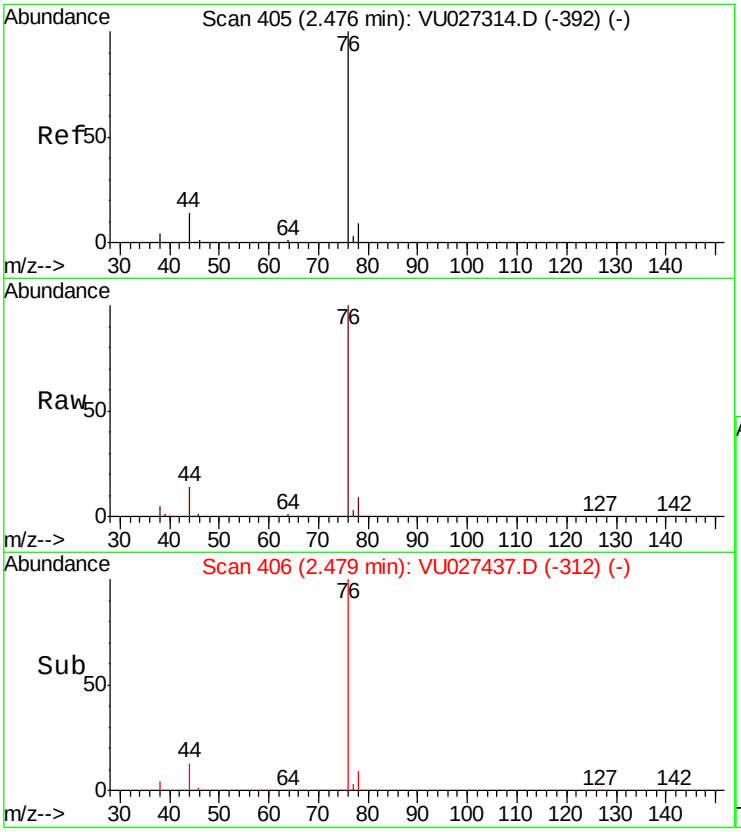




#16
Acetone
Concen: 241.261 ug/l
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion: 43 Resp: 301101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.1 | 24.2 | 36.4 |



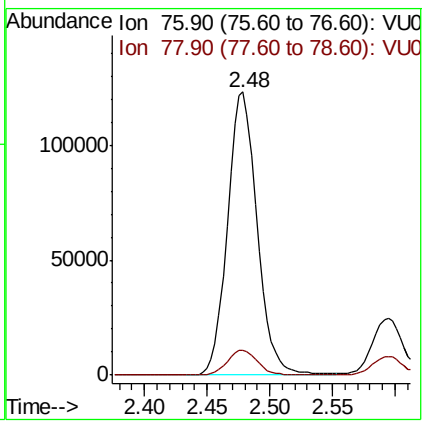


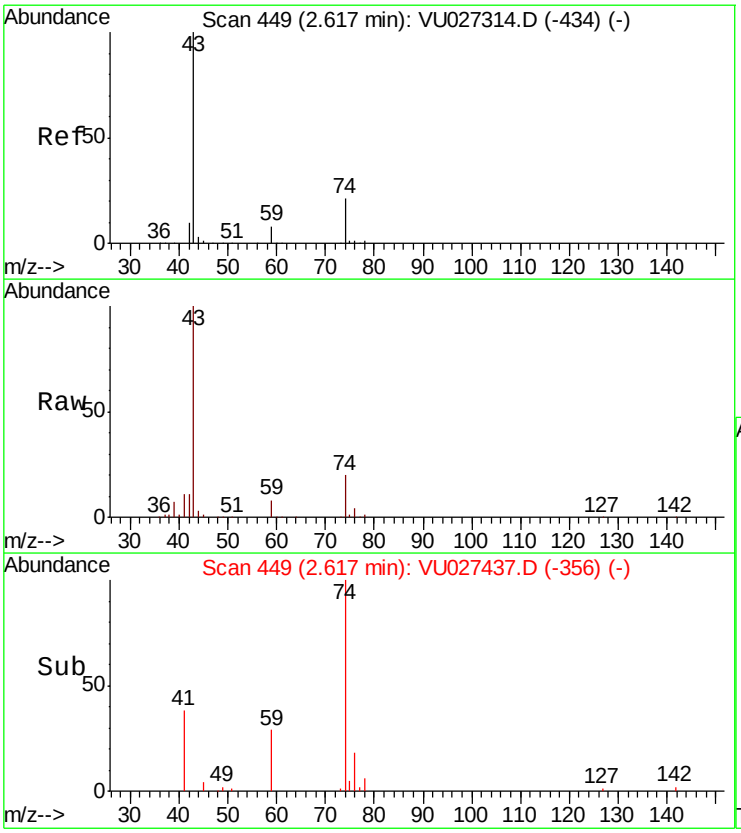

#17
Carbon Disulfide
Concen: 41.938 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion: 76 Resp: 202130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.8 | 7.3 | 10.9 |

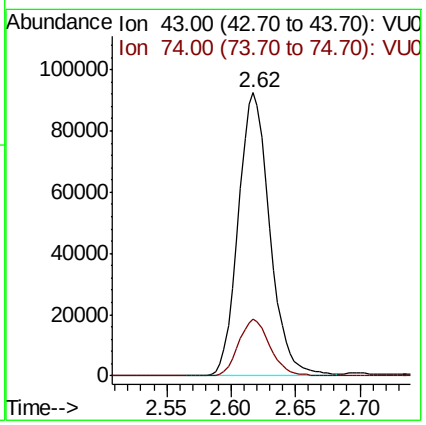


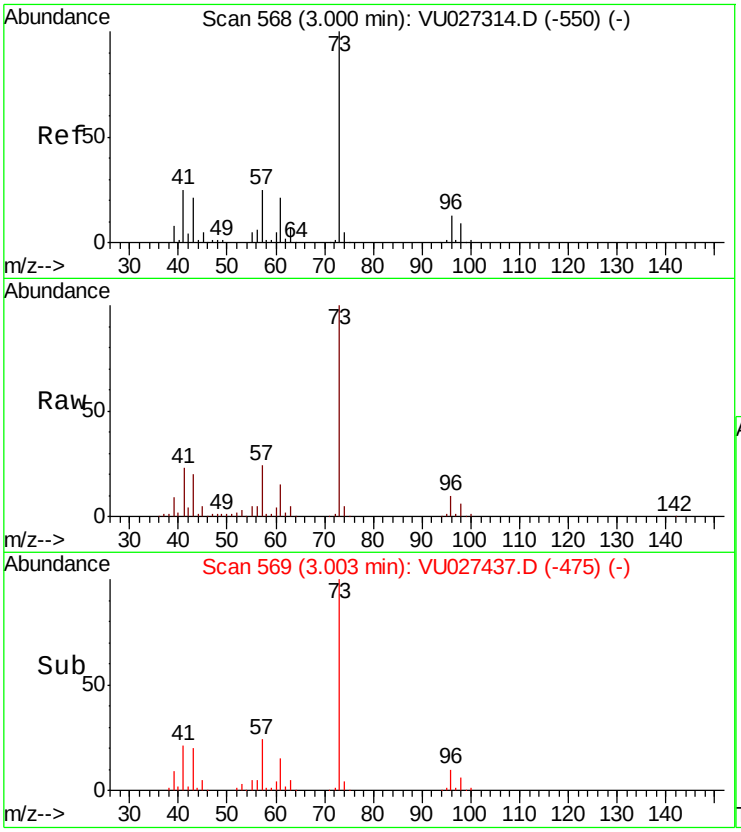




#18
Methyl Acetate
Concen: 55.025 ug/l
RT: 2.62 min Scan# 449
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion: 43 Resp: 156660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 20.2 | 16.5 | 24.7 |



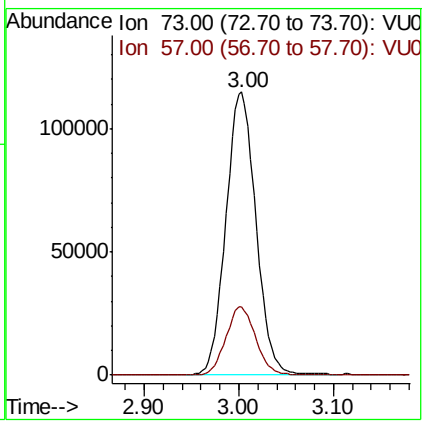


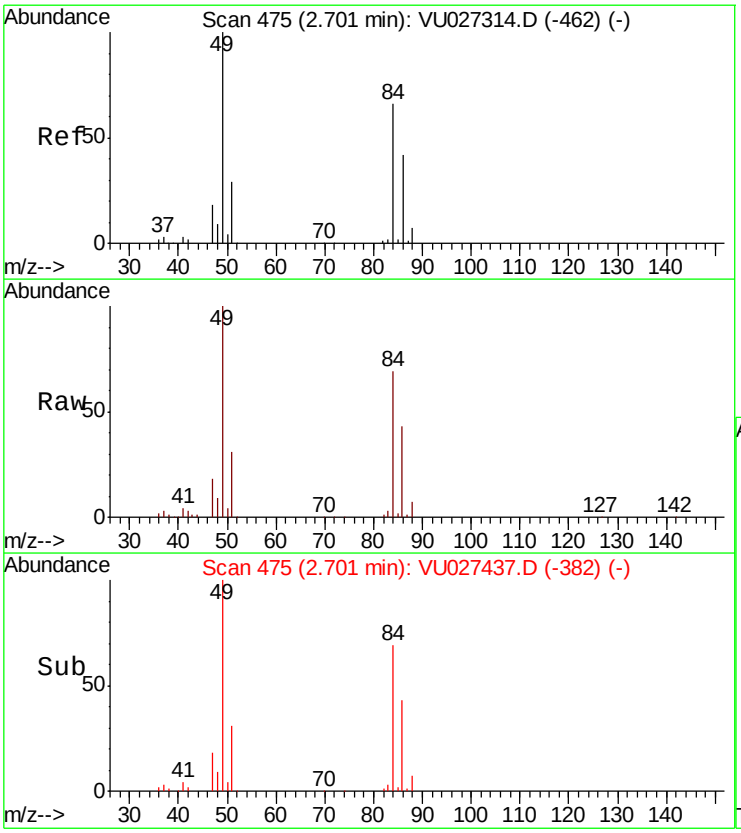

#19
Methyl tert-butyl Ether
Concen: 47.336 ug/l
RT: 3.00 min Scan# 569
Delta R.T. 0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion: 73 Resp: 253465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 24.0 | 20.0 | 30.0 |

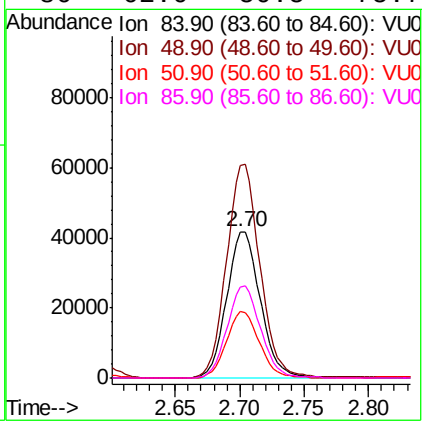


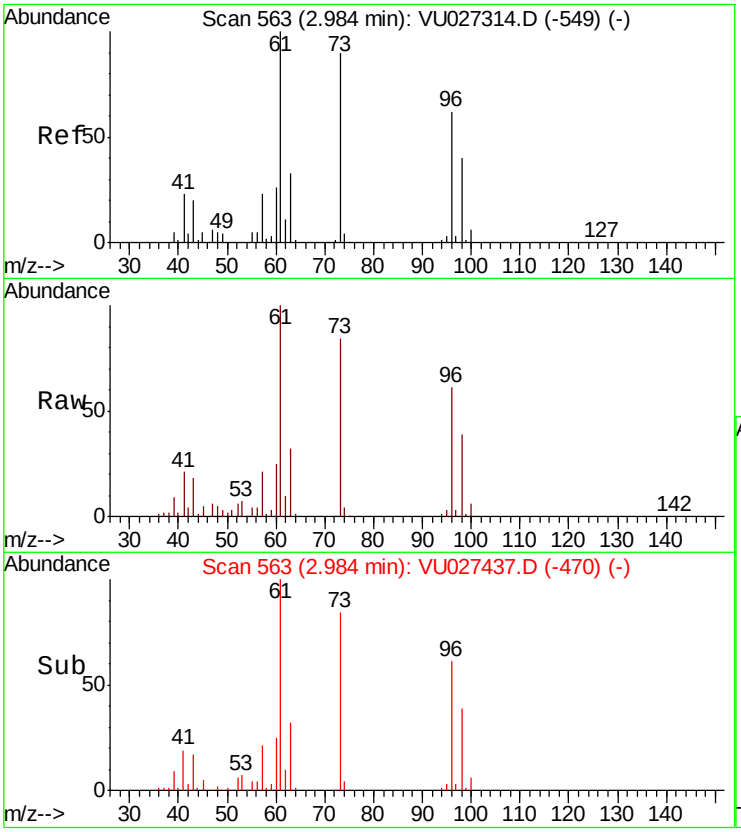




#20
Methylene Chloride
Concen: 43.397 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion: 84 Resp: 75443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 145.7 | 120.5 | 180.7 |
| 51 | 45.4 | 35.1 | 52.7 |
| 86 | 62.0 | 50.5 | 75.7 |



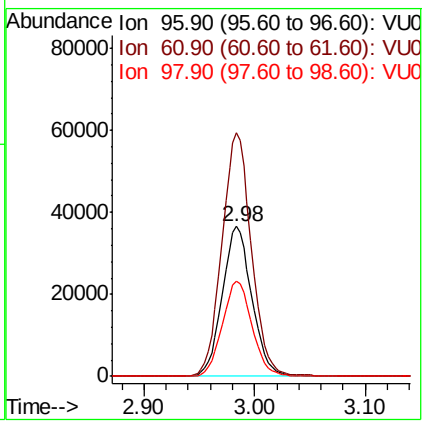


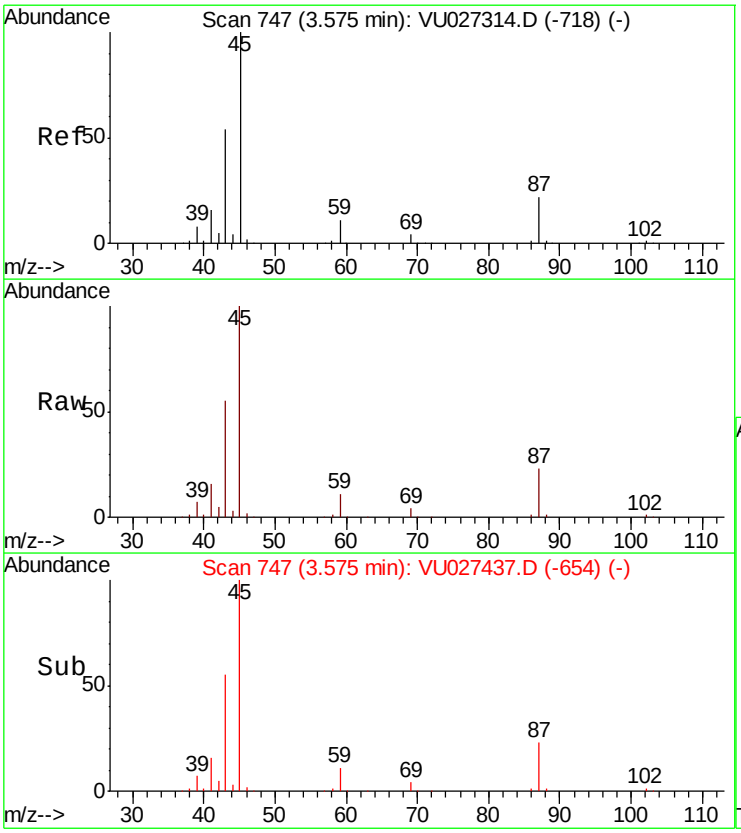

#21
trans-1,2-Dichloroethene
Concen: 45.281 ug/l
RT: 2.98 min Scan# 563
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion: 96 Resp: 67938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 162.8 | 129.4 | 194.2 |
| 98 | 63.7 | 51.2 | 76.8 |

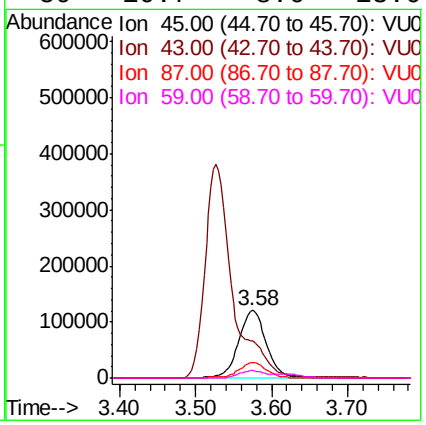


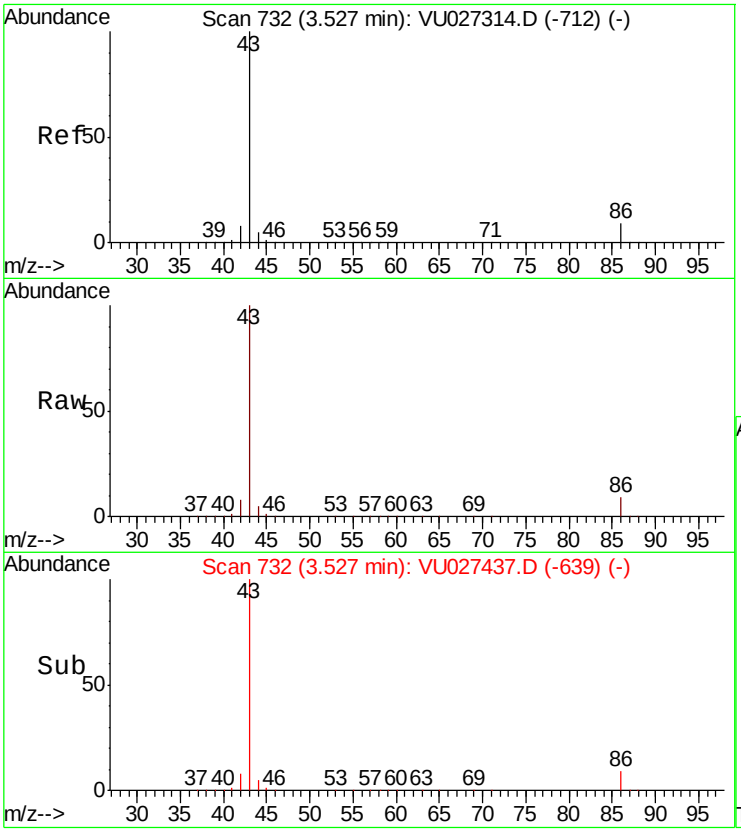




#22
Diisopropyl ether
Concen: 47.239 ug/l
RT: 3.58 min Scan# 747
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion: 45 Resp: 304695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 53.3 | 43.4 | 65.2 |
| 87 | 22.6 | 17.5 | 26.3 |
| 59 | 10.7 | 8.6 | 13.0 |



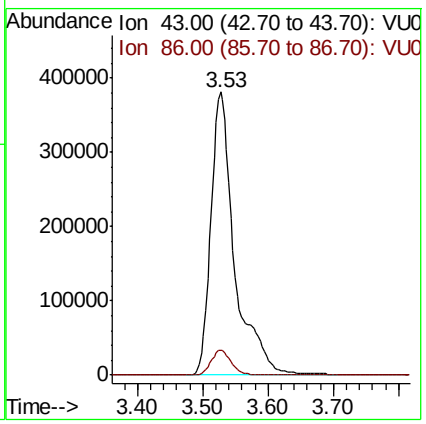


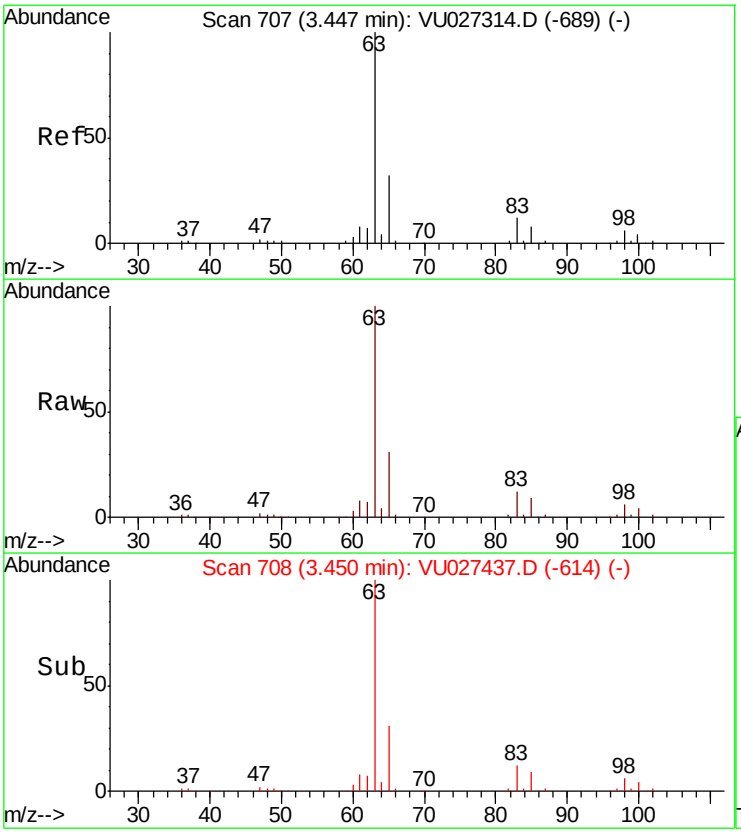

#23
Vinyl Acetate
Concen: 171.012 ug/l
RT: 3.53 min Scan# 732
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion: 43 Resp: 963290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 8.9 | 7.0 | 10.4 |

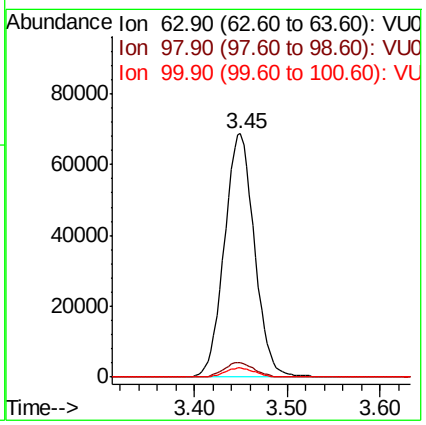


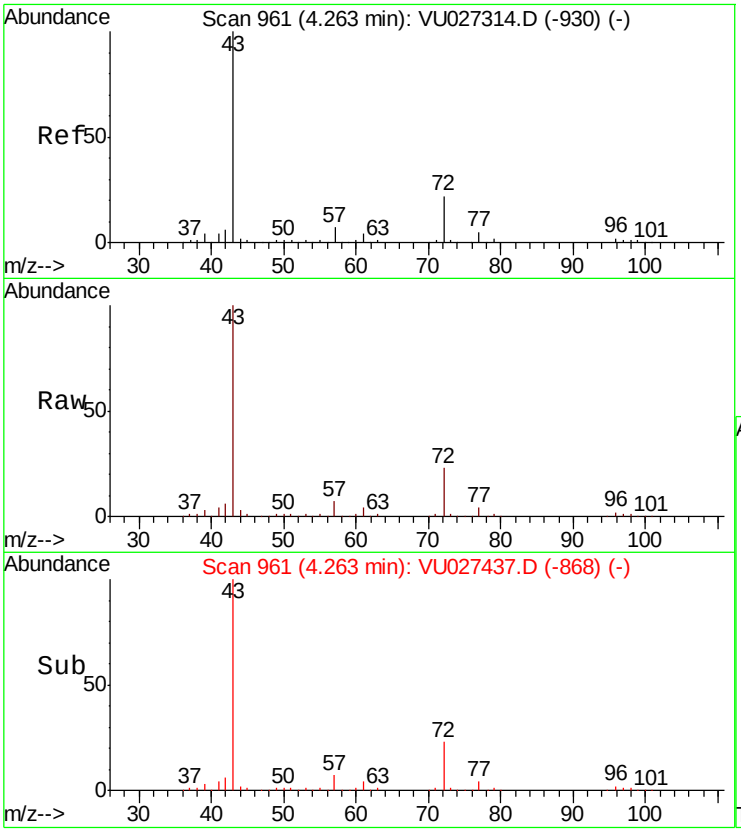




#24
1,1-Dichloroethane
Concen: 46.607 ug/l
RT: 3.45 min Scan# 708
Delta R.T. 0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion: 63 Resp: 154542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 5.8 | 3.0 | 9.2 |
| 100 | 3.7 | 1.8 | 5.5 |



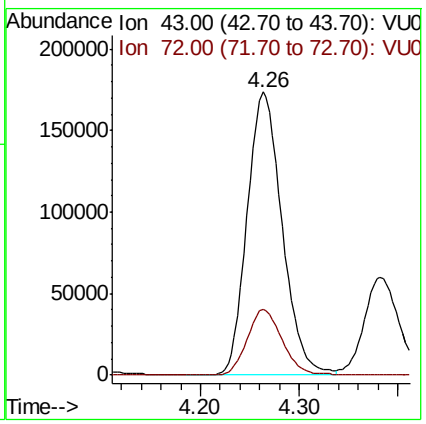


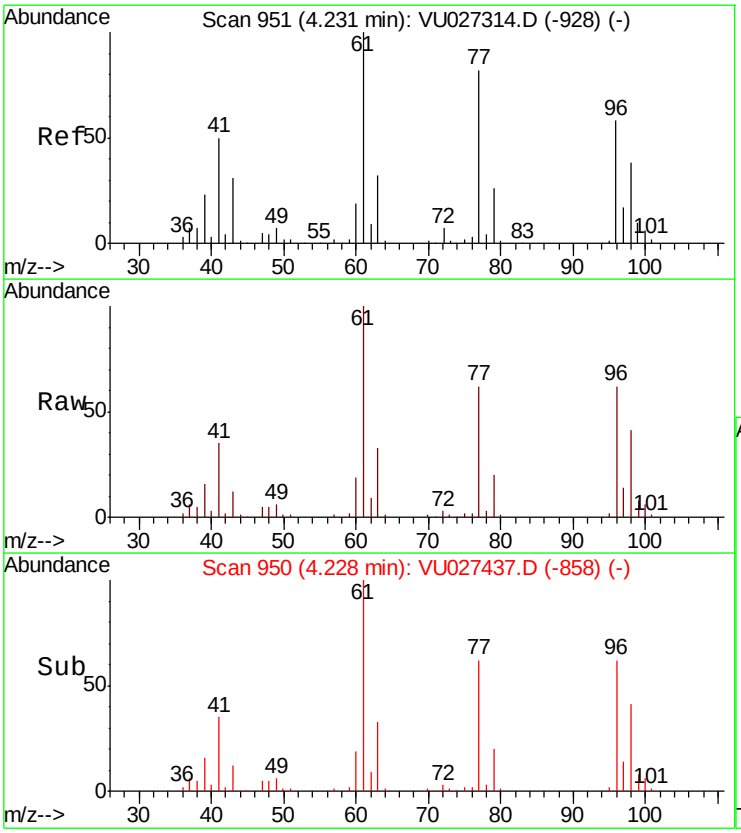

#25
2-Butanone
Concen: 248.442 ug/l
RT: 4.26 min Scan# 961
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion: 43 Resp: 422820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 23.4 | 17.8 | 26.6 |

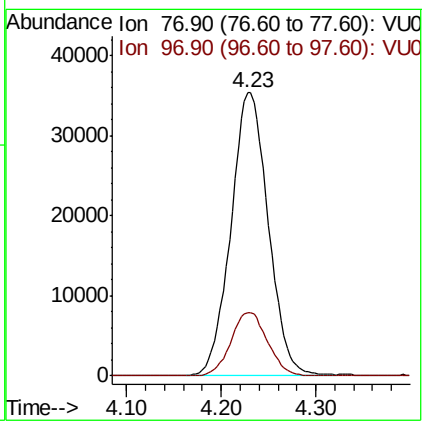


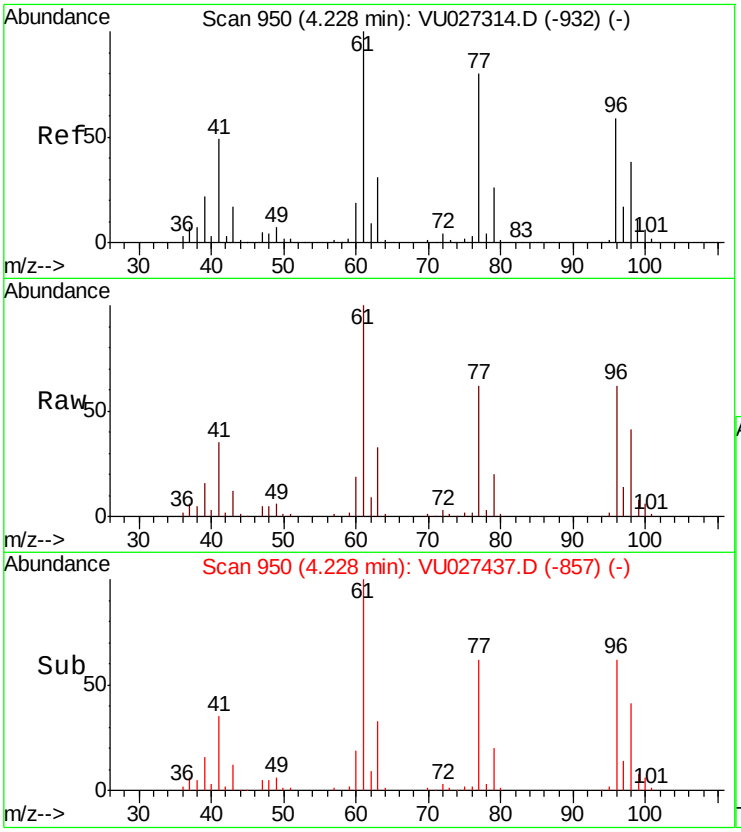




#26
2,2-Dichloropropane
Concen: 35.619 ug/l
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion: 77 Resp: 97047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 22.0 | 10.4 | 31.1 |



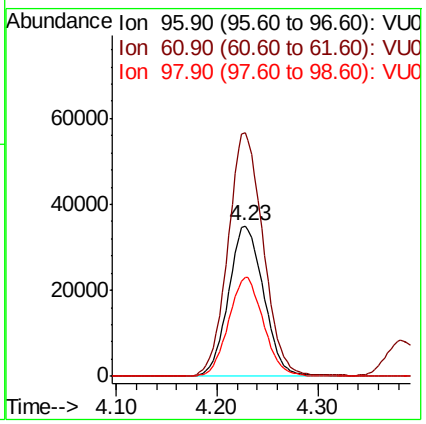


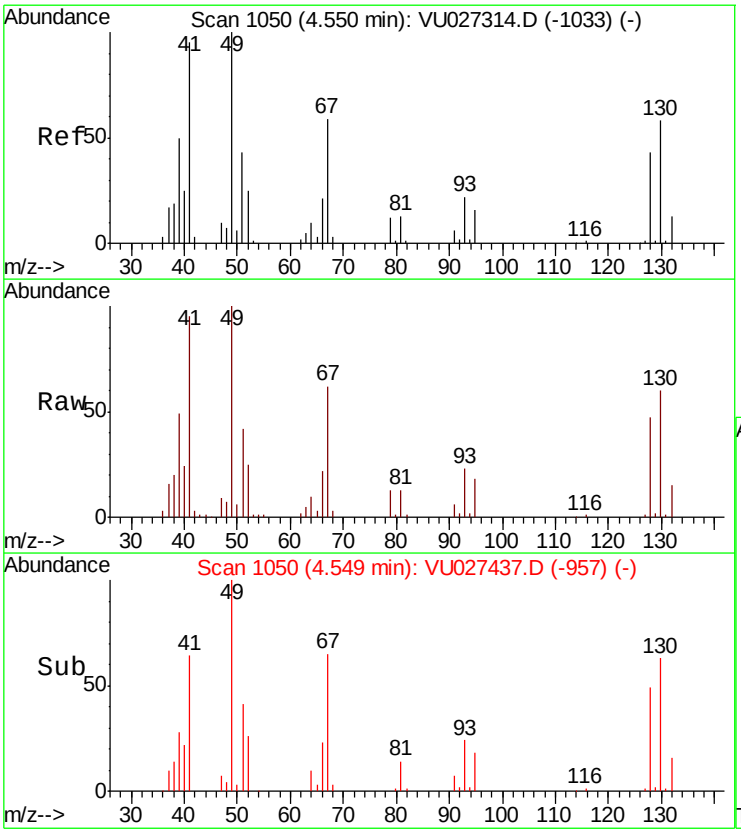

#27
cis-1,2-Dichloroethene
Concen: 49.579 ug/l
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion: 96 Resp: 85067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 161.1 | 0.0 | 343.8 |
| 98 | 65.0 | 0.0 | 129.0 |

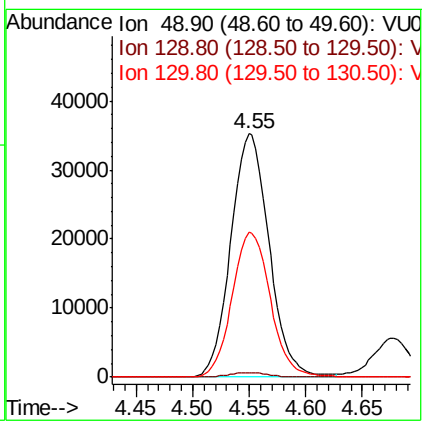


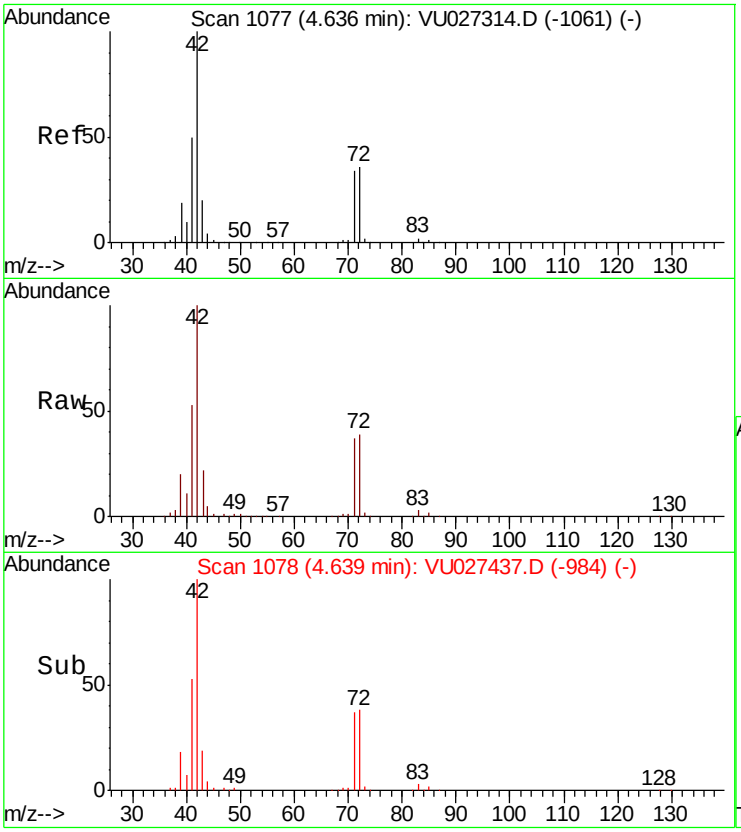




#28
Bromochloromethane
Concen: 51.976 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion: 49 Resp: 83149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.7 | 0.0 | 3.0 |
| 130 | 59.5 | 46.1 | 69.1 |



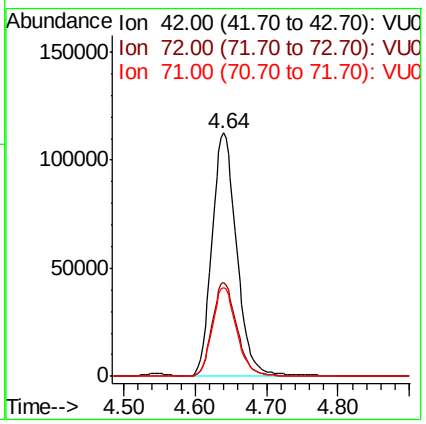


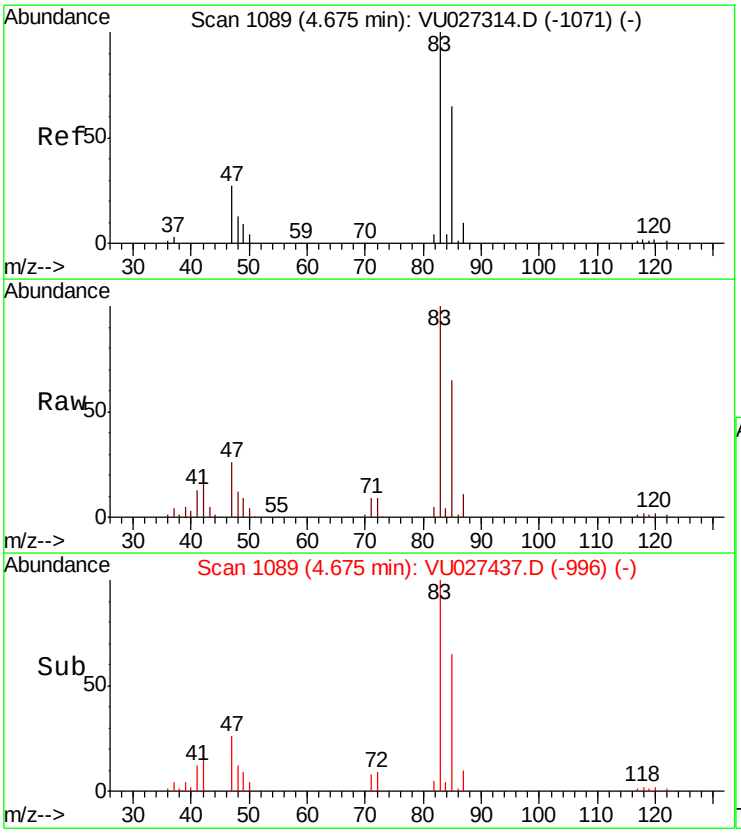

#29
Tetrahydrofuran
Concen: 250.530 ug/l
RT: 4.64 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion: 42 Resp: 268706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 38.6 | 30.1 | 45.1 |
| 71 | 36.5 | 27.7 | 41.5 |

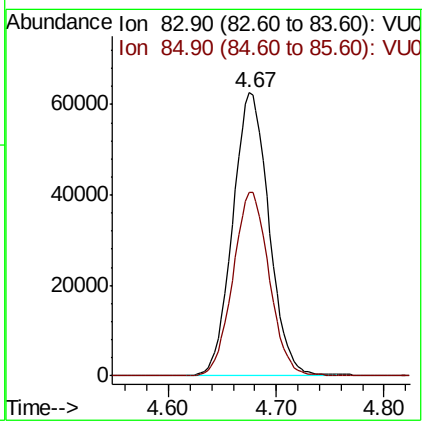


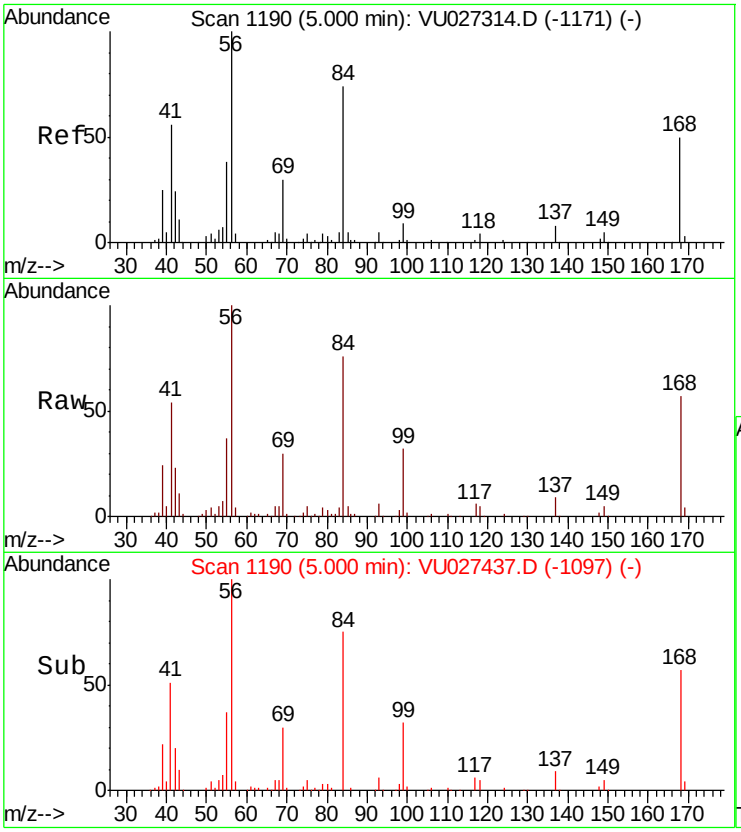




#30
Chloroform
Concen: 49.725 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion: 83 Resp: 146491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.7 | 51.8 | 77.6 |



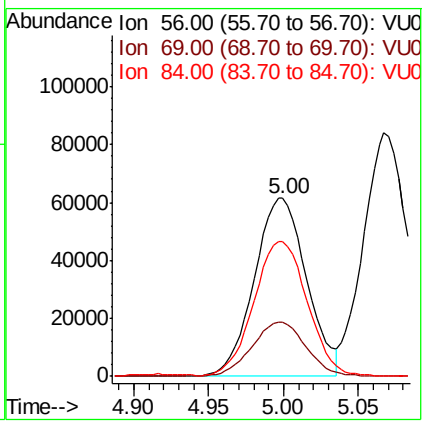


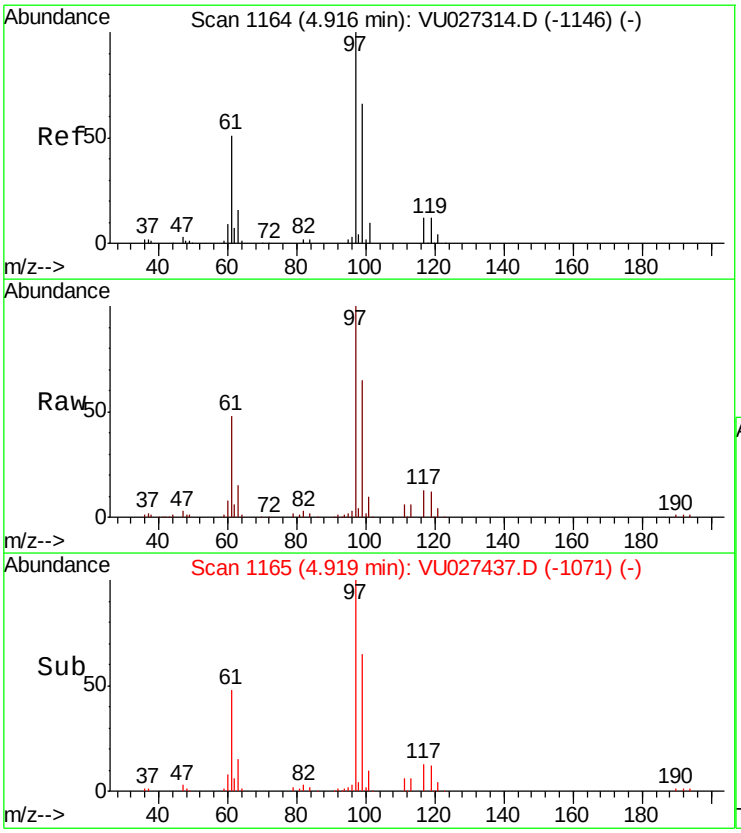

#31
Cyclohexane
Concen: 44.129 ug/l
RT: 5.00 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion: 56 Resp: 149614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 30.2 | 24.1 | 36.1 |
| 84 | 74.8 | 59.1 | 88.7 |

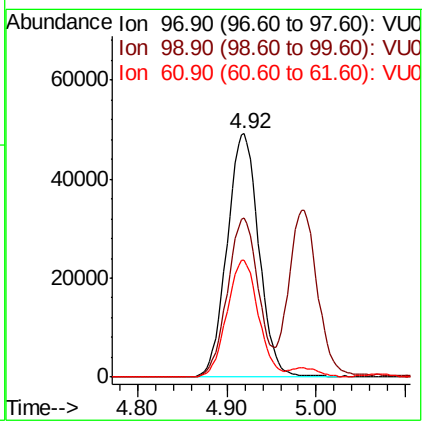


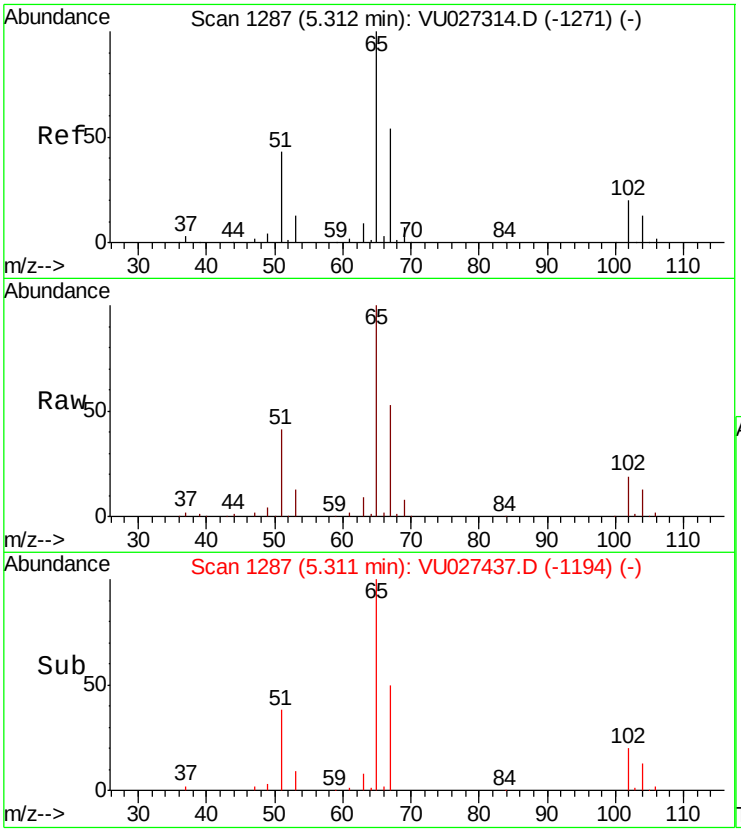




#32
1,1,1-Trichloroethane
Concen: 48.906 ug/l
RT: 4.92 min Scan# 1165
Delta R.T. 0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion: 97 Resp: 121344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.5 | 51.1 | 76.7 |
| 61 | 47.3 | 39.6 | 59.4 |



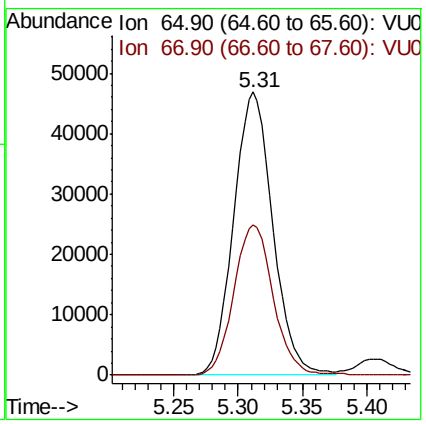


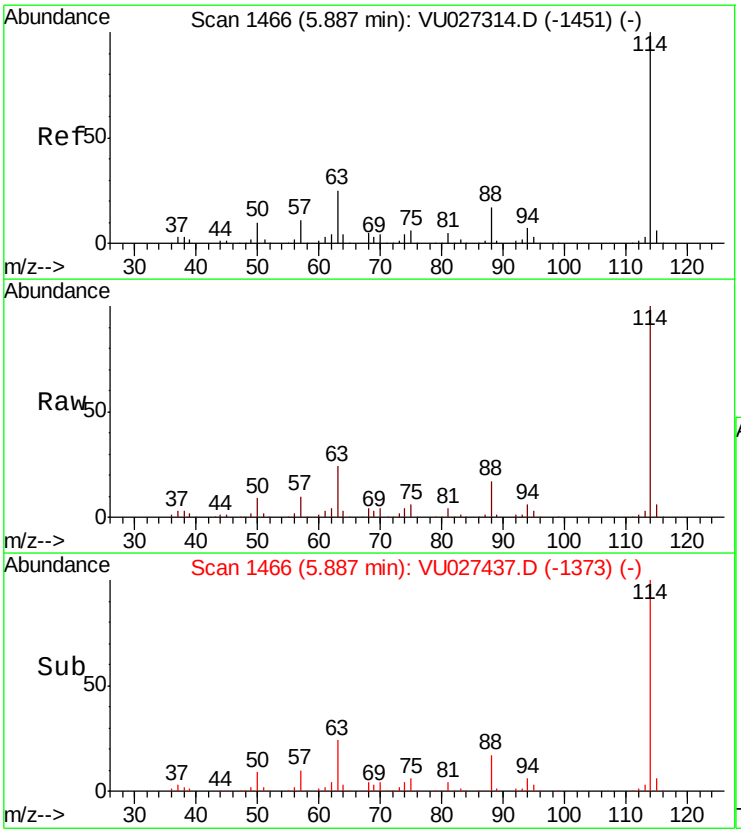

#33
1,2-Dichloroethane-d4
Concen: 46.878 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion: 65 Resp: 99034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.5 | 0.0 | 107.8 |

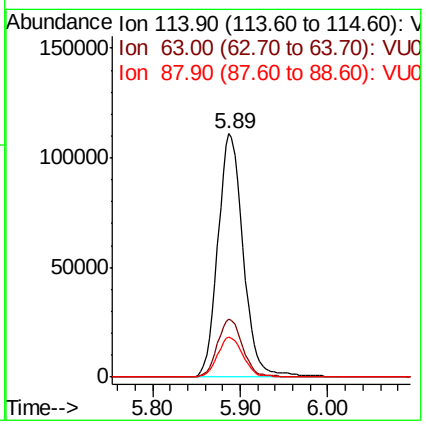


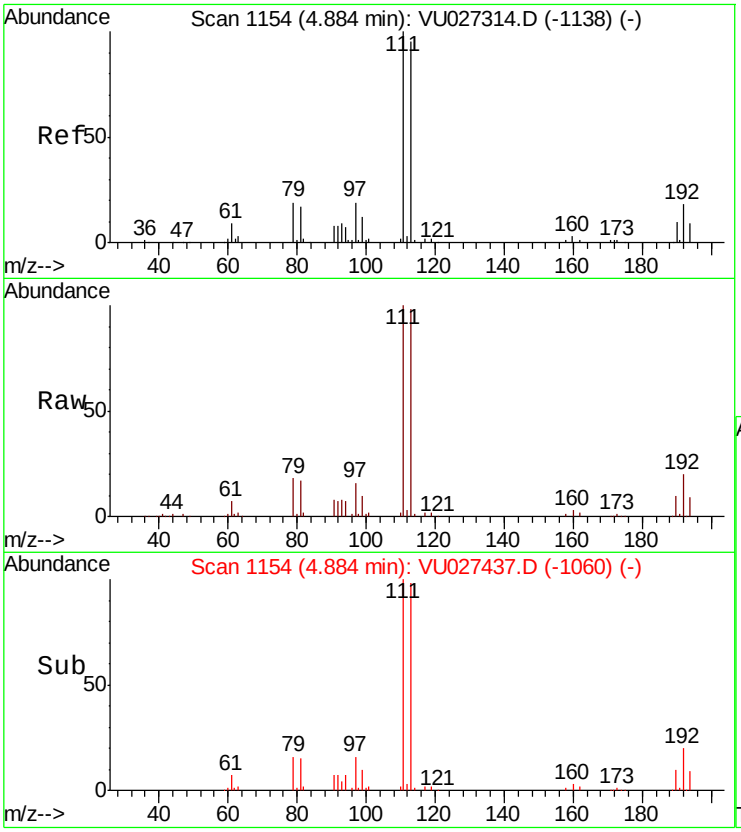




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1466
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion:114 Resp: 223131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 23.9 | 0.0 | 50.2 |
| 88 | 16.5 | 0.0 | 33.8 |



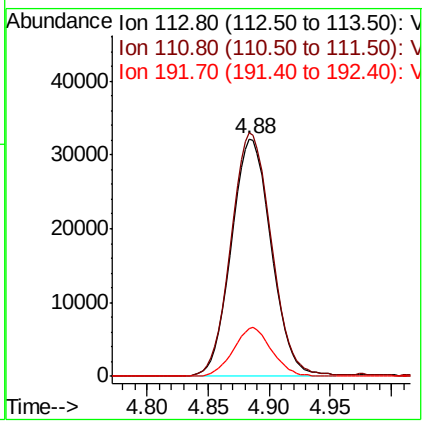


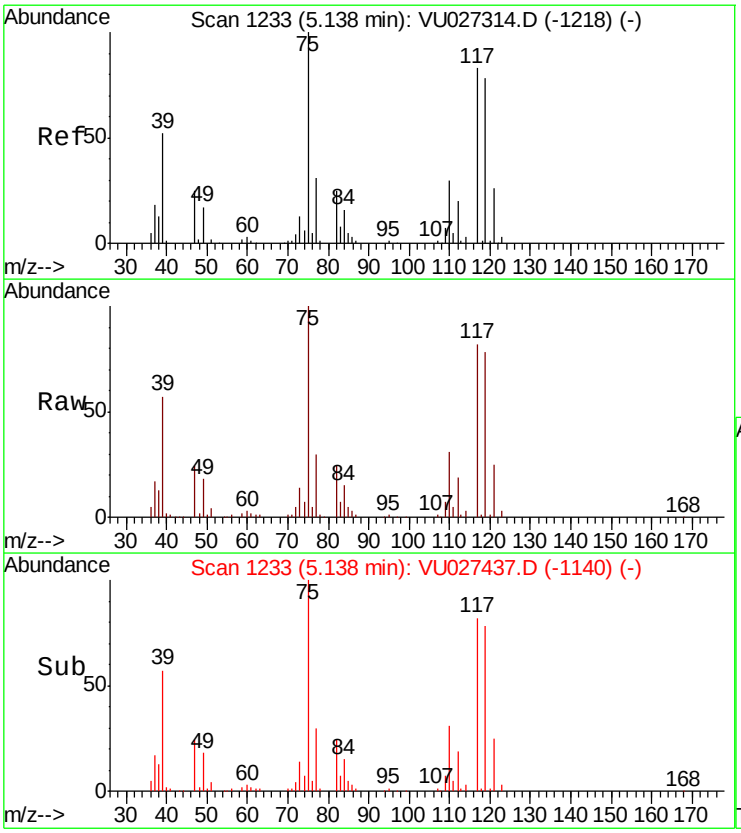

#35
Dibromofluoromethane
Concen: 47.788 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. 0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion:113 Resp: 73076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.7 | 83.1 | 124.7 |
| 192 | 19.5 | 15.4 | 23.0 |

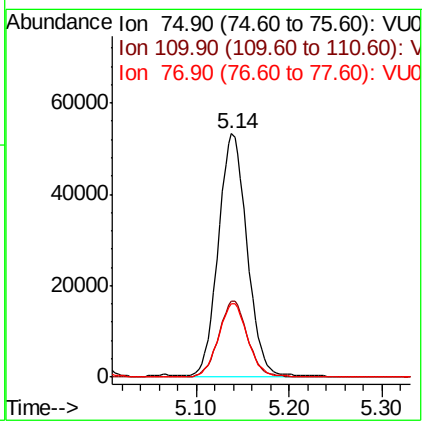


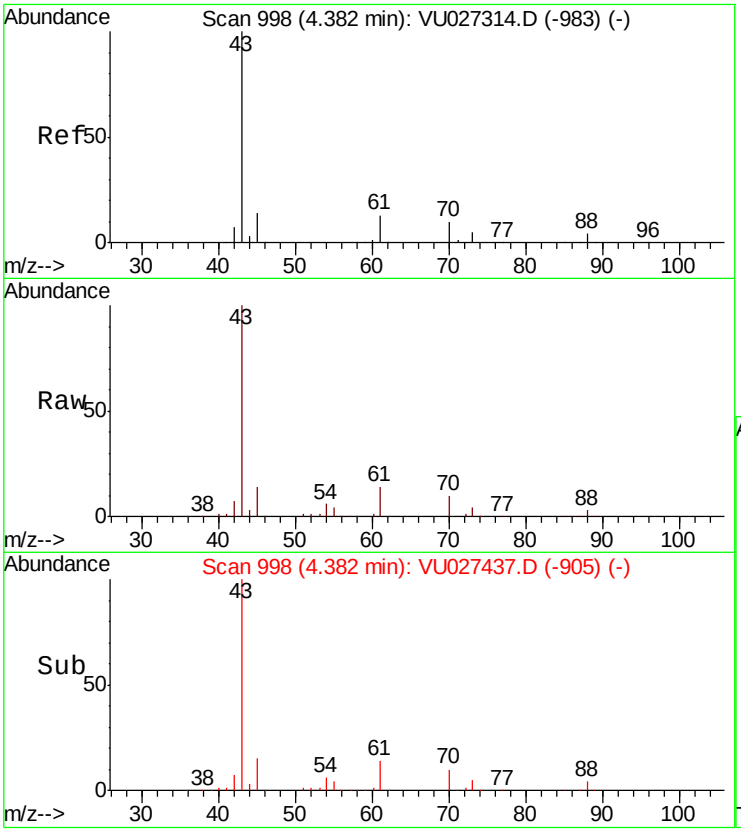




#36
1,1-Dichloropropene
Concen: 47.259 ug/l
RT: 5.14 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion: 75 Resp: 114495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 31.5 | 15.5 | 46.5 |
| 77 | 30.8 | 25.4 | 38.0 |



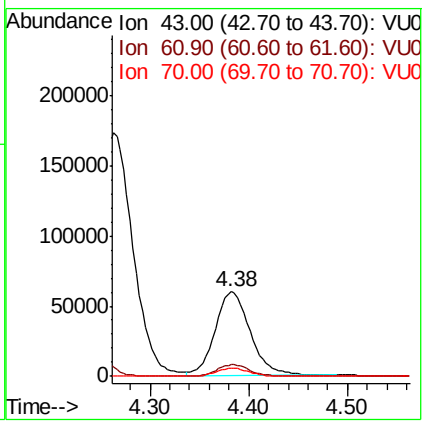


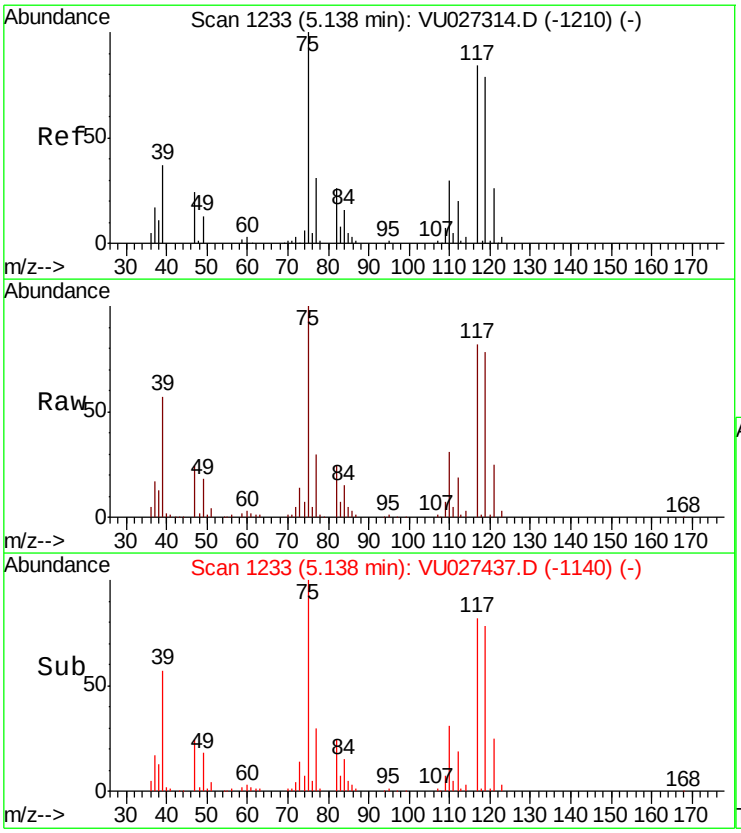

#37
Ethyl Acetate
Concen: 47.769 ug/l
RT: 4.38 min Scan# 998
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion: 43 Resp: 149570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 13.4 | 10.7 | 16.1 |
| 70 | 9.3 | 7.4 | 11.2 |

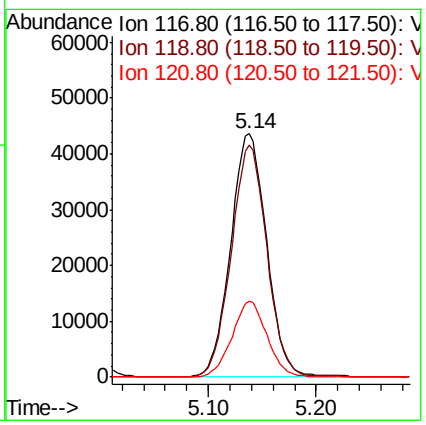


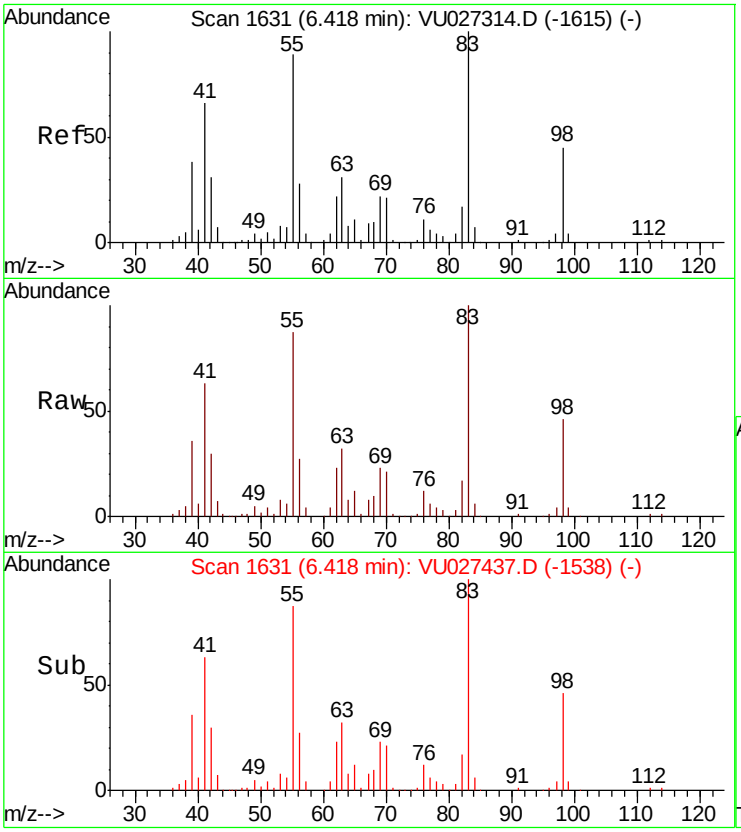




#38
Carbon Tetrachloride
Concen: 46.006 ug/l
RT: 5.14 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion:117 Resp: 100683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.5 | 74.5 | 111.7 |
| 121 | 31.2 | 24.6 | 37.0 |



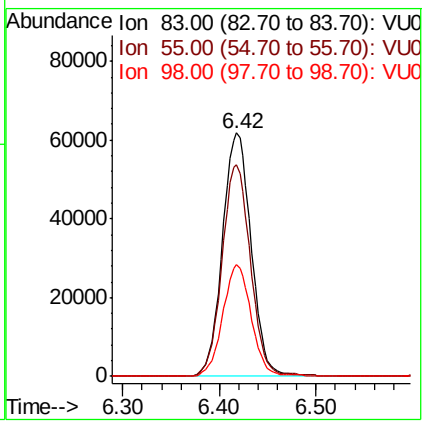


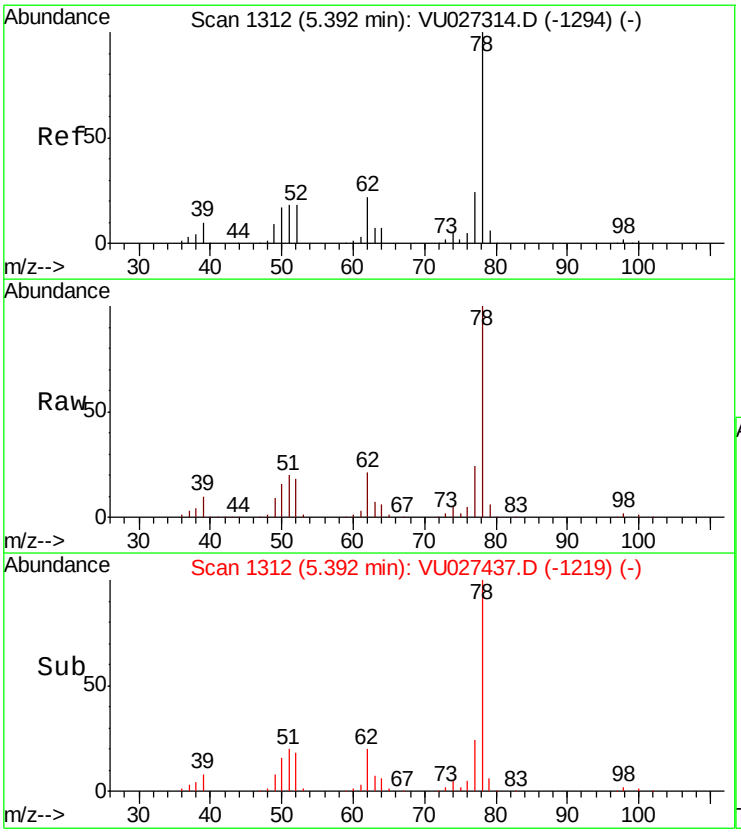

#39
Methylcyclohexane
Concen: 45.056 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion: 83 Resp: 127601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 86.9 | 71.1 | 106.7 |
| 98 | 45.9 | 36.3 | 54.5 |

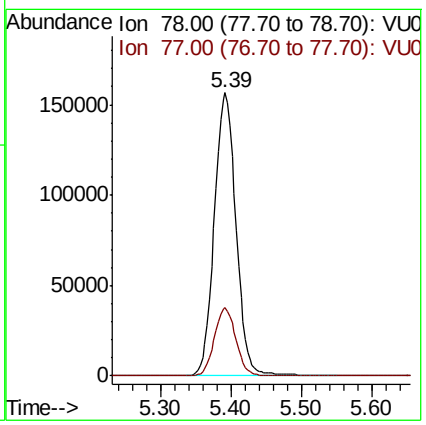


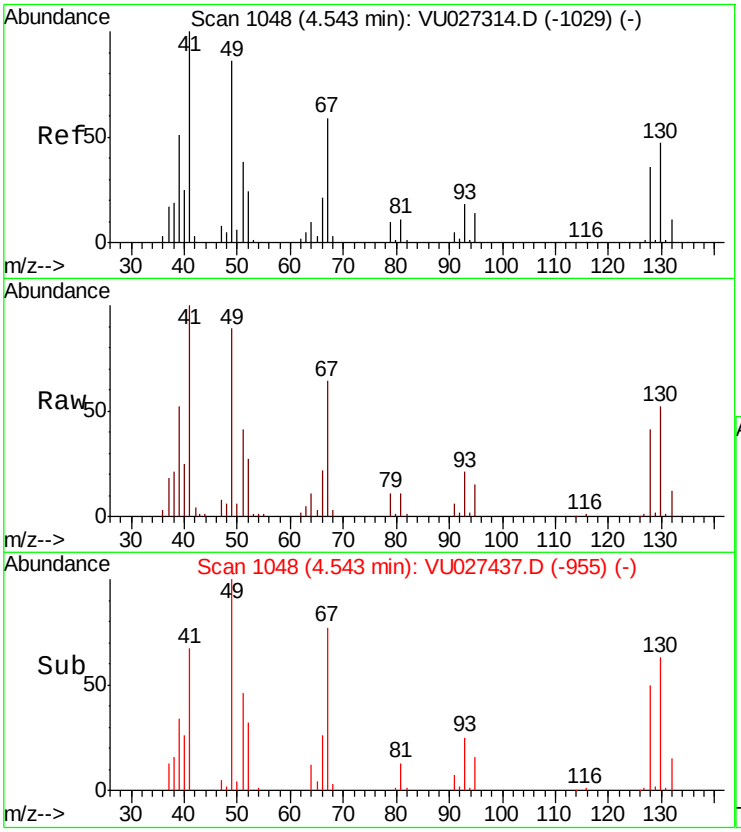




#40
Benzene
Concen: 47.576 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion: 78 Resp: 335747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.1 | 19.3 | 28.9 |



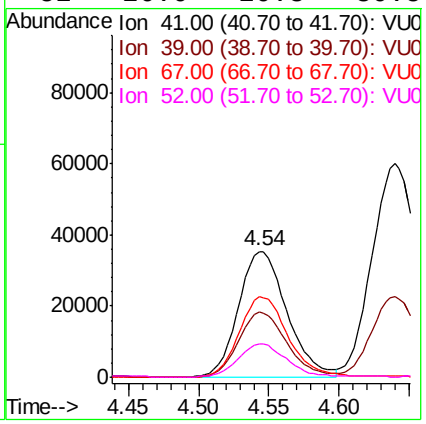


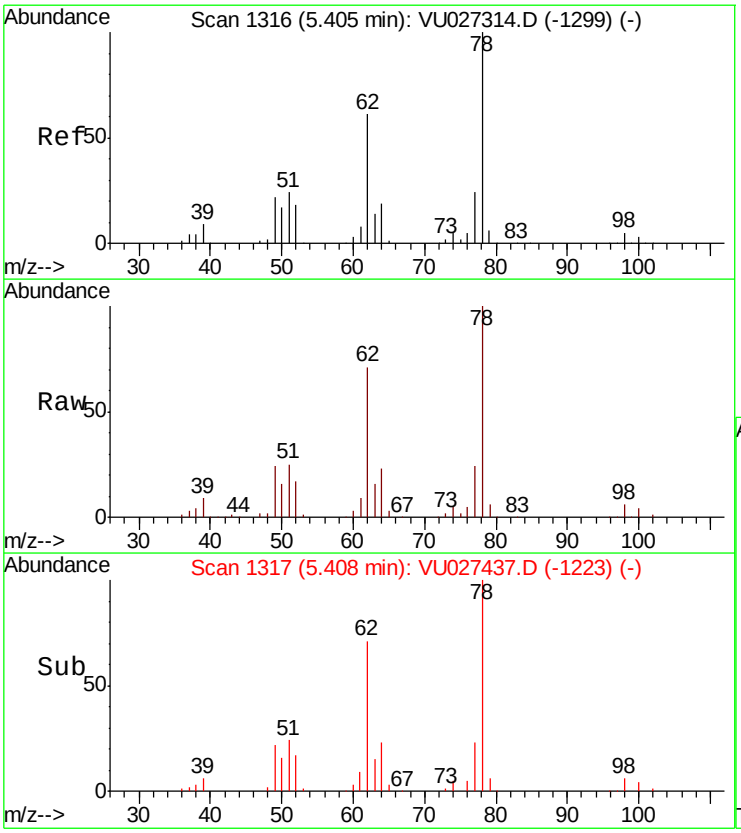

#41
Methacrylonitrile
Concen: 48.112 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion: 41 Resp: 85146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 51.7 | 41.1 | 61.7 |
| 67 | 65.0 | 50.4 | 75.6 |
| 52 | 26.0 | 20.3 | 30.5 |

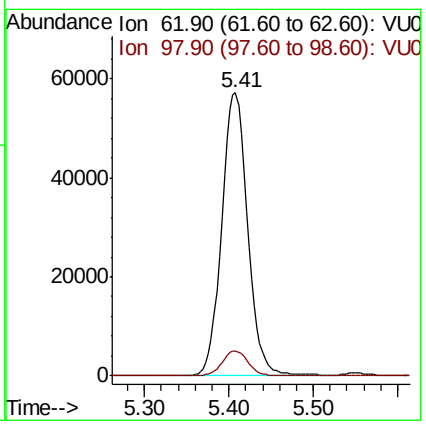


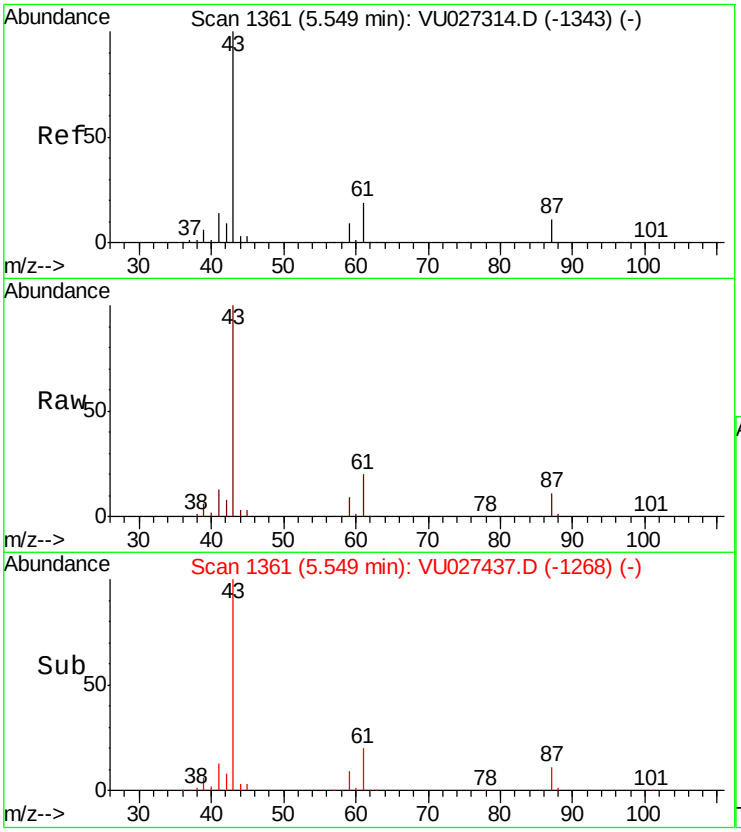




#42
1,2-Dichloroethane
Concen: 46.702 ug/l
RT: 5.41 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion: 62 Resp: 122337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.8 | 0.0 | 16.8 |



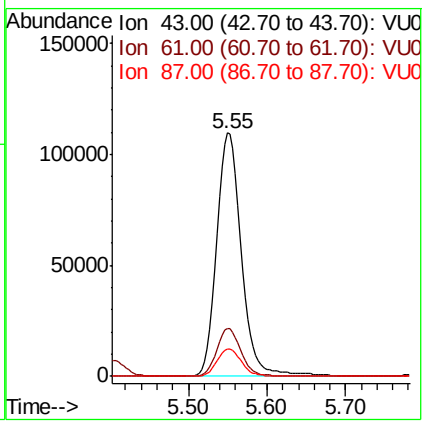


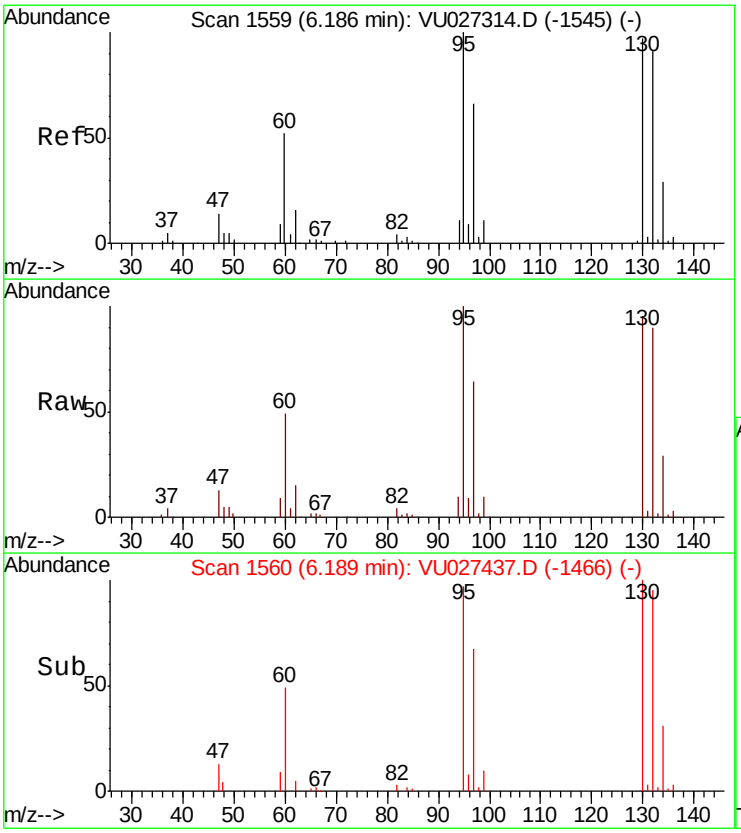

#43
Isopropyl Acetate
Concen: 48.641 ug/l
RT: 5.55 min Scan# 1361
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion: 43 Resp: 236540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 19.5 | 15.3 | 22.9 |
| 87 | 11.2 | 8.6 | 13.0 |

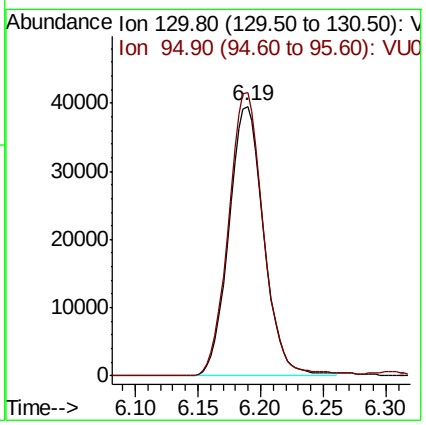


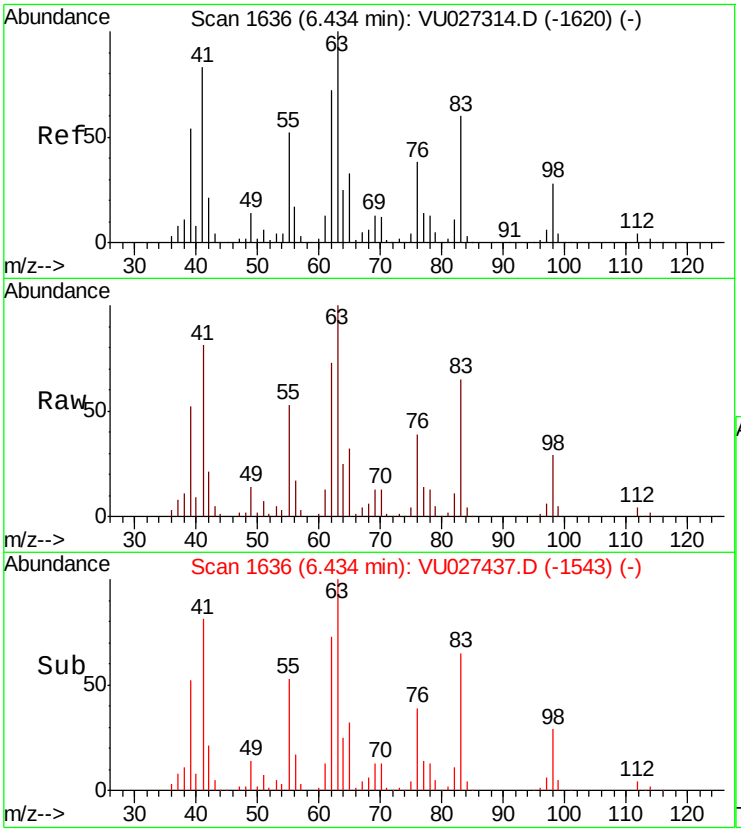




#44
Trichloroethene
Concen: 48.662 ug/l
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion:130 Resp: 76574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 104.9 | 0.0 | 207.0 |



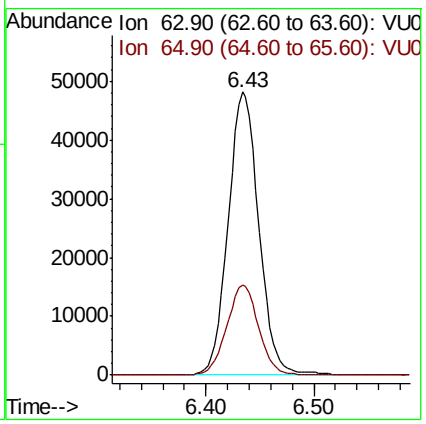


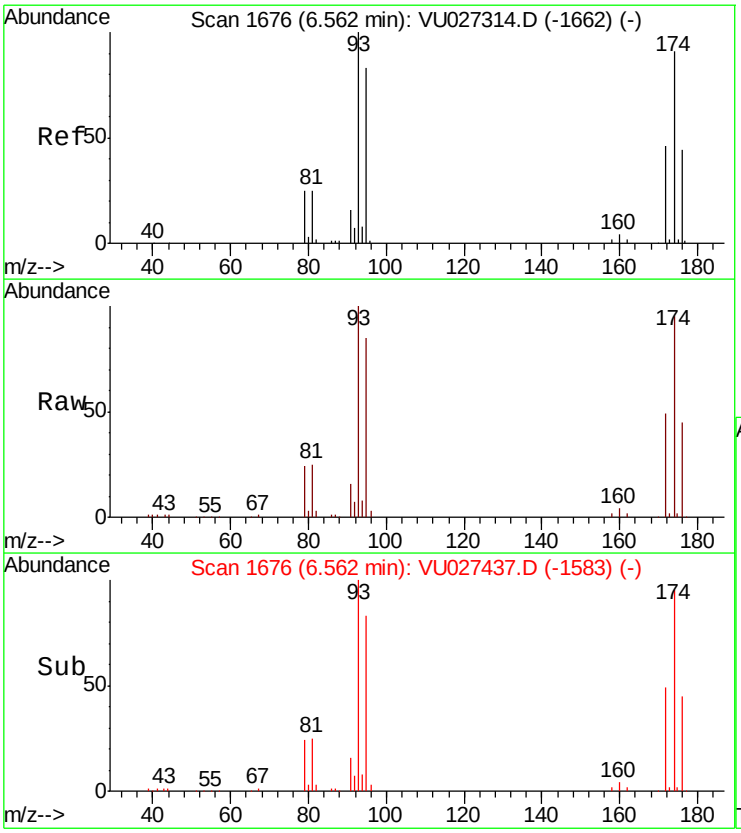

#45
1,2-Dichloropropane
Concen: 46.984 ug/l
RT: 6.43 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion: 63 Resp: 95636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 32.1 | 26.0 | 39.0 |

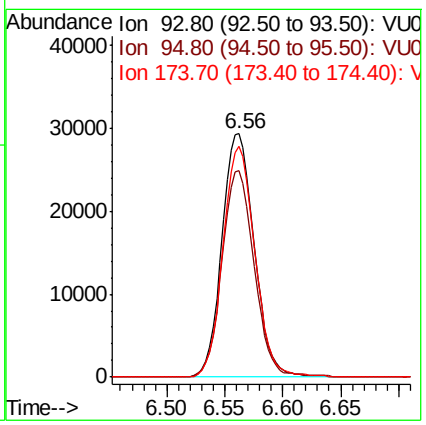


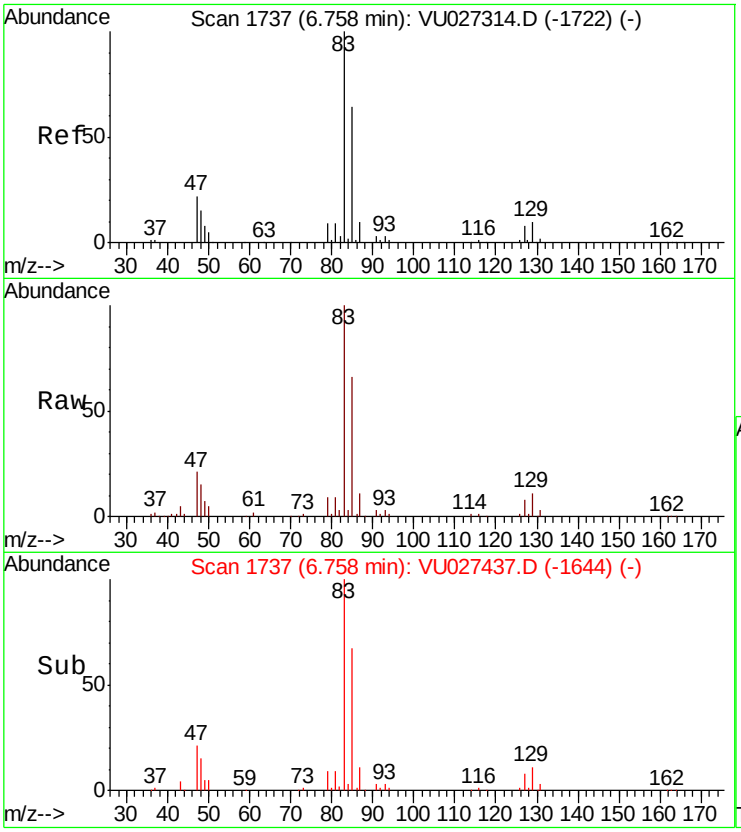




#46
Dibromomethane
Concen: 49.091 ug/l
RT: 6.56 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion: 93 Resp: 56436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 84.5 | 66.5 | 99.7 |
| 174 | 93.9 | 72.5 | 108.7 |



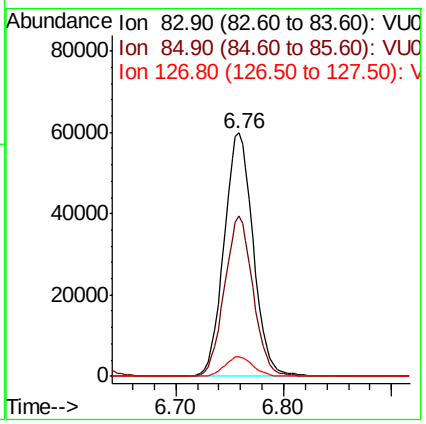


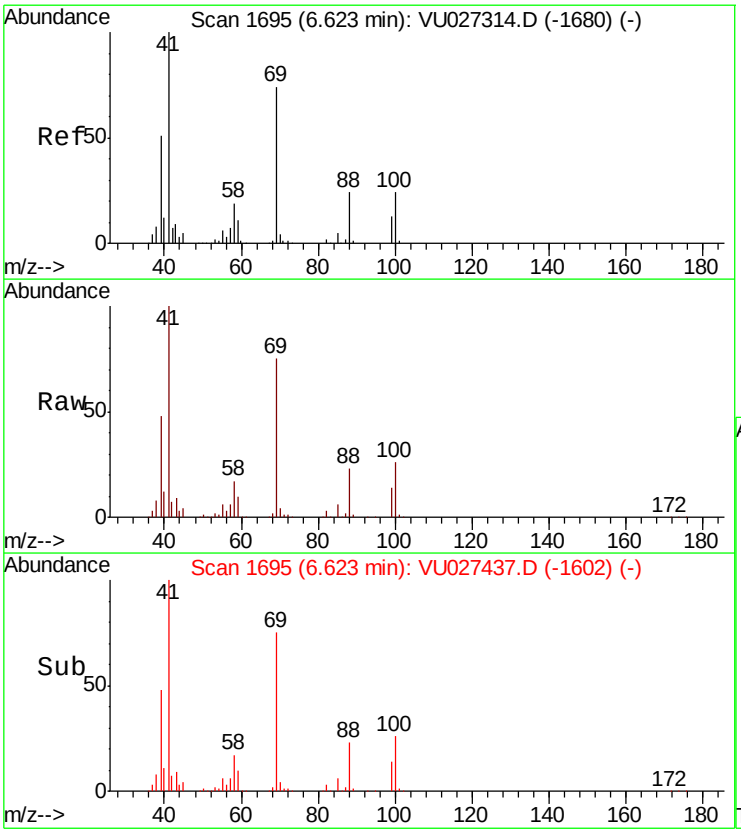

#47
Bromodichloromethane
Concen: 47.107 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion: 83 Resp: 112370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.8 | 51.4 | 77.0 |
| 127 | 8.1 | 6.3 | 9.5 |

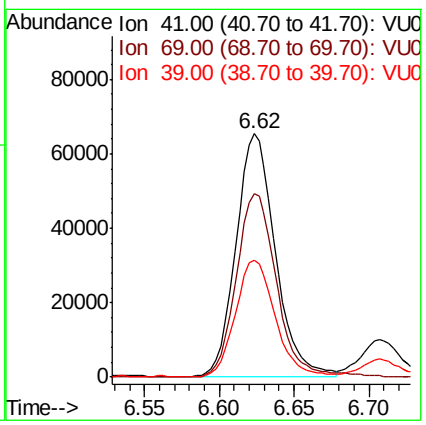


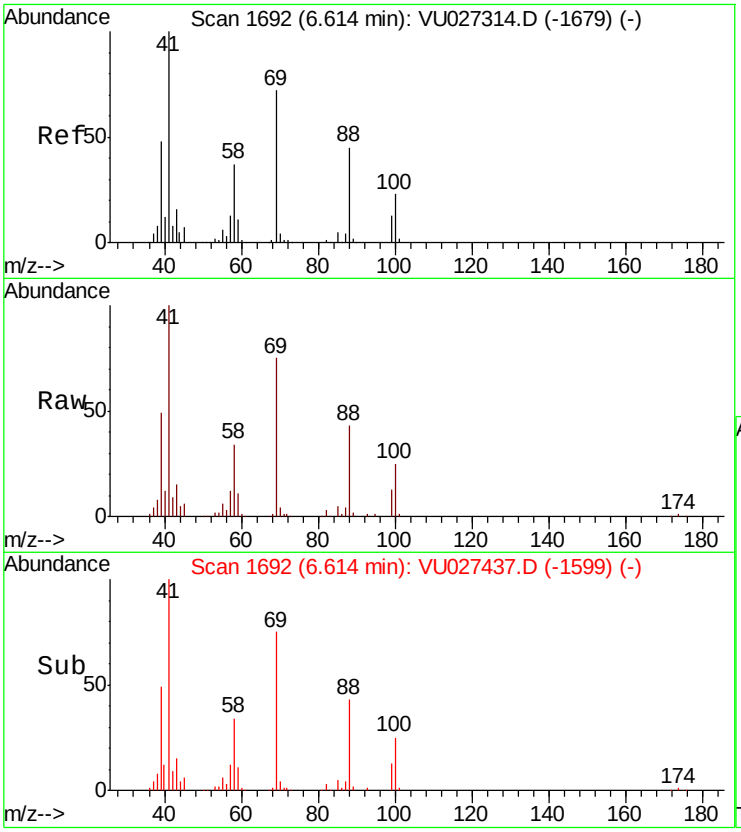




#48
Methyl methacrylate
Concen: 49.284 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion: 41 Resp: 119182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 78.0 | 61.0 | 91.4 |
| 39 | 49.2 | 39.9 | 59.9 |



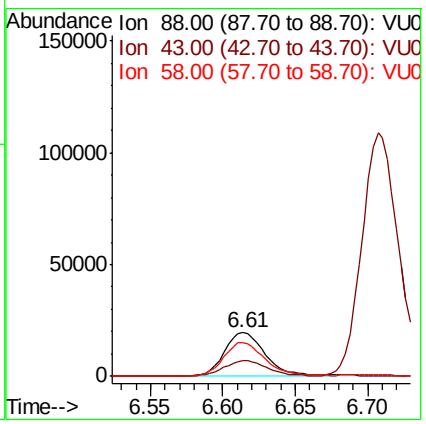


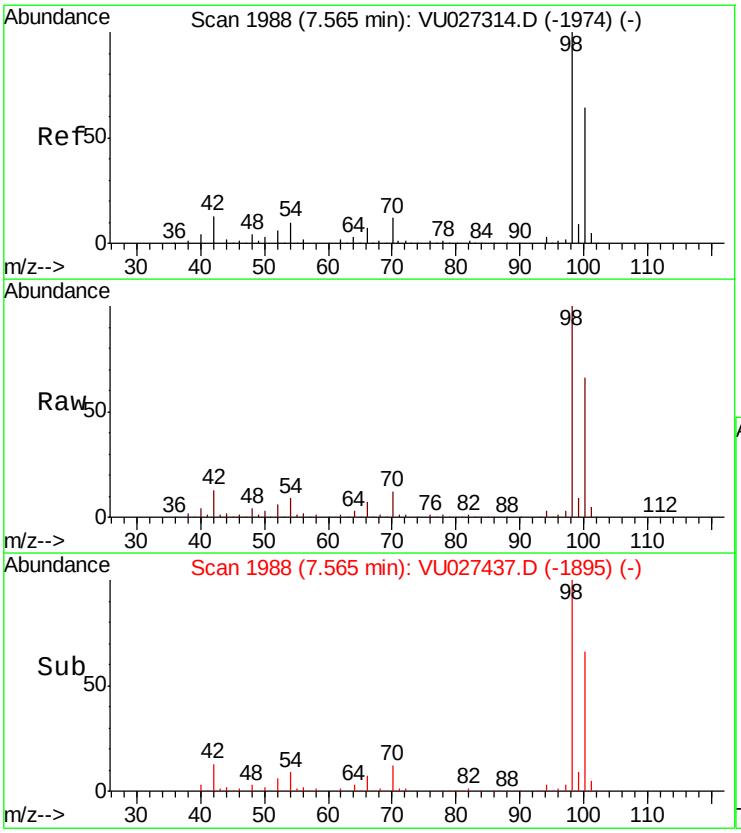

#49
1,4-Dioxane
Concen: 911.430 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion: 88 Resp: 37923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 39.1 | 30.8 | 46.2 |
| 58 | 80.0 | 67.0 | 100.6 |

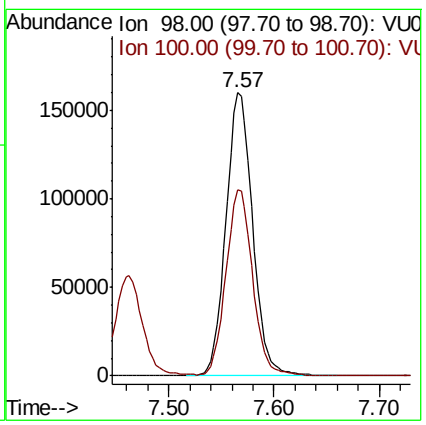


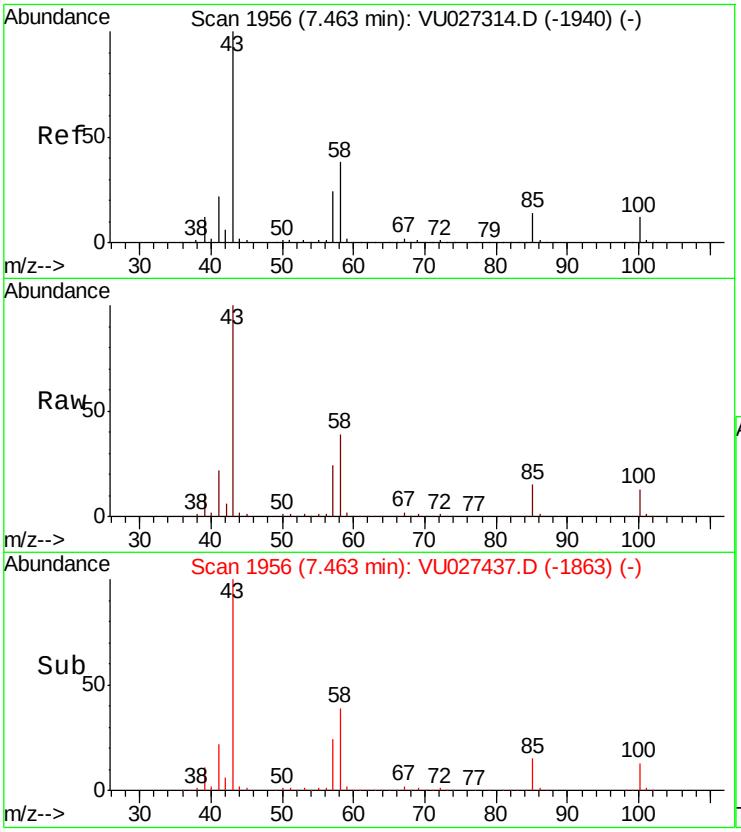




#50
Toluene-d8
Concen: 48.960 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion: 98 Resp: 280210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.2 | 52.1 | 78.1 |



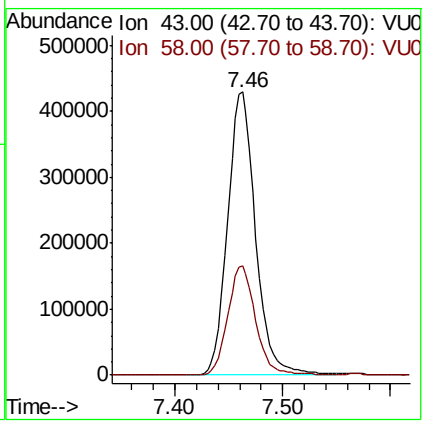


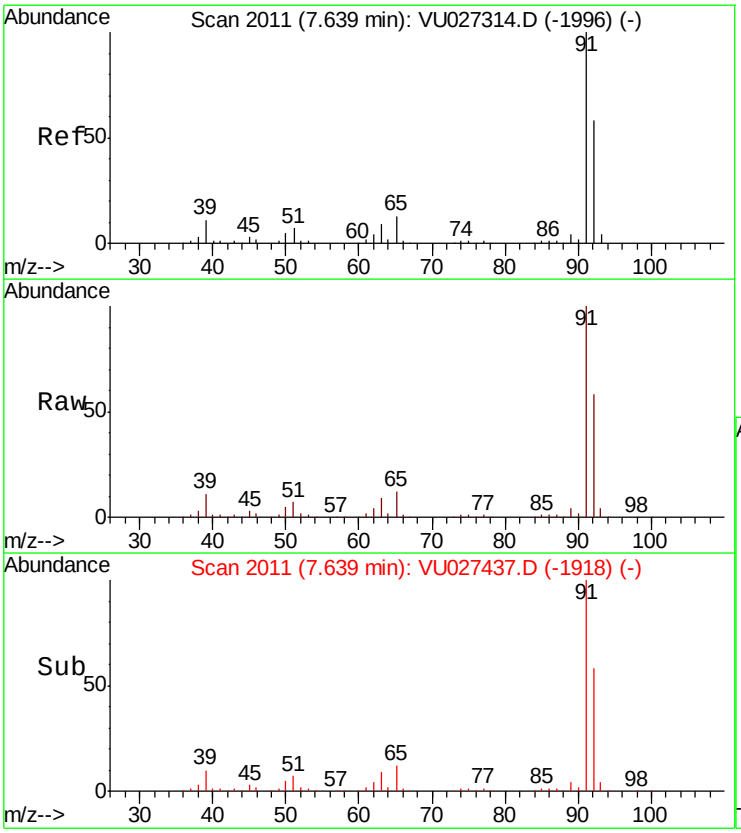

#51
4-Methyl-2-Pentanone
Concen: 244.814 ug/l
RT: 7.46 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion: 43 Resp: 773610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.6 | 29.8 | 44.8 |

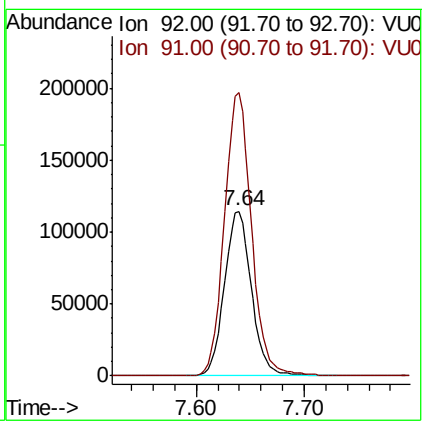


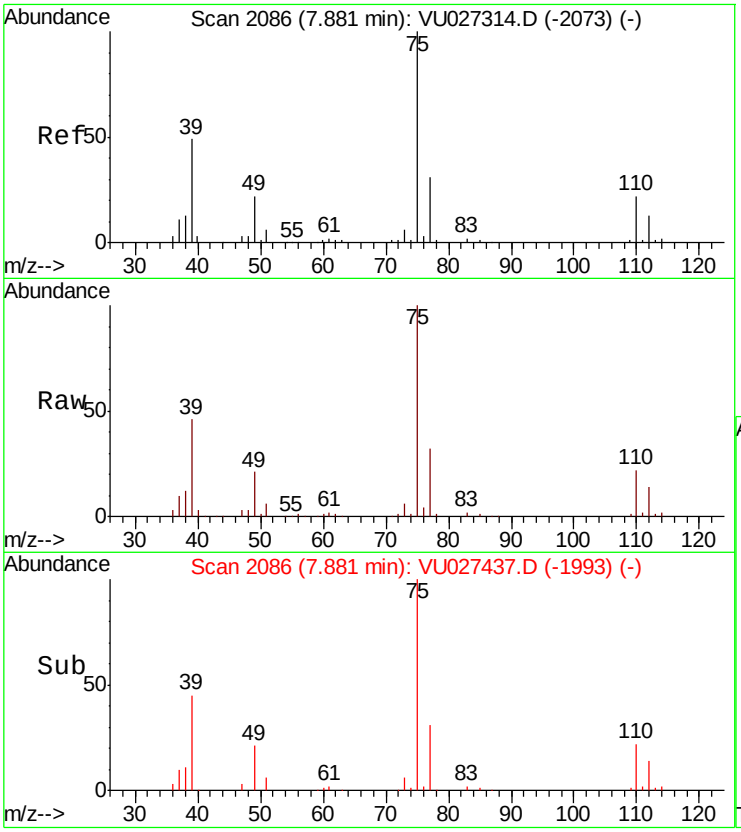




#52
Toluene
Concen: 47.973 ug/l
RT: 7.64 min Scan# 2011
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion: 92 Resp: 200382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 172.1 | 138.6 | 208.0 |



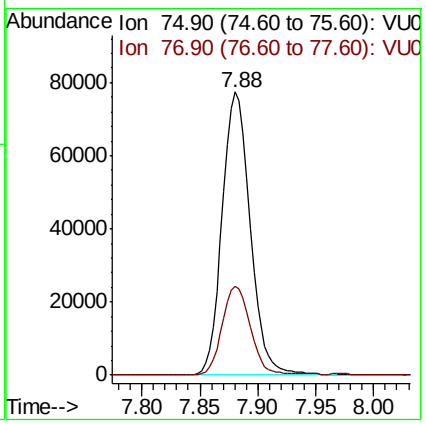


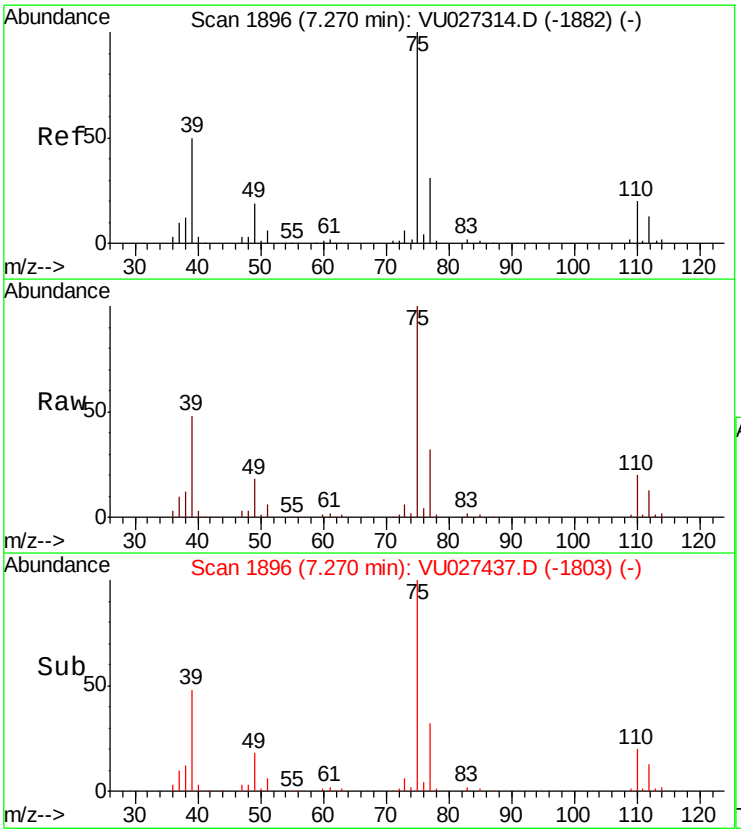

#53
t-1,3-Dichloropropene
Concen: 46.389 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion: 75 Resp: 129745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.5 | 25.0 | 37.6 |

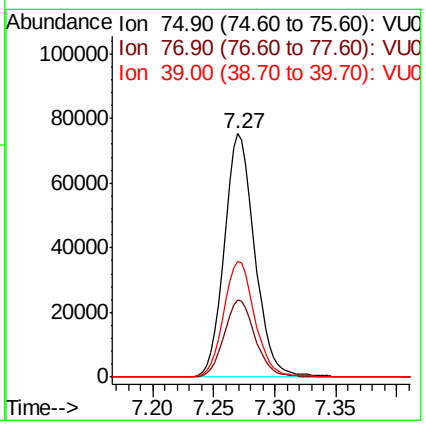


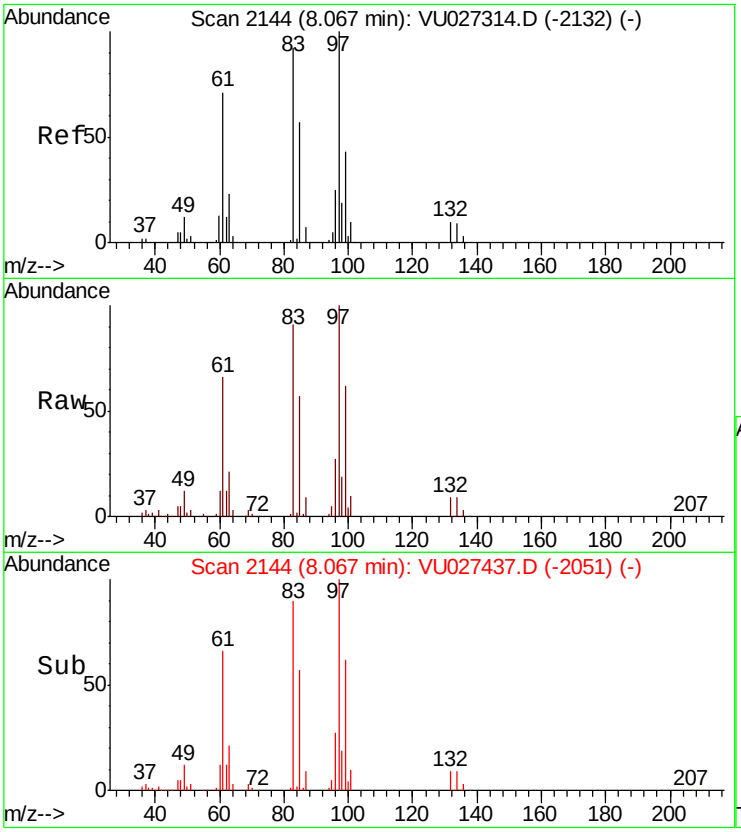




#54
cis-1,3-Dichloropropene
Concen: 43.717 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion: 75 Resp: 131444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.7 | 24.5 | 36.7 |
| 39 | 47.8 | 40.1 | 60.1 |



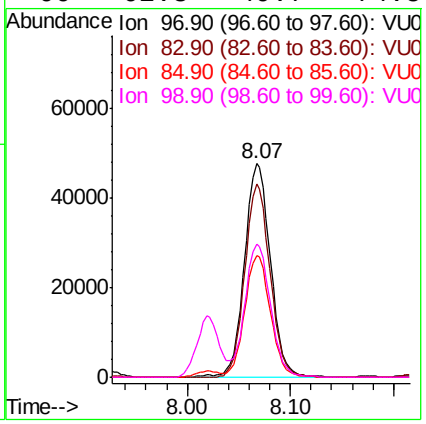


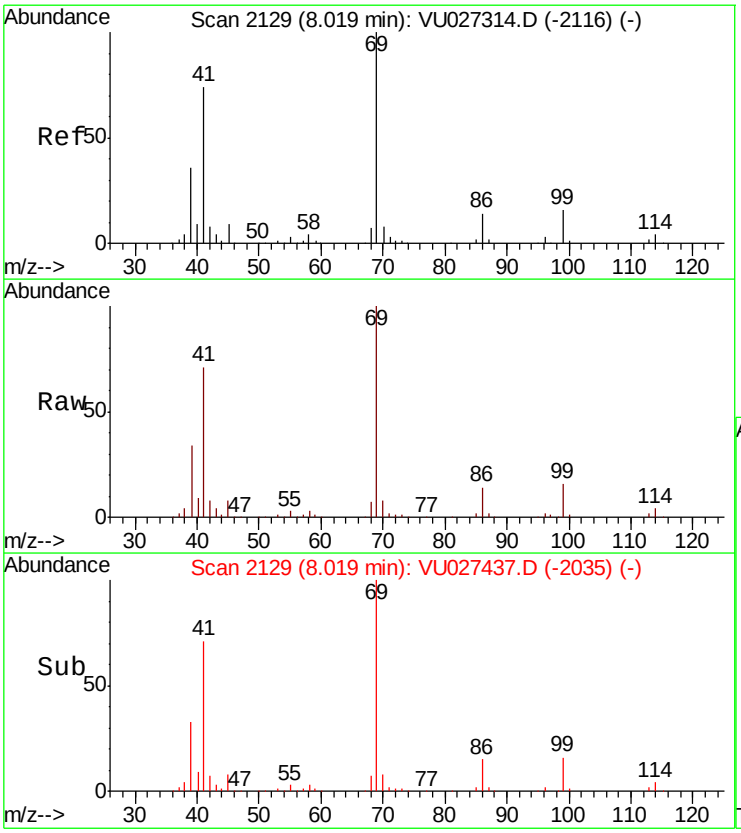

#55
1,1,2-Trichloroethane
Concen: 50.342 ug/l
RT: 8.07 min Scan# 2144
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion: 97 Resp: 83372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 90.5 | 73.0 | 109.6 |
| 85 | 56.9 | 47.3 | 70.9 |
| 99 | 62.3 | 49.7 | 74.5 |

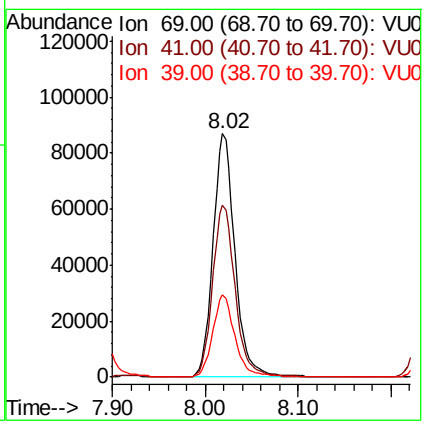


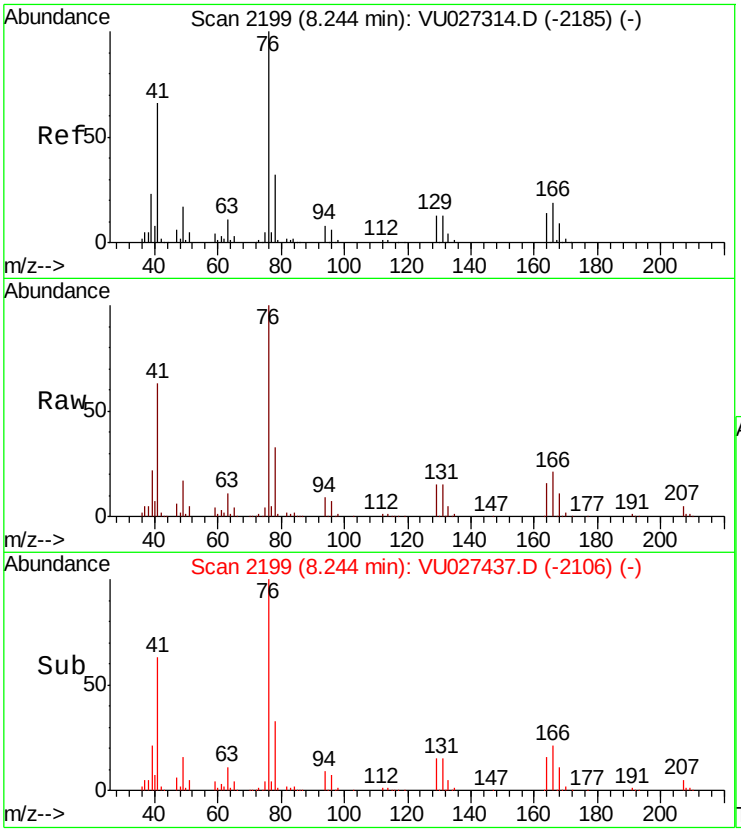




#56
Ethyl methacrylate
Concen: 45.276 ug/l
RT: 8.02 min Scan# 2129
Delta R.T. 0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion: 69 Resp: 142878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 72.9 | 60.0 | 90.0 |
| 39 | 33.8 | 29.5 | 44.3 |



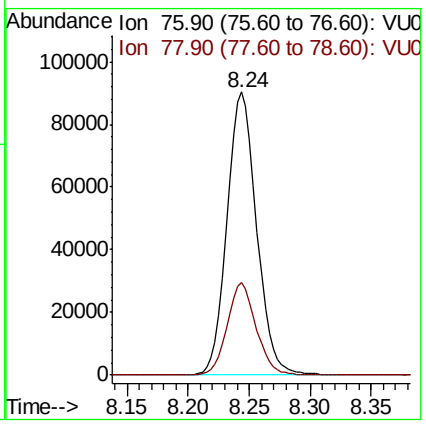


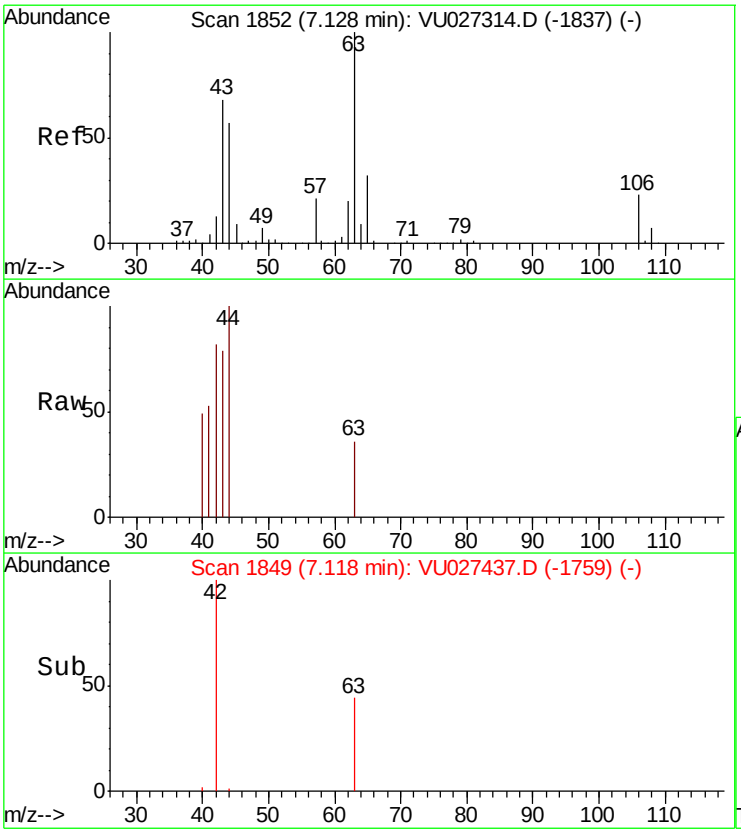

#57
1,3-Dichloropropane
Concen: 47.619 ug/l
RT: 8.24 min Scan# 2199
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion: 76 Resp: 153093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 31.9 | 25.8 | 38.6 |

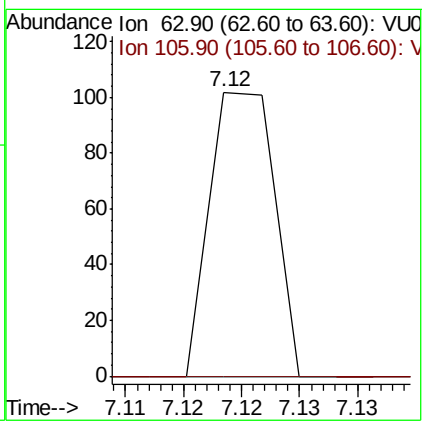


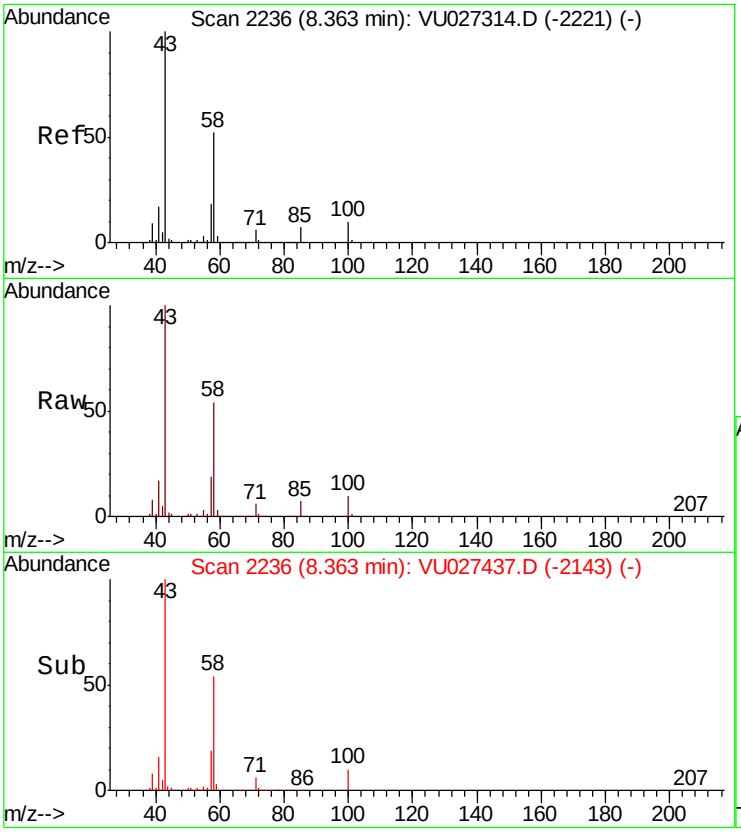




#58
2-Chloroethyl Vinyl ether
Concen: 8.252 ug/l
RT: 7.12 min Scan# 1849
Delta R.T. -0.01 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion: 63 Resp: 39

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 0.0 | 18.5 | 27.7# |



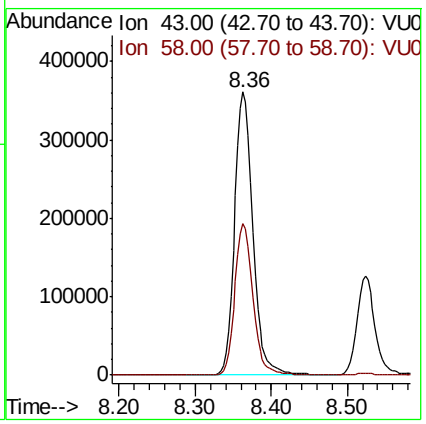


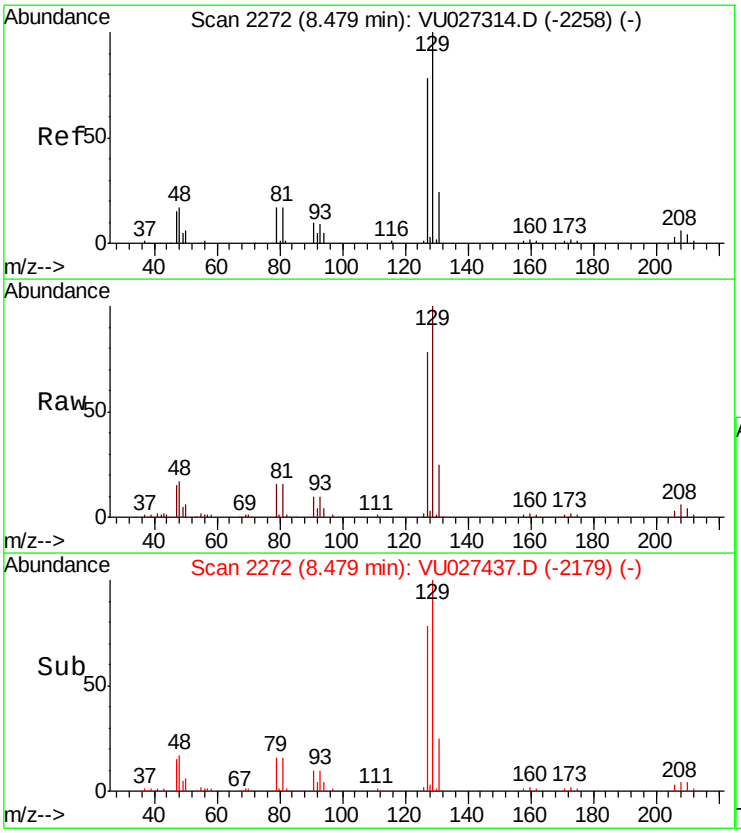

#59
2-Hexanone
Concen: 245.321 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion: 43 Resp: 601349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 53.1 | 26.1 | 78.3 |

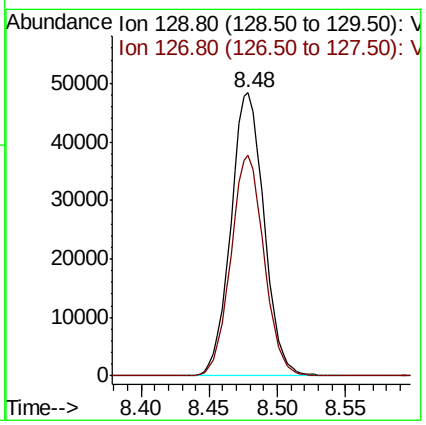


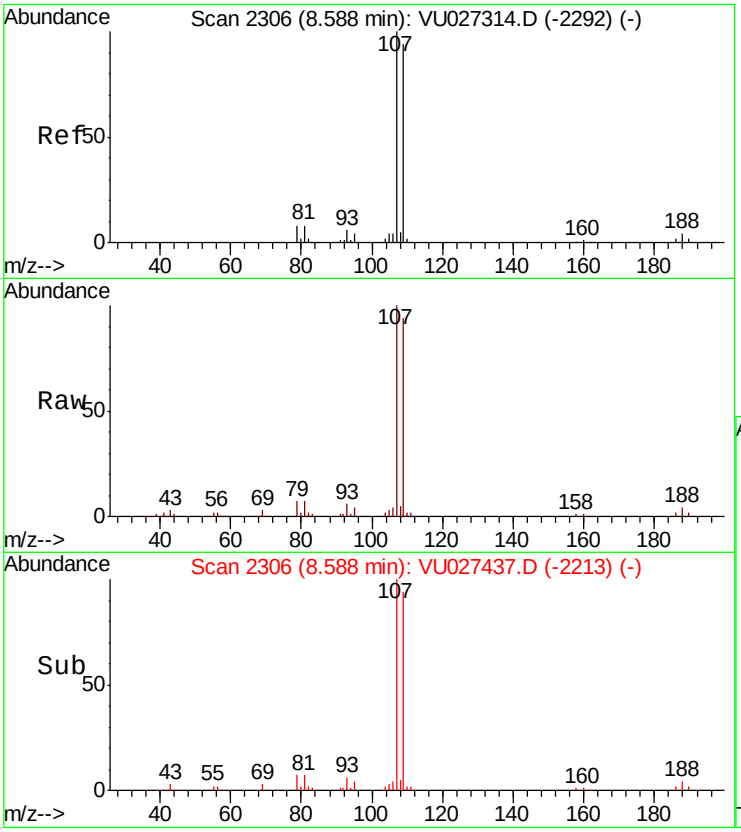




#60
Dibromochloromethane
Concen: 49.361 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion:129 Resp: 81988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.5 | 39.1 | 117.2 |



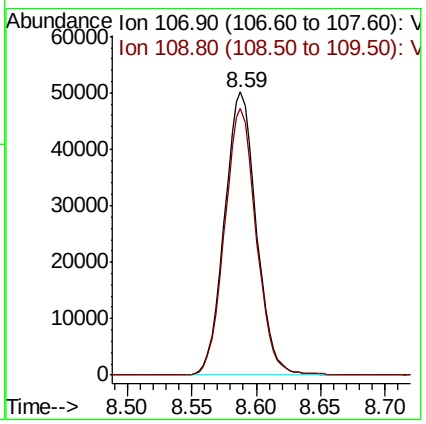


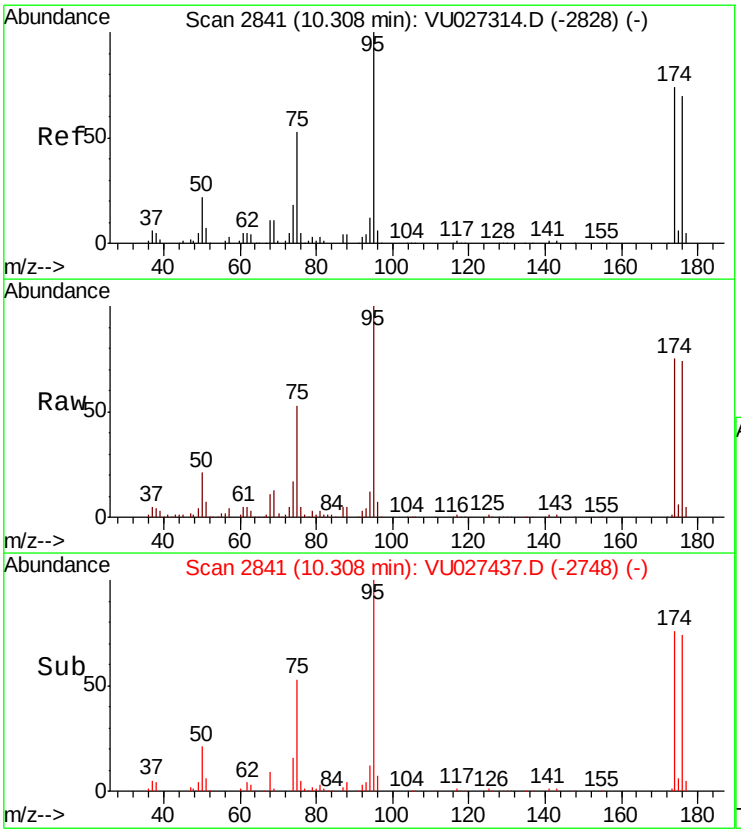

#61
1,2-Dibromoethane
Concen: 48.717 ug/l
RT: 8.59 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion:107 Resp: 85783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 93.8 | 74.5 | 111.7 |

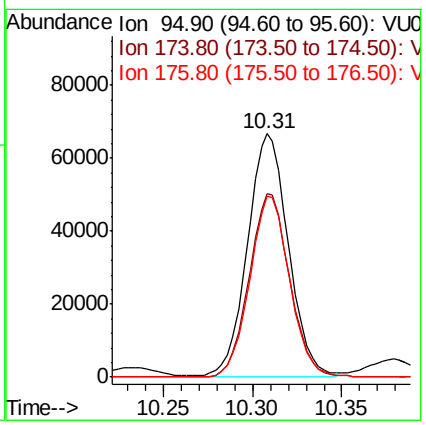


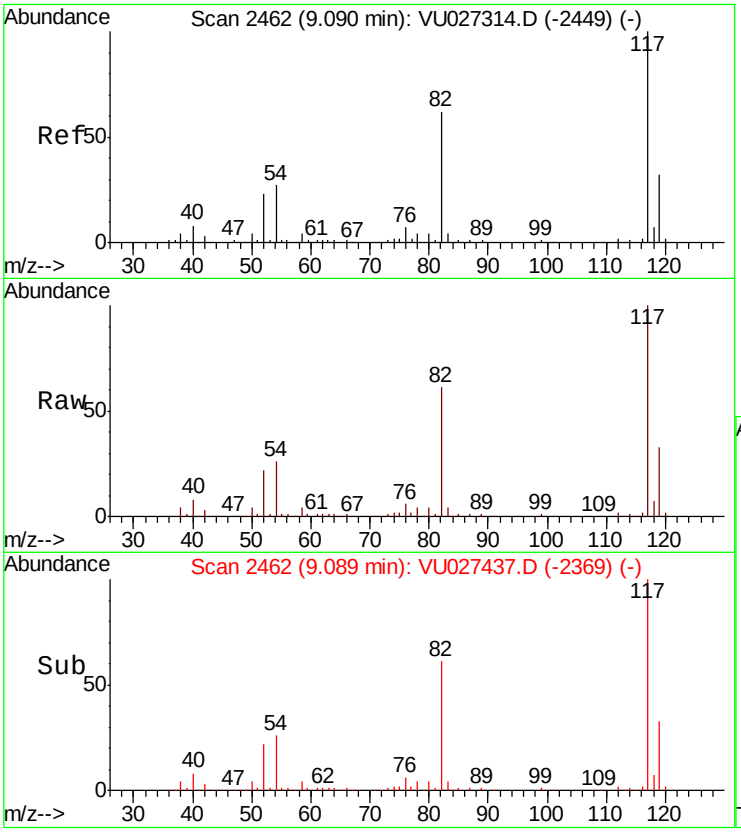




#62
4-Bromofluorobenzene
Concen: 50.101 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion: 95 Resp: 106565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 74.8 | 0.0 | 147.8 |
| 176 | 72.8 | 0.0 | 140.8 |



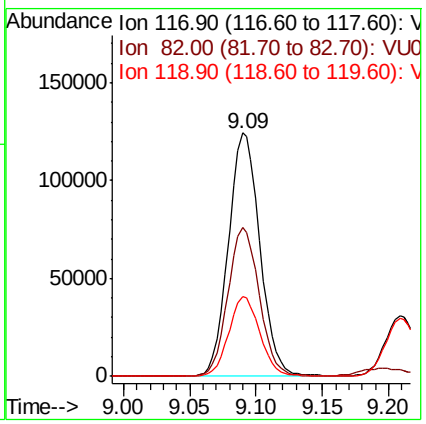


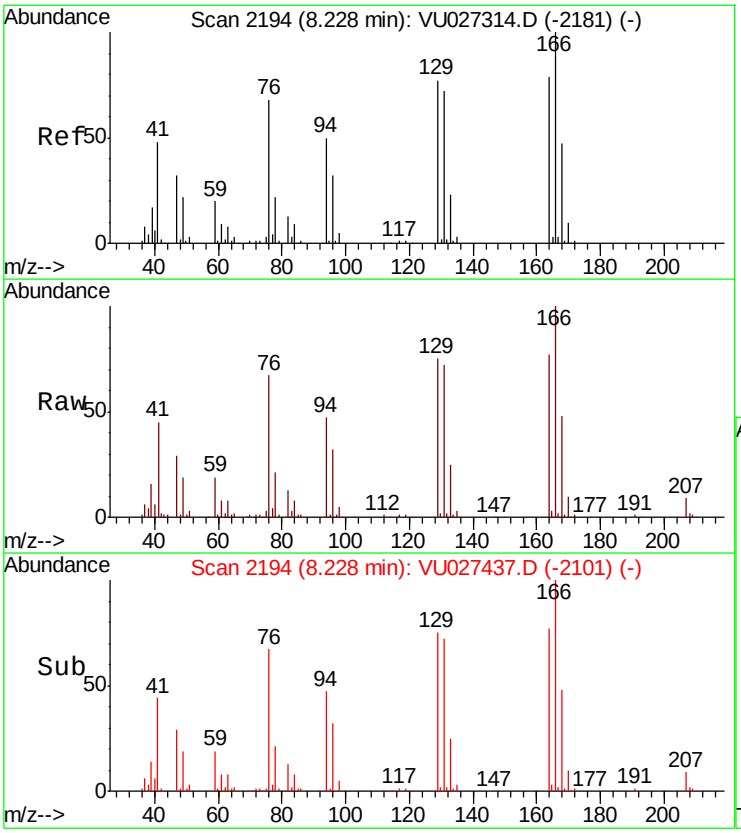

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :** MSVOA_U
**ClientSampleId :** EP-MW-H-092718MSD

Tgt Ion:117 Resp: 205152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 61.0 | 49.2 | 73.8 |
| 119 | 32.6 | 25.7 | 38.5 |

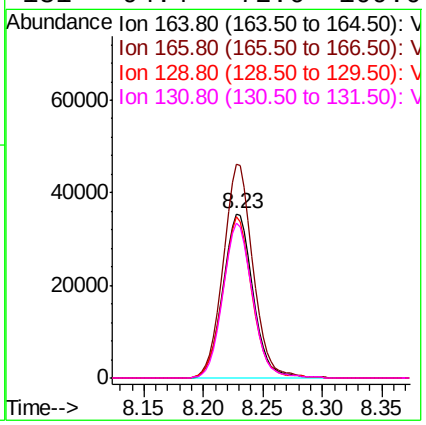


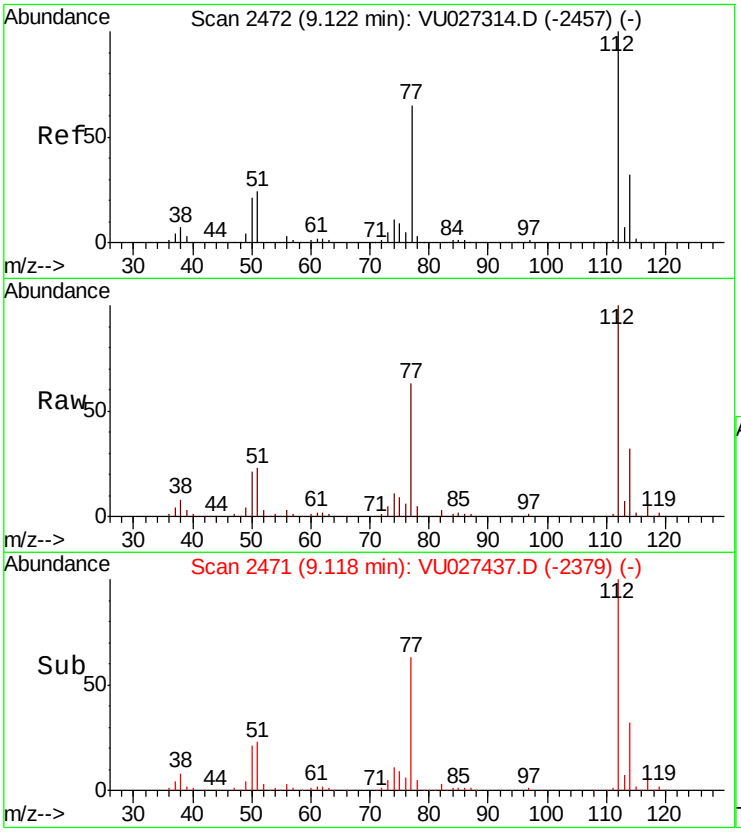




#64
Tetrachloroethene
Concen: 48.649 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion:164 Resp: 62130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 130.3 | 101.0 | 151.6 |
| 129 | 98.2 | 78.0 | 117.0 |
| 131 | 94.4 | 72.6 | 109.0 |



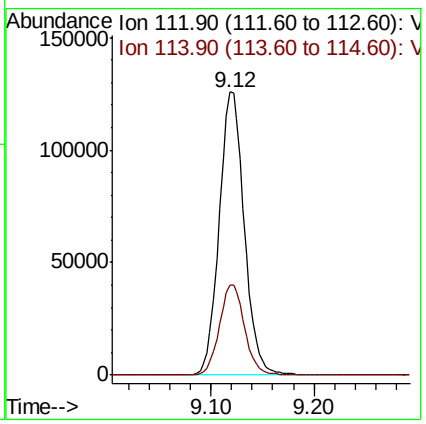


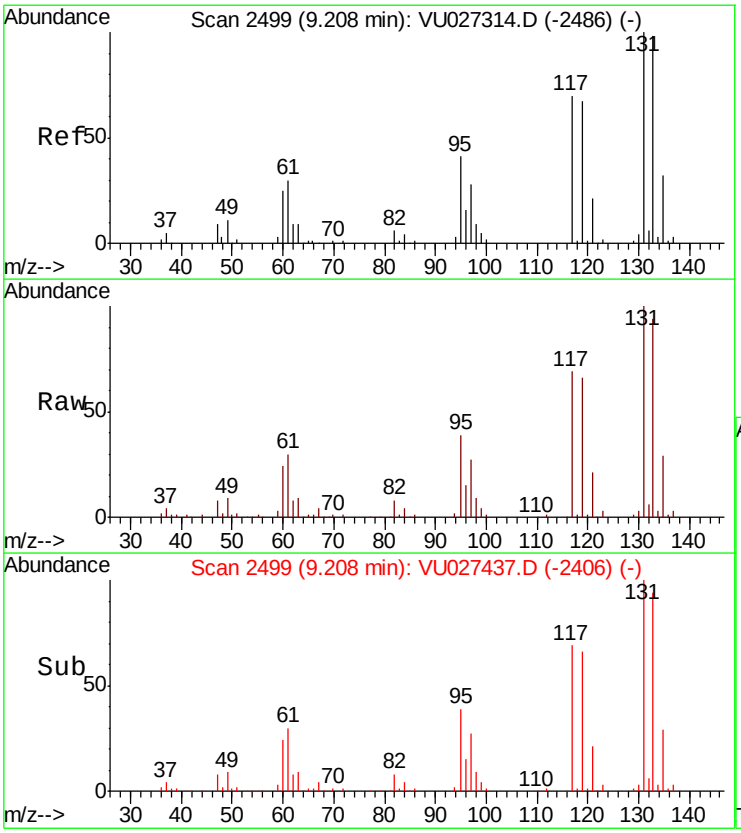

#65
Chlorobenzene
Concen: 49.298 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion:112 Resp: 212883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.7 | 25.8 | 38.6 |

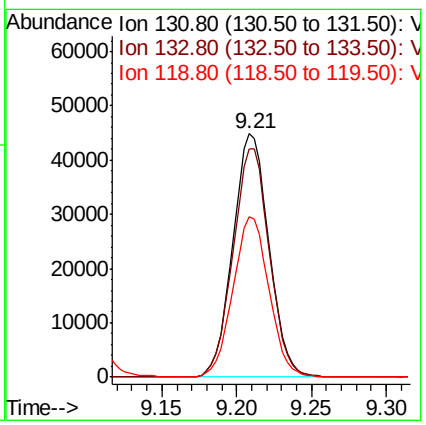


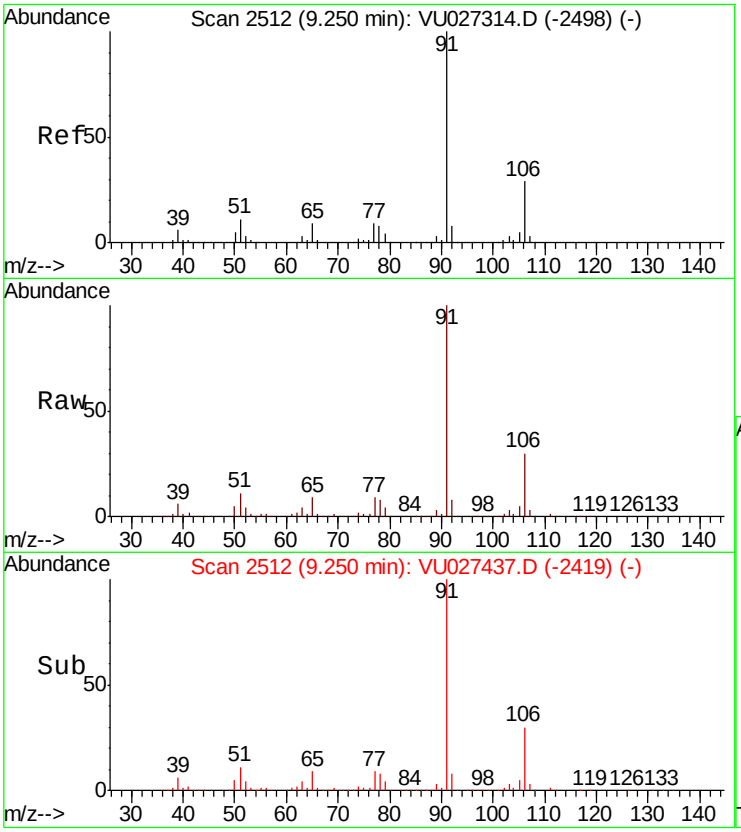




#66
1,1,1,2-Tetrachloroethane
Concen: 50.481 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion:131 Resp: 75255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 94.8 | 48.5 | 145.6 |
| 119 | 65.8 | 33.5 | 100.4 |



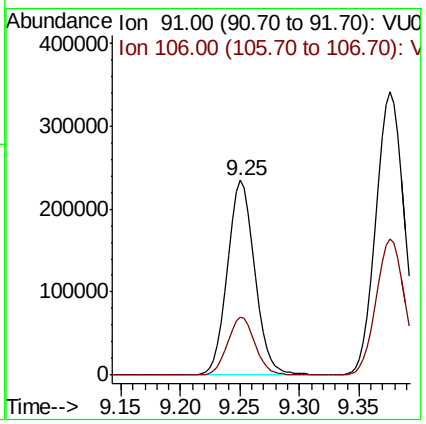


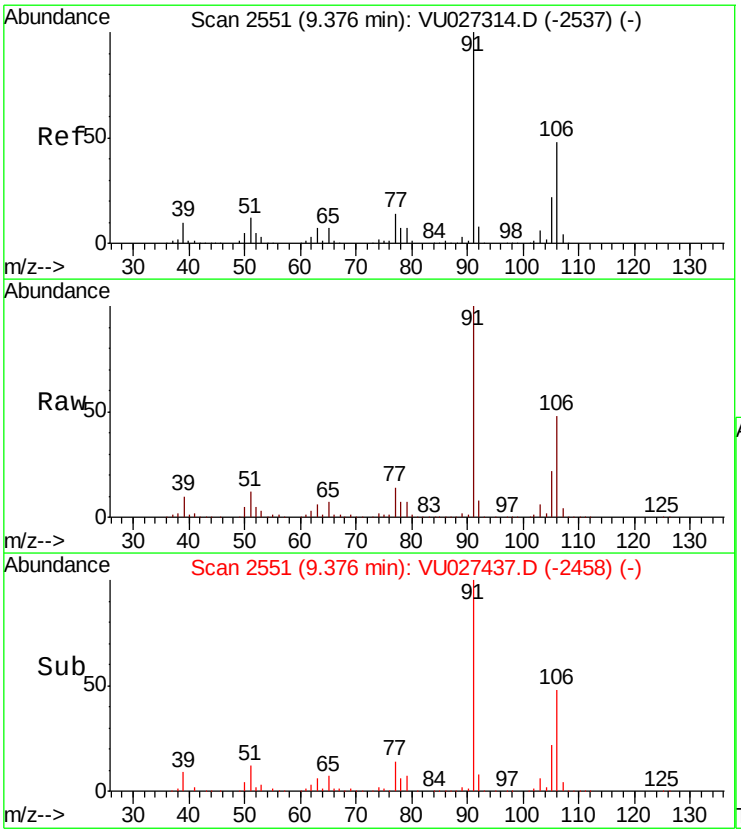

#67
Ethyl Benzene
Concen: 48.964 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion: 91 Resp: 374616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 29.8 | 23.6 | 35.4 |

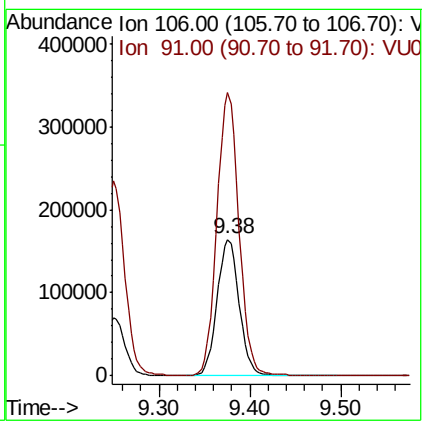


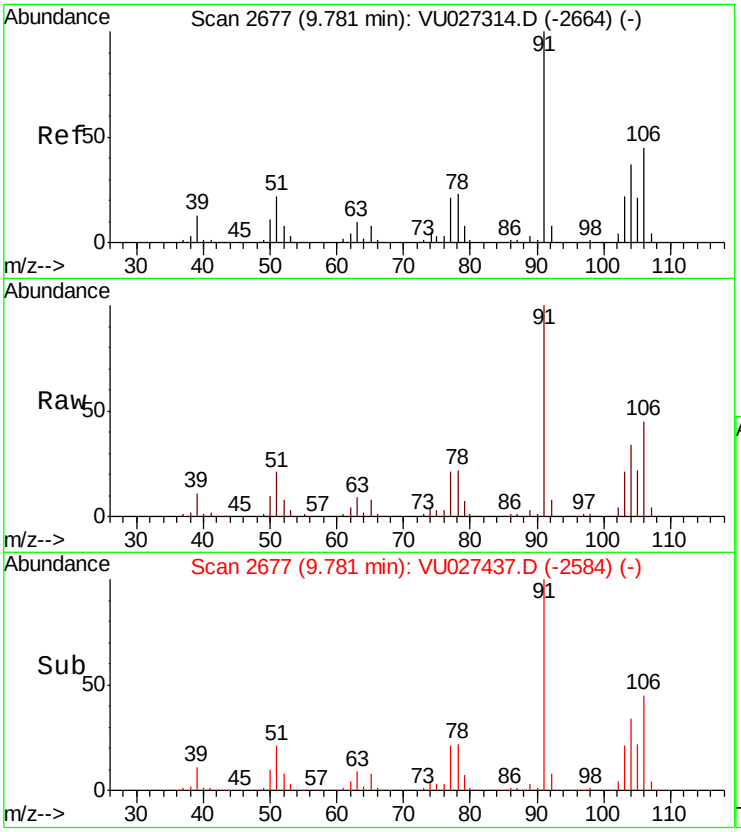




#68
m/p-Xylenes
Concen: 99.074 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion:106 Resp: 277263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 207.1 | 168.1 | 252.1 |



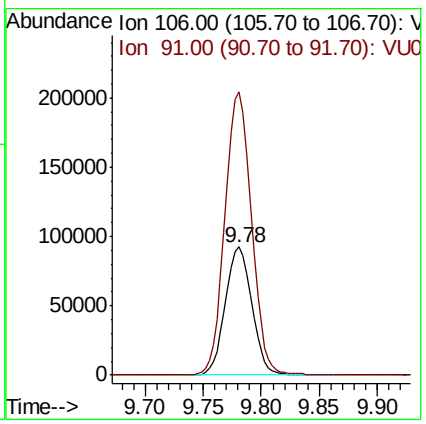


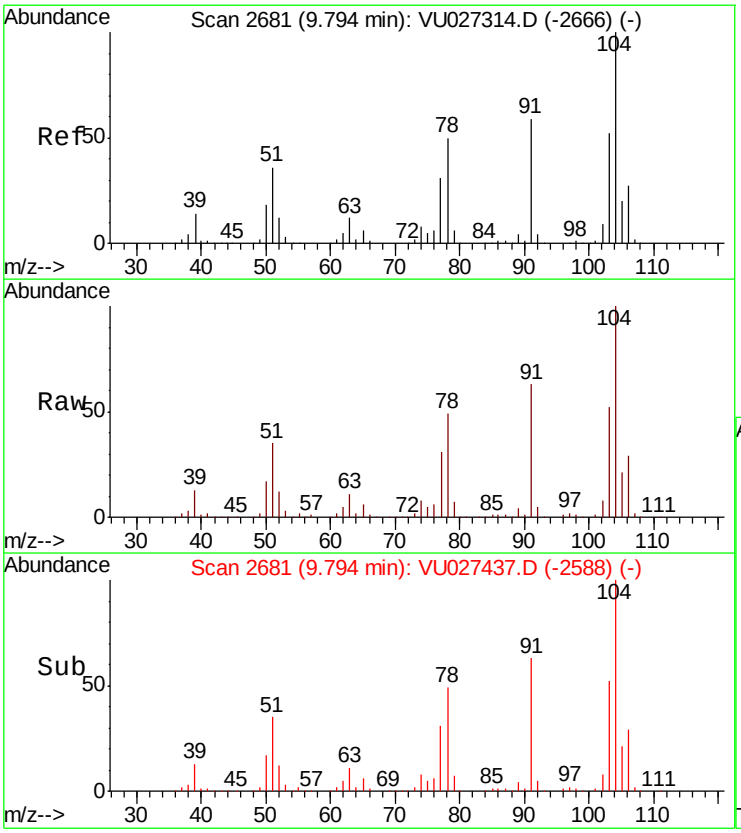

#69
o-Xylene
Concen: 54.899 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion:106 Resp: 146000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 220.9 | 111.7 | 334.9 |

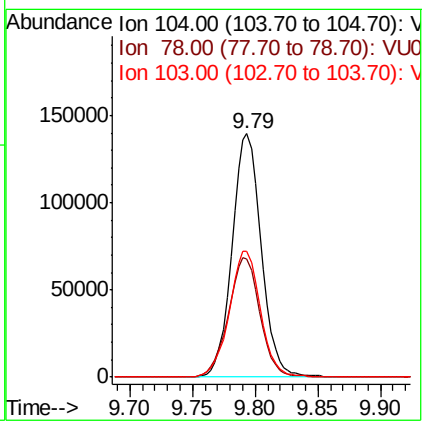


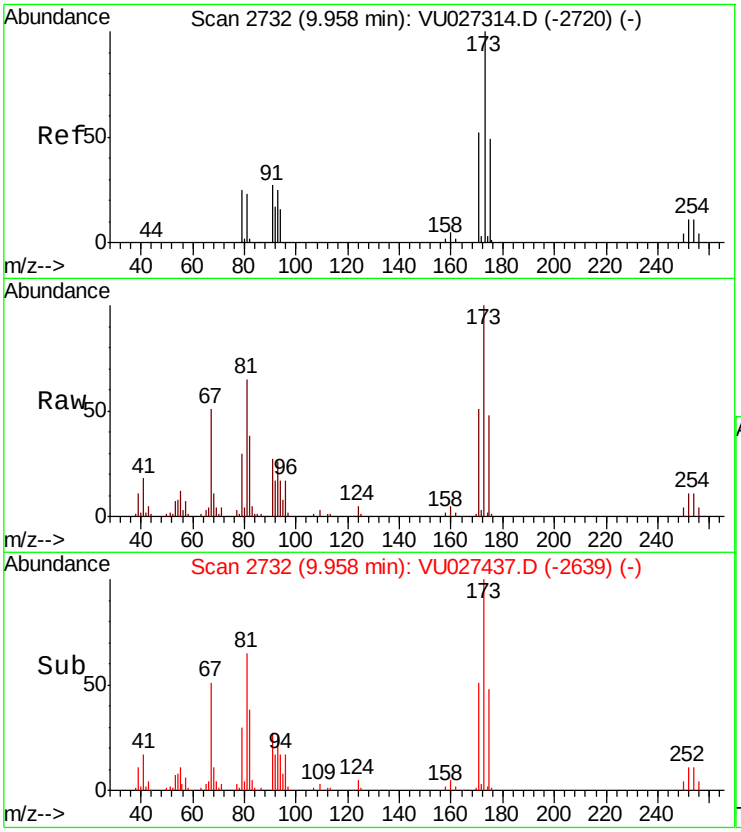




#70
Styrene
Concen: 45.568 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion:104 Resp: 225466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 53.3 | 42.9 | 64.3 |
| 103 | 55.4 | 43.9 | 65.9 |



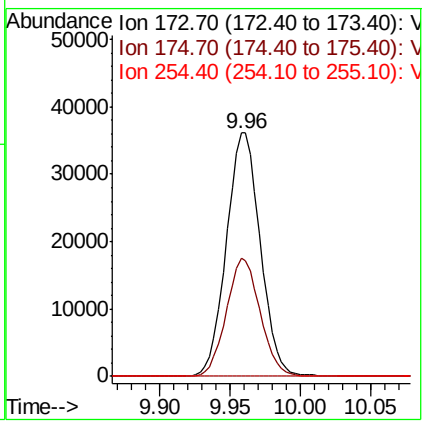


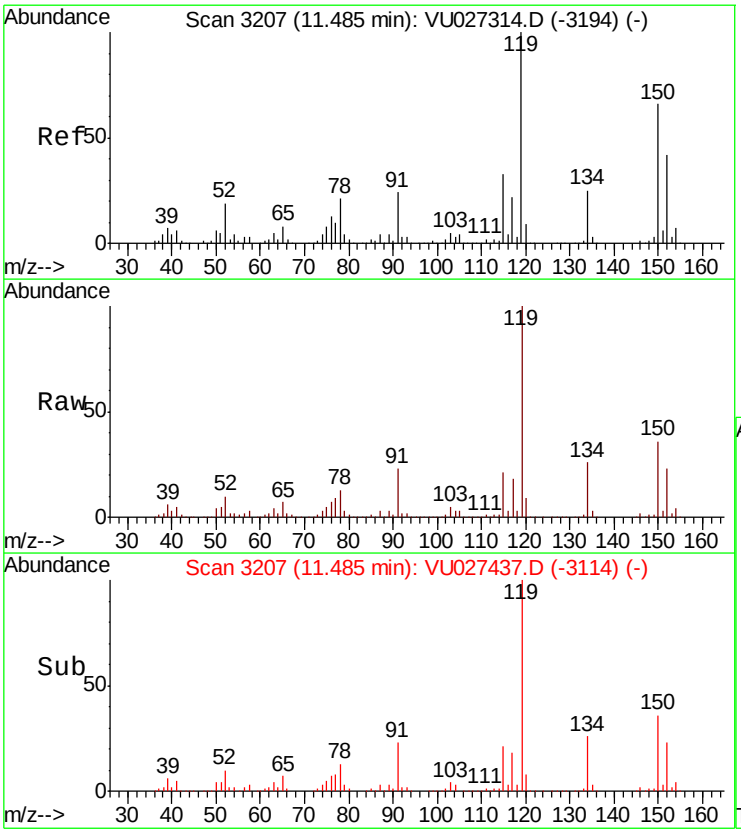

#71
Bromoform
Concen: 50.657 ug/l
RT: 9.96 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion:173 Resp: 60758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.1 | 24.3 | 73.0 |
| 254 | 0.0 | 0.0 | 0.0 |

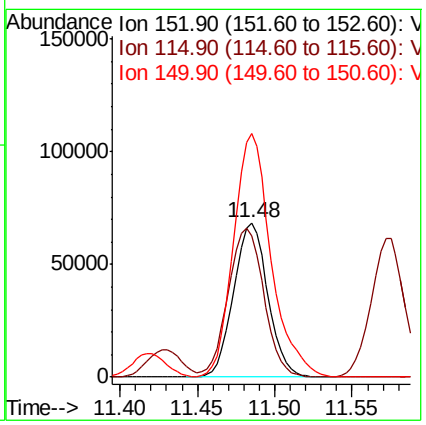


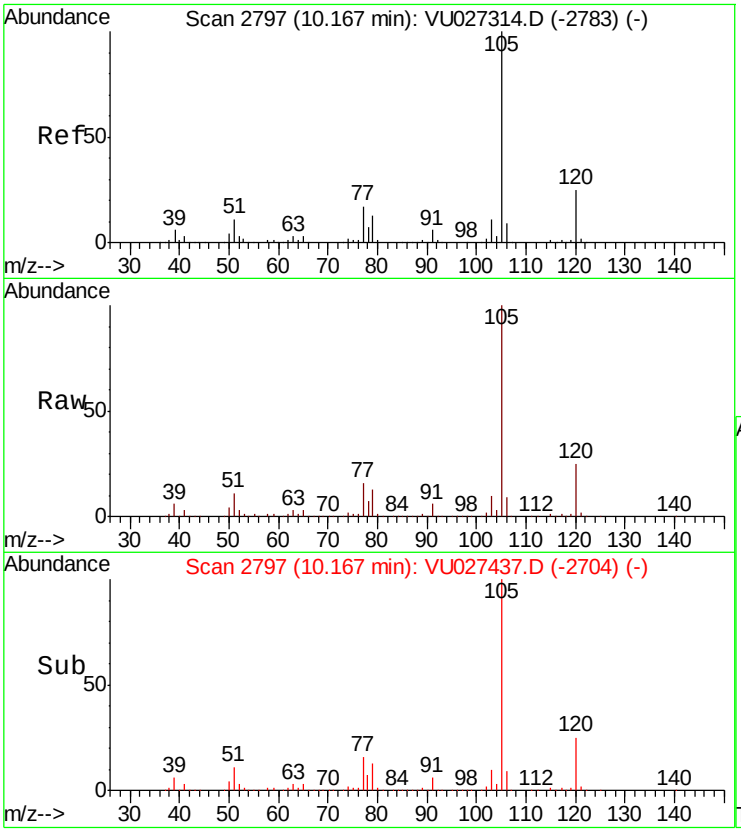




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion:152 Resp: 104848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 100.9 | 43.4 | 130.2 |
| 150 | 173.5 | 0.0 | 349.2 |



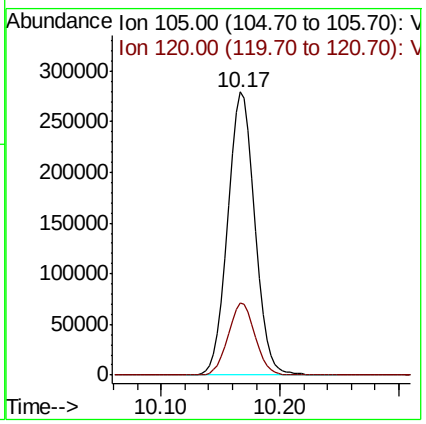


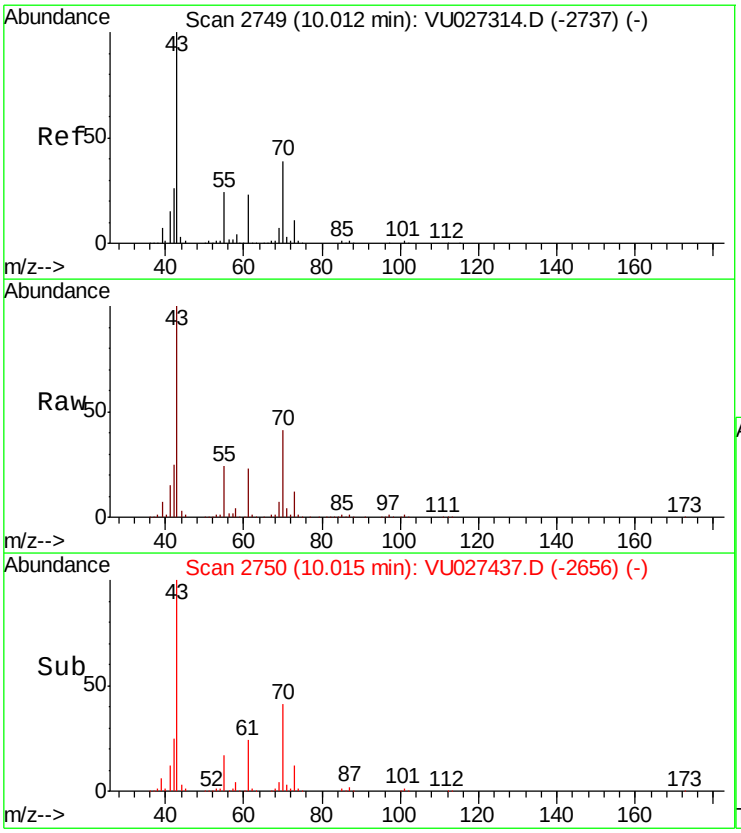

#73
Isopropylbenzene
Concen: 57.857 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion:105 Resp: 440581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.3 | 12.6 | 37.8 |

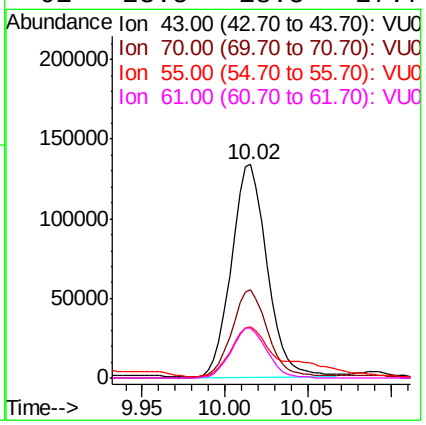


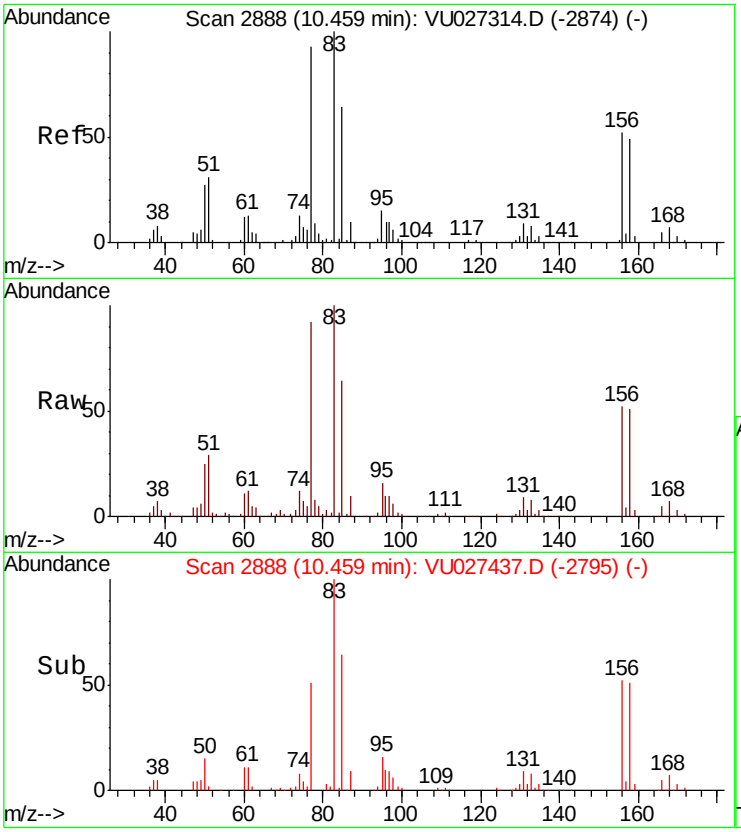




#74
N-amyl acetate
Concen: 46.389 ug/l
RT: 10.02 min Scan# 2750
Delta R.T. 0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion: 43 Resp: 202228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 41.7 | 31.3 | 46.9 |
| 55 | 33.2 | 19.0 | 28.6# |
| 61 | 23.5 | 18.5 | 27.7 |



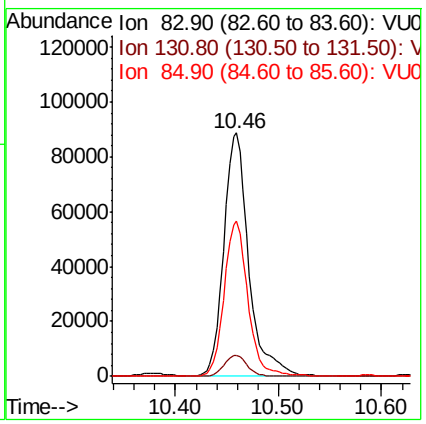


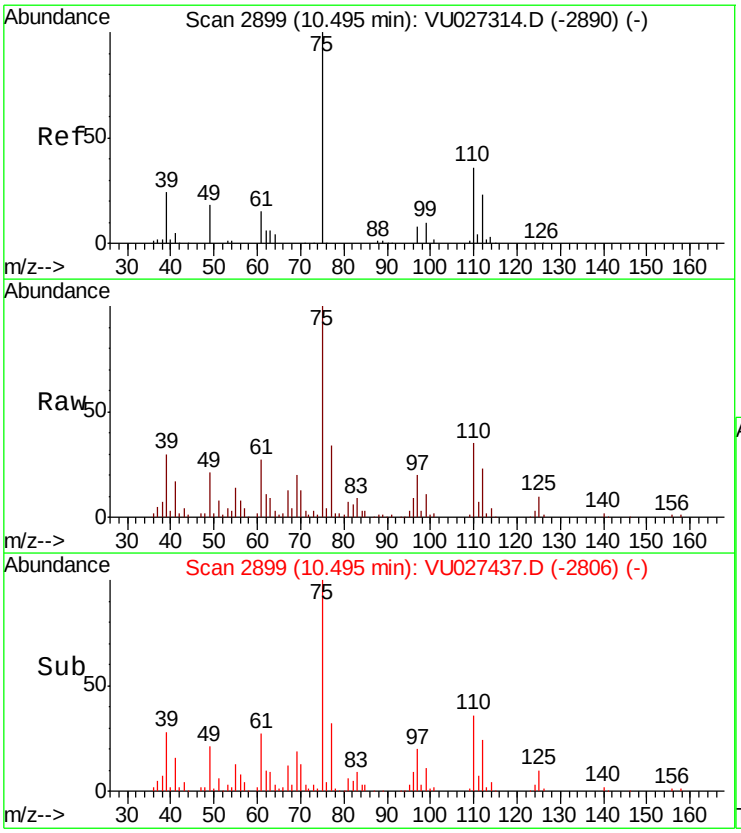

#75
1,1,2,2-Tetrachloroethane
Concen: 49.616 ug/l
RT: 10.46 min Scan# 2888
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion: 83 Resp: 148354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 8.0 | 4.4 | 13.2 |
| 85 | 61.4 | 32.0 | 96.0 |

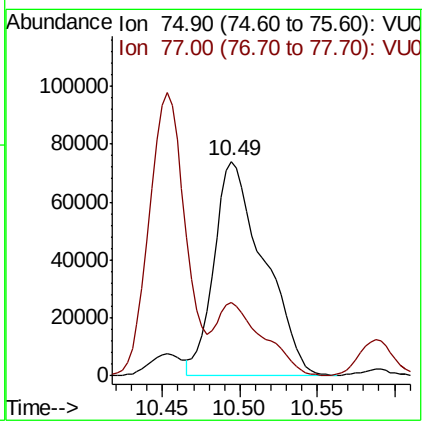


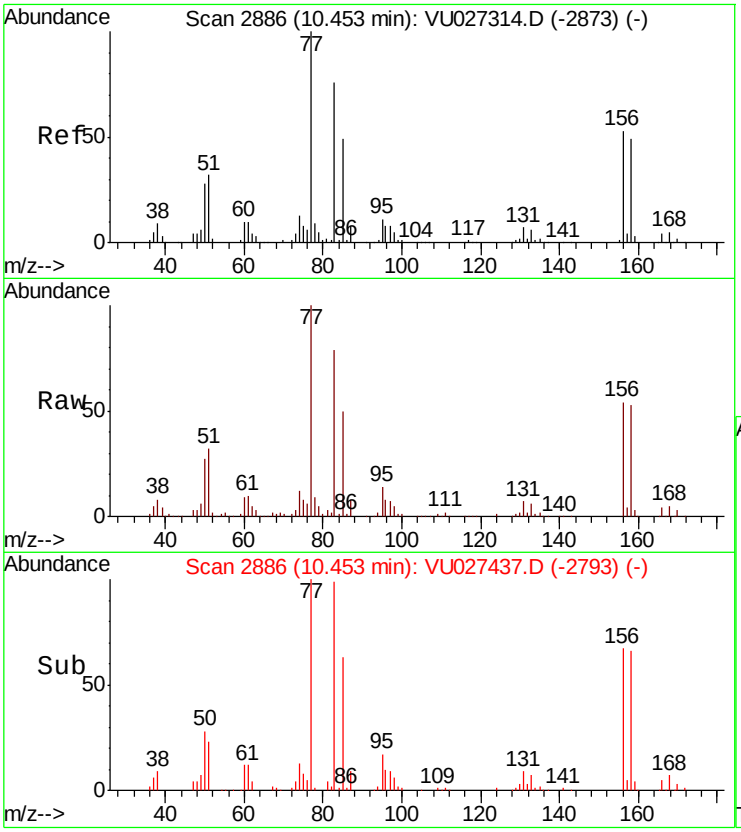




#76
1,2,3-Trichloropropane
Concen: 60.748 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion: 75 Resp: 165106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.1 | 20.3 | 60.9 |



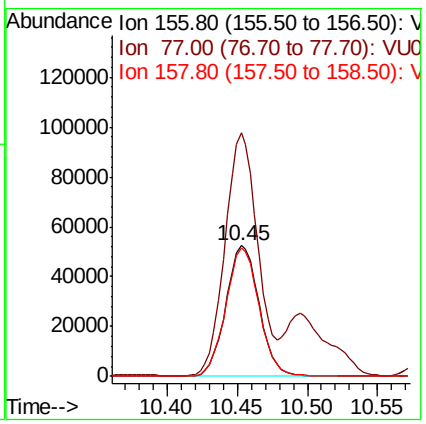


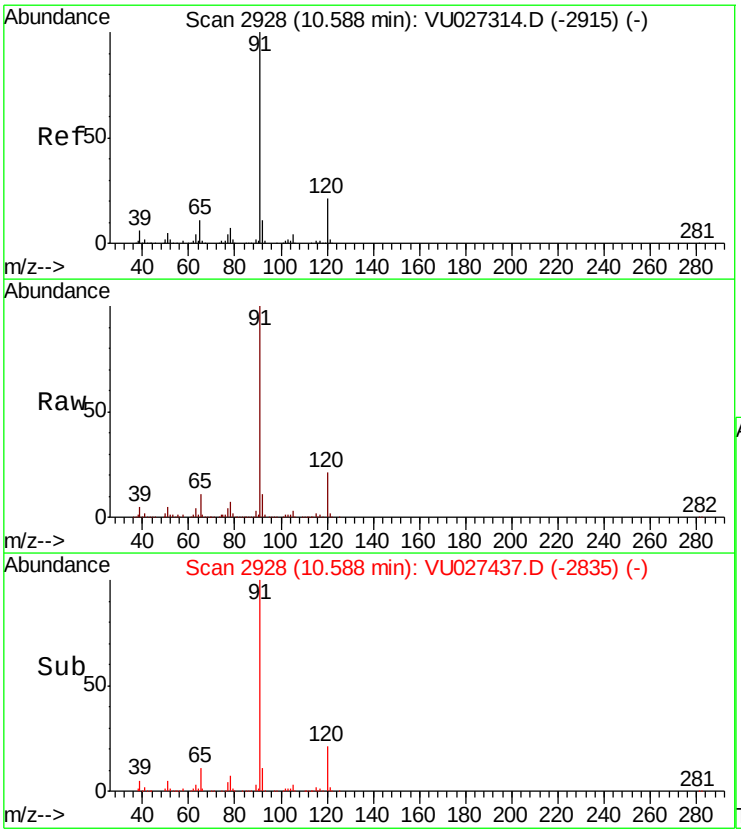

#77
Bromobenzene
Concen: 48.870 ug/l
RT: 10.45 min Scan# 2886
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion:156 Resp: 86487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 183.0 | 94.8 | 284.4 |
| 158 | 98.5 | 47.4 | 142.3 |

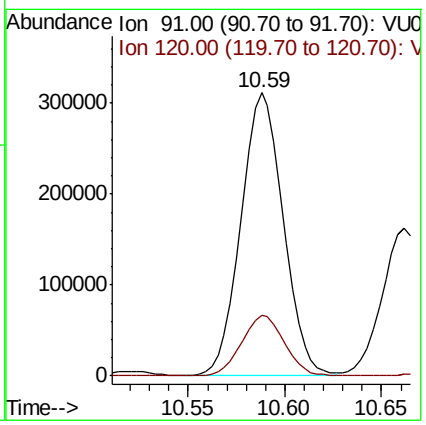


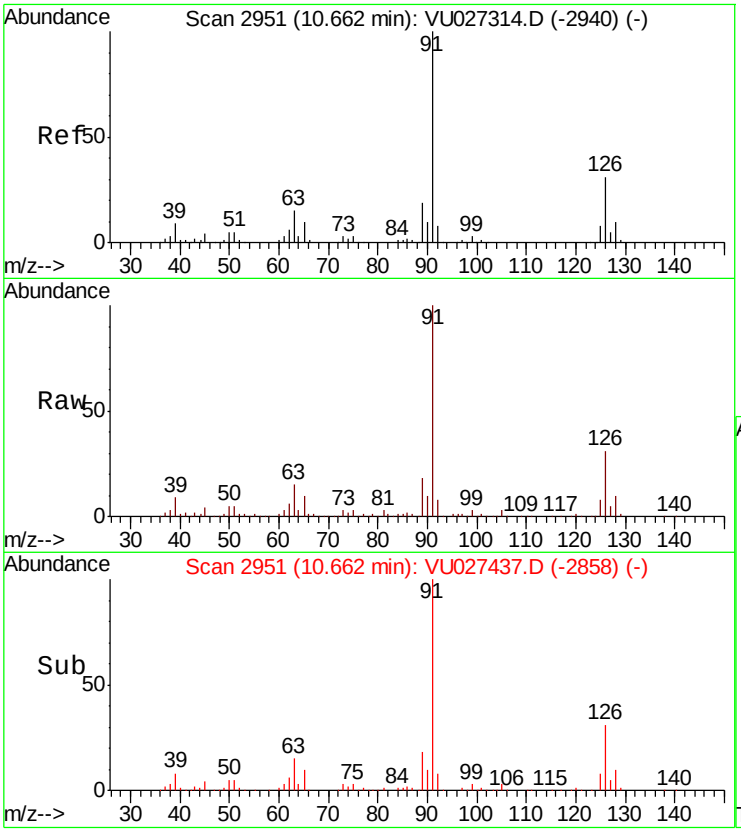




#78
n-propylbenzene
Concen: 51.789 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion: 91 Resp: 473889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 21.6 | 10.6 | 31.8 |



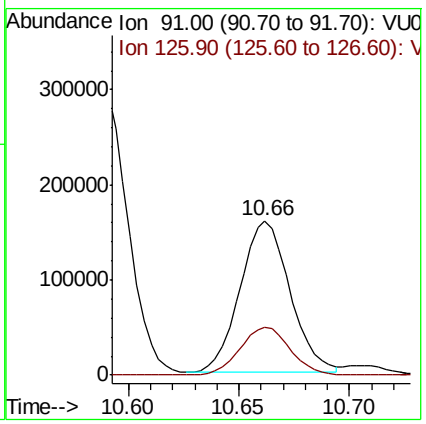


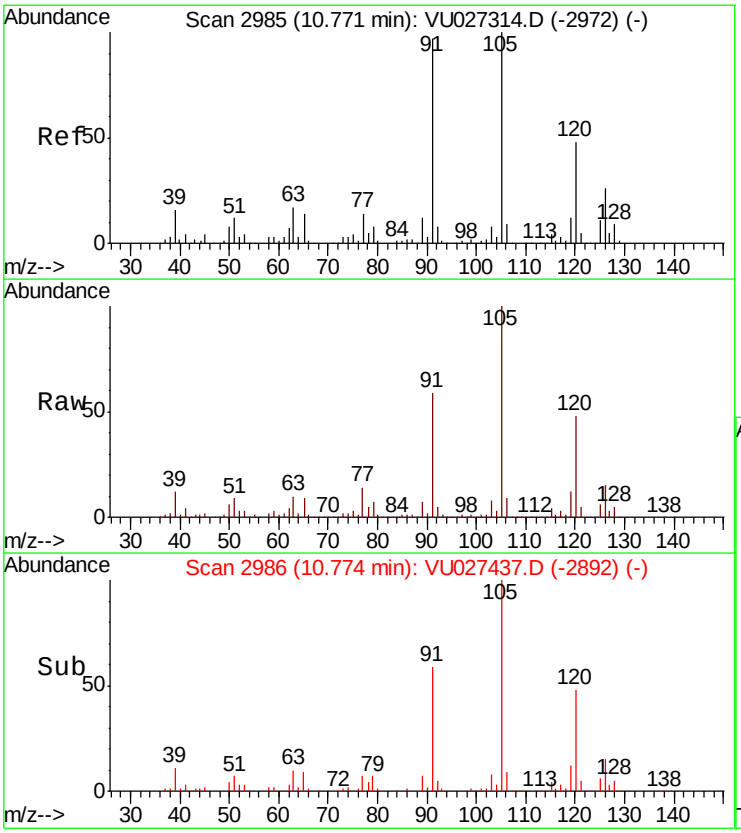

#79
2-Chlorotoluene
Concen: 45.304 ug/l
RT: 10.66 min Scan# 2951
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion: 91 Resp: 250296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 32.3 | 15.7 | 47.1 |

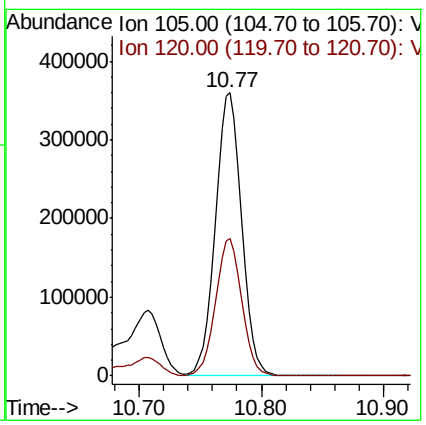


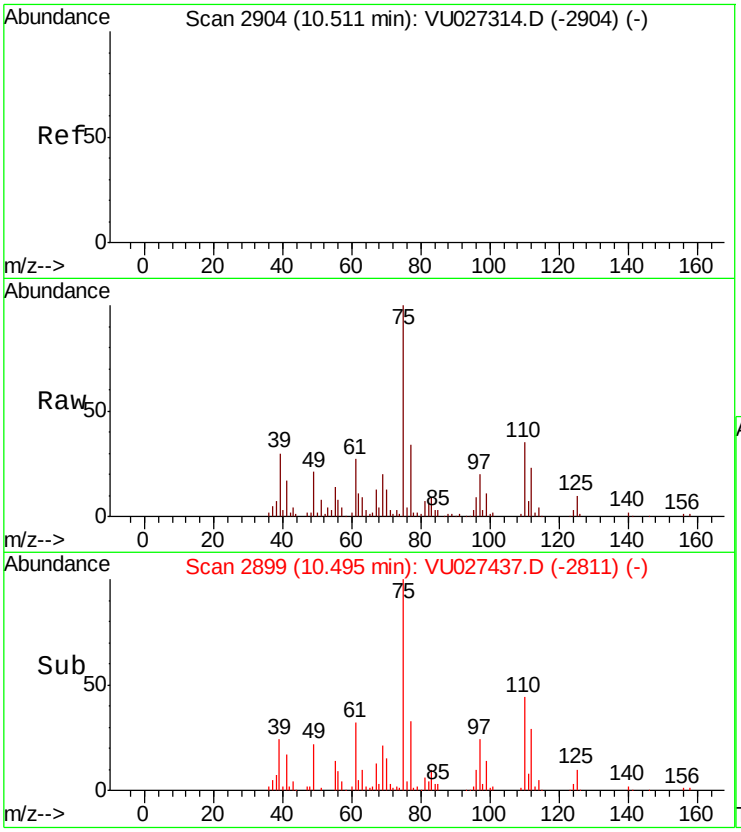




#80
1,3,5-Trimethylbenzene
Concen: 87.954 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion:105 Resp: 545289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.3 | 24.1 | 72.4 |



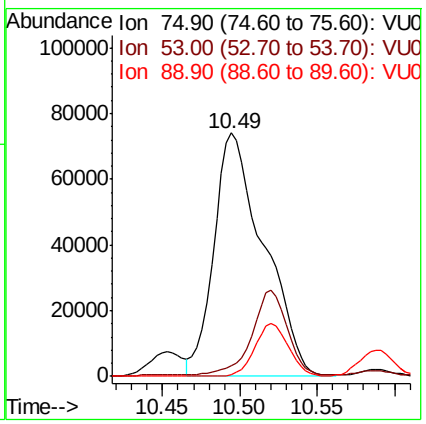


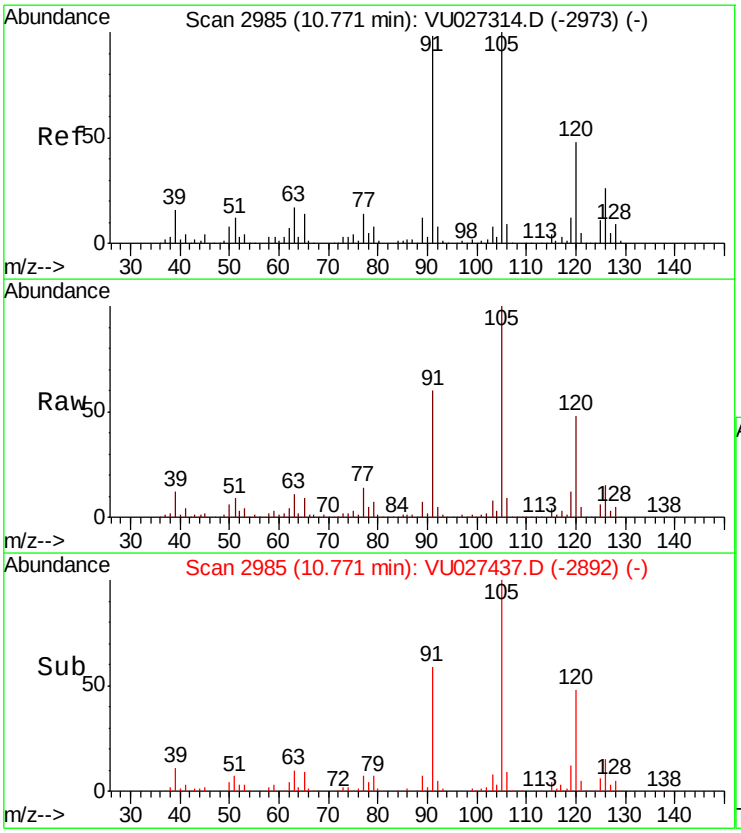

#81
trans-1,4-Dichloro-2-butene
Concen: 158.983 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion: 75 Resp: 165106

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

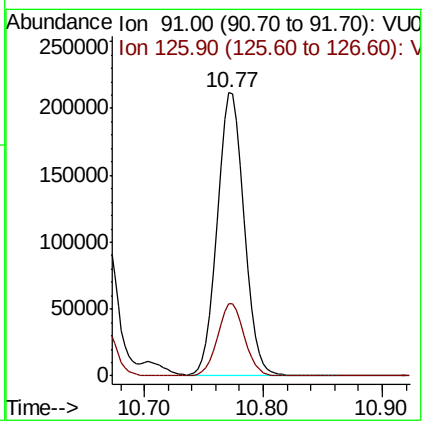


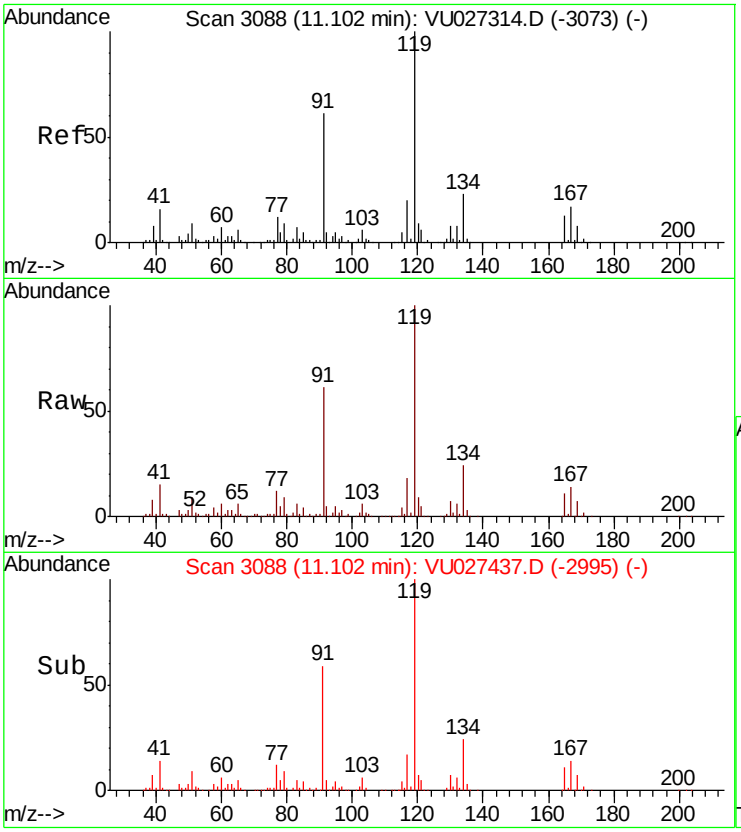




#82
4-Chlorotoluene
Concen: 52.749 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion: 91 Resp: 330718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 25.7 | 13.6 | 40.8 |



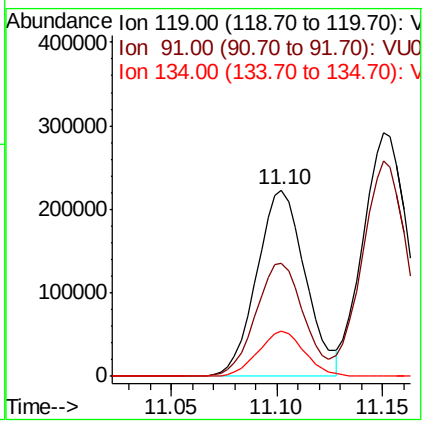


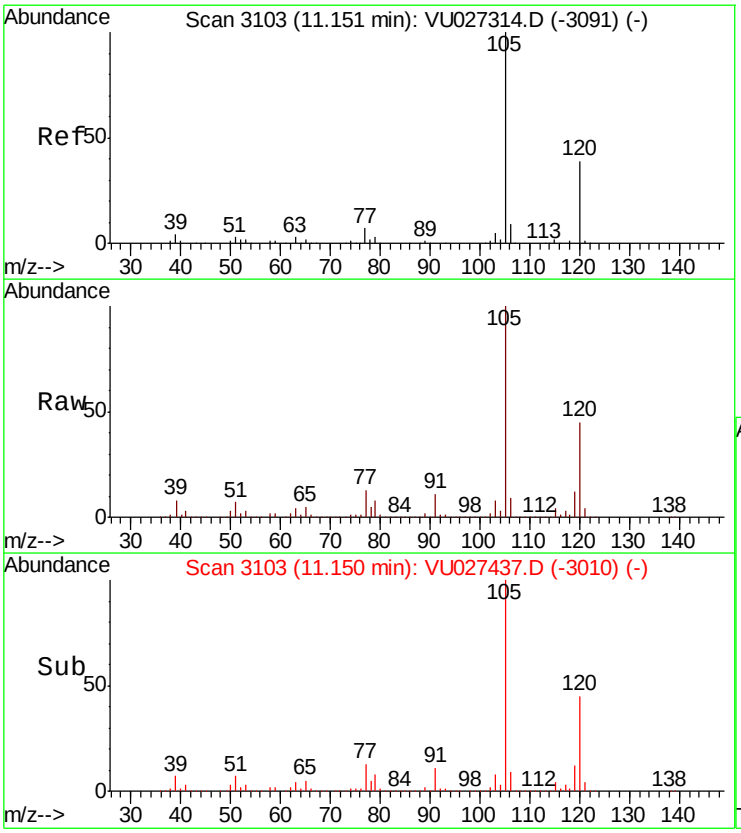

#83
tert-Butylbenzene
Concen: 59.749 ug/l
RT: 11.10 min Scan# 3088
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion:119 Resp: 358105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 59.8 | 30.3 | 91.0 |
| 134 | 23.3 | 11.5 | 34.4 |

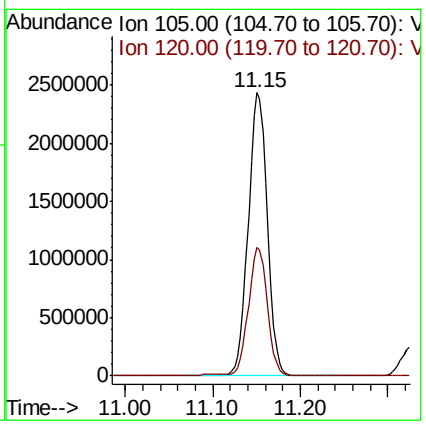


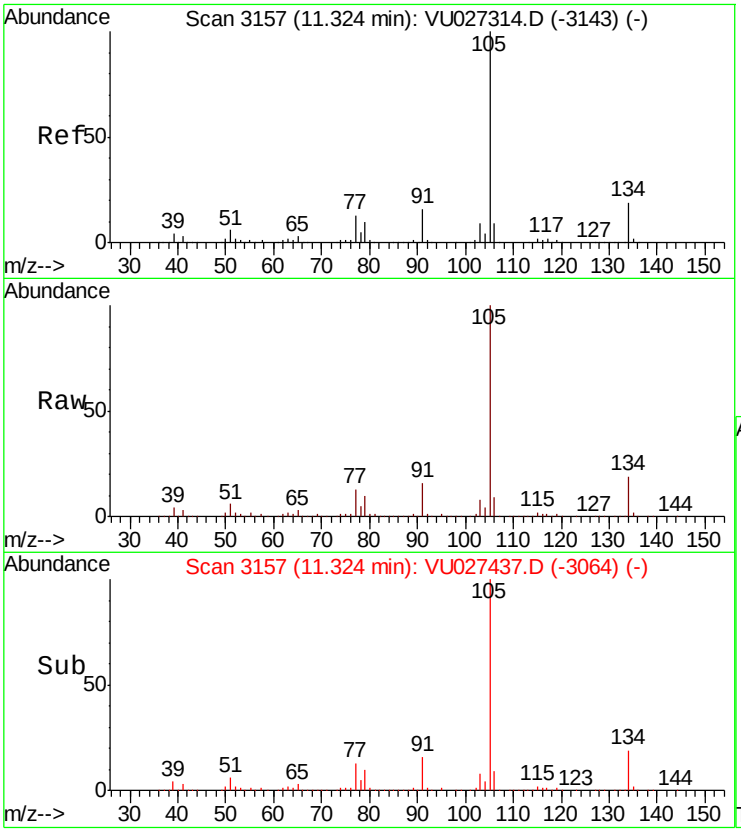




#84
1,2,4-Trimethylbenzene
Concen: 578.722 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion:105 Resp: 3665037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 45.0 | 22.1 | 66.5 |



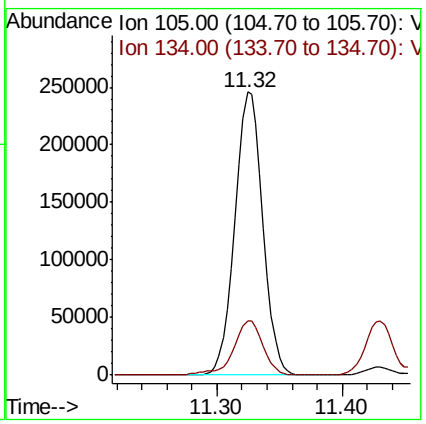


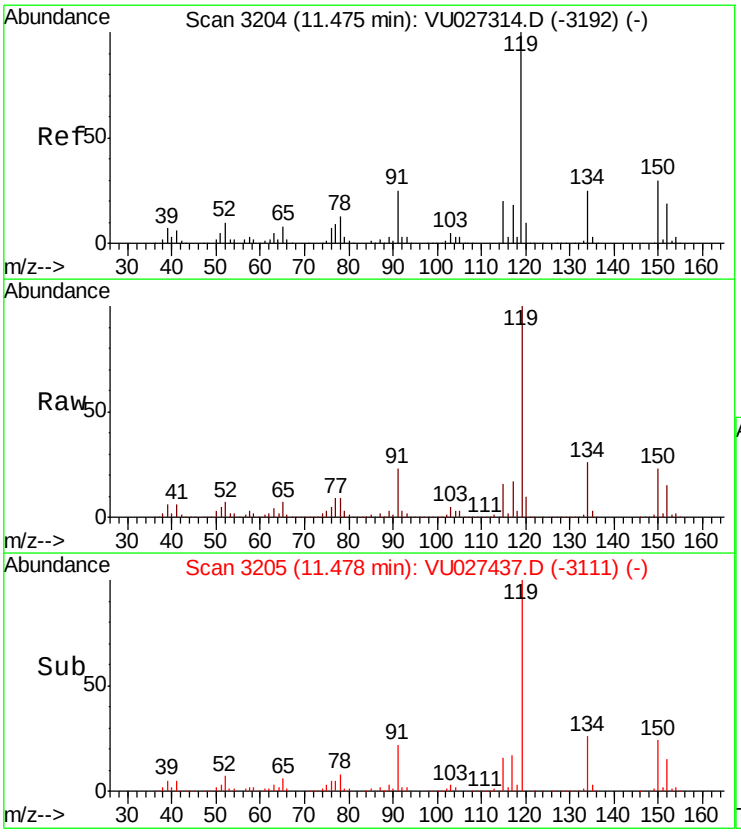

#85
sec-Butylbenzene
Concen: 50.052 ug/l
RT: 11.32 min Scan# 3157
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion:105 Resp: 377978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.4 | 9.6 | 28.6 |

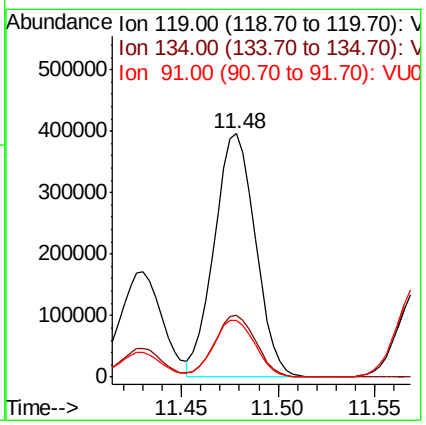


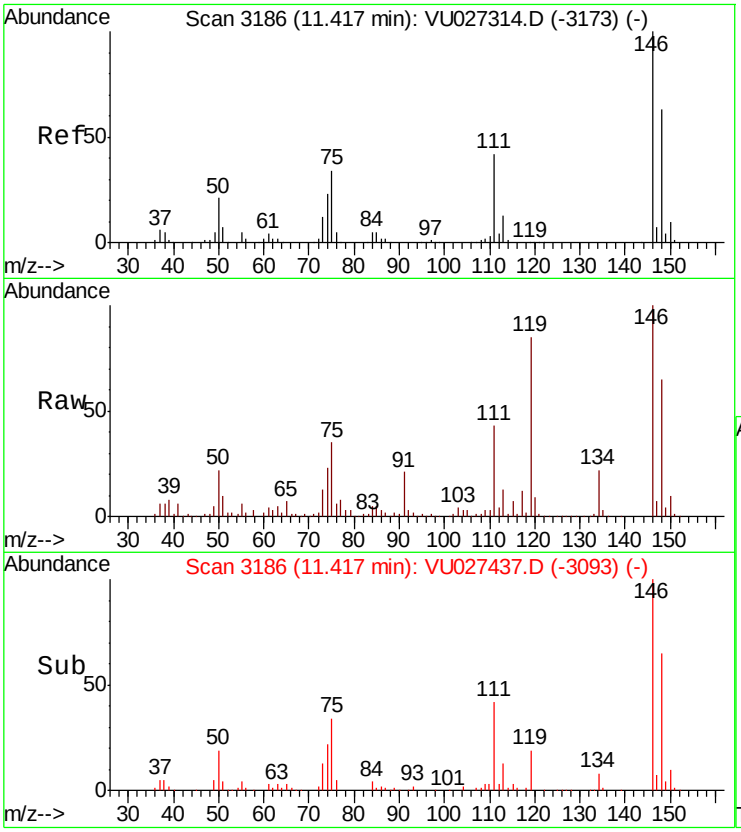




#86
p-Isopropyltoluene
Concen: 90.986 ug/l
RT: 11.48 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion:119 Resp: 588297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.5 | 12.7 | 38.1 |
| 91 | 23.7 | 12.2 | 36.4 |



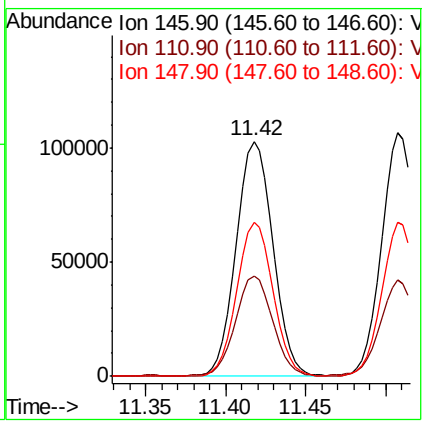


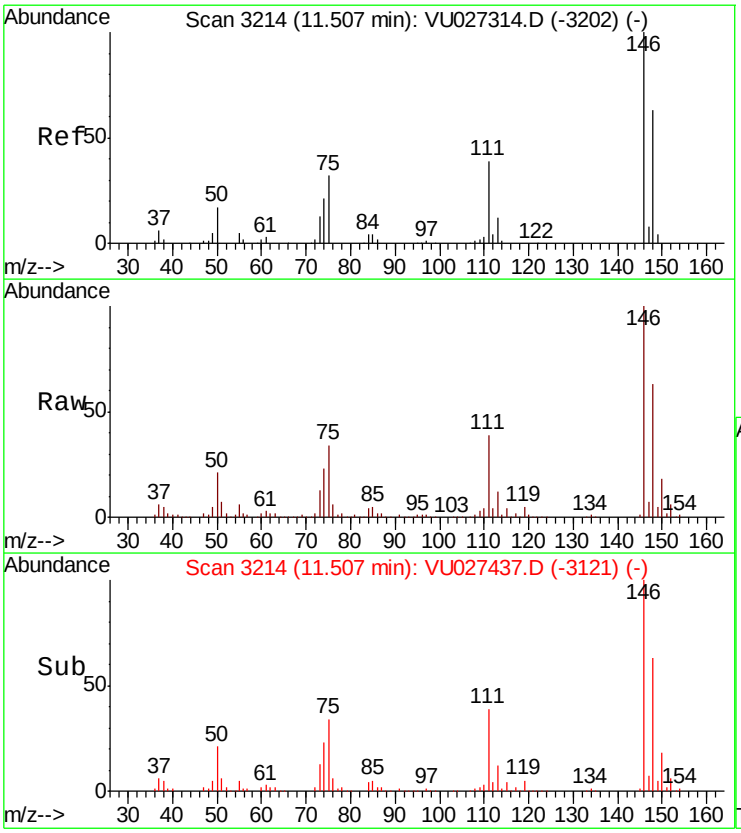

#87
1,3-Dichlorobenzene
Concen: 48.094 ug/l
RT: 11.42 min Scan# 3186
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion:146 Resp: 161167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.5 | 20.8 | 62.5 |
| 148 | 64.5 | 31.6 | 94.8 |

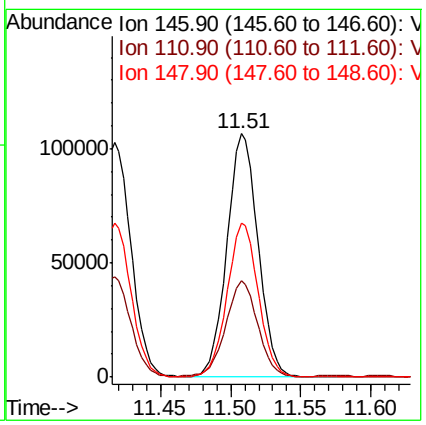


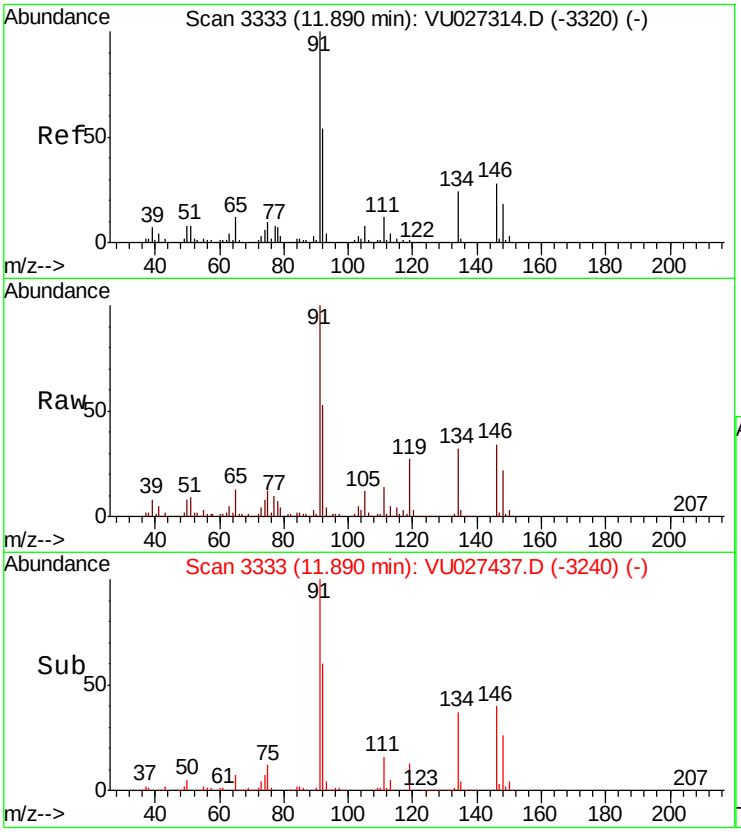




#88
1,4-Dichlorobenzene
Concen: 48.114 ug/l
RT: 11.51 min Scan# 3214
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion:146 Resp: 164761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.2 | 20.4 | 61.2 |
| 148 | 63.2 | 31.9 | 95.5 |



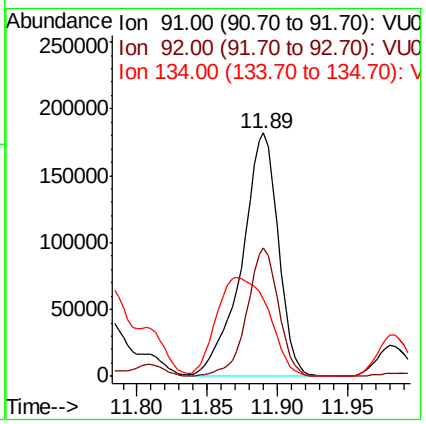


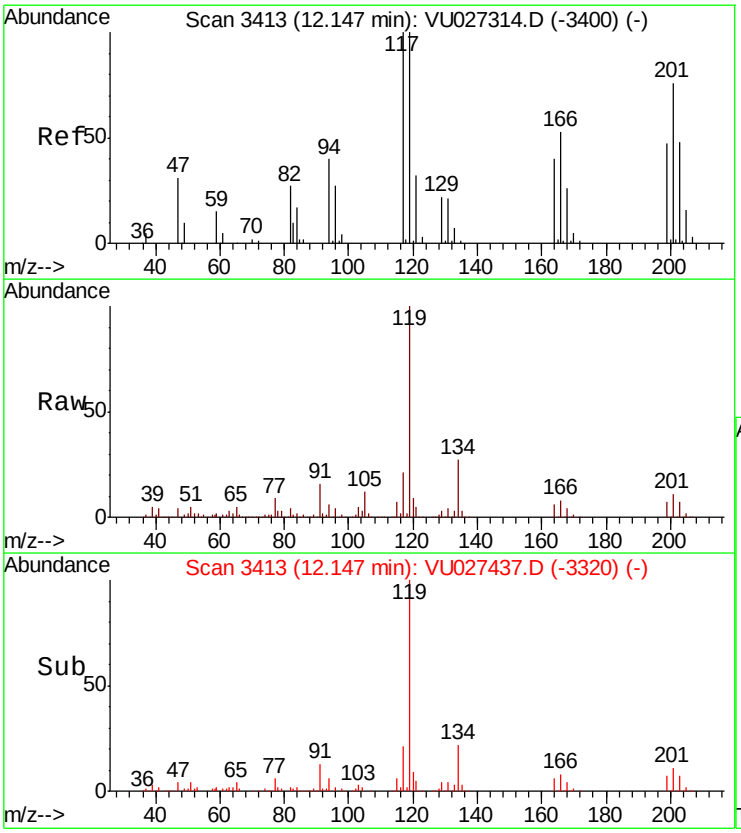

#89
n-Butylbenzene
Concen: 48.118 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion: 91 Resp: 329629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 45.8 | 27.0 | 81.0 |
| 134 | 58.1 | 11.7 | 35.1# |

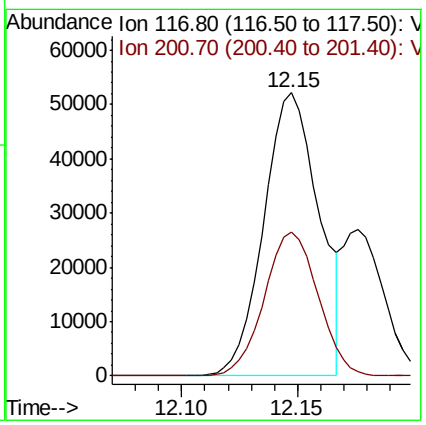


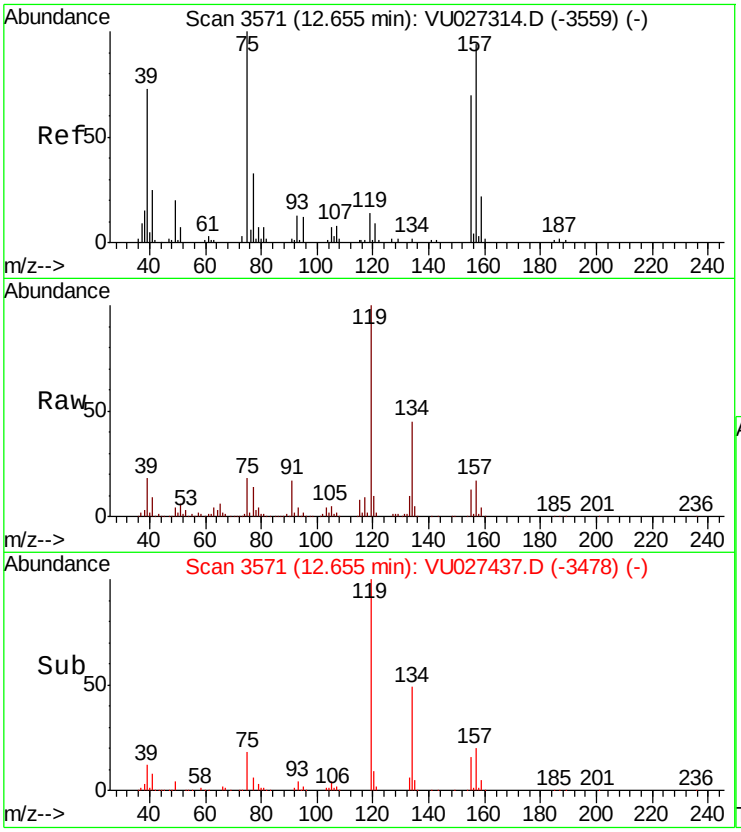




#90
Hexachloroethane
Concen: 70.968 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion:117 Resp: 86492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 49.4 | 37.9 | 113.6 |



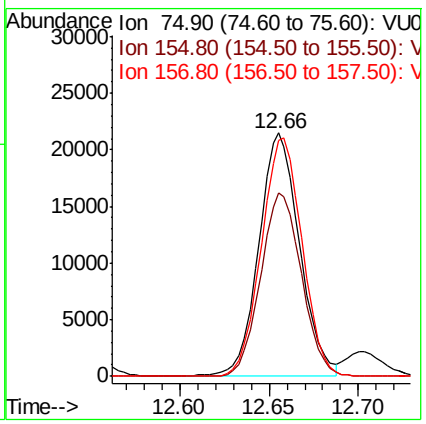


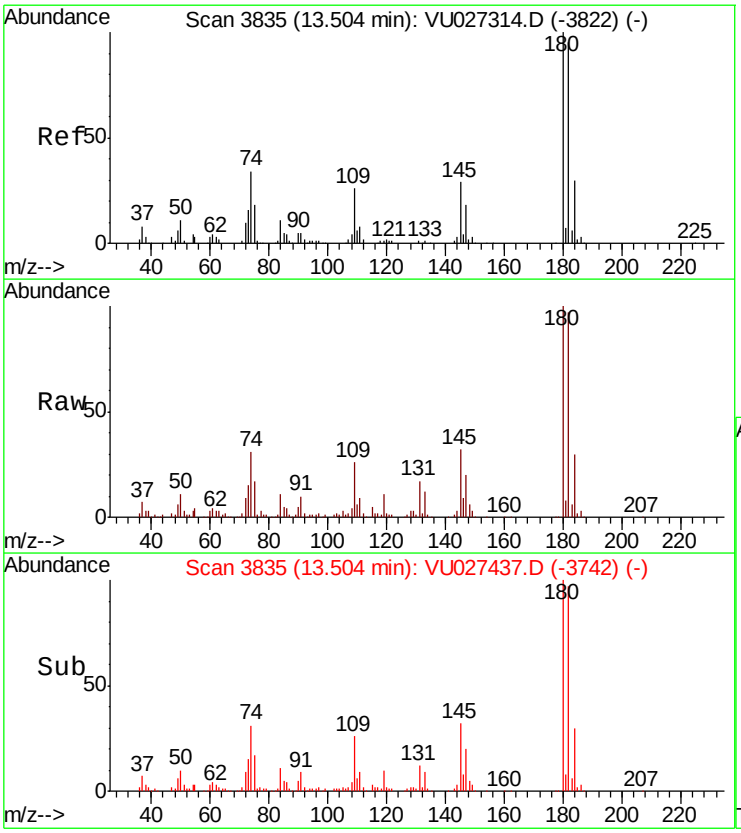

#92
1,2-Dibromo-3-Chloropropane
Concen: 51.810 ug/l
RT: 12.66 min Scan# 3571
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion: 75 Resp: 34333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 75.3 | 35.9 | 107.8 |
| 157 | 97.7 | 46.9 | 140.6 |

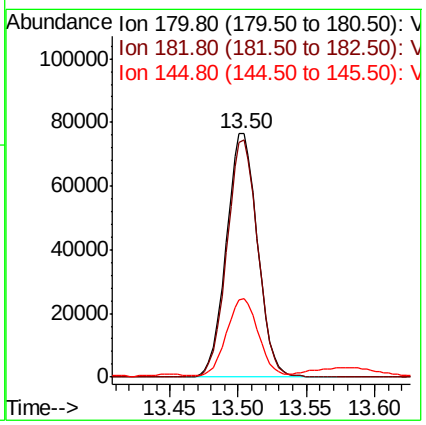


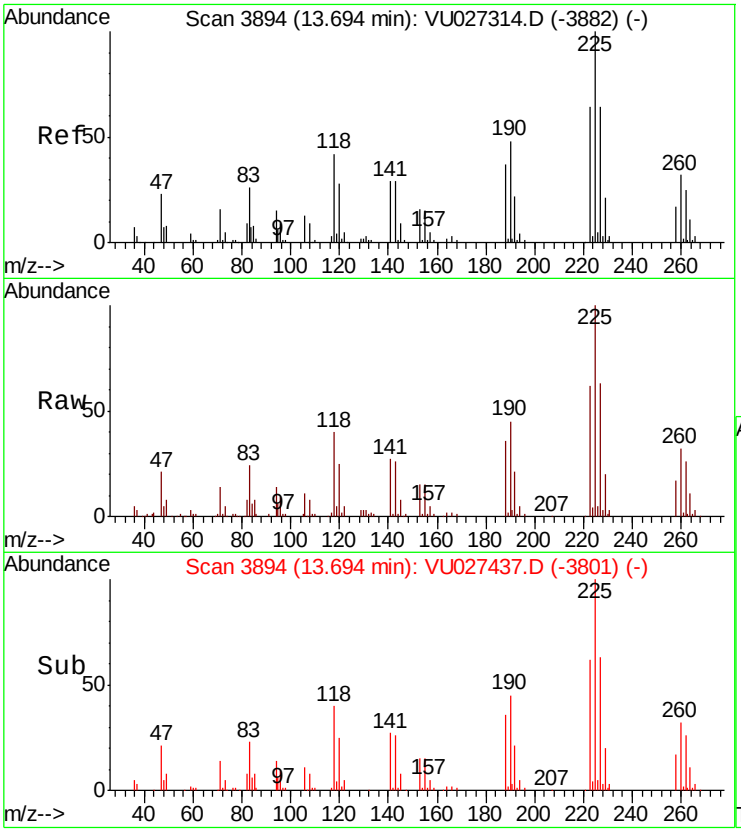




#93
1,2,4-Trichlorobenzene
Concen: 57.568 ug/l
RT: 13.50 min Scan# 3835
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion:180 Resp: 121506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.2 | 47.4 | 142.3 |
| 145 | 32.5 | 14.6 | 44.0 |



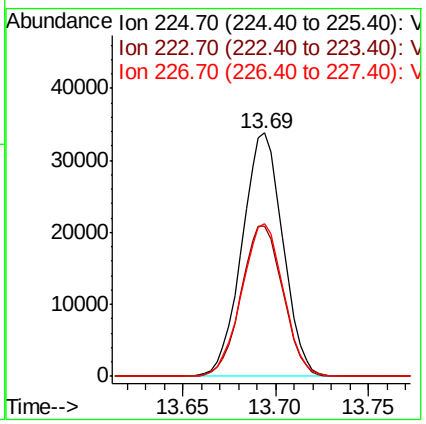


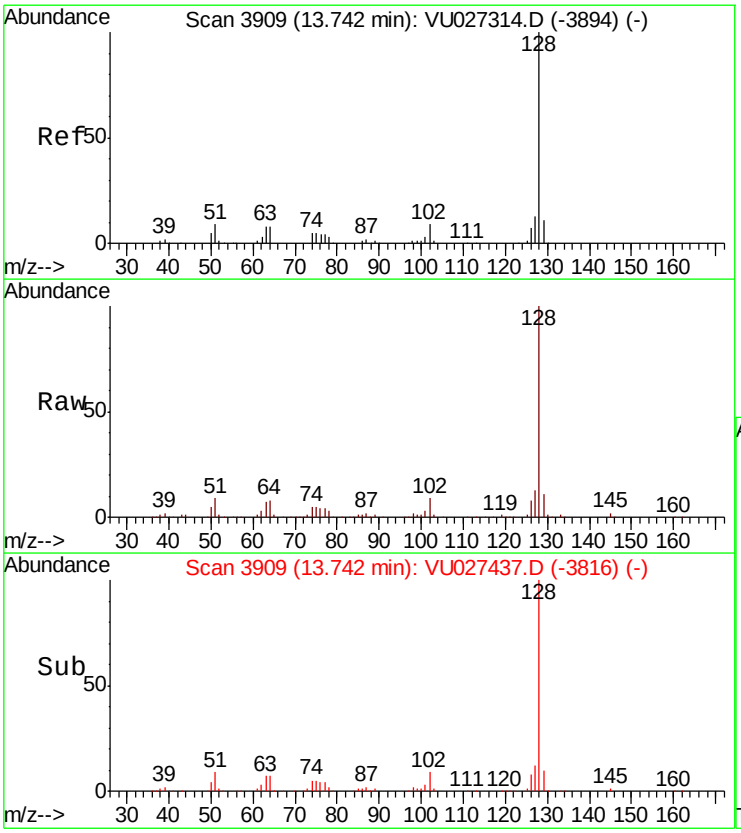

#94
Hexachlorobutadiene
Concen: 48.289 ug/l
RT: 13.69 min Scan# 3894
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion:225 Resp: 51495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.3 | 31.8 | 95.3 |
| 227 | 64.3 | 31.9 | 95.7 |

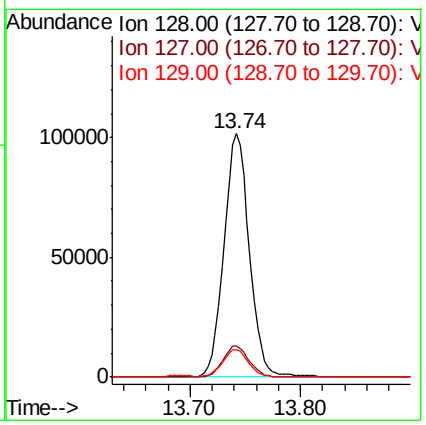


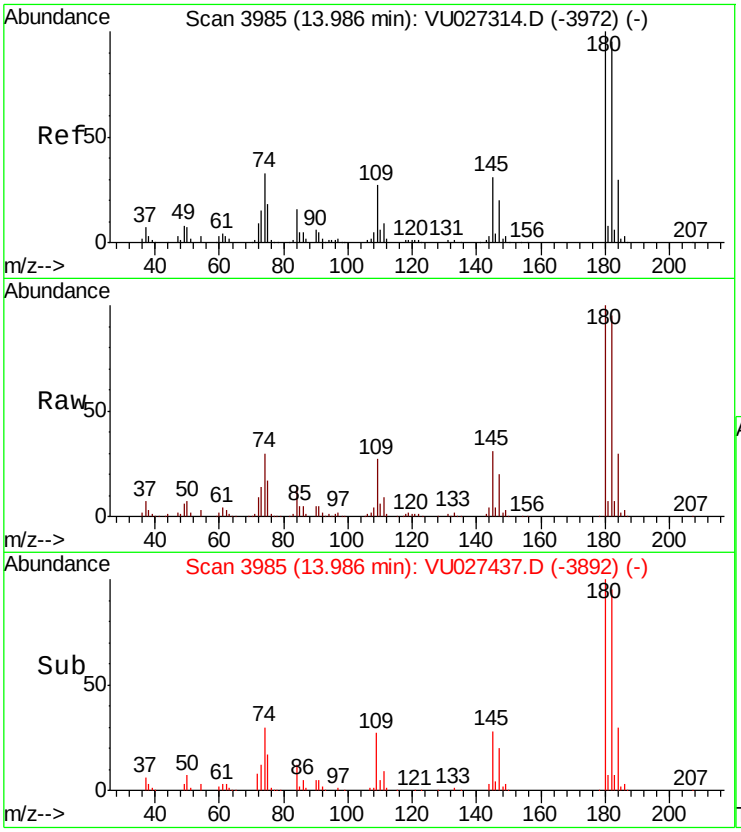




#95
Naphthalene
Concen: 21.419 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

Tgt Ion:128 Resp: 162003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.2 | 10.5 | 15.7 |
| 129 | 11.0 | 8.6 | 12.8 |






#96
1,2,3-Trichlorobenzene
Concen: 55.119 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. -0.00 min
Lab File: VU027437.D
Acq: 05 Oct 2018 02:36

**Instrument :**
MSVOA_U
**ClientSampleId :**
EP-MW-H-092718MSD

Tgt Ion:180 Resp: 121203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.9 | 47.4 | 142.2 |
| 145 | 33.2 | 15.9 | 47.7 |