Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
Data File : VU027392.D
Acq On : 04 Oct 2018 08:45
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Oct 05 03:10:28 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 | 4.98 | 168 | 115700 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 5.89 | 114 | 192100 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 9.09 | 117 | 178074 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 11.48 | 152 | 94904 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.31 | 65 | 88022 | 45.56 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 91.12% | | | |
| 35) Dibromofluoromethane | 4.88 | 113 | 62676 | 47.61 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 95.22% | | | |
| 50) Toluene-d8 | 7.57 | 98 | 241300 | 48.97 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.94% | | | |
| 62) 4-Bromofluorobenzene | 10.31 | 95 | 89317 | 48.78 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.56% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.21 | 85 | 84610 | 50.724 | ug/l | 99 |
| 3) Chloromethane | 1.33 | 50 | 97632 | 43.232 | ug/l | 100 |
| 4) Vinyl Chloride | 1.40 | 62 | 101150 | 47.648 | ug/l | 100 |
| 5) Bromomethane | 1.61 | 94 | 49978 | 54.408 | ug/l | 99 |
| 6) Chloroethane | 1.69 | 64 | 56870 | 44.581 | ug/l | 99 |
| 7) Trichlorofluoromethane | 1.88 | 101 | 107731 | 50.015 | ug/l | 99 |
| 8) Diethyl Ether | 2.11 | 74 | 46296 | 46.659 | ug/l | 99 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.29 | 101 | 59803 | 47.808 | ug/l | 99 |
| 10) Methyl Iodide | 2.41 | 142 | 53144 | 48.792 | ug/l | 98 |
| 11) Tert butyl alcohol | 2.83 | 59 | 92196 | 226.612 | ug/l | 98 |
| 12) 1,1-Dichloroethene | 2.28 | 96 | 55059 | 45.051 | ug/l | 97 |
| 13) Acrolein | 2.20 | 56 | 86351 | 252.943 | ug/l | 99 |
| 14) Allyl chloride | 2.59 | 41 | 137239 | 47.289 | ug/l | 99 |
| 15) Acrylonitrile | 2.94 | 53 | 247038 | 233.295 | ug/l | 99 |
| 16) Acetone | 2.32 | 43 | 241402 | 211.507 | ug/l | 99 |
| 17) Carbon Disulfide | 2.48 | 76 | 194282 | 44.077 | ug/l | 100 |
| 18) Methyl Acetate | 2.62 | 43 | 128855 | 49.489 | ug/l | 98 |
| 19) Methyl tert-butyl Ether | 3.00 | 73 | 233812 | 47.747 | ug/l | 99 |
| 20) Methylene Chloride | 2.70 | 84 | 74356 | 46.770 | ug/l | 99 |
| 21) trans-1,2-Dichloroethene | 2.98 | 96 | 64782 | 47.214 | ug/l | 98 |
| 22) Diisopropyl ether | 3.57 | 45 | 290403 | 49.232 | ug/l | 97 |
| 23) Vinyl Acetate | 3.53 | 43 | 1239839 | 240.681 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 3.45 | 63 | 147525 | 48.650 | ug/l | 99 |
| 25) 2-Butanone | 4.26 | 43 | 356486 | 229.045 | ug/l | 99 |
| 26) 2,2-Dichloropropane | 4.23 | 77 | 117324 | 47.086 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 4.23 | 96 | 73713 | 46.977 | ug/l | 97 |
| 28) Bromochloromethane | 4.55 | 49 | 75005 | 51.268 | ug/l | 98 |
| 29) Tetrahydrofuran | 4.64 | 42 | 227486 | 231.924 | ug/l | 99 |
| 30) Chloroform | 4.67 | 83 | 133117 | 49.409 | ug/l | 98 |
| 31) Cyclohexane | 5.00 | 56 | 138304 | 44.609 | ug/l | 99 |
| 32) 1,1,1-Trichloroethane | 4.92 | 97 | 109731 | 48.360 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 5.14 | 75 | 101460 | 48.644 | ug/l | 99 |
| 37) Ethyl Acetate | 4.38 | 43 | 129500 | 48.040 | ug/l | 99 |
| 38) Carbon Tetrachloride | 5.13 | 117 | 93365 | 49.554 | ug/l | 98 |

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Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Oct 05 03:10:28 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 | 118930 | 48.778 | ug/l | | 99 |
| 40) Benzene | 5.39 | 78 | 303714 | 49.989 | ug/l | | 99 |
| 41) Methacrylonitrile | 4.54 | 41 | 74149 | 48.666 | ug/l | | 98 |
| 42) 1,2-Dichloroethane | 5.40 | 62 | 113721 | 50.426 | ug/l | | 100 |
| 43) Isopropyl Acetate | 5.55 | 43 | 206922 | 49.424 | ug/l | | 99 |
| 44) Trichloroethene | 6.19 | 130 | 65664 | 48.469 | ug/l | | 97 |
| 45) 1,2-Dichloropropane | 6.43 | 63 | 87201 | 49.761 | ug/l | | 98 |
| 46) Dibromomethane | 6.56 | 93 | 50764 | 51.291 | ug/l | | 97 |
| 47) Bromodichloromethane | 6.76 | 83 | 102613 | 49.965 | ug/l | | 99 |
| 48) Methyl methacrylate | 6.62 | 41 | 104396 | 50.143 | ug/l | | 99 |
| 49) 1,4-Dioxane | 6.61 | 88 | 38009 | 1061.059 | ug/l | | 97 |
| 51) 4-Methyl-2-Pentanone | 7.46 | 43 | 674983 | 248.108 | ug/l | | 99 |
| 52) Toluene | 7.64 | 92 | 177638 | 49.397 | ug/l | | 100 |
| 53) t-1,3-Dichloropropene | 7.88 | 75 | 121060 | 50.276 | ug/l | | 98 |
| 54) cis-1,3-Dichloropropene | 7.27 | 75 | 130956 | 50.590 | ug/l | | 98 |
| 55) 1,1,2-Trichloroethane | 8.07 | 97 | 70129 | 49.186 | ug/l | | 99 |
| 56) Ethyl methacrylate | 8.02 | 69 | 119118 | 43.916 | ug/l | | 97 |
| 57) 1,3-Dichloropropane | 8.24 | 76 | 136554 | 49.335 | ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 7.13 | 63 | 336383 | 225.186 | ug/l | | 100 |
| 59) 2-Hexanone | 8.36 | 43 | 522335 | 247.508 | ug/l | | 100 |
| 60) Dibromochloromethane | 8.48 | 129 | 72948 | 51.012 | ug/l | | 100 |
| 61) 1,2-Dibromoethane | 8.59 | 107 | 73737 | 48.641 | ug/l | | 100 |
| 64) Tetrachloroethene | 8.23 | 164 | 54636 | 49.286 | ug/l | | 98 |
| 65) Chlorobenzene | 9.12 | 112 | 185856 | 49.584 | ug/l | | 100 |
| 66) 1,1,1,2-Tetrachloroethane | 9.21 | 131 | 65547 | 50.655 | ug/l | | 100 |
| 67) Ethyl Benzene | 9.25 | 91 | 336607 | 50.686 | ug/l | | 99 |
| 68) m/p-Xylenes | 9.38 | 106 | 253022 | 104.160 | ug/l | | 100 |
| 69) o-Xylene | 9.78 | 106 | 119949 | 51.962 | ug/l | | 99 |
| 70) Styrene | 9.79 | 104 | 205843 | 47.809 | ug/l | | 99 |
| 71) Bromoform | 9.96 | 173 | 52613 | 50.537 | ug/l | # | 99 |
| 73) Isopropylbenzene | 10.17 | 105 | 330179 | 47.902 | ug/l | | 100 |
| 74) N-amyl acetate | 10.02 | 43 | 184565 | 46.773 | ug/l | | 100 |
| 75) 1,1,2,2-Tetrachloroethane | 10.46 | 83 | 123097 | 45.482 | ug/l | | 100 |
| 76) 1,2,3-Trichloropropane | 10.49 | 75 | 148033 | 60.173 | ug/l | | 85 |
| 77) Bromobenzene | 10.45 | 156 | 75684 | 47.246 | ug/l | | 99 |
| 78) n-propylbenzene | 10.59 | 91 | 415225 | 50.133 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 10.66 | 91 | 237623 | 47.516 | ug/l | | 99 |
| 80) 1,3,5-Trimethylbenzene | 10.77 | 105 | 283613 | 50.539 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-buten | 10.49 | 75 | 148033 | 157.479 | ug/l | # | 100 |
| 82) 4-Chlorotoluene | 10.77 | 91 | 281067 | 49.527 | ug/l | | 99 |
| 83) tert-Butylbenzene | 11.10 | 119 | 265352 | 48.912 | ug/l | | 100 |
| 84) 1,2,4-Trimethylbenzene | 11.15 | 105 | 290914 | 50.750 | ug/l | | 100 |
| 85) sec-Butylbenzene | 11.32 | 105 | 346826 | 50.739 | ug/l | | 99 |
| 86) p-Isopropyltoluene | 11.48 | 119 | 300553 | 51.354 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 11.42 | 146 | 143776 | 47.400 | ug/l | | 98 |
| 88) 1,4-Dichlorobenzene | 11.51 | 146 | 146558 | 47.283 | ug/l | | 98 |
| 89) n-Butylbenzene | 11.89 | 91 | 299546 | 48.300 | ug/l | | 100 |
| 90) Hexachloroethane | 12.15 | 117 | 52792 | 47.855 | ug/l | | 99 |
| 91) 1,2-Dichlorobenzene | 11.88 | 146 | 140624 | 47.628 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 12.66 | 75 | 27736 | 46.240 | ug/l | | 100 |

Quantitation Report (Not Reviewed)

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Acq On : 04 Oct 2018 08:45
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Oct 05 03:10:28 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) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 13.50 | 180 | 103498 | 54.174 | ug/l | 100 |
| 94) Hexachlorobutadiene | 13.69 | 225 | 51120 | 52.960 | ug/l | 99 |
| 95) Naphthalene | 13.74 | 128 | 333118 | 46.546 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 13.99 | 180 | 105308 | 52.908 | ug/l | 100 |

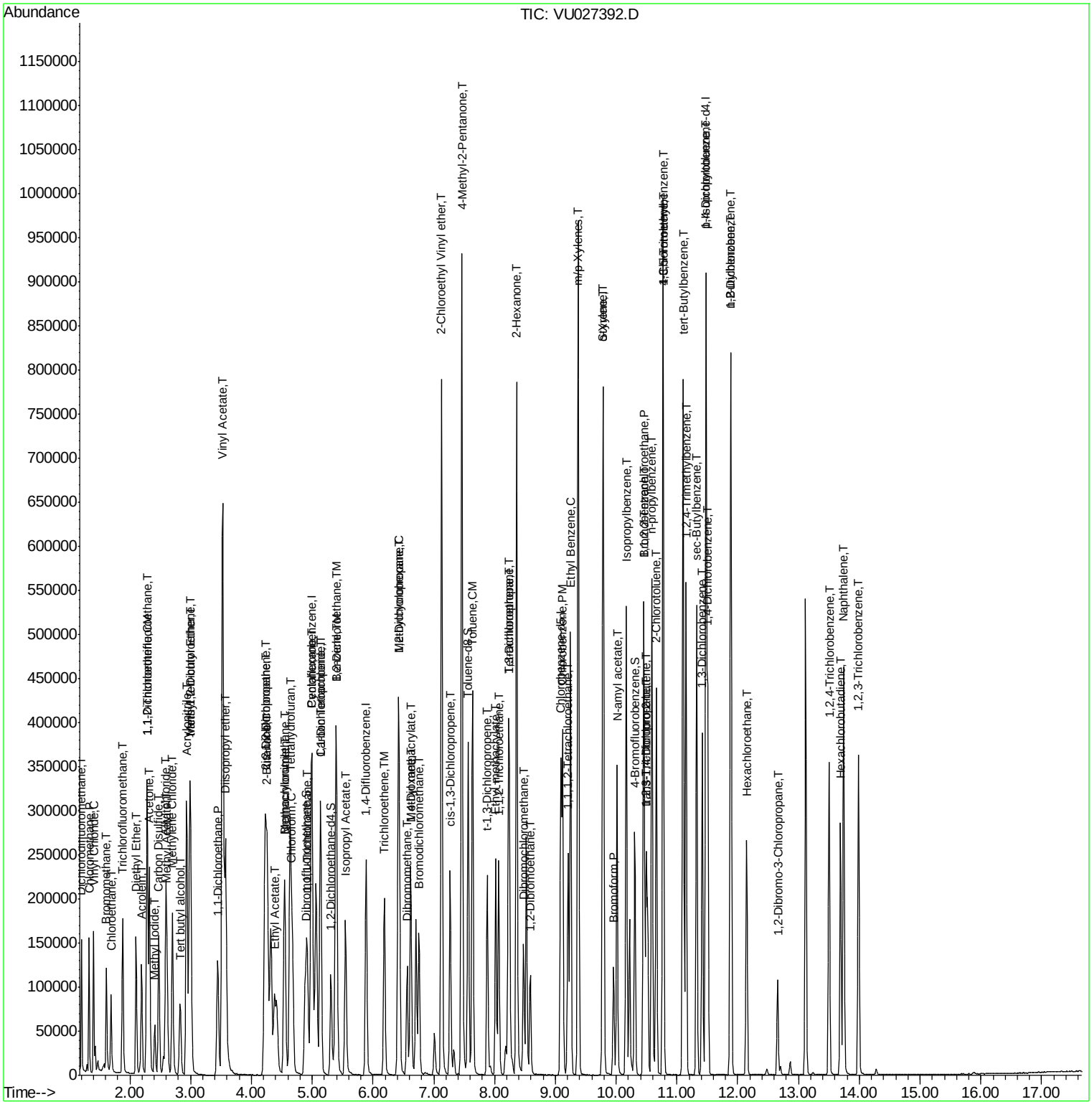
(#) = qualifier out of range (m) = manual integration (+) = signals summed

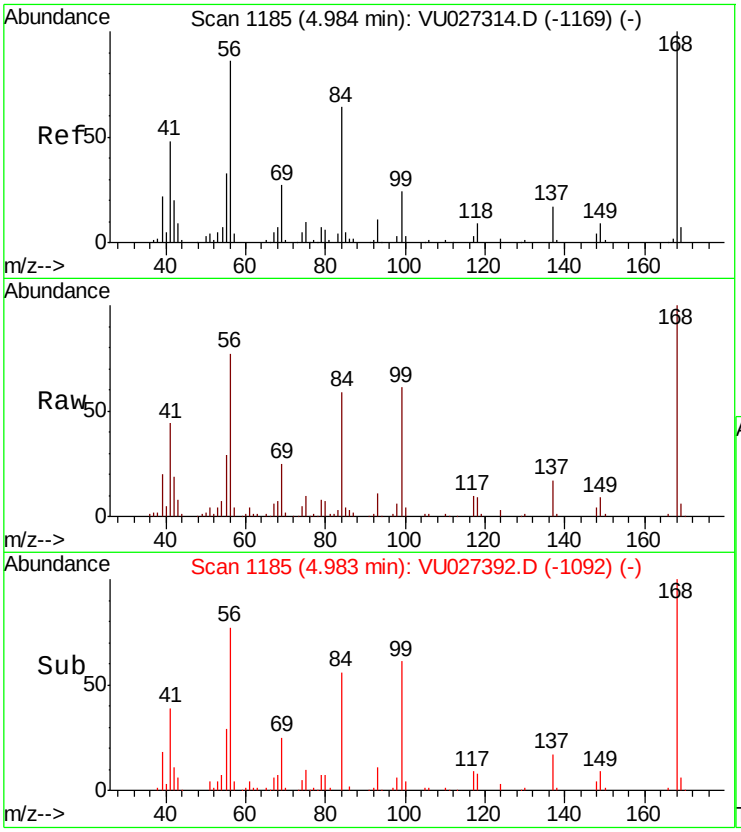
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
Data File : VU027392.D
Acq On : 04 Oct 2018 08:45
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Oct 05 03:10:28 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



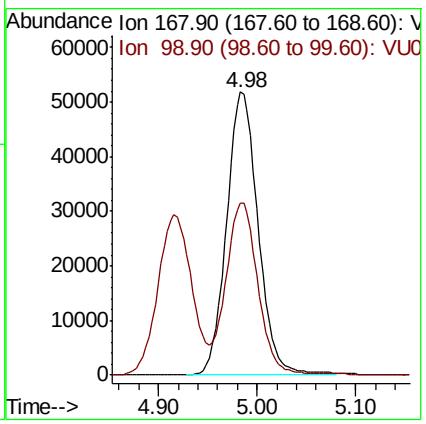


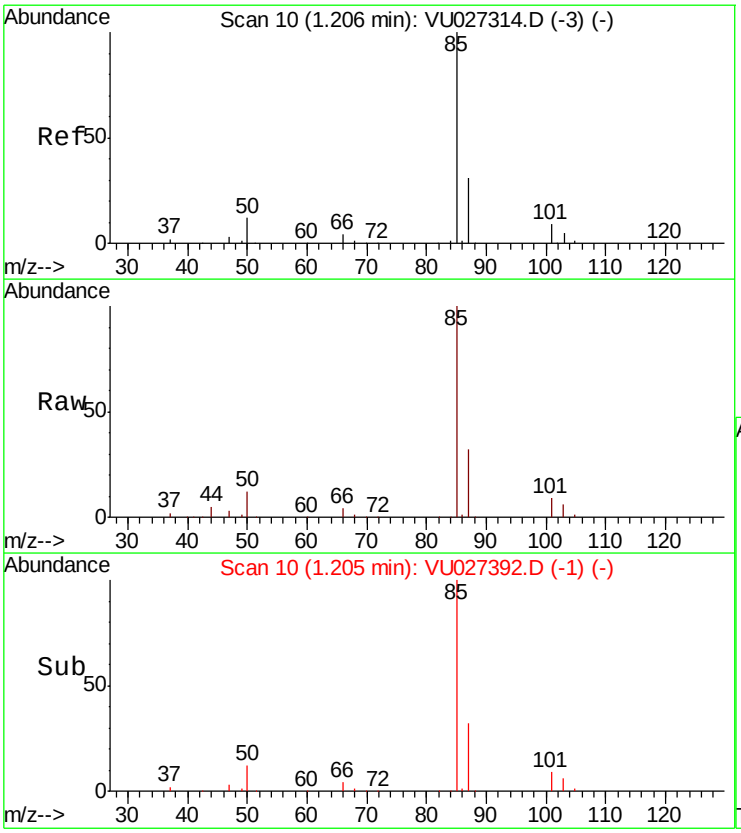

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion:168 Resp: 115700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 60.2 | 50.8 | 76.2 |

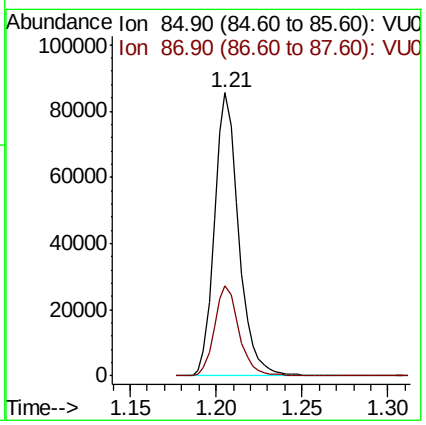


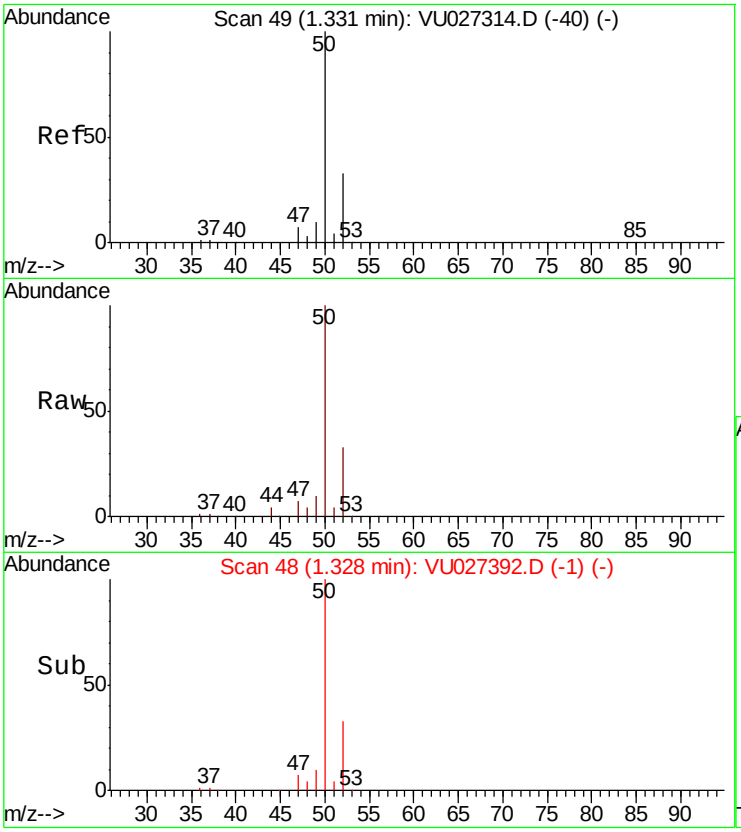




#2
Dichlorodifluoromethane
Concen: 50.724 ug/l
RT: 1.21 min Scan# 10
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion: 85 Resp: 84610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.0 | 15.7 | 47.1 |



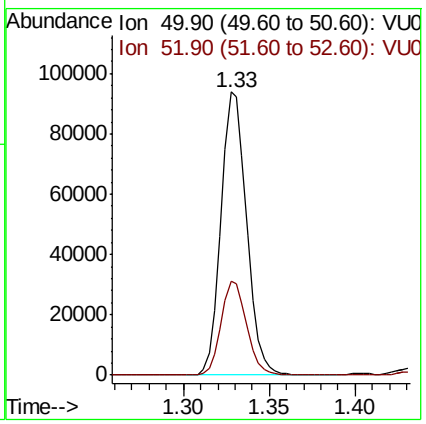


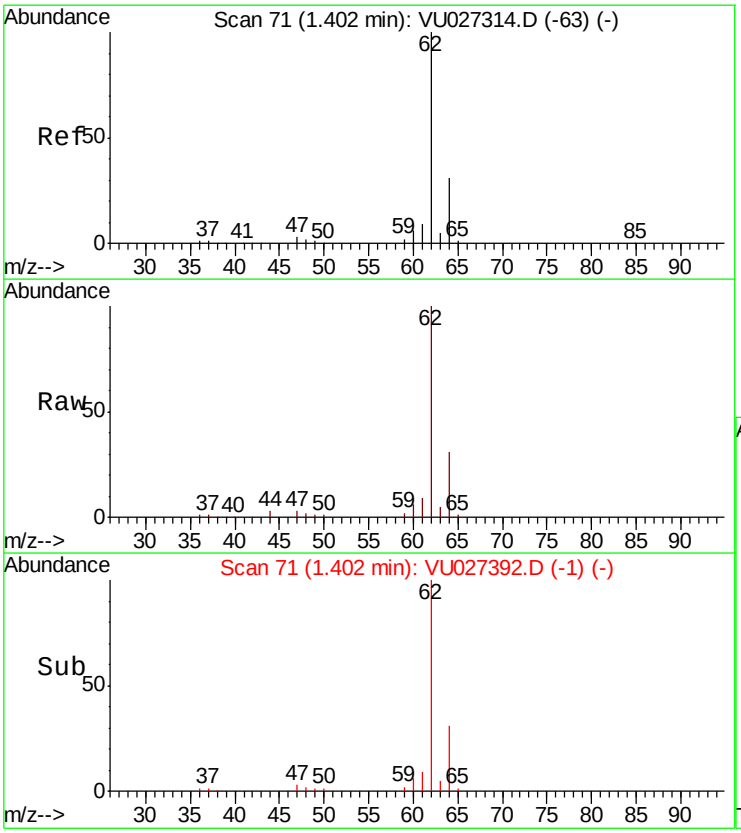

#3
Chloromethane
Concen: 43.232 ug/l
RT: 1.33 min Scan# 48
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion: 50 Resp: 97632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.0 | 26.5 | 39.7 |

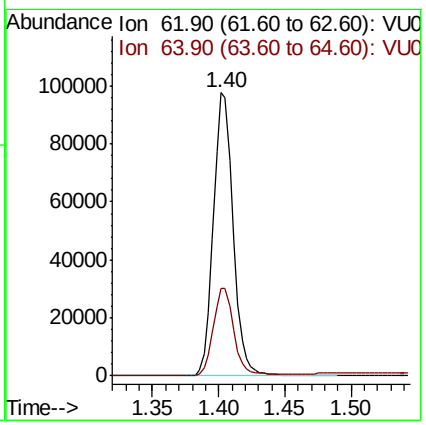


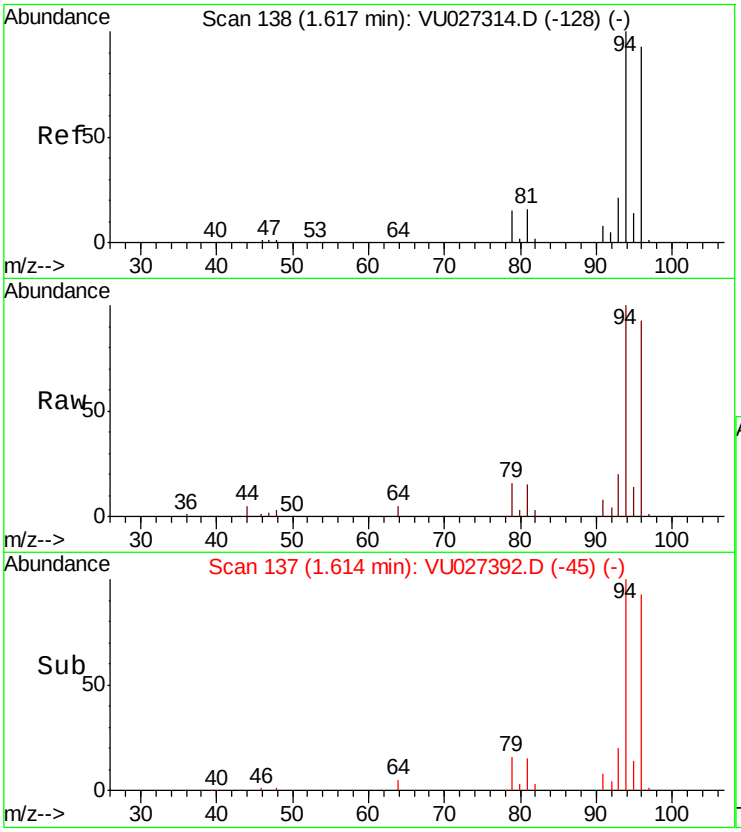




#4
Vinyl Chloride
Concen: 47.648 ug/l
RT: 1.40 min Scan# 71
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion: 62 Resp: 101150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.0 | 24.9 | 37.3 |



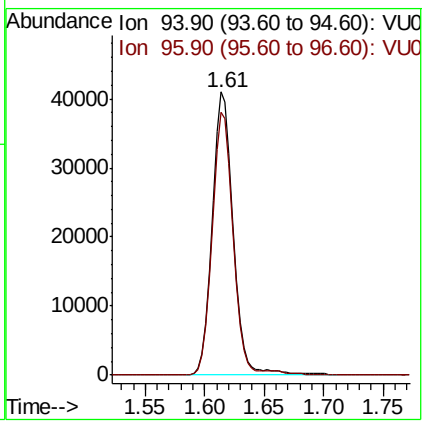


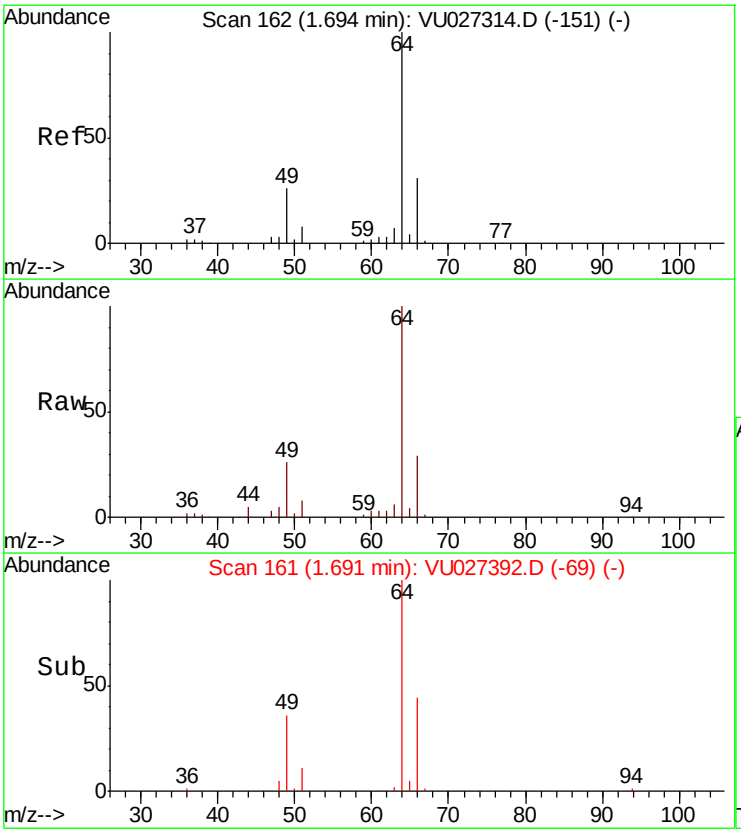

#5
Bromomethane
Concen: 54.408 ug/l
RT: 1.61 min Scan# 137
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion: 94 Resp: 49978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 92.7 | 74.6 | 111.8 |

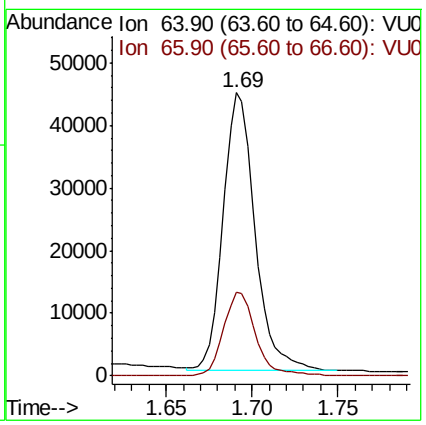


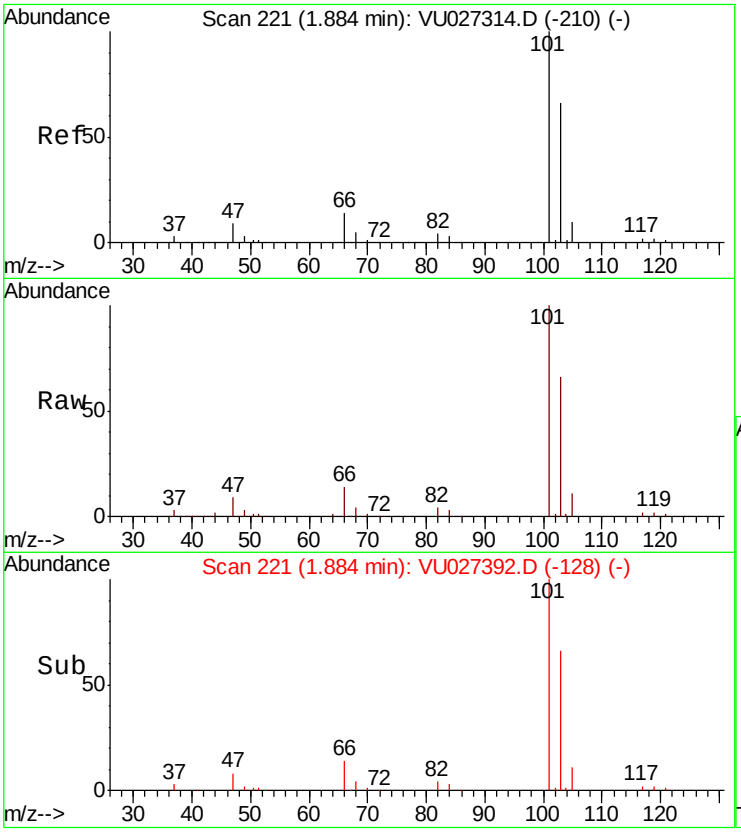




#6
Chloroethane
Concen: 44.581 ug/l
RT: 1.69 min Scan# 161
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion: 64 Resp: 56870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 30.1 | 24.6 | 36.8 |



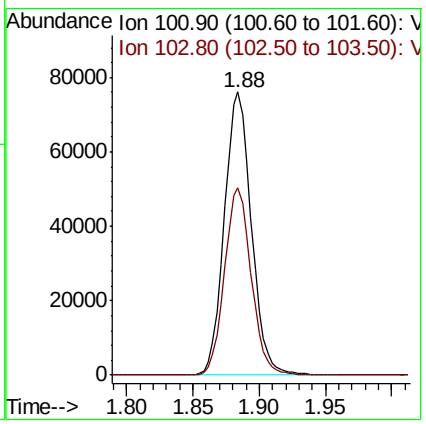


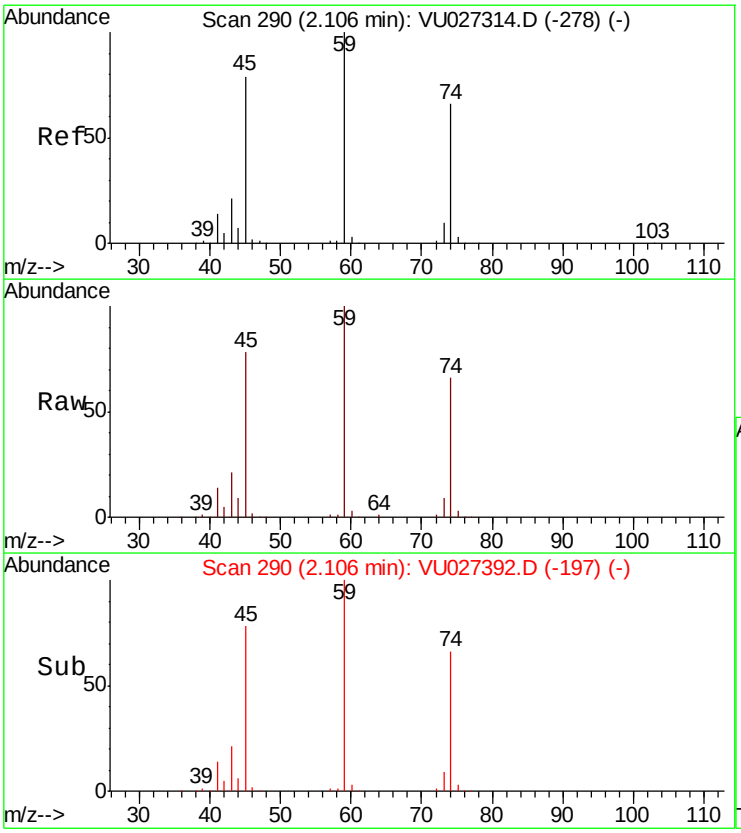

#7
Trichlorofluoromethane
Concen: 50.015 ug/l
RT: 1.88 min Scan# 221
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion:101 Resp: 107731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 66.2 | 52.6 | 78.8 |

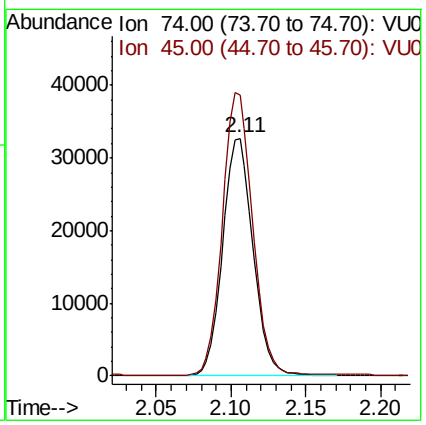


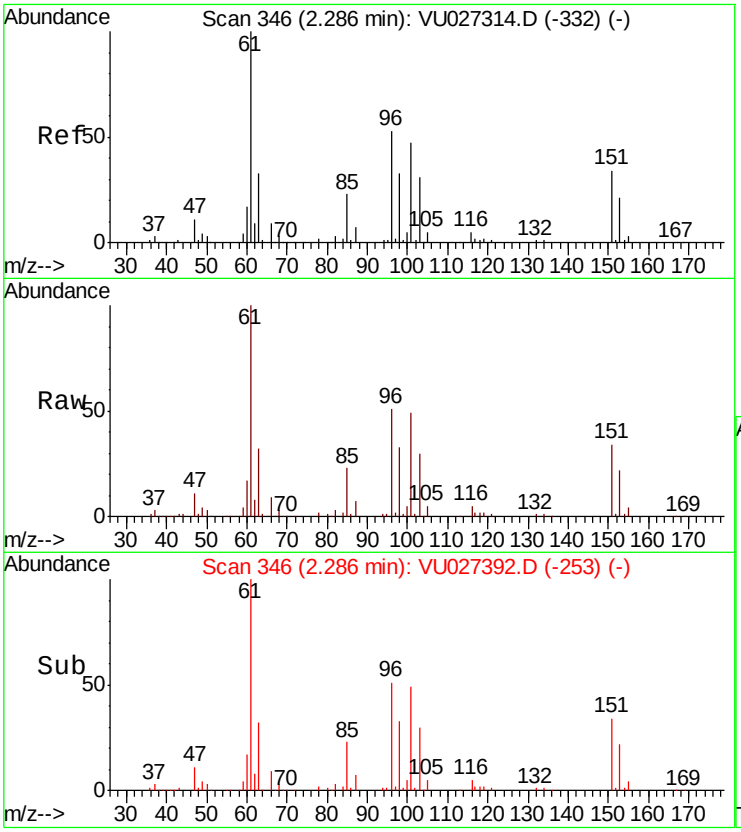




#8
Diethyl Ether
Concen: 46.659 ug/l
RT: 2.11 min Scan# 290
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion: 74 Resp: 46296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 119.0 | 60.4 | 181.1 |



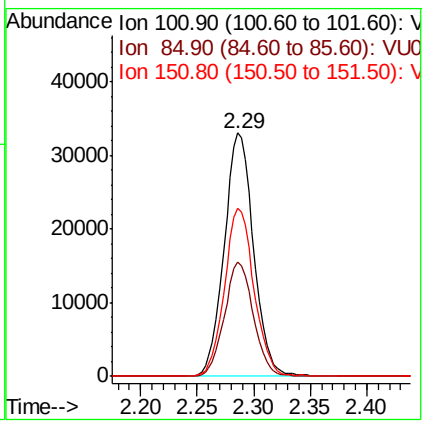


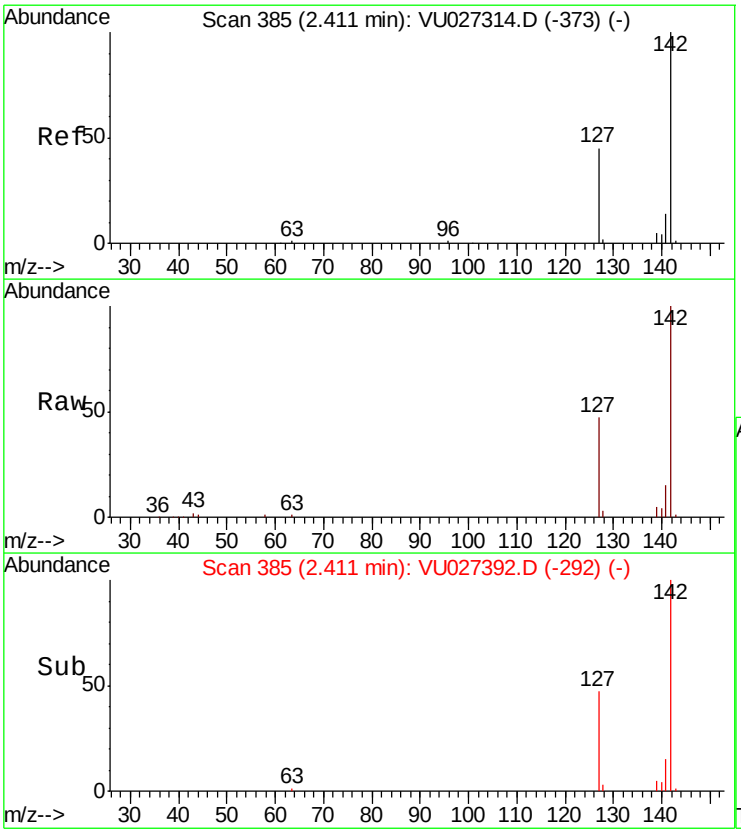

#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.808 ug/l
RT: 2.29 min Scan# 346
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion:101 Resp: 59803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 46.0 | 37.5 | 56.3 |
| 151 | 68.9 | 55.6 | 83.4 |

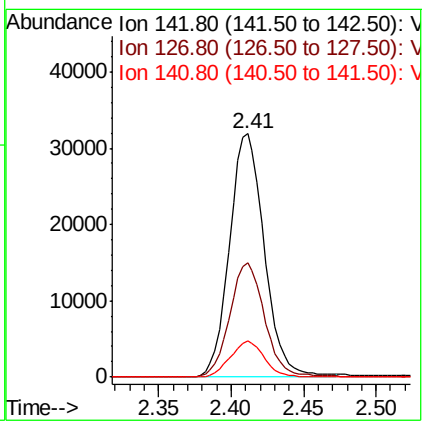


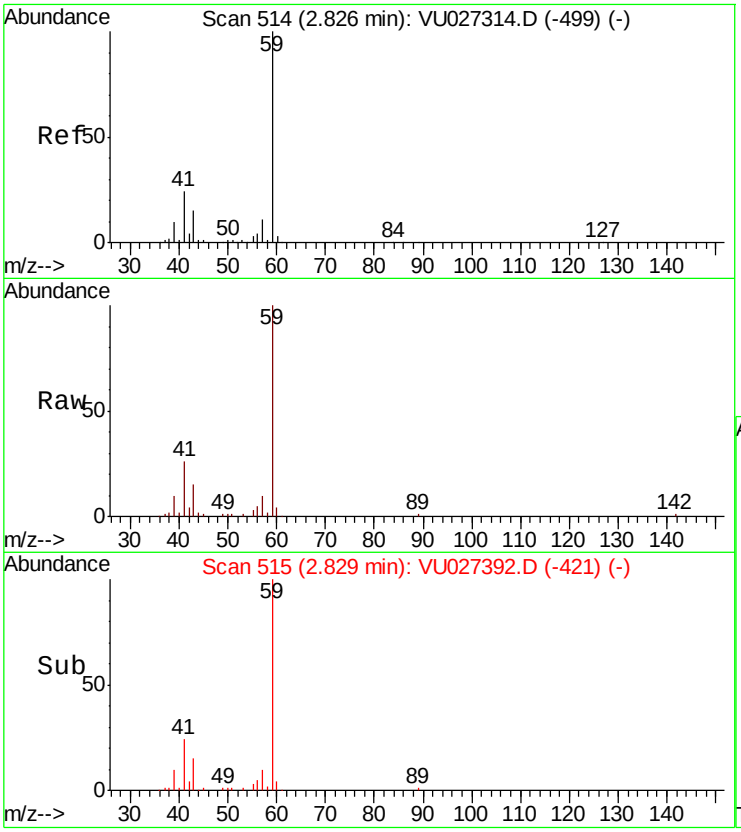




#10
Methyl Iodide
Concen: 48.792 ug/l
RT: 2.41 min Scan# 385
Delta R.T. 0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion:142 Resp: 53144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 47.1 | 36.3 | 54.5 |
| 141 | 14.6 | 11.6 | 17.4 |



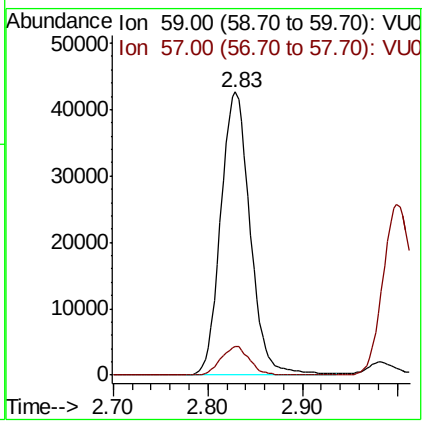


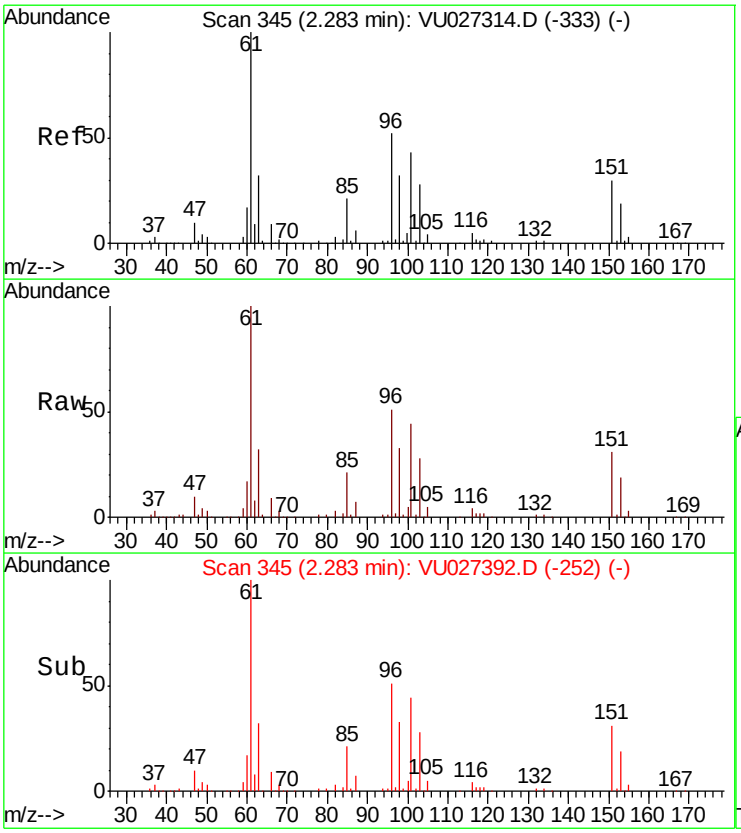

#11
Tert butyl alcohol
Concen: 226.612 ug/l
RT: 2.83 min Scan# 515
Delta R.T. 0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion: 59 Resp: 92196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 9.8 | 8.4 | 12.6 |

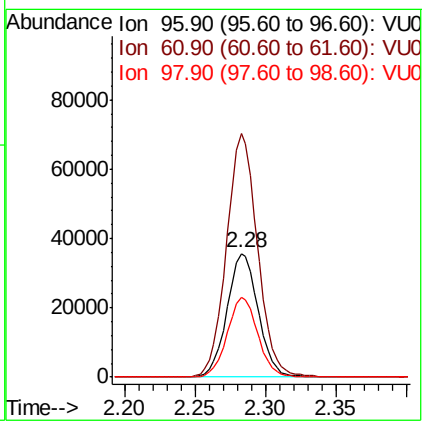


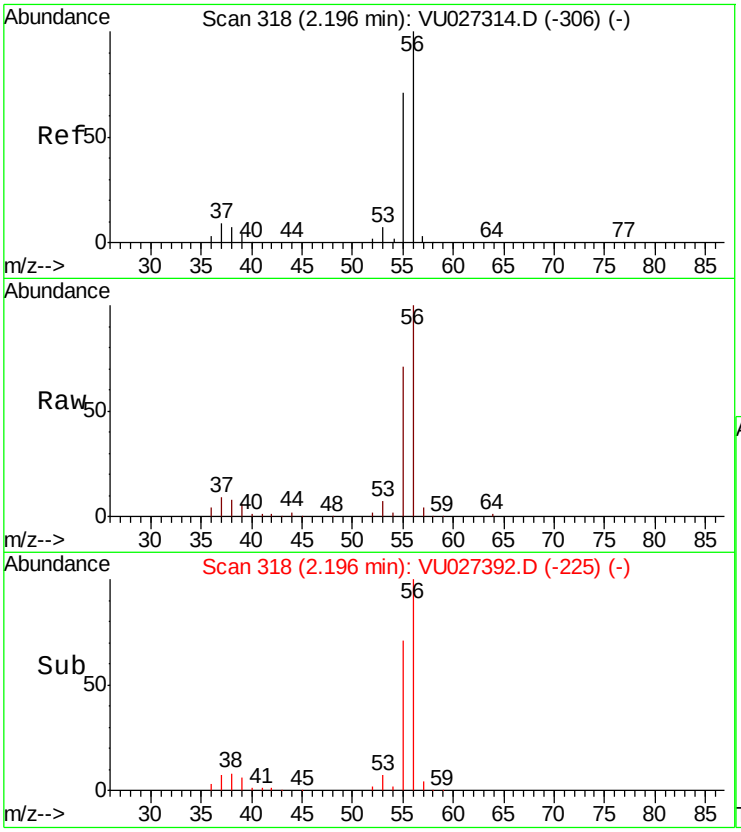




#12
1,1-Dichloroethene
Concen: 45.051 ug/l
RT: 2.28 min Scan# 345
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion: 96 Resp: 55059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 196.6 | 153.0 | 229.6 |
| 98 | 64.0 | 49.3 | 73.9 |



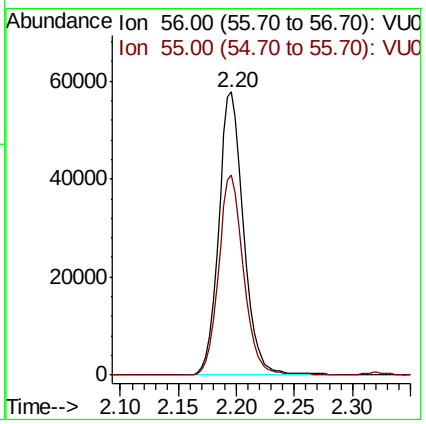


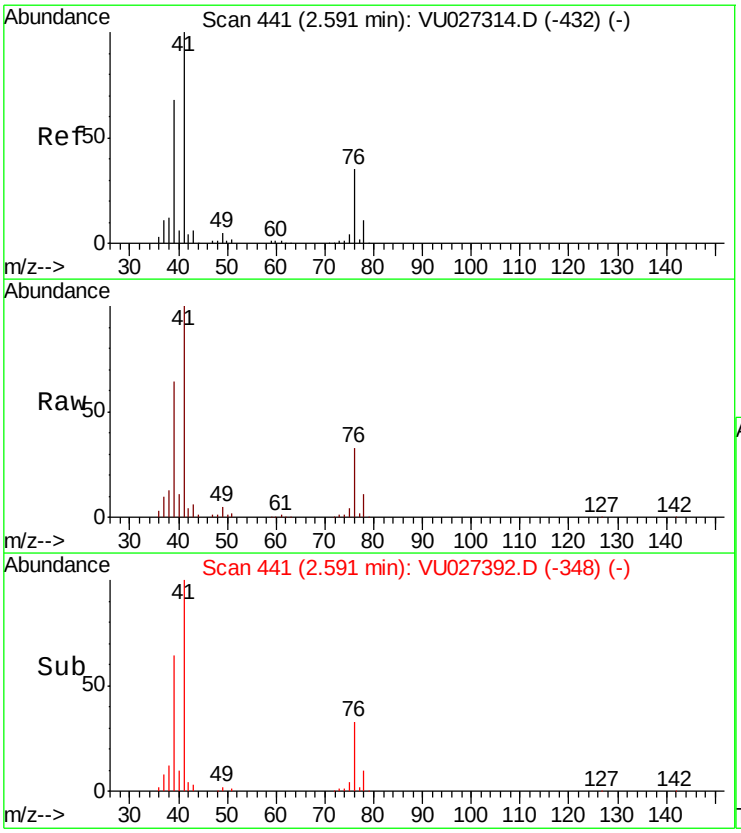

#13
Acrolein
Concen: 252.943 ug/l
RT: 2.20 min Scan# 318
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion: 56 Resp: 86351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 71.3 | 57.7 | 86.5 |

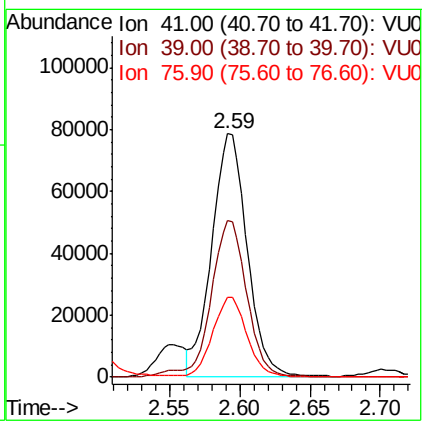


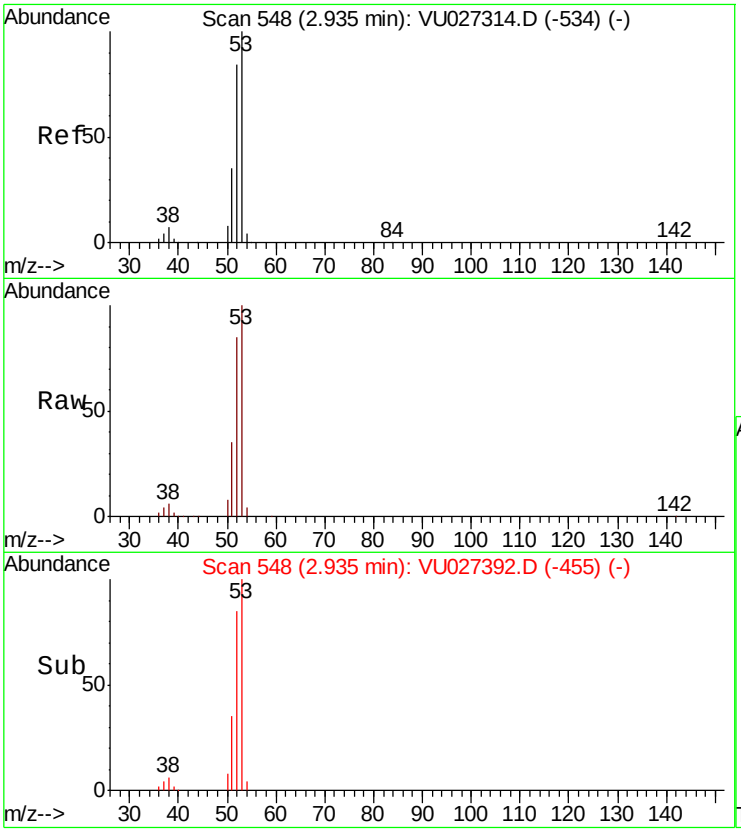




#14
Allyl chloride
Concen: 47.289 ug/l
RT: 2.59 min Scan# 441
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion: 41 Resp: 137239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 65.3 | 51.8 | 77.8 |
| 76 | 31.8 | 25.9 | 38.9 |



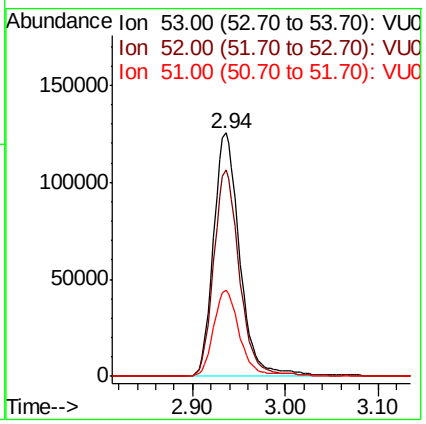


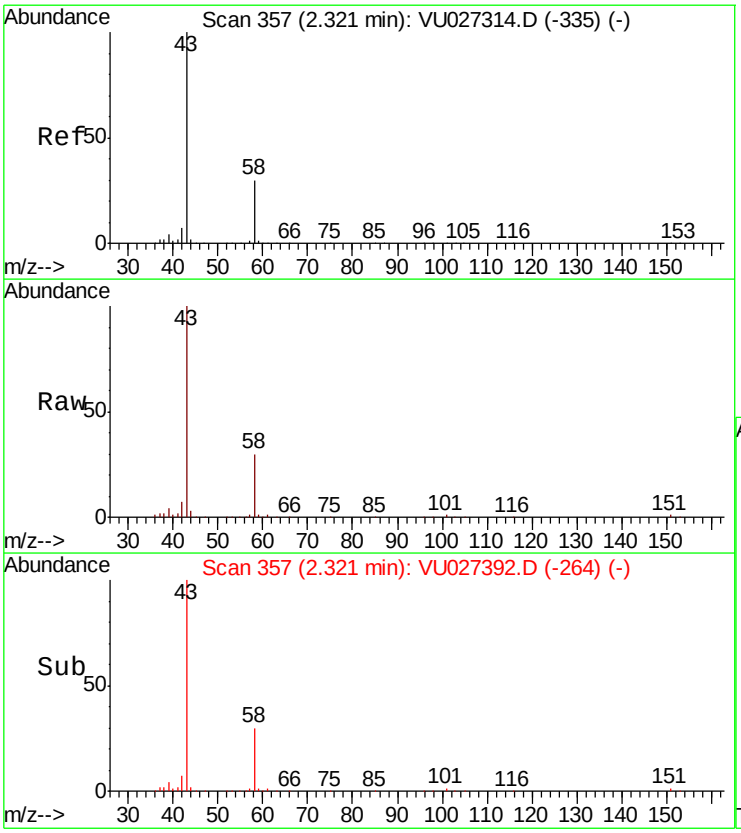

#15
Acrylonitrile
Concen: 233.295 ug/l
RT: 2.94 min Scan# 548
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion: 53 Resp: 247038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.9 | 66.5 | 99.7 |
| 51 | 35.8 | 27.6 | 41.4 |

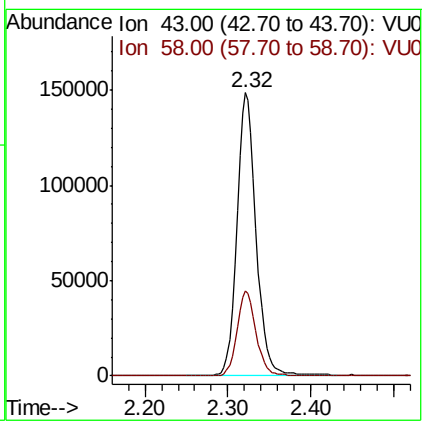


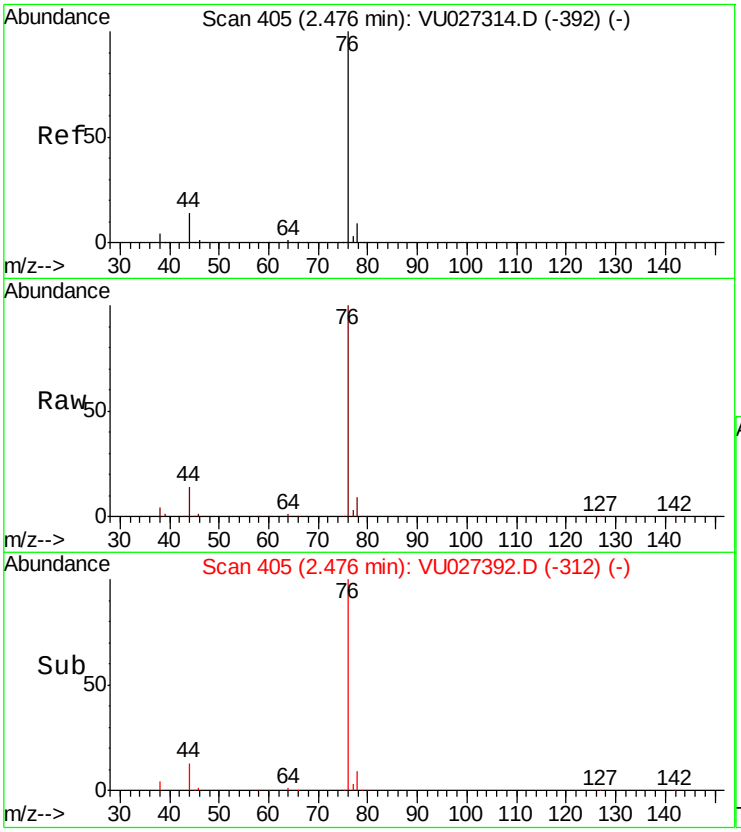




#16
Acetone
Concen: 211.507 ug/l
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion: 43 Resp: 241402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.0 | 24.2 | 36.4 |



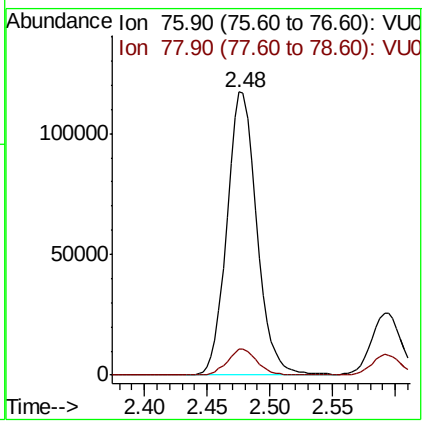


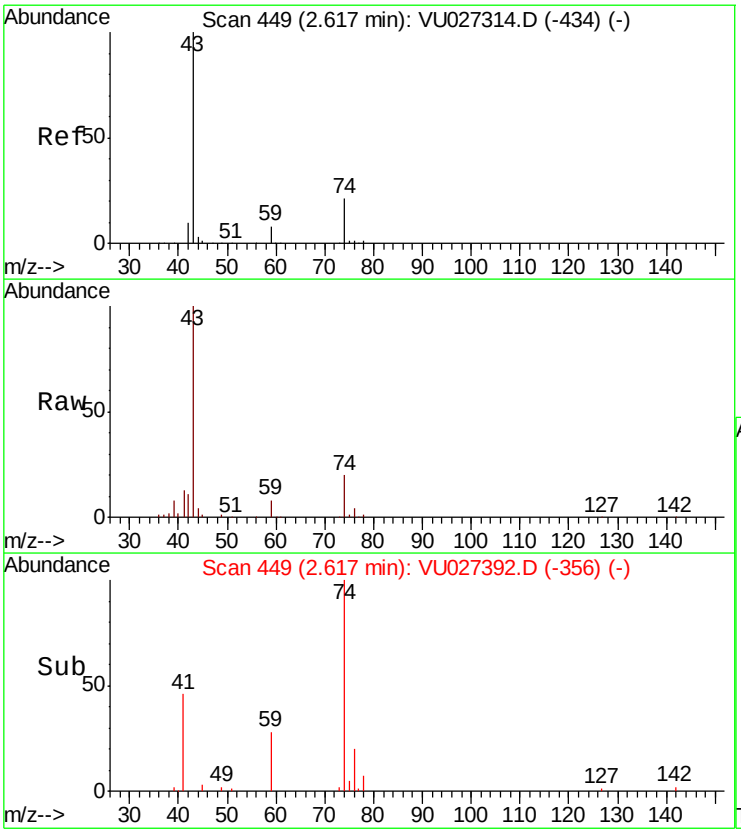

#17
Carbon Disulfide
Concen: 44.077 ug/l
RT: 2.48 min Scan# 405
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion: 76 Resp: 194282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.1 | 7.3 | 10.9 |

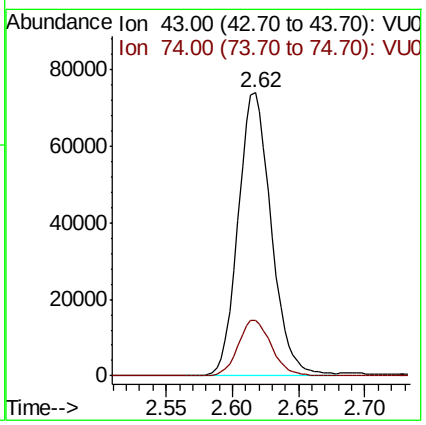


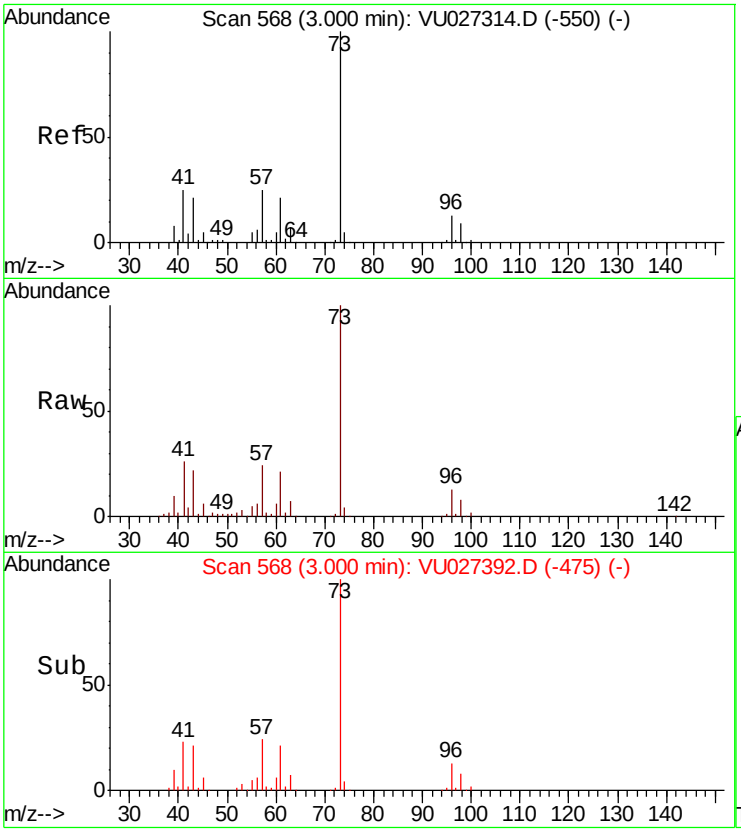




#18
Methyl Acetate
Concen: 49.489 ug/l
RT: 2.62 min Scan# 449
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion: 43 Resp: 128855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 19.8 | 16.5 | 24.7 |



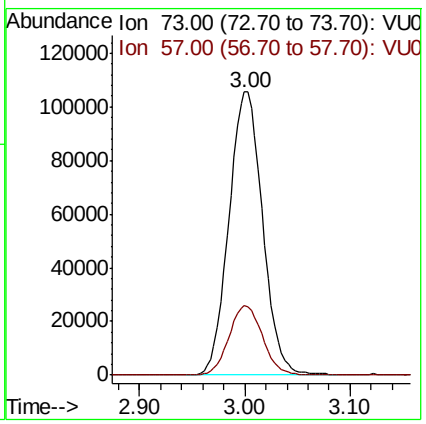


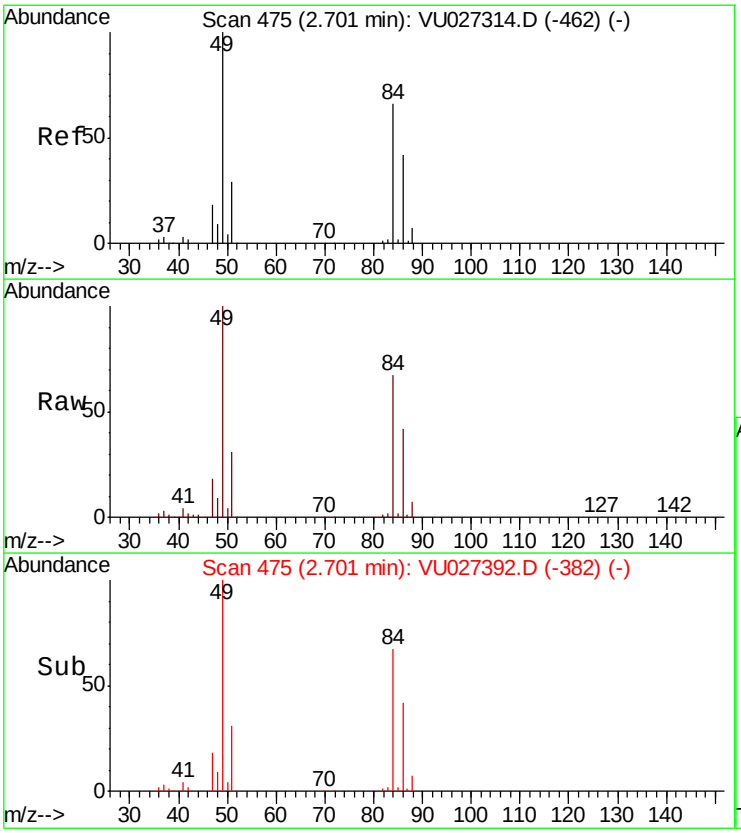

#19
Methyl tert-butyl Ether
Concen: 47.747 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion: 73 Resp: 233812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 24.4 | 20.0 | 30.0 |

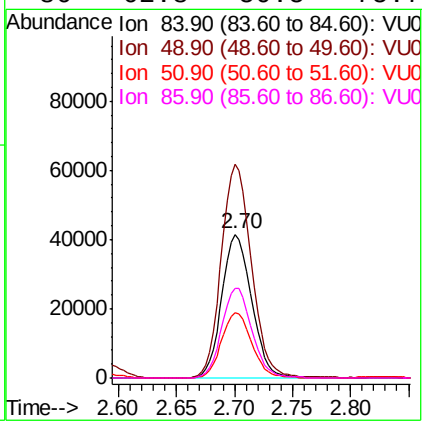


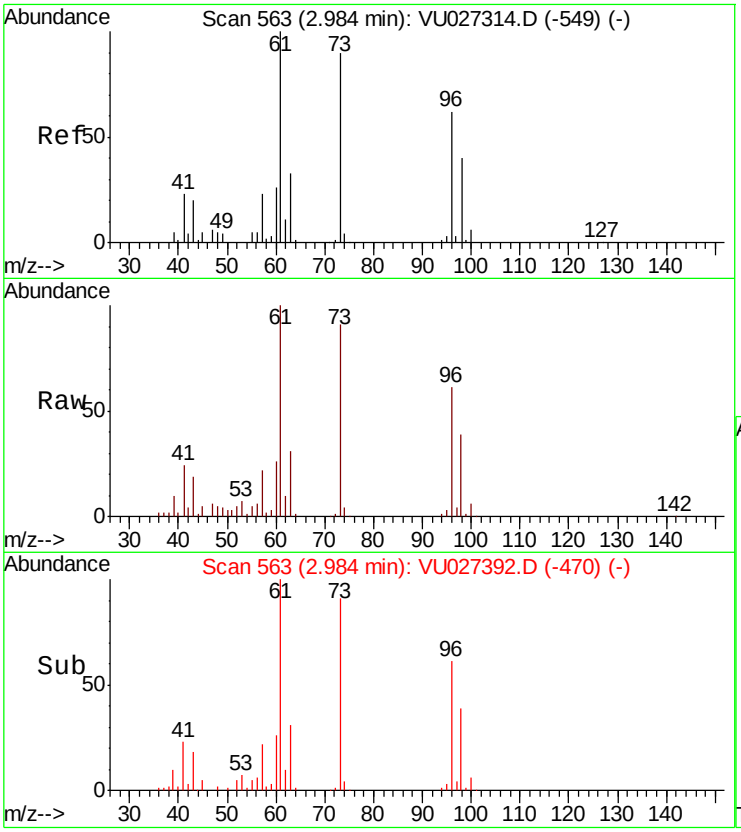




#20
Methylene Chloride
Concen: 46.770 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion: 84 Resp: 74356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 148.8 | 120.5 | 180.7 |
| 51 | 45.7 | 35.1 | 52.7 |
| 86 | 62.8 | 50.5 | 75.7 |



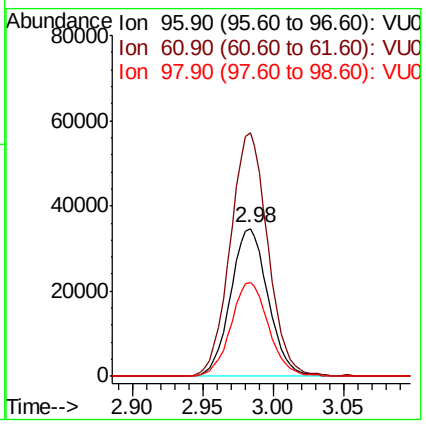


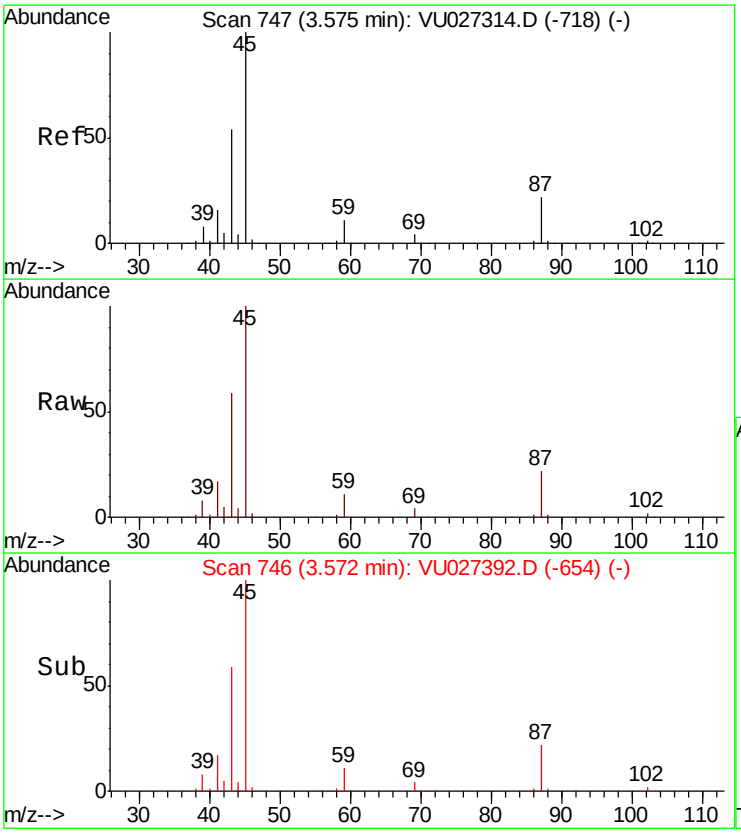

#21
trans-1,2-Dichloroethene
Concen: 47.214 ug/l
RT: 2.98 min Scan# 563
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion: 96 Resp: 64782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 164.7 | 129.4 | 194.2 |
| 98 | 63.6 | 51.2 | 76.8 |

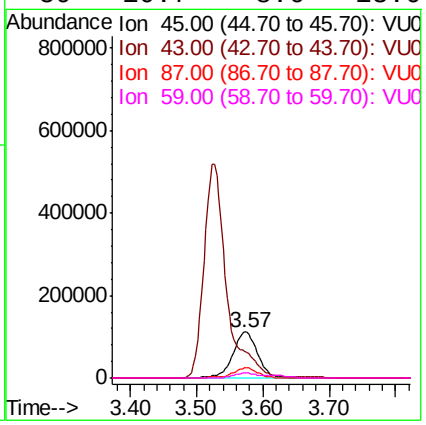


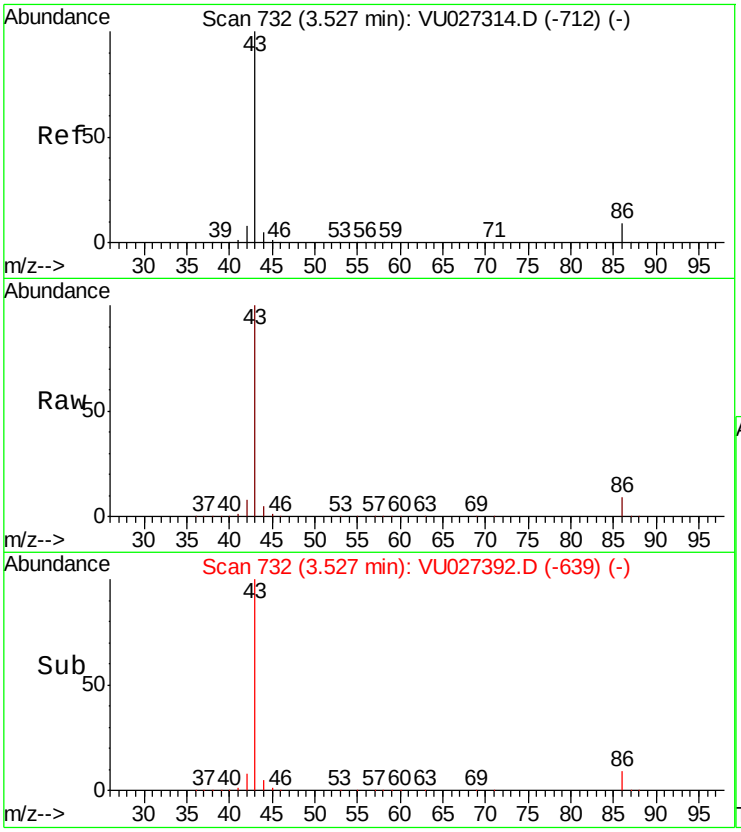




#22
Diisopropyl ether
Concen: 49.232 ug/l
RT: 3.57 min Scan# 746
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion: 45 Resp: 290403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 57.7 | 43.4 | 65.2 |
| 87 | 21.8 | 17.5 | 26.3 |
| 59 | 10.7 | 8.6 | 13.0 |



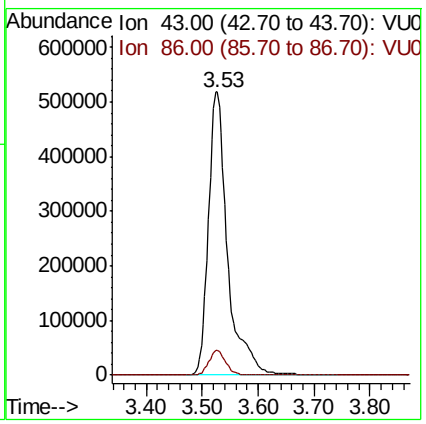


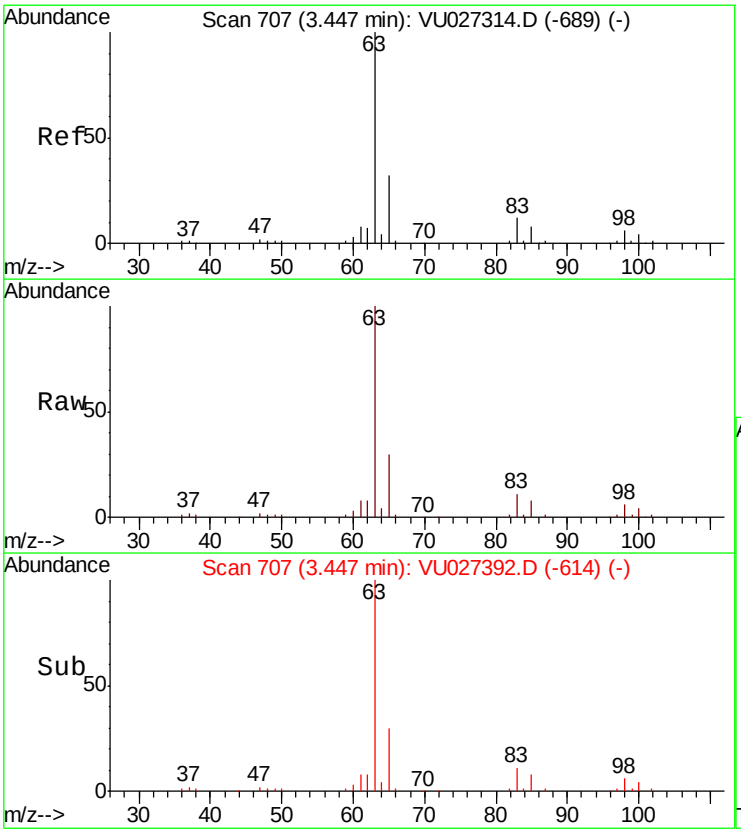

#23
Vinyl Acetate
Concen: 240.681 ug/l
RT: 3.53 min Scan# 732
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion: 43 Resp: 1239839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 8.6 | 7.0 | 10.4 |

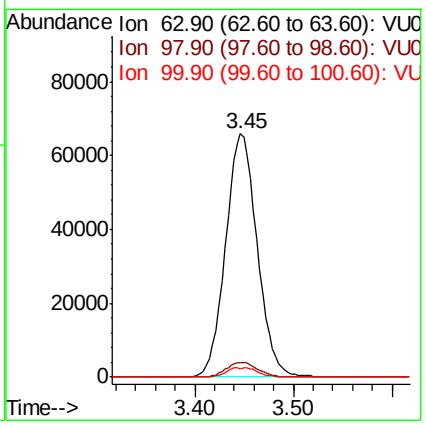


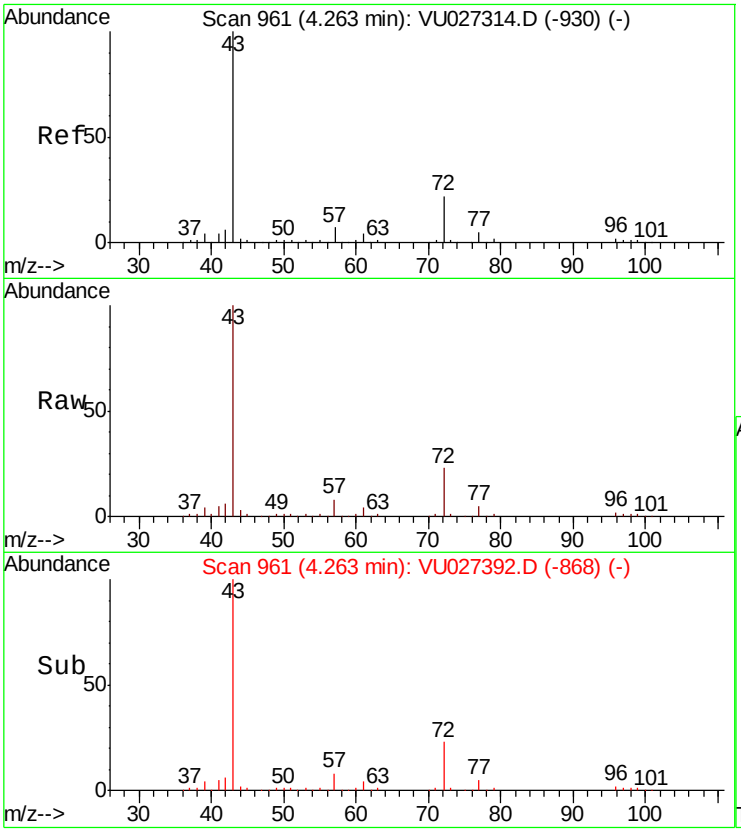




#24
1,1-Dichloroethane
Concen: 48.650 ug/l
RT: 3.45 min Scan# 707
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion: 63 Resp: 147525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 5.9 | 3.0 | 9.2 |
| 100 | 3.6 | 1.8 | 5.5 |



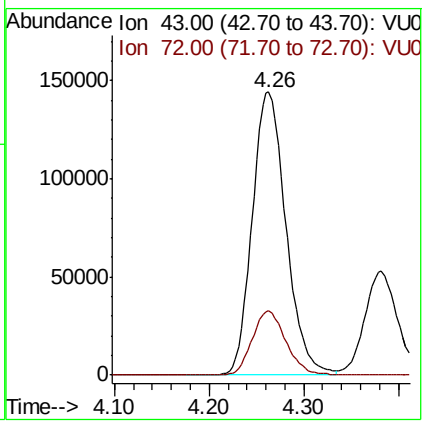


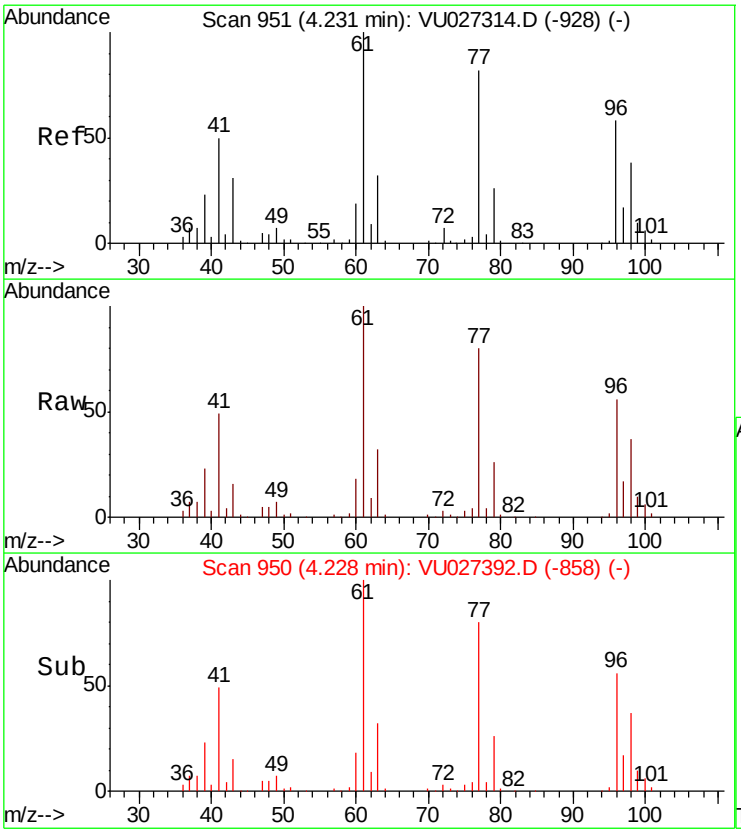

#25
2-Butanone
Concen: 229.045 ug/l
RT: 4.26 min Scan# 961
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion: 43 Resp: 356486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 22.8 | 17.8 | 26.6 |

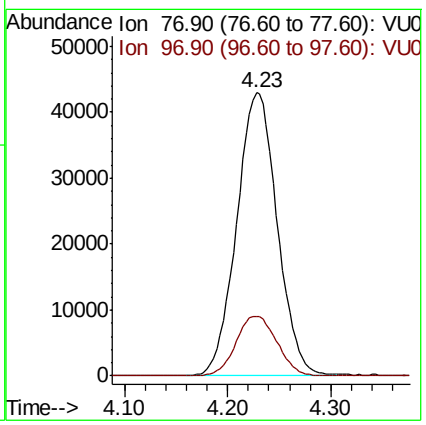


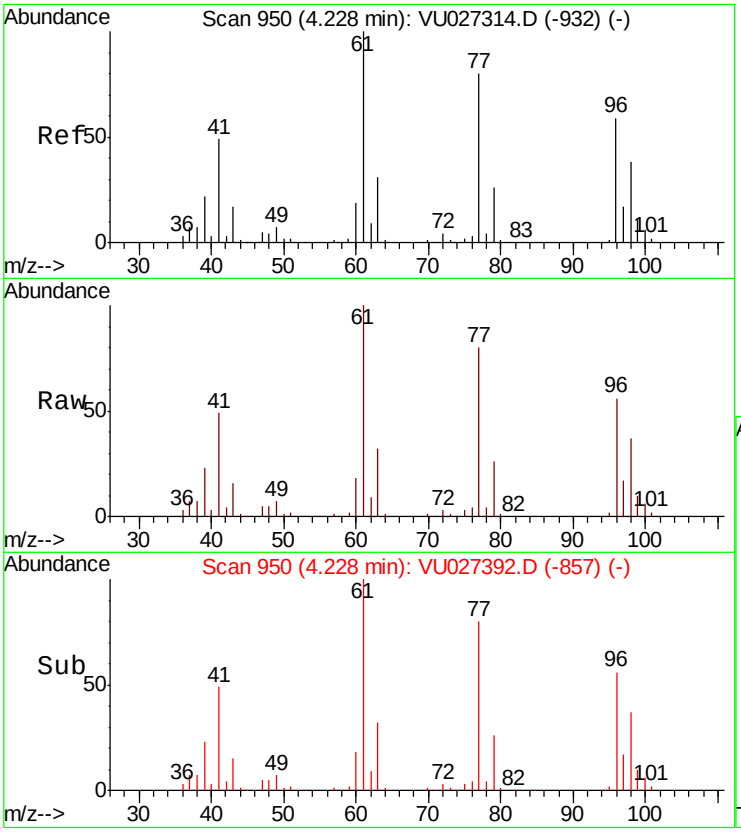




#26
2,2-Dichloropropane
Concen: 47.086 ug/l
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion: 77 Resp: 117324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 21.4 | 10.4 | 31.1 |



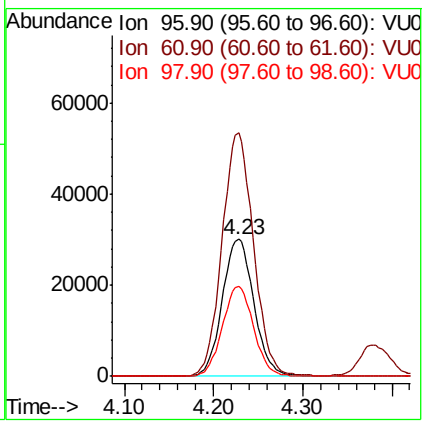


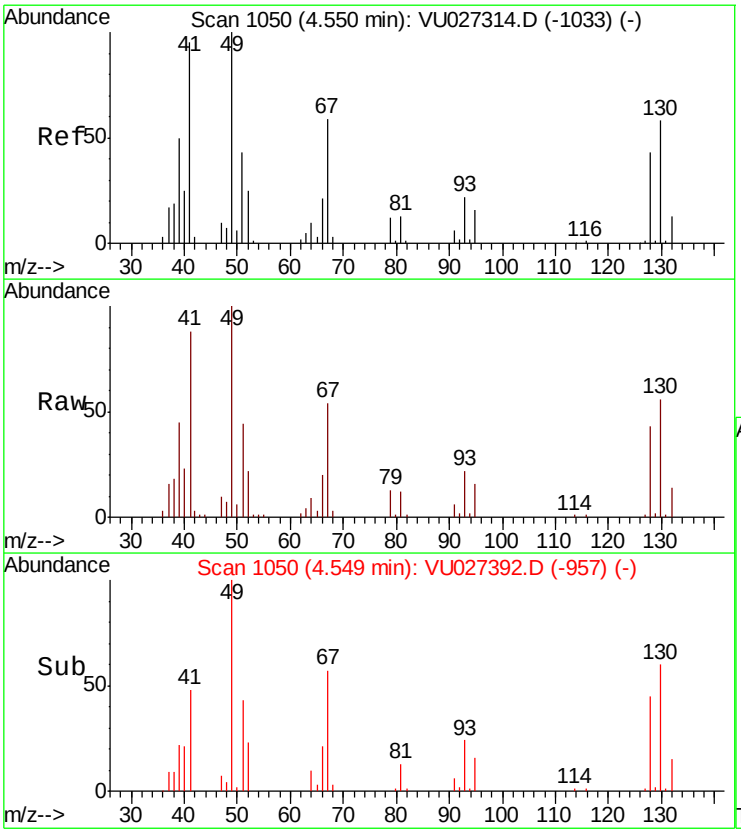

#27
cis-1,2-Dichloroethene
Concen: 46.977 ug/l
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion: 96 Resp: 73713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 177.1 | 0.0 | 343.8 |
| 98 | 64.7 | 0.0 | 129.0 |

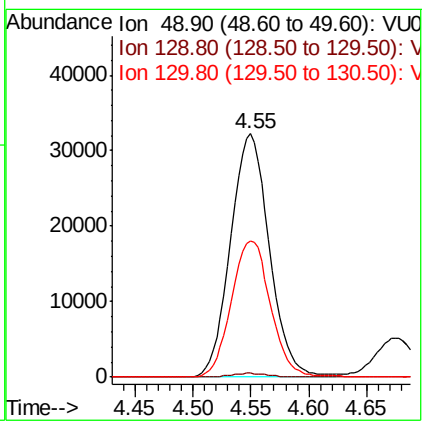


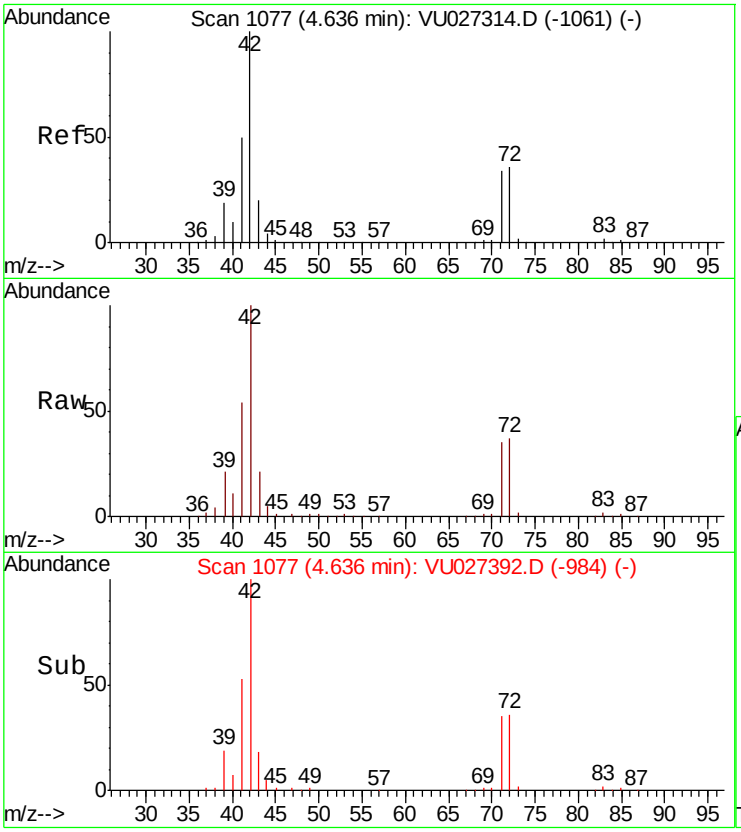




#28
Bromochloromethane
Concen: 51.268 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion: 49 Resp: 75005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.4 | 0.0 | 3.0 |
| 130 | 56.3 | 46.1 | 69.1 |



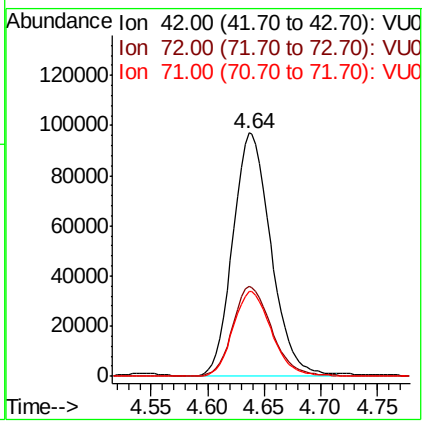


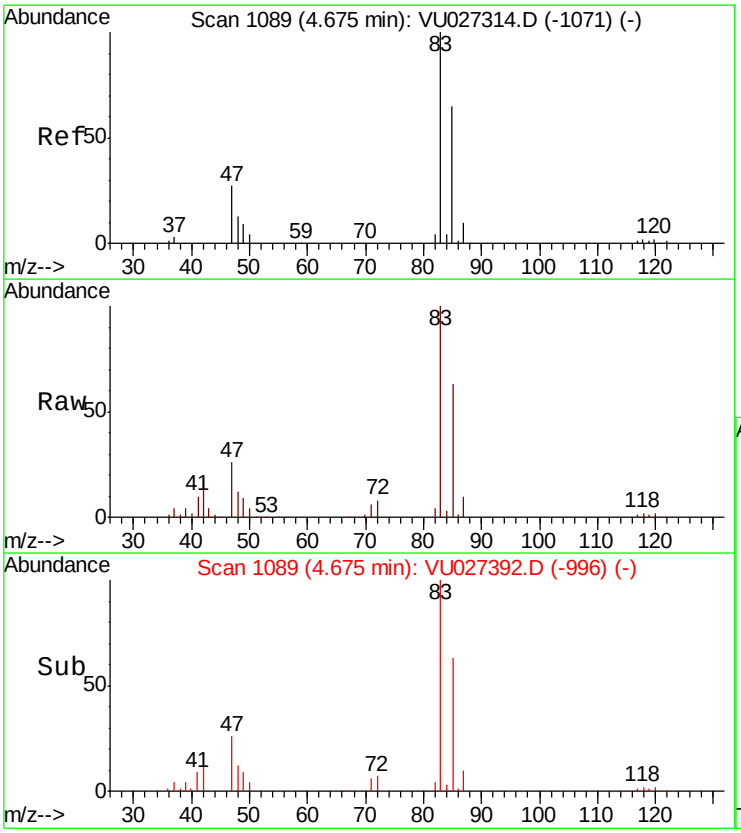

#29
Tetrahydrofuran
Concen: 231.924 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion: 42 Resp: 227486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 37.9 | 30.1 | 45.1 |
| 71 | 35.3 | 27.7 | 41.5 |

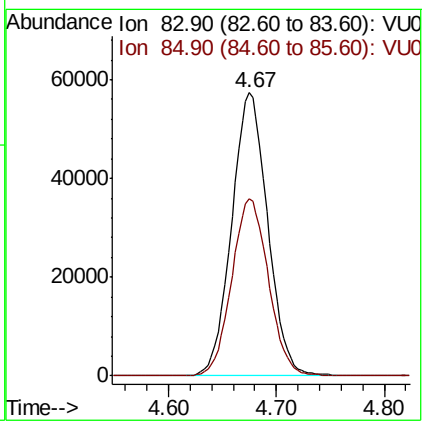


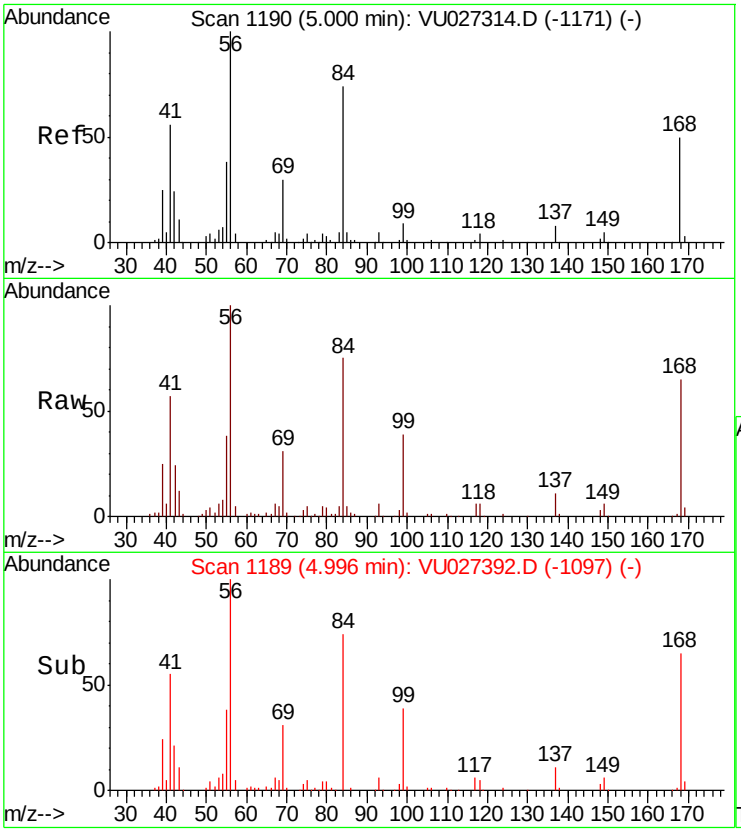




#30
Chloroform
Concen: 49.409 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion: 83 Resp: 133117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 62.8 | 51.8 | 77.6 |



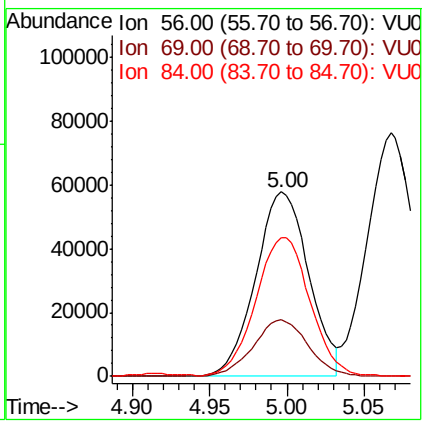


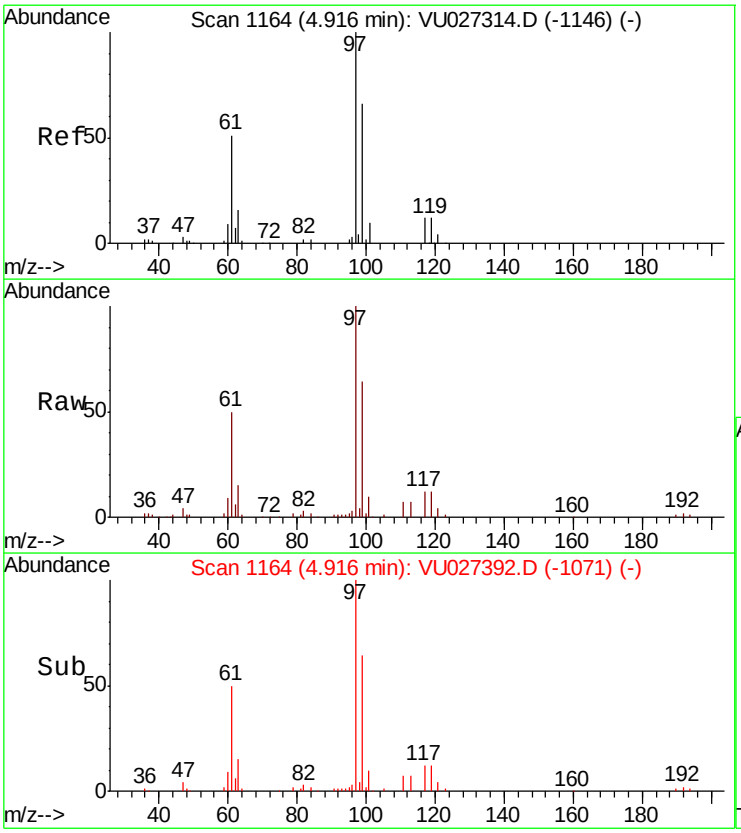

#31
Cyclohexane
Concen: 44.609 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion: 56 Resp: 138304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 30.5 | 24.1 | 36.1 |
| 84 | 74.4 | 59.1 | 88.7 |

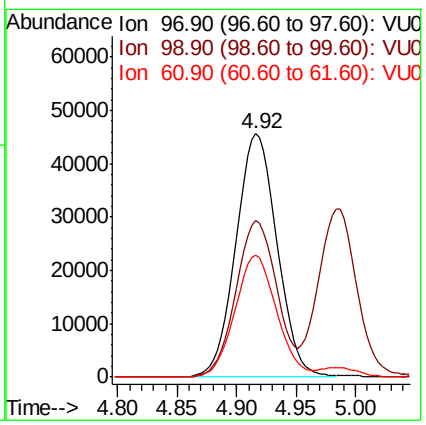


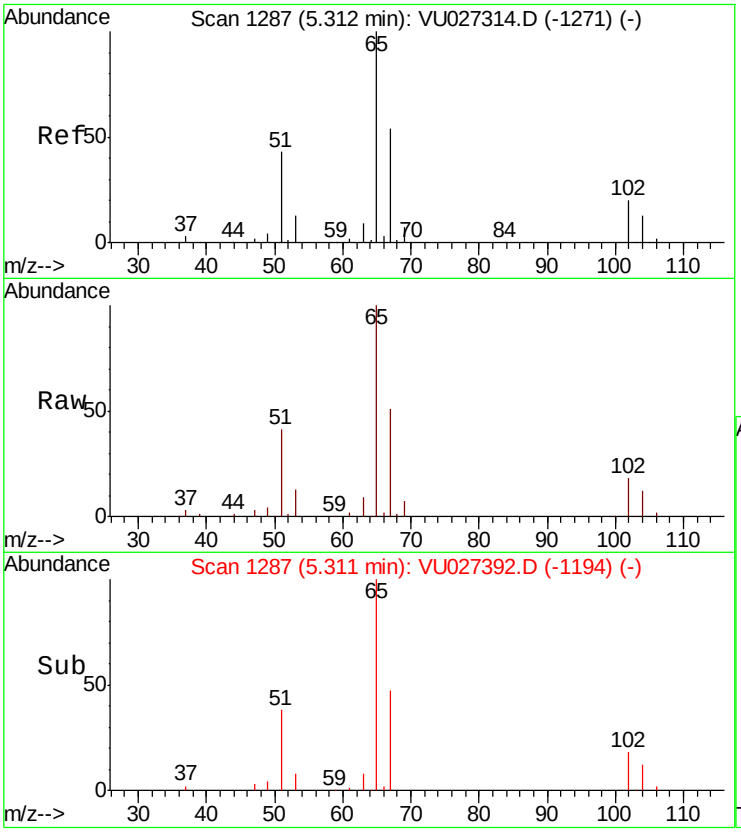




#32
1,1,1-Trichloroethane
Concen: 48.360 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion: 97 Resp: 109731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.1 | 51.1 | 76.7 |
| 61 | 50.4 | 39.6 | 59.4 |



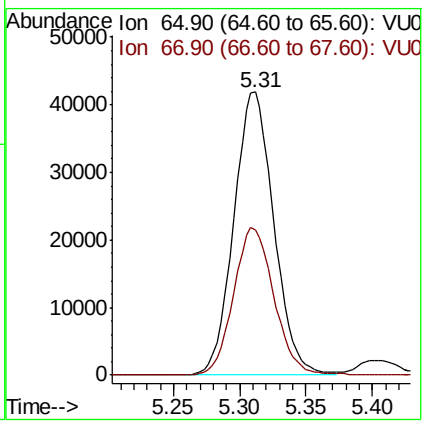


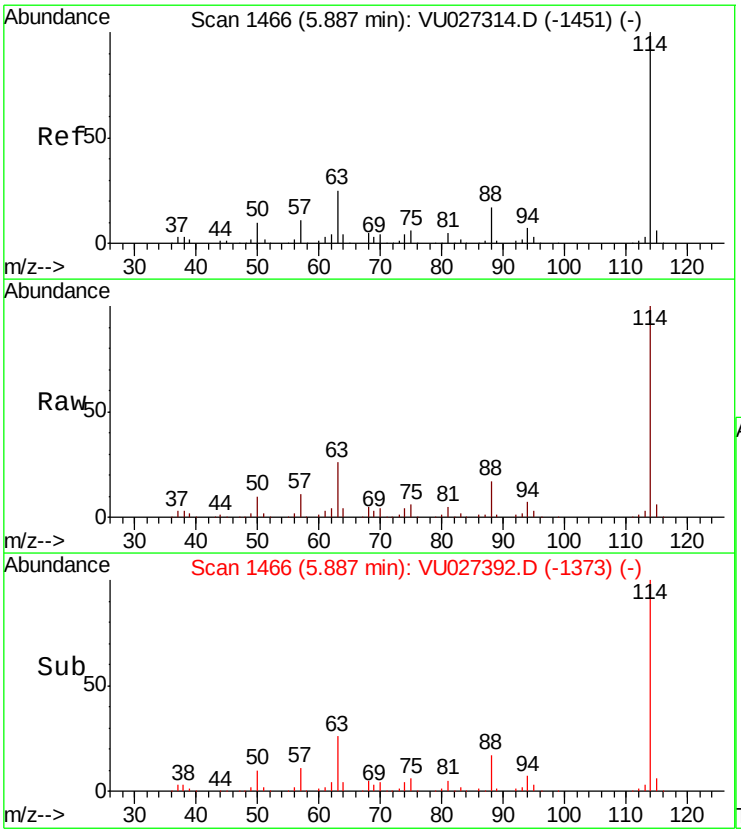

#33
1,2-Dichloroethane-d4
Concen: 45.560 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion: 65 Resp: 88022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.6 | 0.0 | 107.8 |

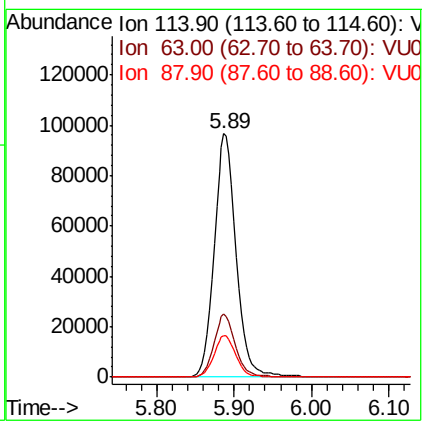


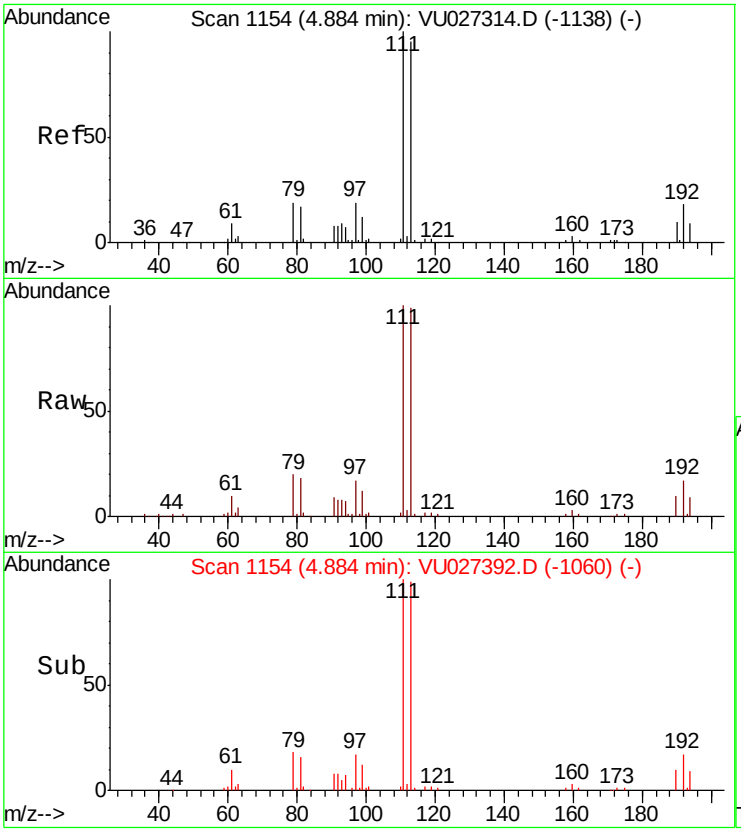




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1466
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion:114 Resp: 192100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 25.8 | 0.0 | 50.2 |
| 88 | 17.1 | 0.0 | 33.8 |



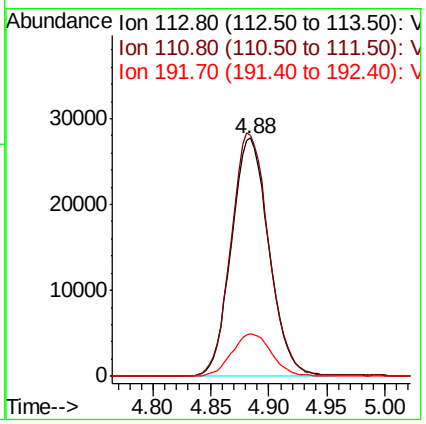


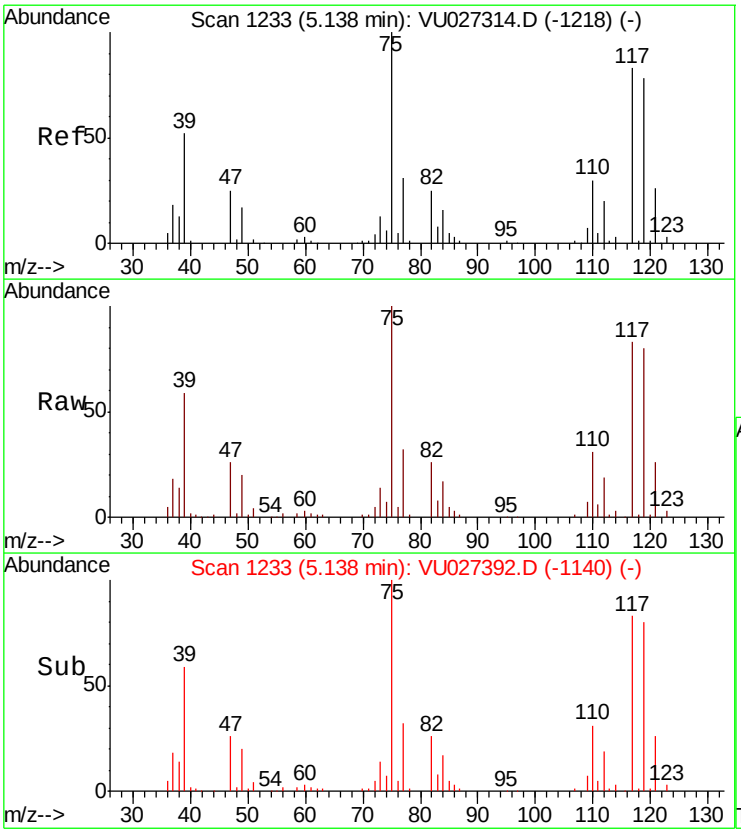

#35
Dibromofluoromethane
Concen: 47.607 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. 0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion:113 Resp: 62676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.4 | 83.1 | 124.7 |
| 192 | 18.8 | 15.4 | 23.0 |

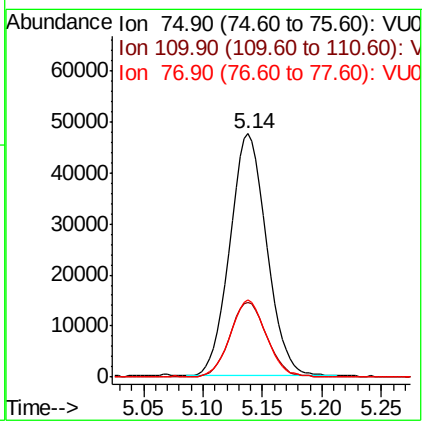


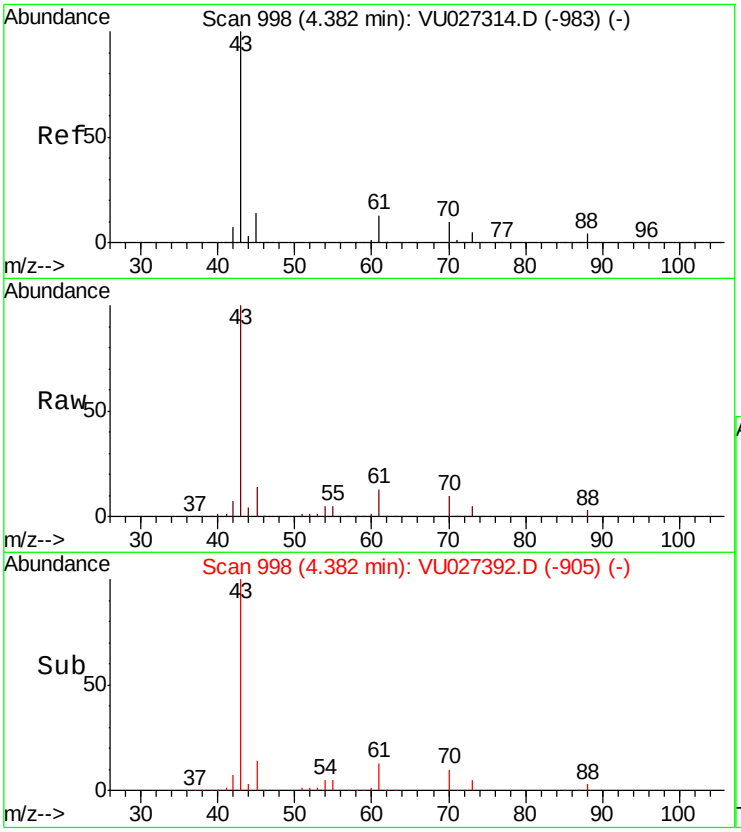




#36
1,1-Dichloropropene
Concen: 48.644 ug/l
RT: 5.14 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion: 75 Resp: 101460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 31.3 | 15.5 | 46.5 |
| 77 | 30.6 | 25.4 | 38.0 |



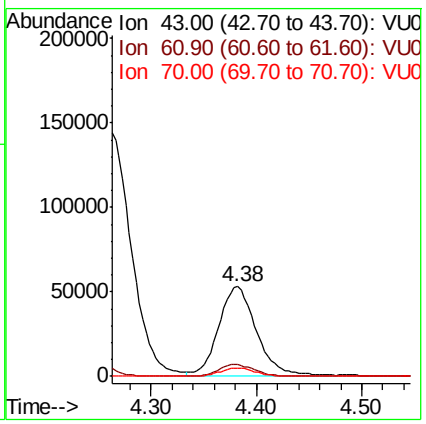


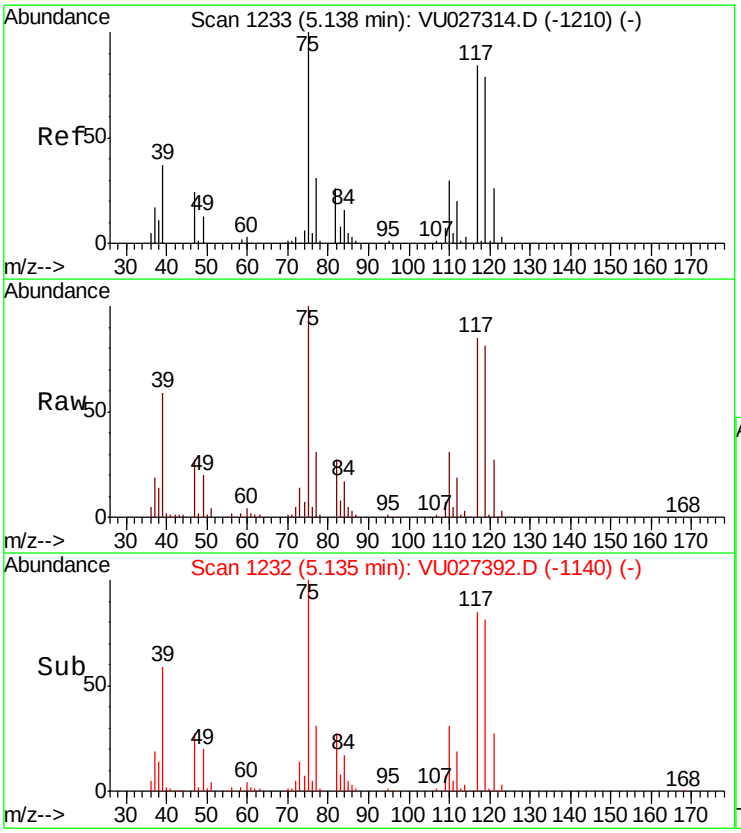

#37
Ethyl Acetate
Concen: 48.040 ug/l
RT: 4.38 min Scan# 998
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion: 43 Resp: 129500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 13.3 | 10.7 | 16.1 |
| 70 | 9.0 | 7.4 | 11.2 |

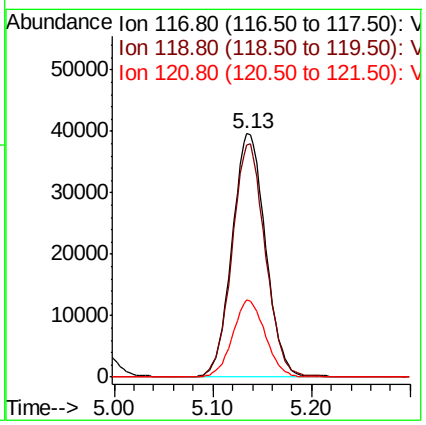


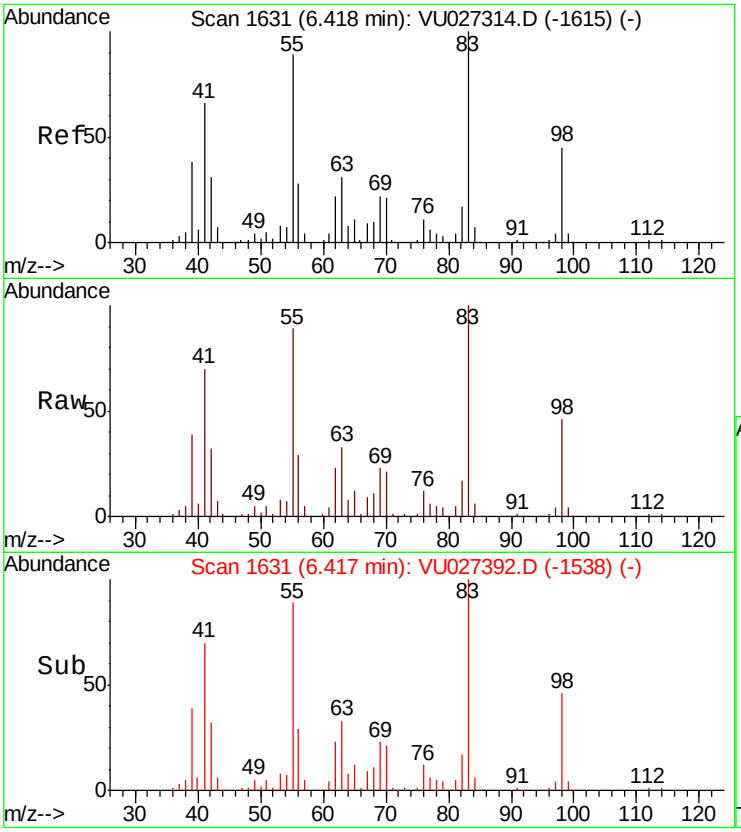




#38
Carbon Tetrachloride
Concen: 49.554 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion:117 Resp: 93365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.5 | 74.5 | 111.7 |
| 121 | 31.7 | 24.6 | 37.0 |



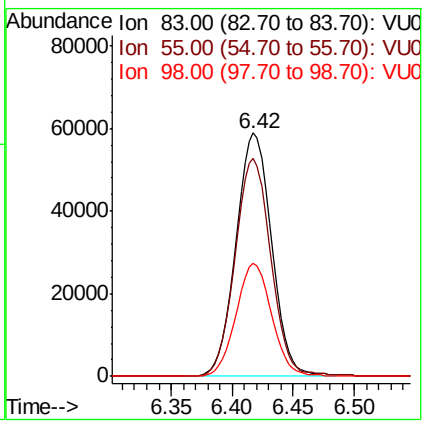


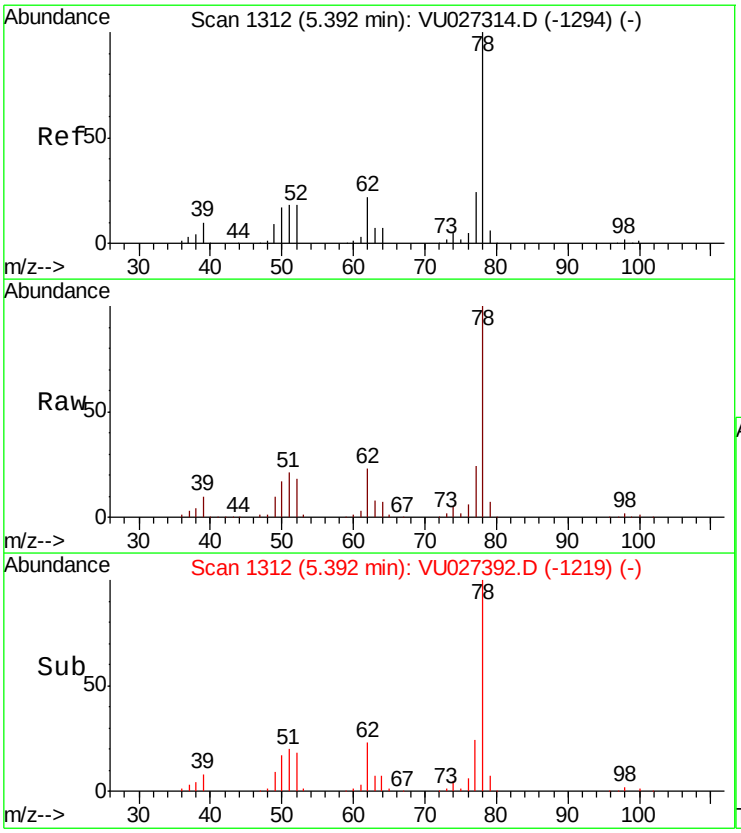

#39
Methylcyclohexane
Concen: 48.778 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion: 83 Resp: 118930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 89.3 | 71.1 | 106.7 |
| 98 | 46.2 | 36.3 | 54.5 |

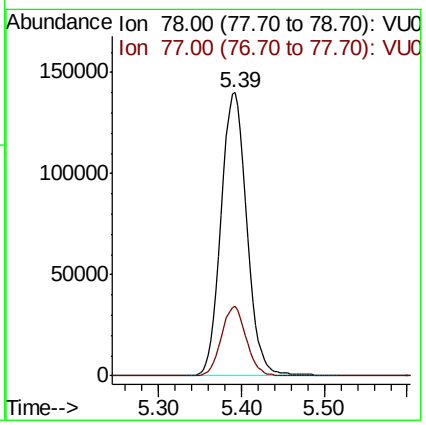


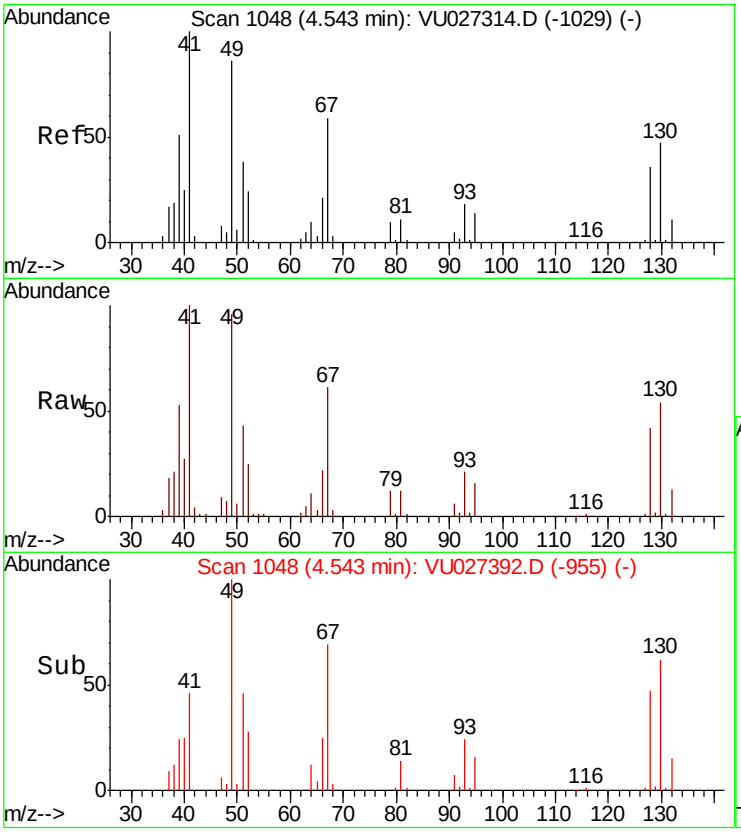




#40
Benzene
Concen: 49.989 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion: 78 Resp: 303714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 24.4 | 19.3 | 28.9 |



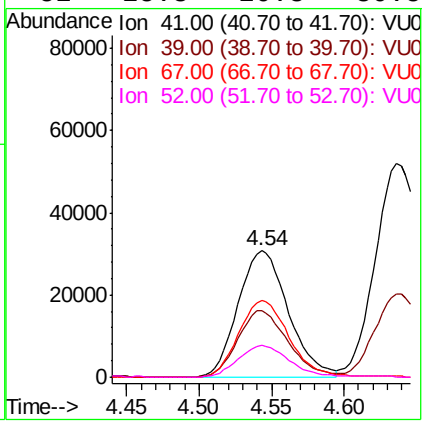


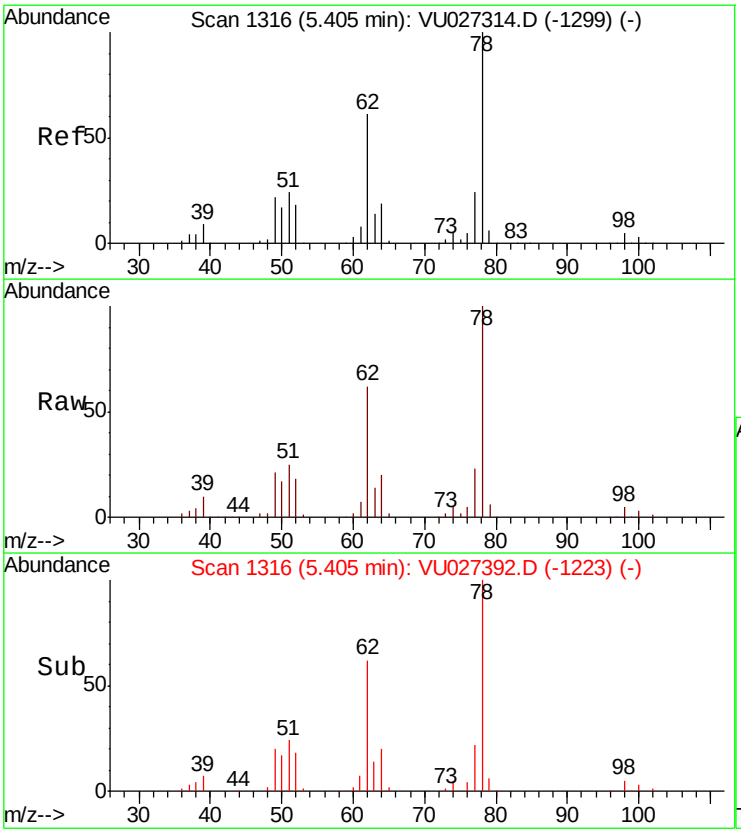

#41
Methacrylonitrile
Concen: 48.666 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion: 41 Resp: 74149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 52.7 | 41.1 | 61.7 |
| 67 | 60.4 | 50.4 | 75.6 |
| 52 | 25.3 | 20.3 | 30.5 |

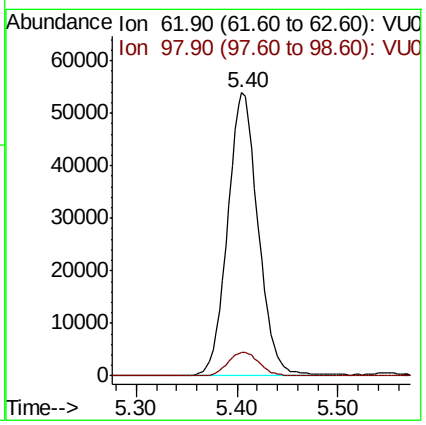


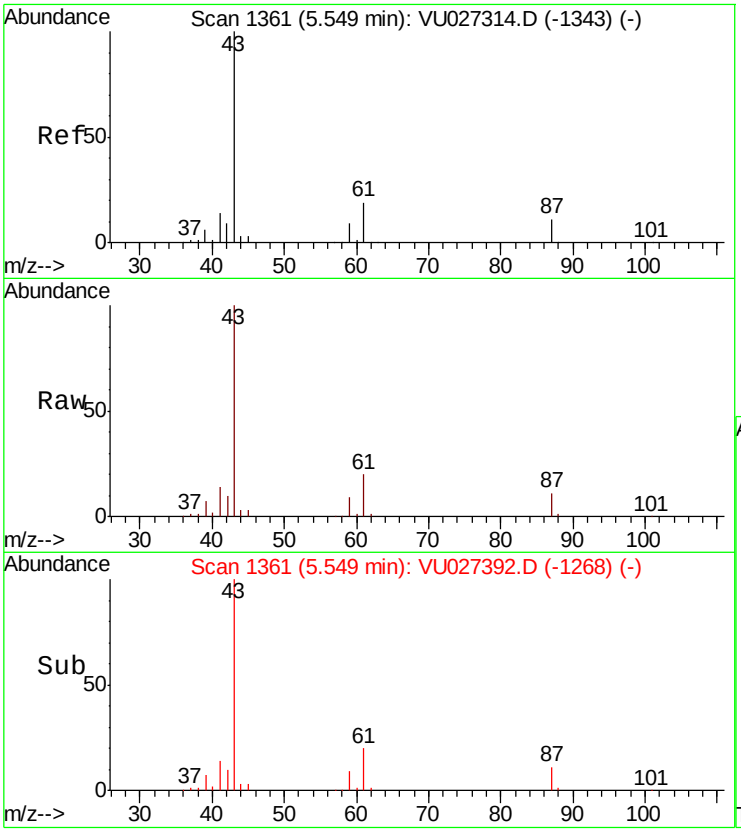




#42
1,2-Dichloroethane
Concen: 50.426 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion: 62 Resp: 113721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.5 | 0.0 | 16.8 |



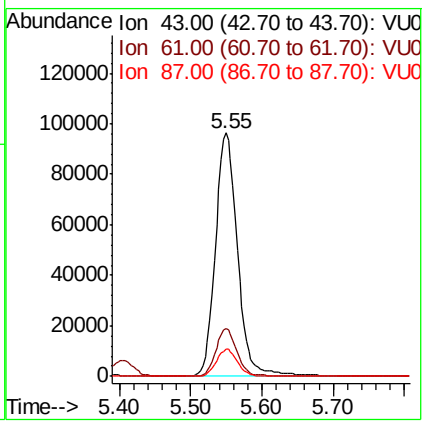


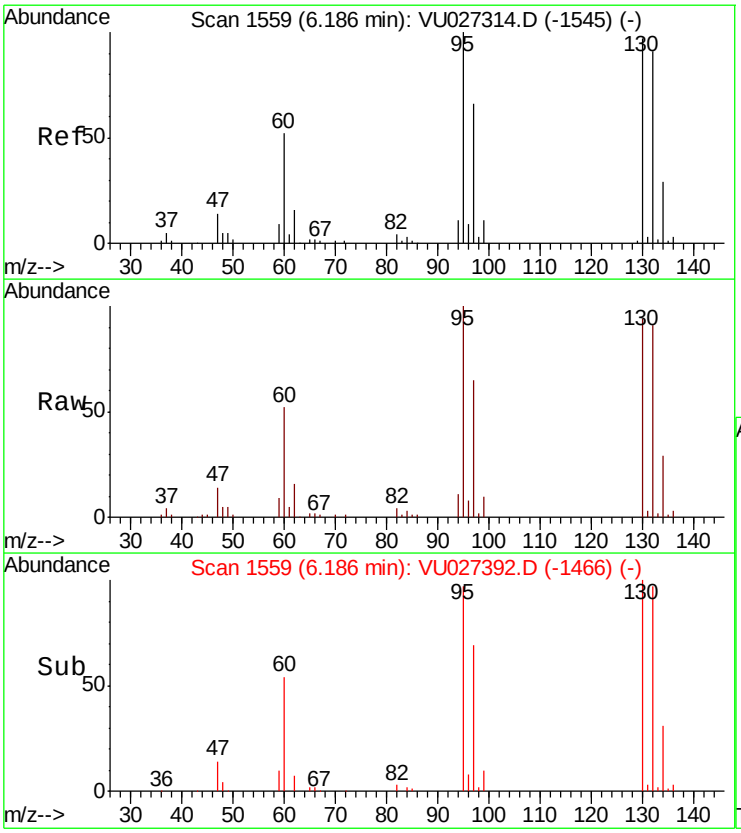

#43
Isopropyl Acetate
Concen: 49.424 ug/l
RT: 5.55 min Scan# 1361
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion: 43 Resp: 206922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 18.5 | 15.3 | 22.9 |
| 87 | 10.6 | 8.6 | 13.0 |

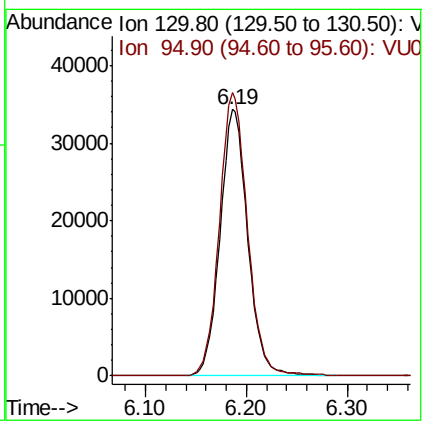


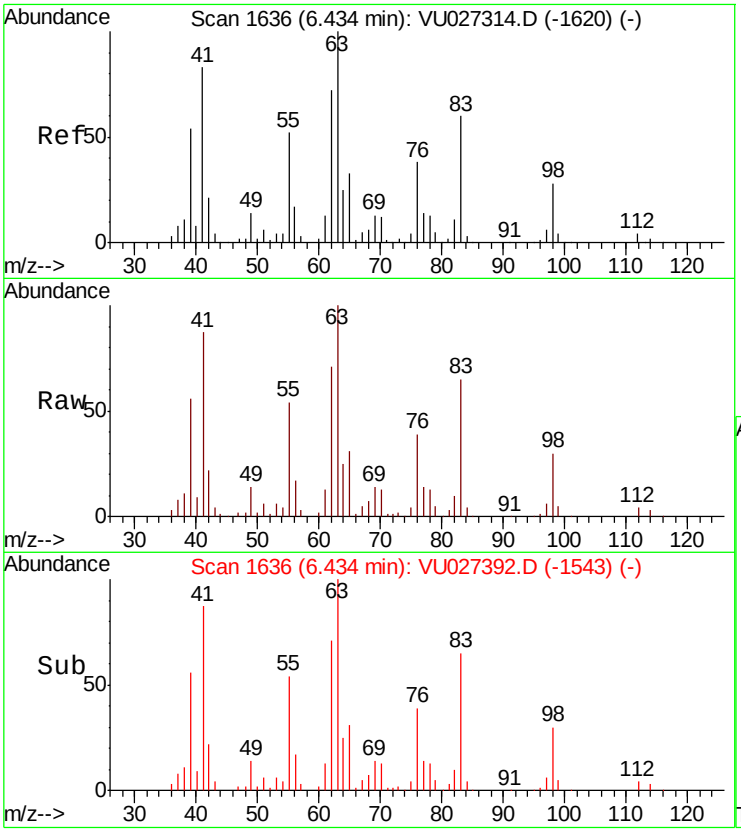




#44
Trichloroethene
Concen: 48.469 ug/l
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion:130 Resp: 65664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 106.1 | 0.0 | 207.0 |



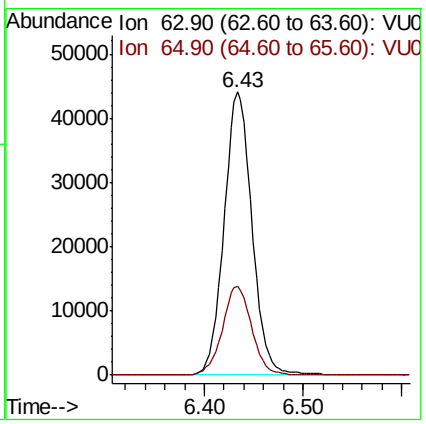


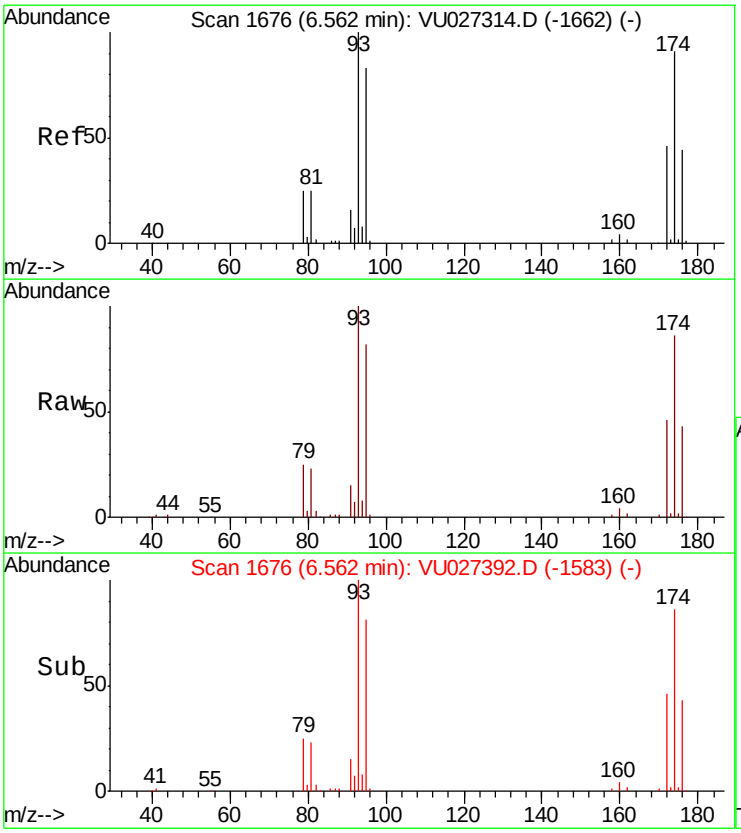

#45
1,2-Dichloropropane
Concen: 49.761 ug/l
RT: 6.43 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion: 63 Resp: 87201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.2 | 26.0 | 39.0 |

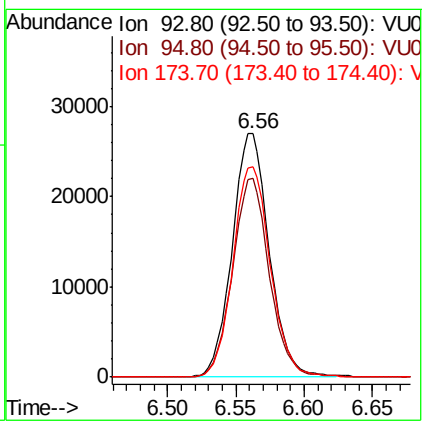


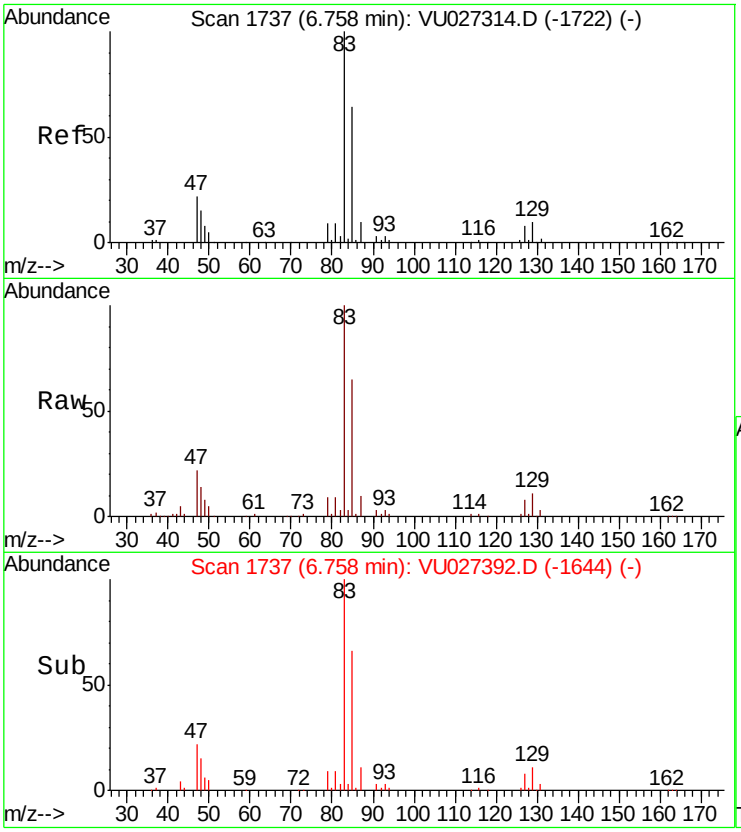




#46
Dibromomethane
Concen: 51.291 ug/l
RT: 6.56 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion: 93 Resp: 50764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 81.3 | 66.5 | 99.7 |
| 174 | 87.7 | 72.5 | 108.7 |



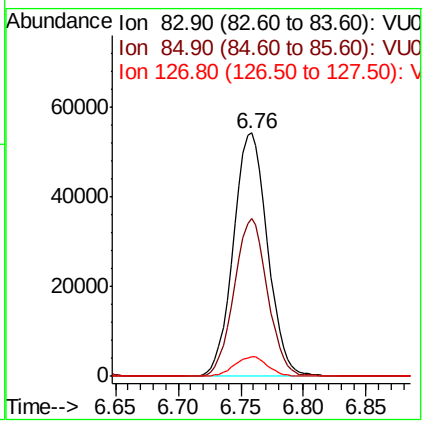


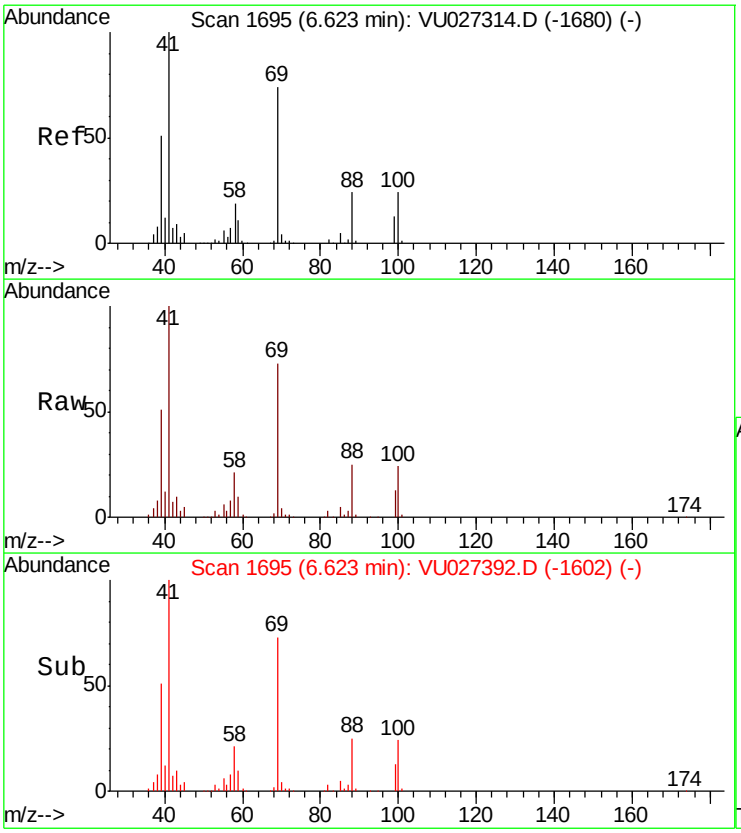

#47
Bromodichloromethane
Concen: 49.965 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion: 83 Resp: 102613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.8 | 51.4 | 77.0 |
| 127 | 8.0 | 6.3 | 9.5 |

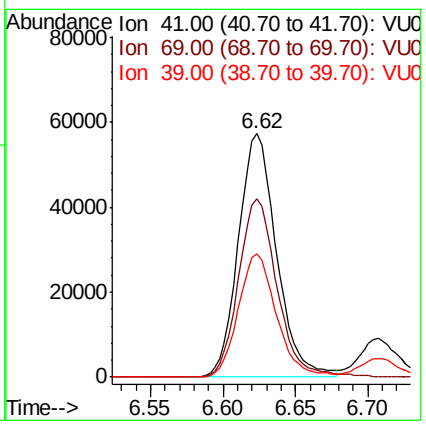


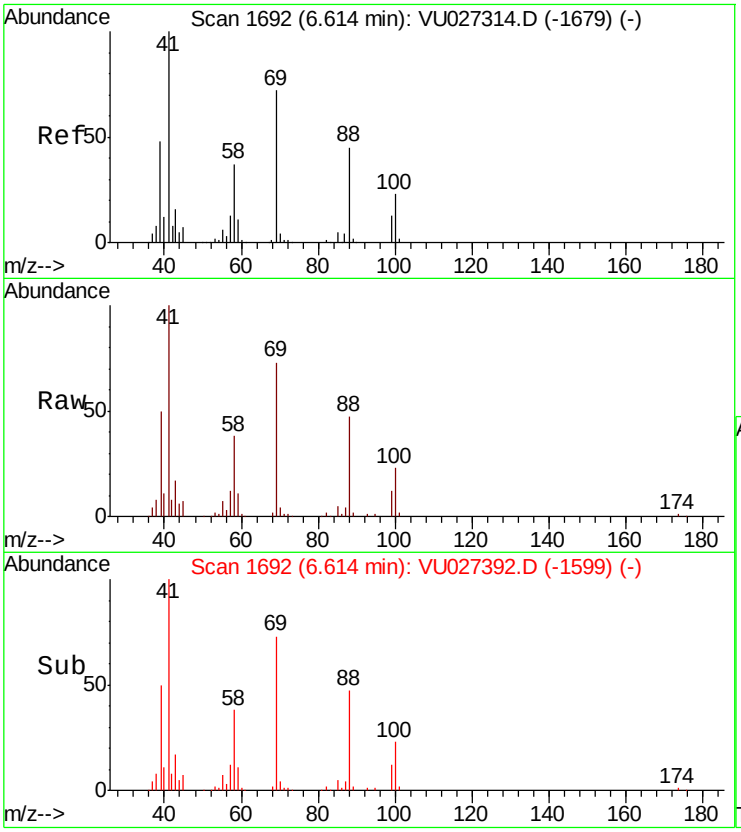




#48
Methyl methacrylate
Concen: 50.143 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion: 41 Resp: 104396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 74.8 | 61.0 | 91.4 |
| 39 | 50.4 | 39.9 | 59.9 |



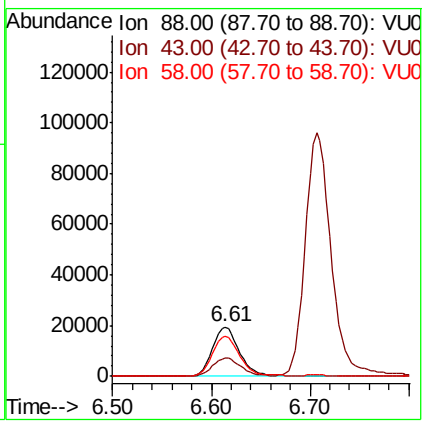


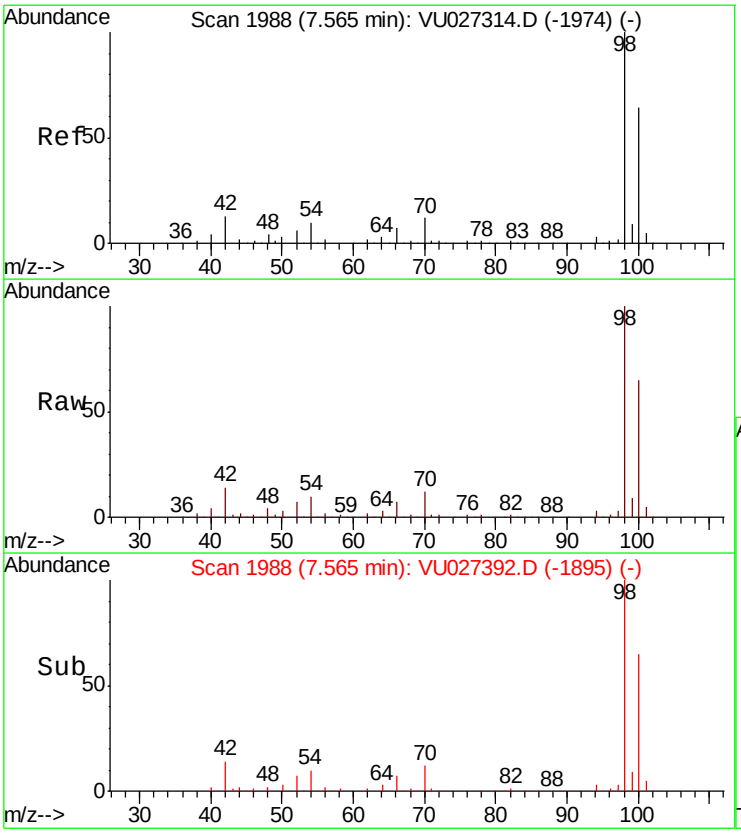

#49
1,4-Dioxane
Concen: 1061.059 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion: 88 Resp: 38009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 36.9 | 30.8 | 46.2 |
| 58 | 81.2 | 67.0 | 100.6 |

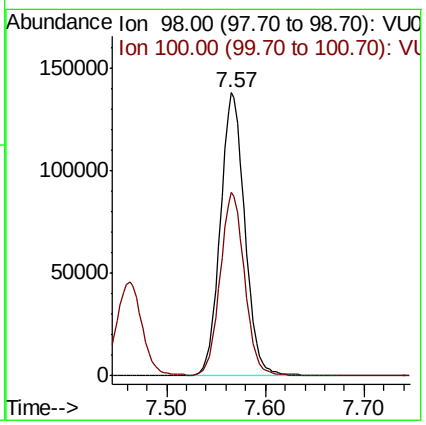


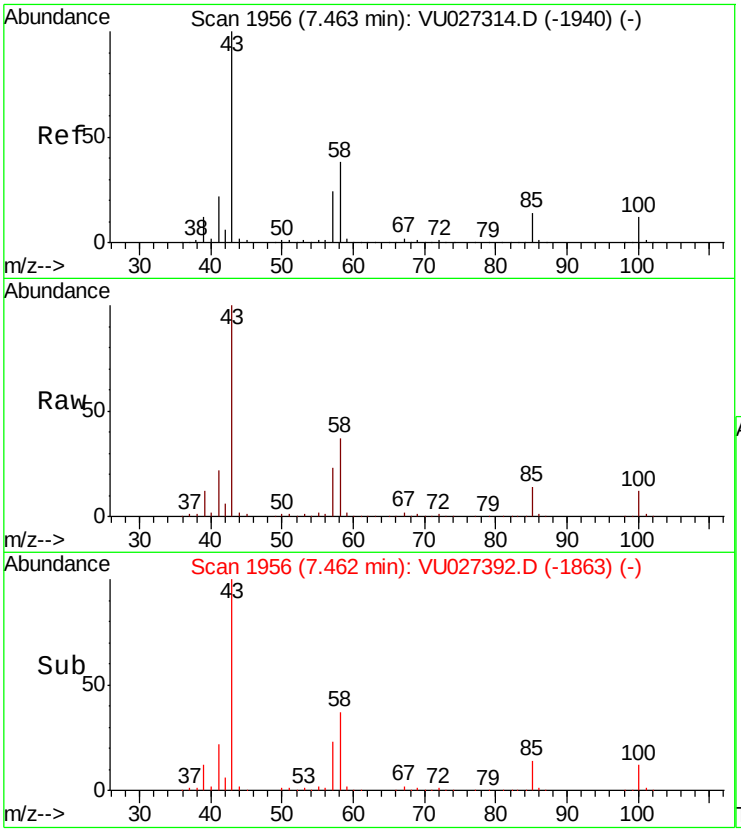




#50
Toluene-d8
Concen: 48.972 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion: 98 Resp: 241300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.4 | 52.1 | 78.1 |



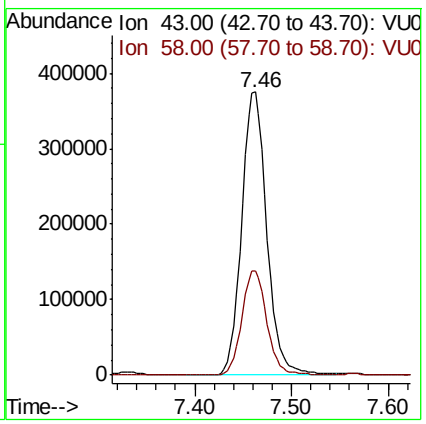


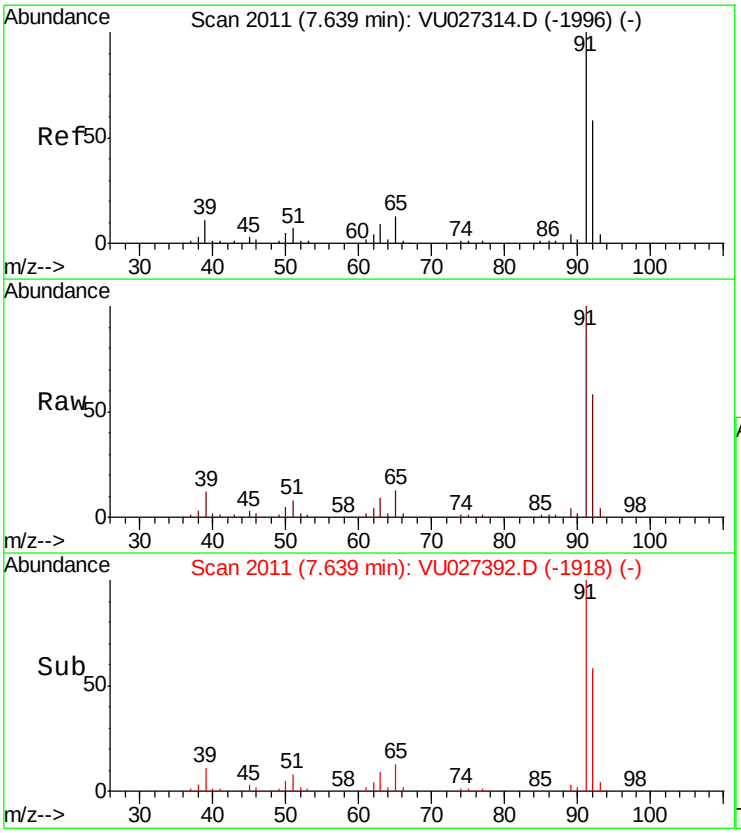

#51
4-Methyl-2-Pentanone
Concen: 248.108 ug/l
RT: 7.46 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion: 43 Resp: 674983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 36.9 | 29.8 | 44.8 |

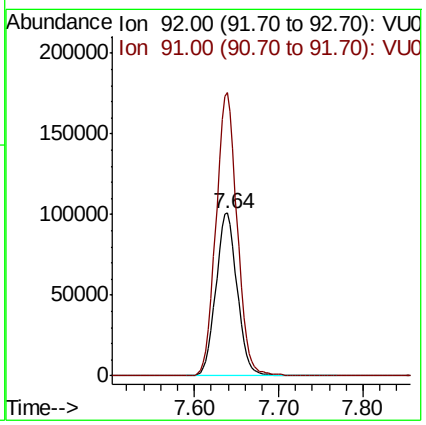


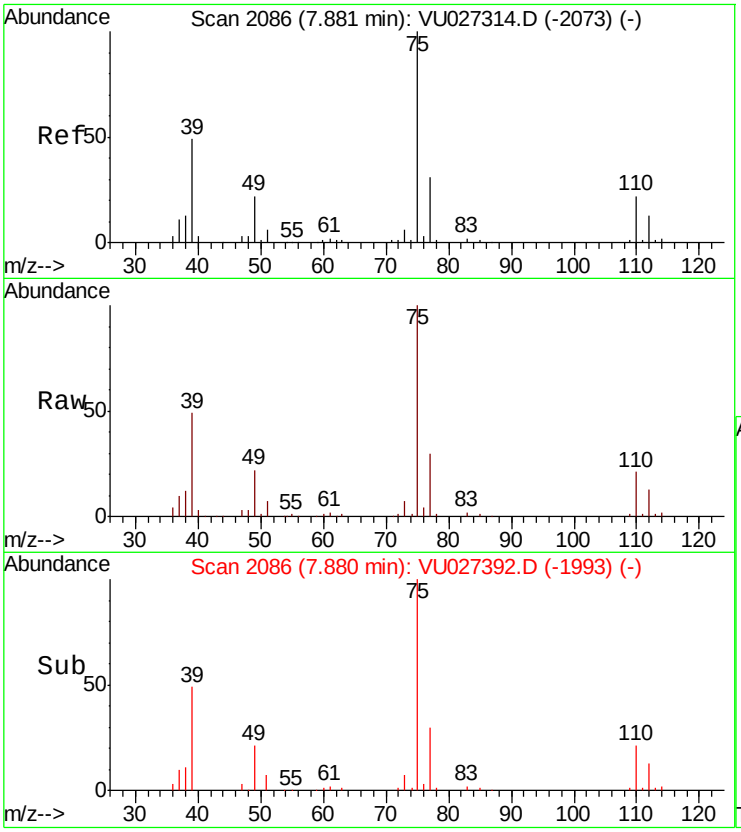




#52
Toluene
Concen: 49.397 ug/l
RT: 7.64 min Scan# 2011
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion: 92 Resp: 177638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 172.7 | 138.6 | 208.0 |



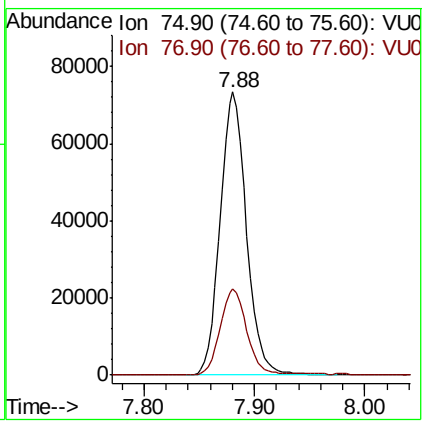


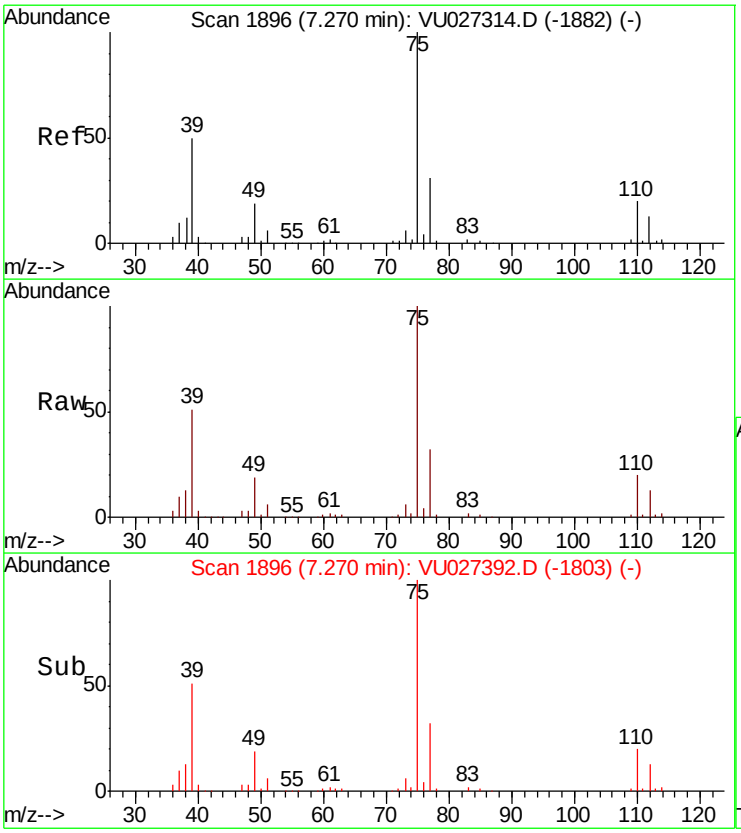

#53
t-1,3-Dichloropropene
Concen: 50.276 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion: 75 Resp: 121060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.3 | 25.0 | 37.6 |

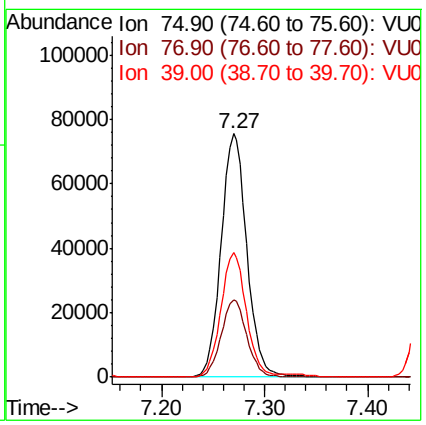


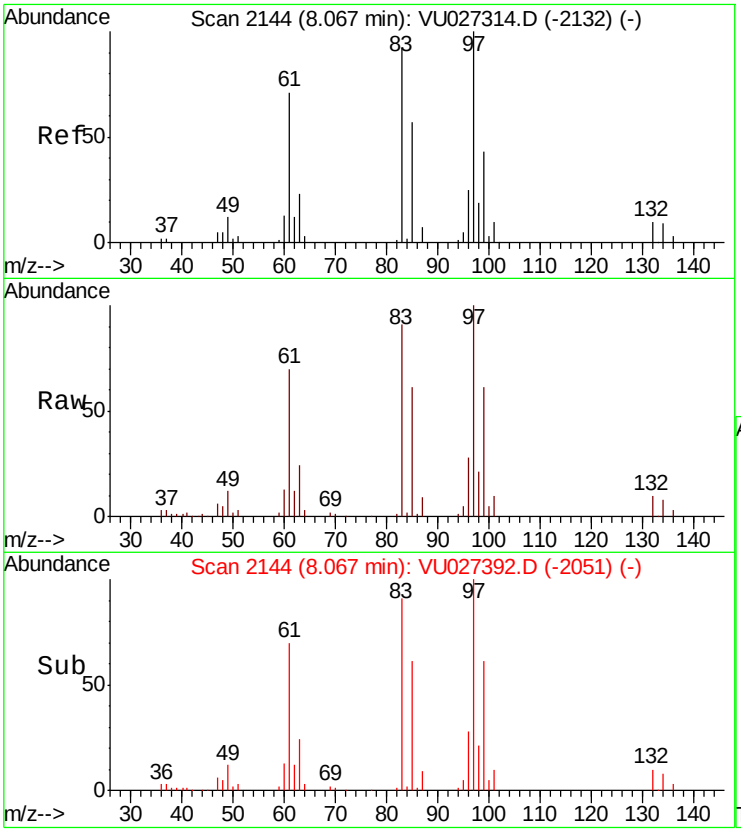




#54
cis-1,3-Dichloropropene
Concen: 50.590 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion: 75 Resp: 130956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.9 | 24.5 | 36.7 |
| 39 | 51.0 | 40.1 | 60.1 |



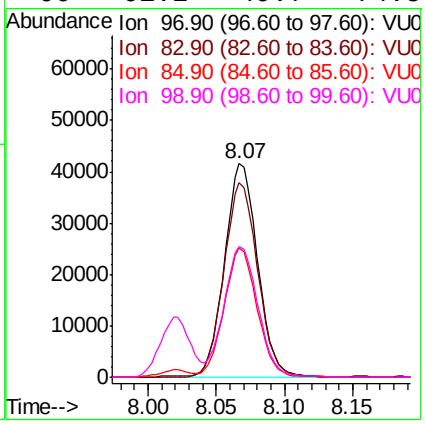


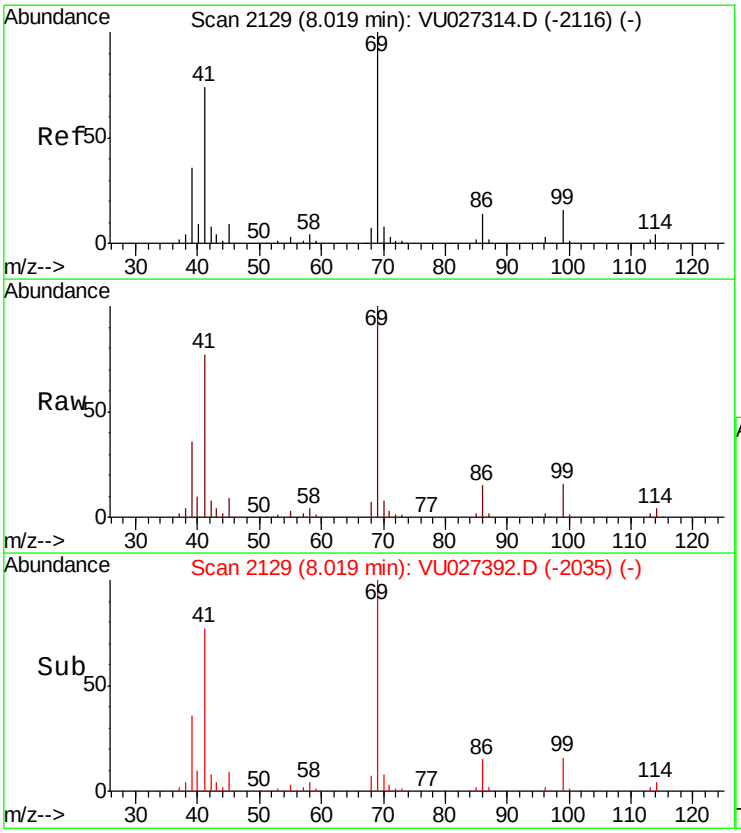

#55
1,1,2-Trichloroethane
Concen: 49.186 ug/l
RT: 8.07 min Scan# 2144
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion: 97 Resp: 70129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 91.3 | 73.0 | 109.6 |
| 85 | 60.7 | 47.3 | 70.9 |
| 99 | 61.2 | 49.7 | 74.5 |

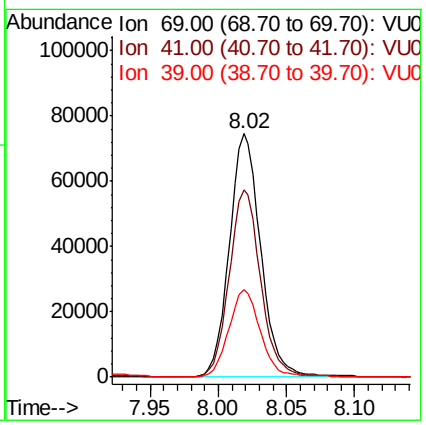


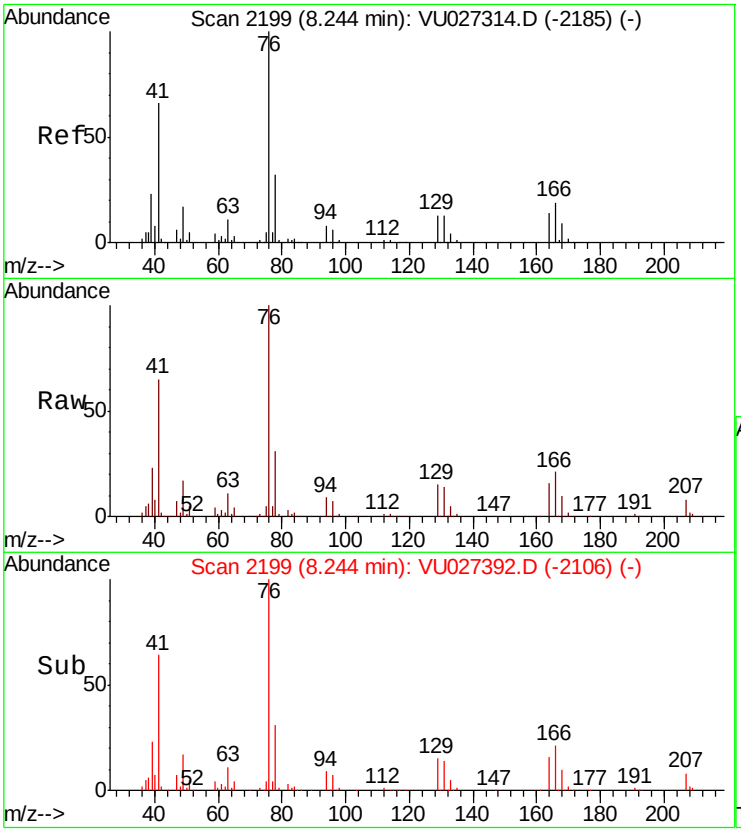




#56
Ethyl methacrylate
Concen: 43.916 ug/l
RT: 8.02 min Scan# 2129
Delta R.T. 0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion: 69 Resp: 119118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 77.6 | 60.0 | 90.0 |
| 39 | 35.8 | 29.5 | 44.3 |



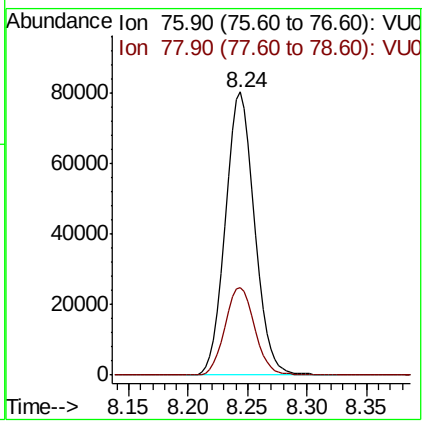


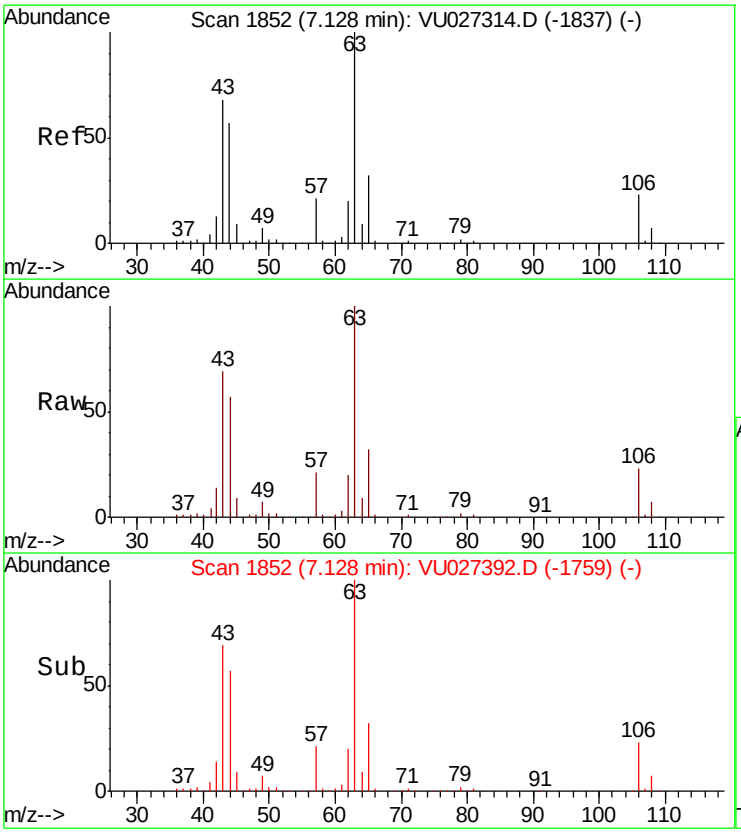

#57
1,3-Dichloropropane
Concen: 49.335 ug/l
RT: 8.24 min Scan# 2199
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion: 76 Resp: 136554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 31.5 | 25.8 | 38.6 |

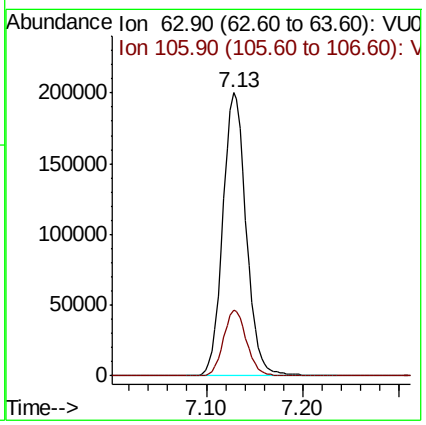


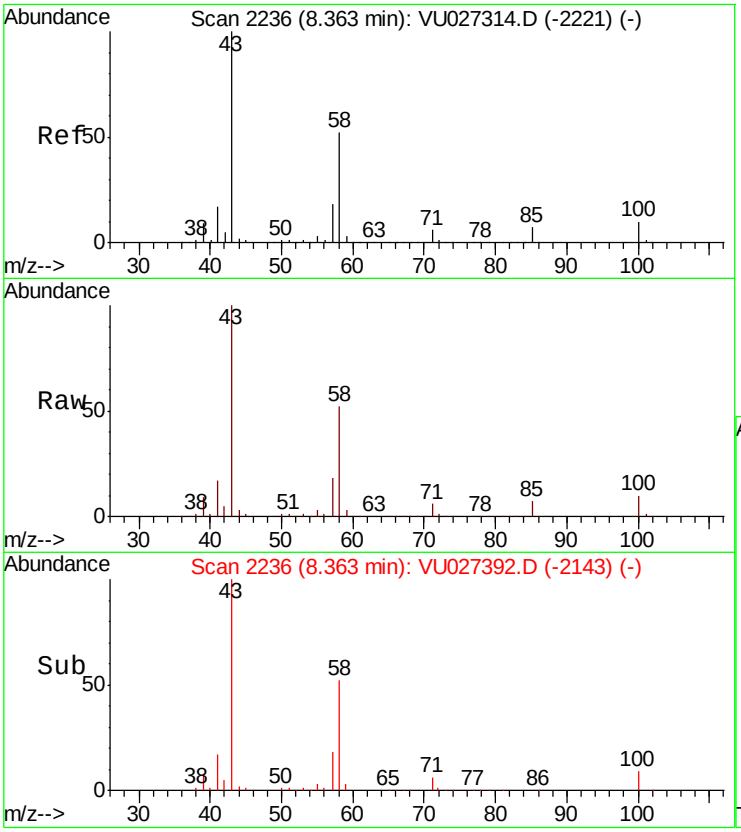




#58
2-Chloroethyl Vinyl ether
Concen: 225.186 ug/l
RT: 7.13 min Scan# 1852
Delta R.T. 0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion: 63 Resp: 336383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 23.0 | 18.5 | 27.7 |



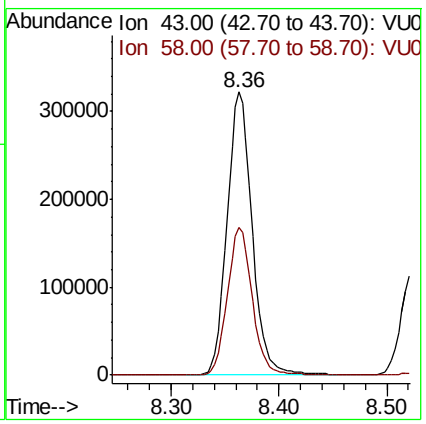


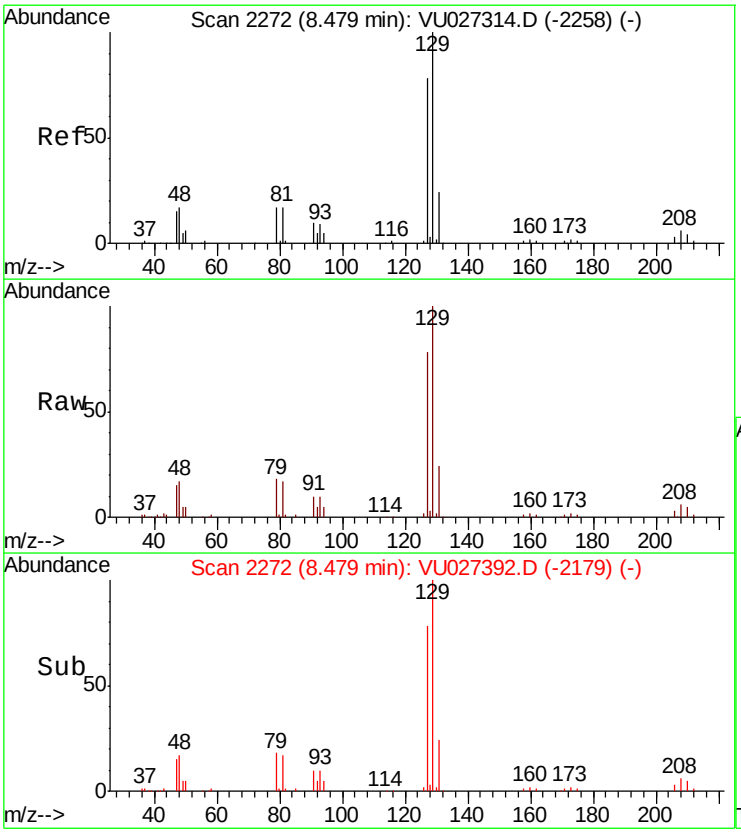

#59
2-Hexanone
Concen: 247.508 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion: 43 Resp: 522335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 51.9 | 26.1 | 78.3 |

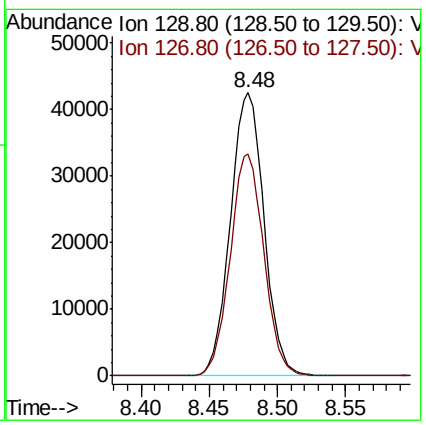


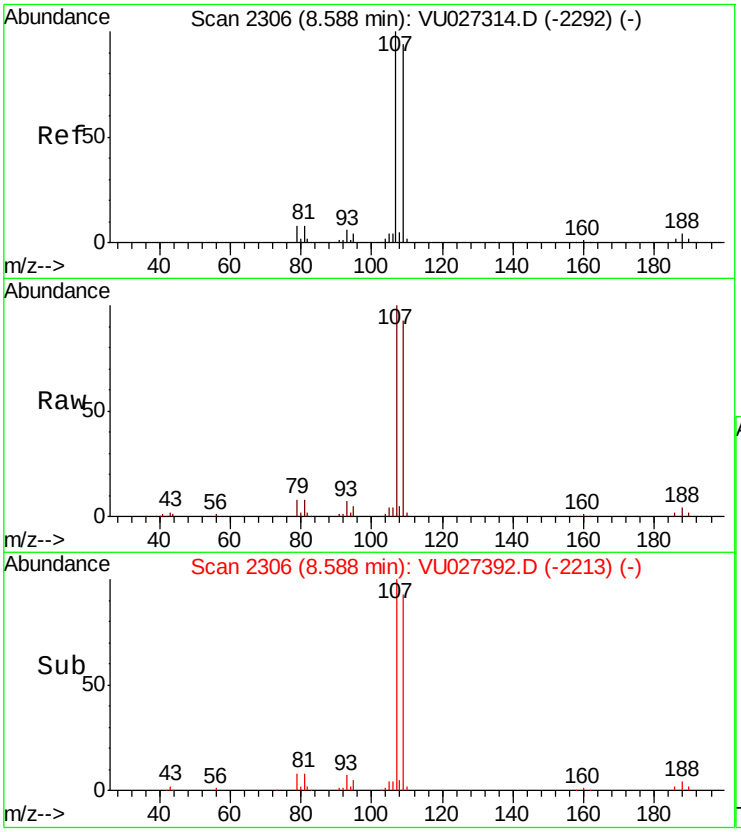




#60
Dibromochloromethane
Concen: 51.012 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion:129 Resp: 72948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 78.1 | 39.1 | 117.2 |



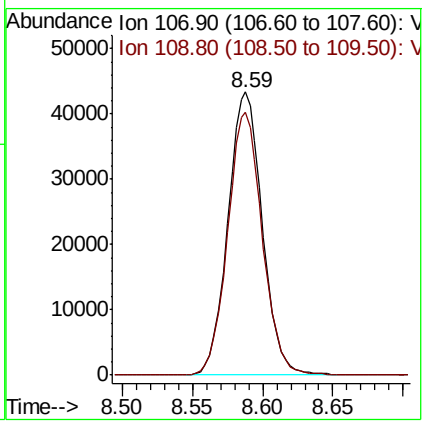


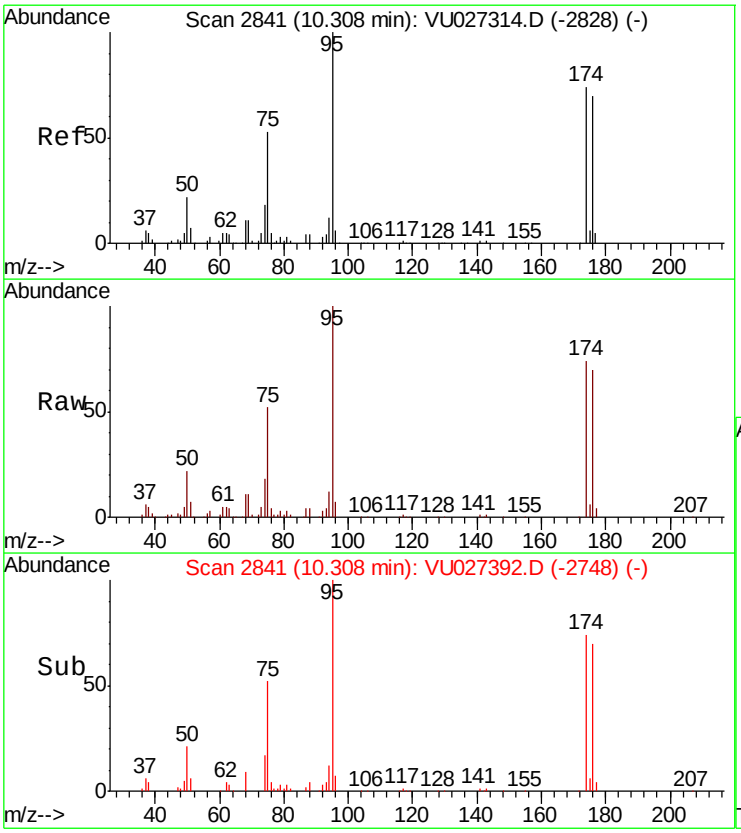

#61
1,2-Dibromoethane
Concen: 48.641 ug/l
RT: 8.59 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion:107 Resp: 73737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 93.5 | 74.5 | 111.7 |

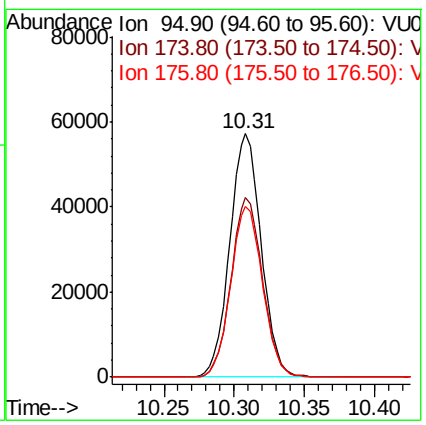


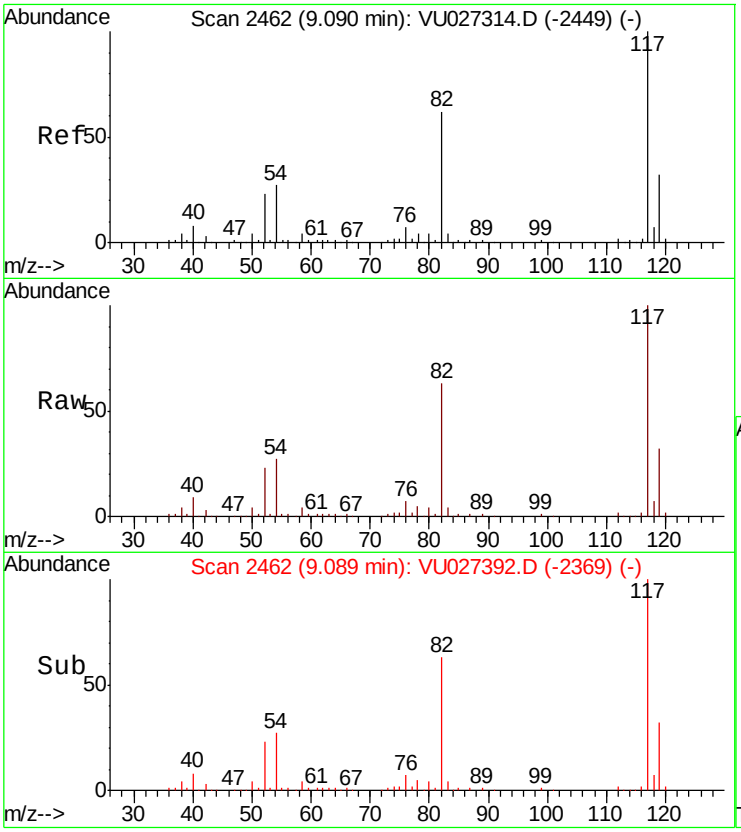




#62
4-Bromofluorobenzene
Concen: 48.776 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion: 95 Resp: 89317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 74.0 | 0.0 | 147.8 |
| 176 | 71.1 | 0.0 | 140.8 |



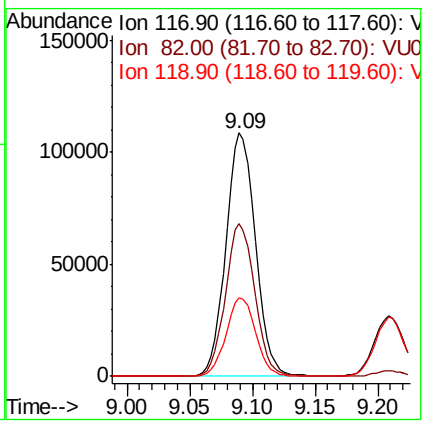


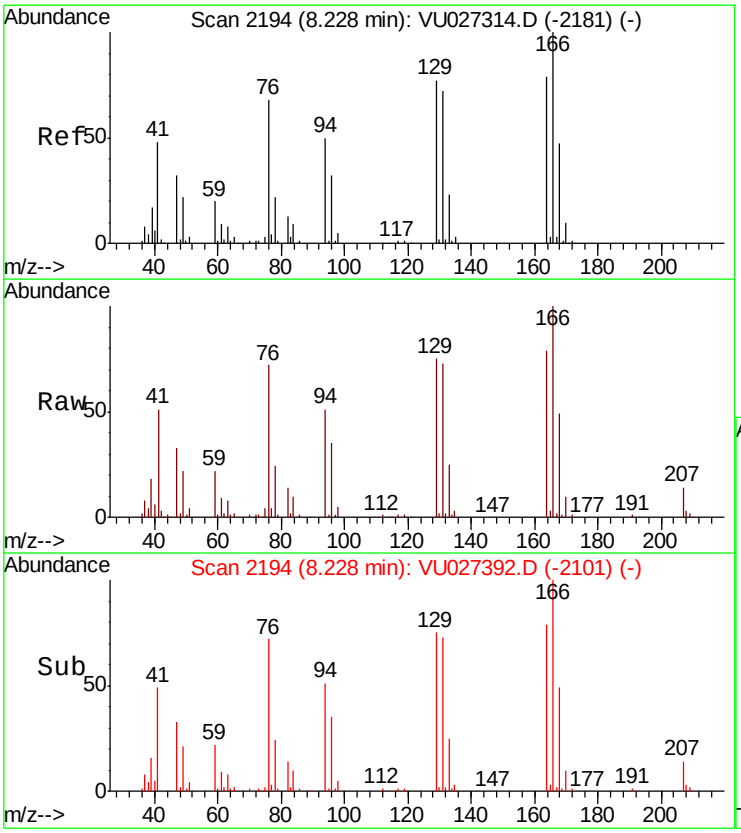

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion:117 Resp: 178074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 63.0 | 49.2 | 73.8 |
| 119 | 32.3 | 25.7 | 38.5 |

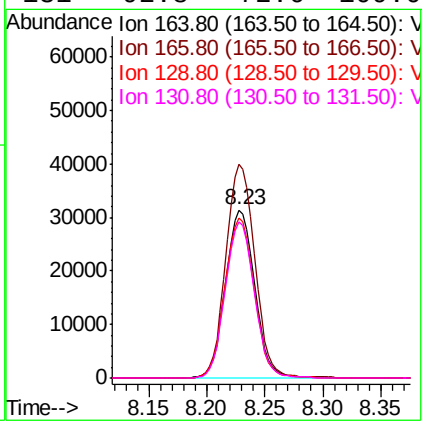


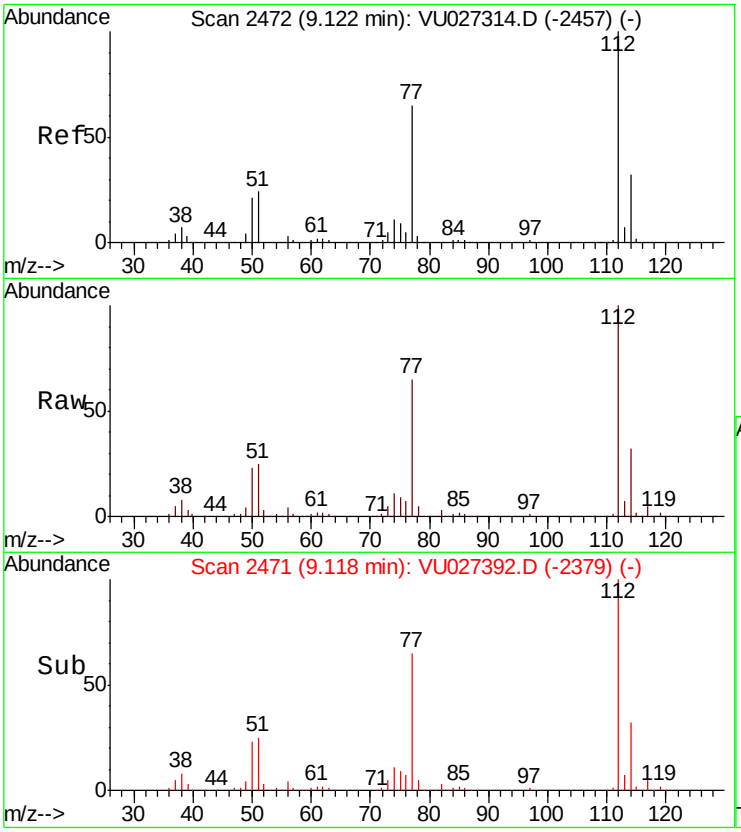




#64
Tetrachloroethene
Concen: 49.286 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion:164 Resp: 54636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 127.3 | 101.0 | 151.6 |
| 129 | 95.1 | 78.0 | 117.0 |
| 131 | 92.8 | 72.6 | 109.0 |



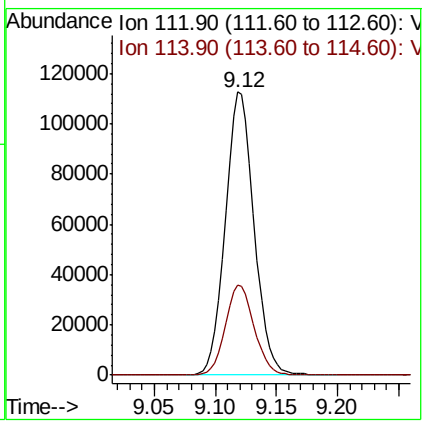


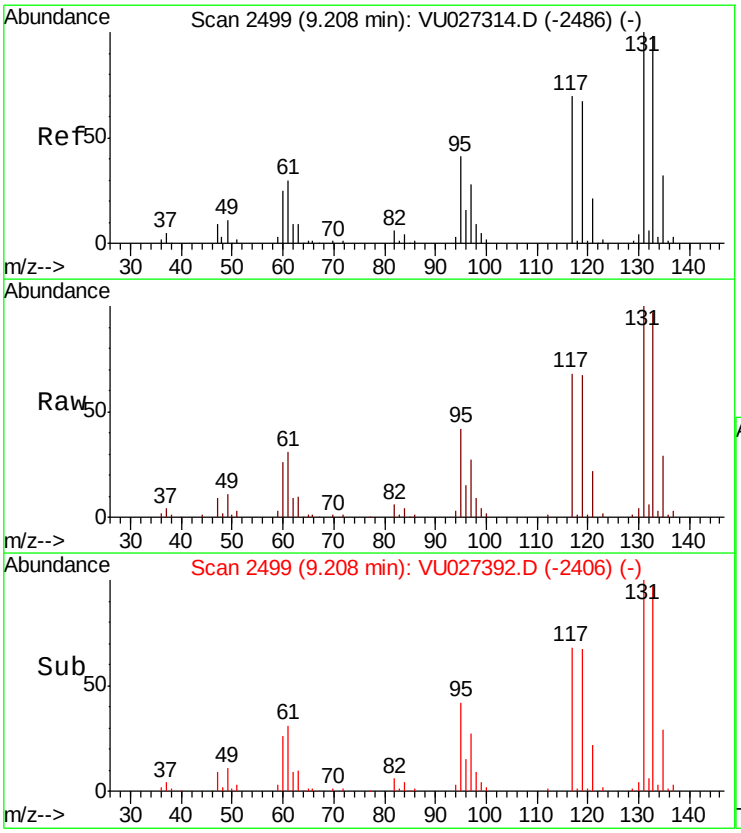

#65
Chlorobenzene
Concen: 49.584 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion:112 Resp: 185856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.0 | 25.8 | 38.6 |

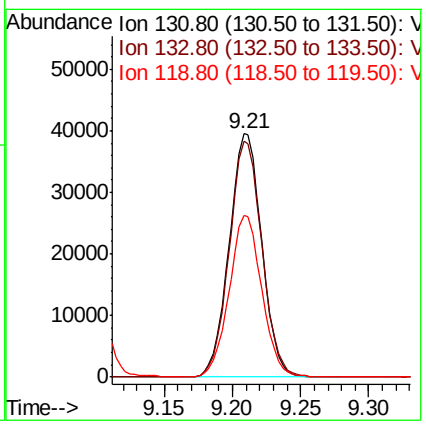


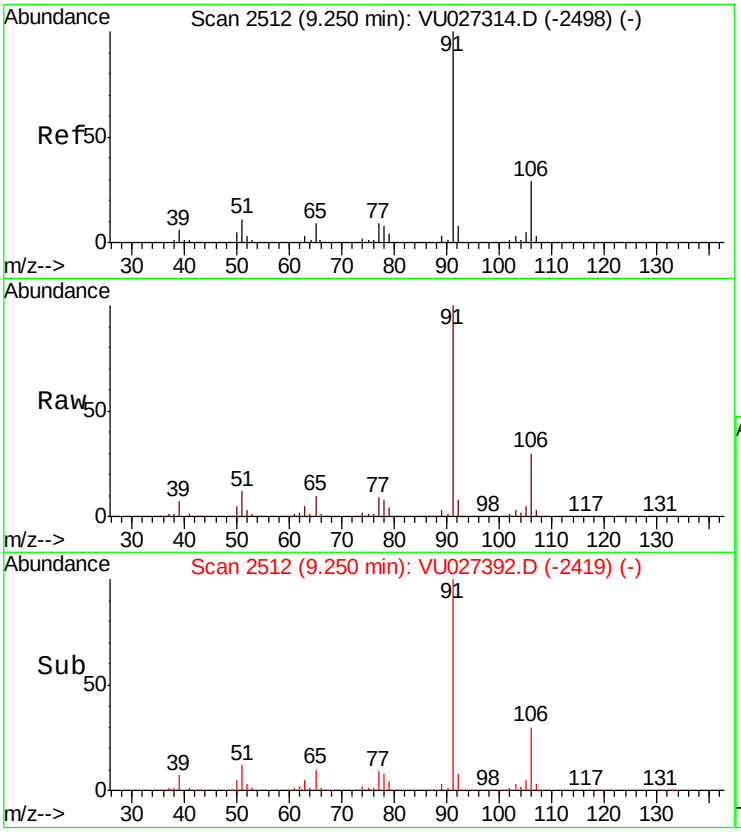




#66
1,1,1,2-Tetrachloroethane
Concen: 50.655 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion:131 Resp: 65547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 97.2 | 48.5 | 145.6 |
| 119 | 66.5 | 33.5 | 100.4 |



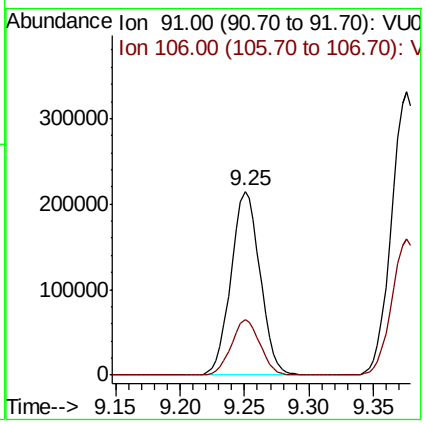


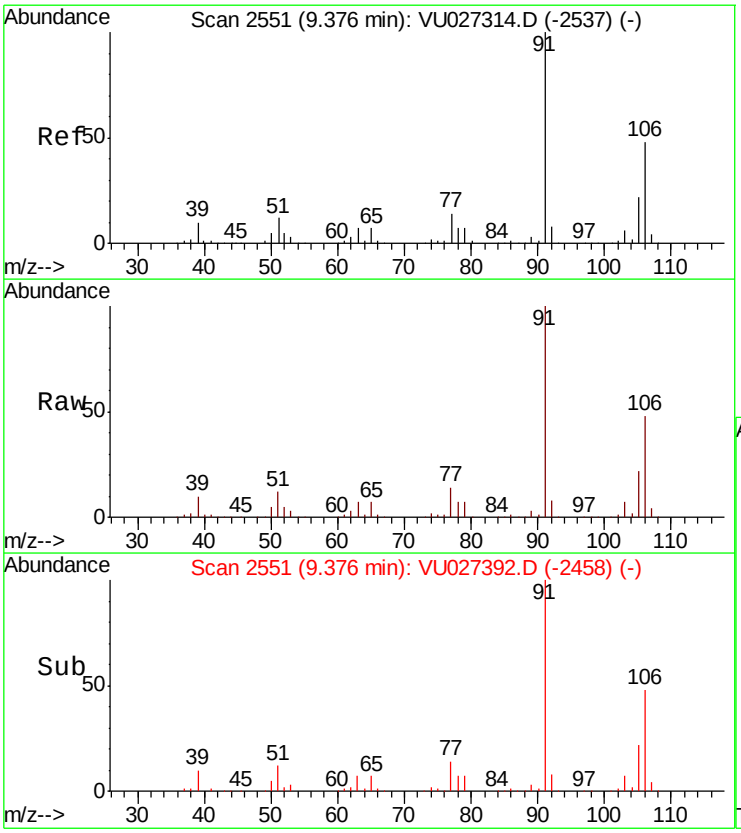

#67
Ethyl Benzene
Concen: 50.686 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion: 91 Resp: 336607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.1 | 23.6 | 35.4 |

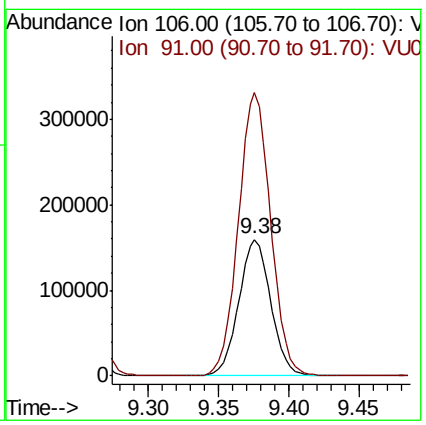


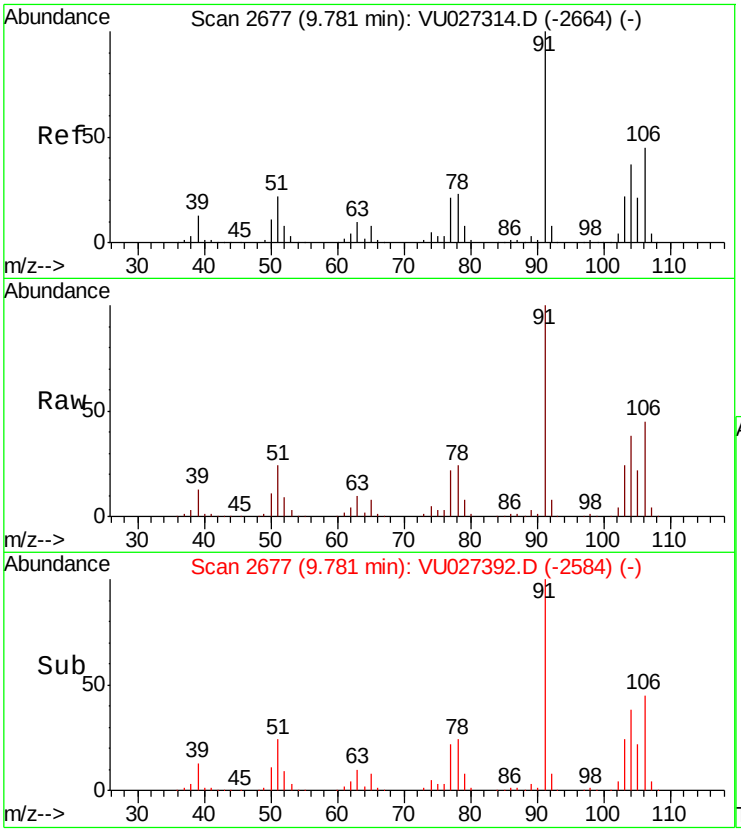




#68
m/p-Xylenes
Concen: 104.160 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion:106 Resp: 253022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 210.4 | 168.1 | 252.1 |



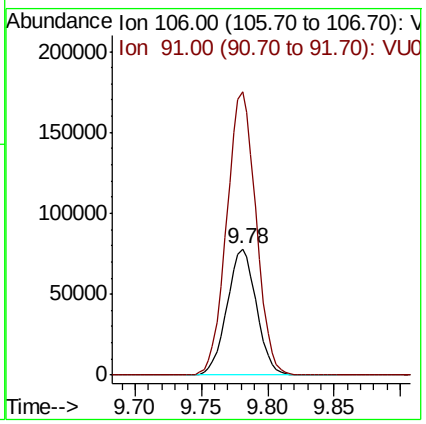


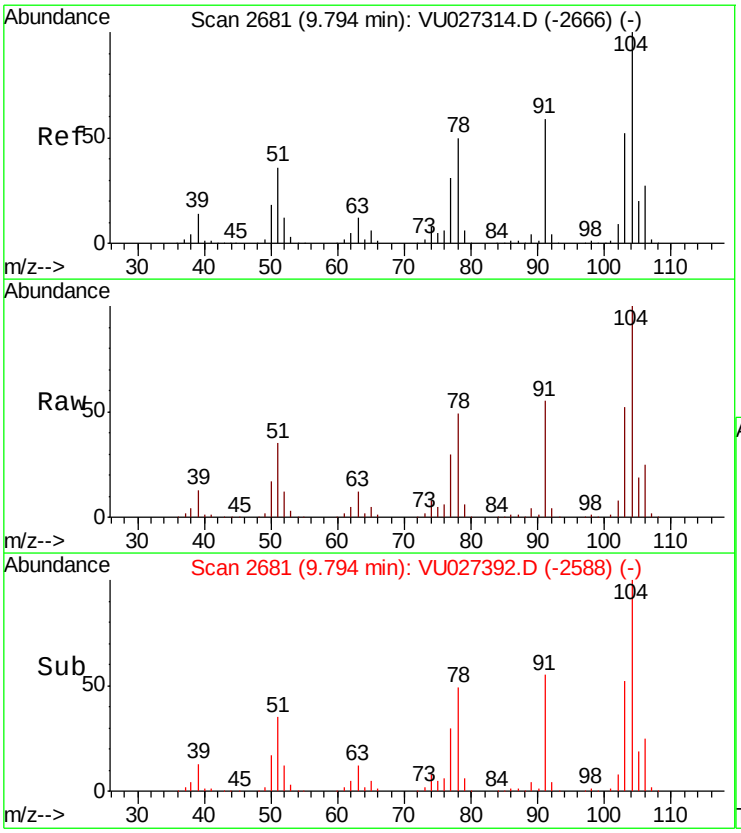

#69
o-Xylene
Concen: 51.962 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion:106 Resp: 119949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 224.3 | 111.7 | 334.9 |

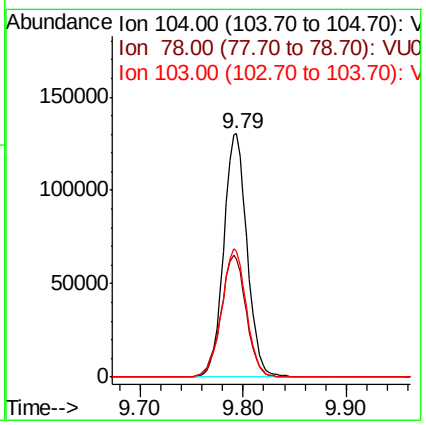


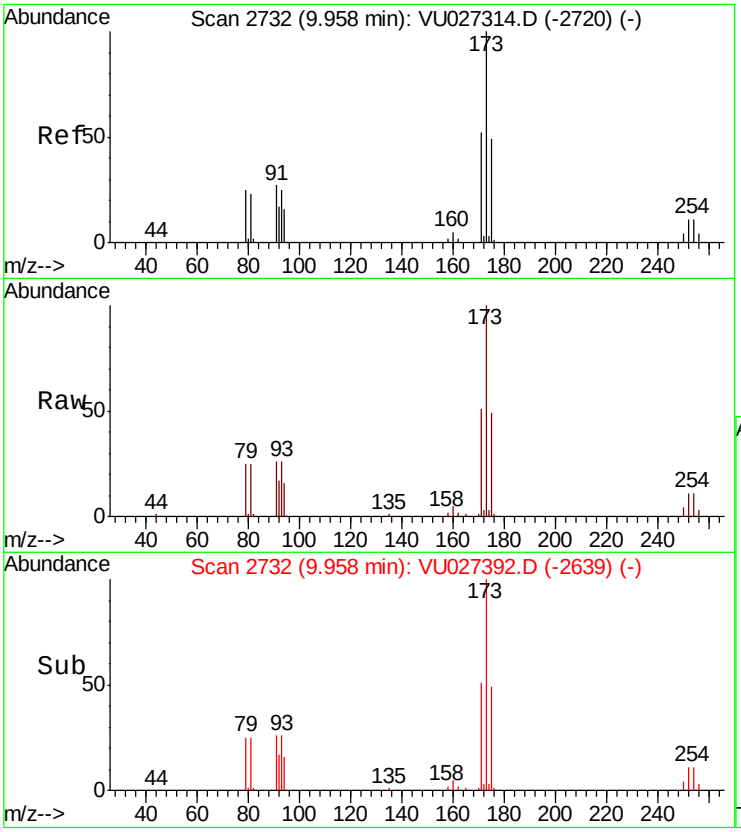




#70
Styrene
Concen: 47.809 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion:104 Resp: 205843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 53.9 | 42.9 | 64.3 |
| 103 | 55.5 | 43.9 | 65.9 |



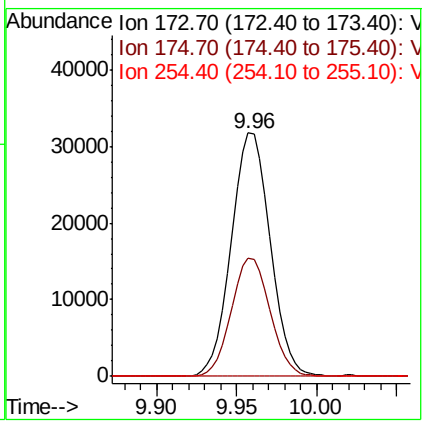


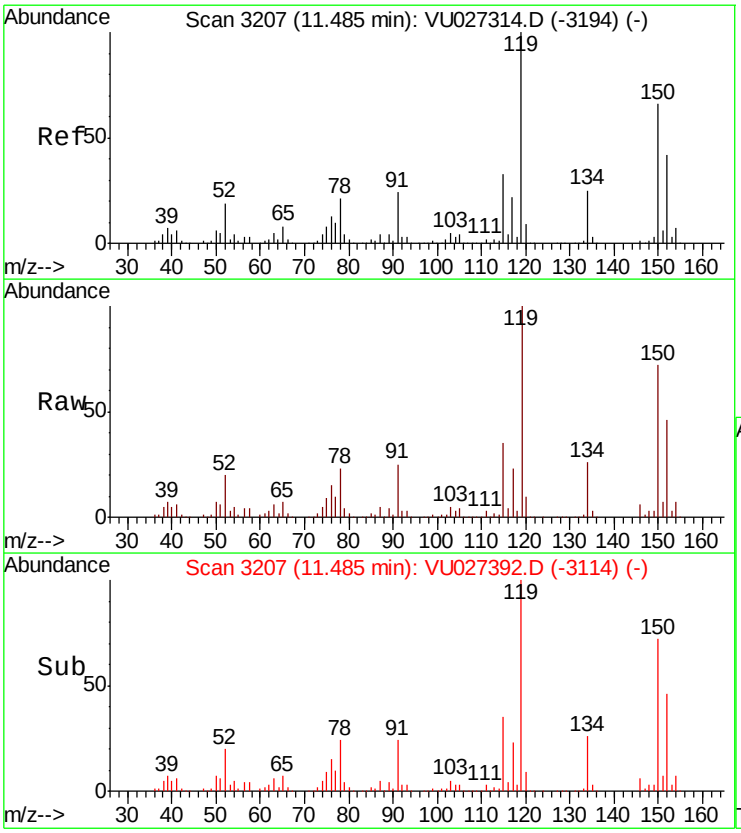

#71
Bromoform
Concen: 50.537 ug/l
RT: 9.96 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion:173 Resp: 52613

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

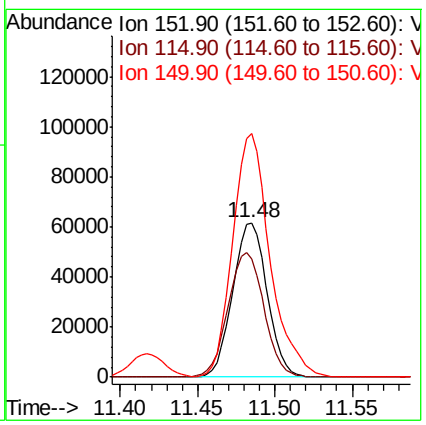


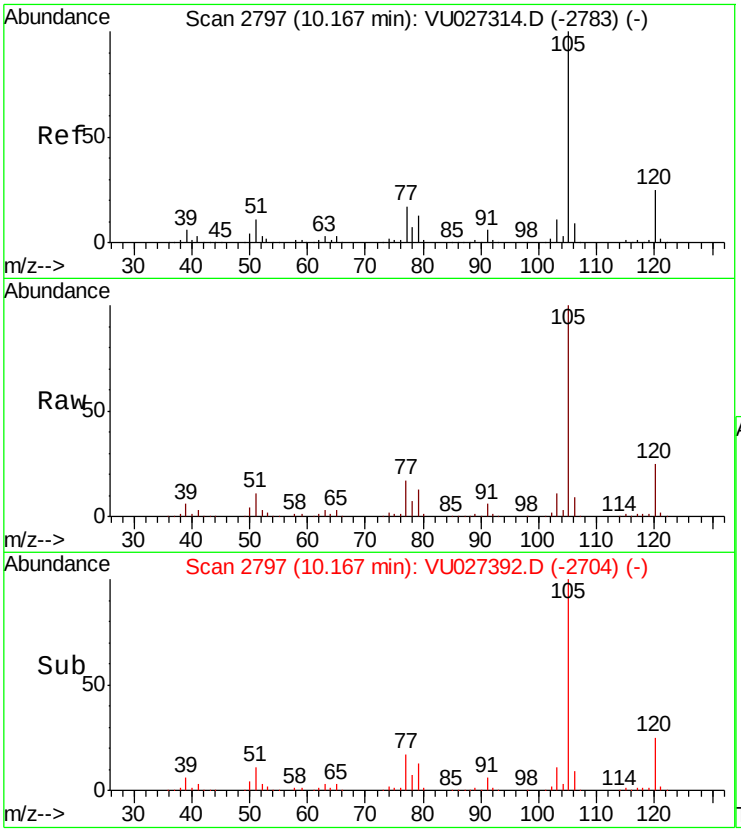




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion:152 Resp: 94904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 84.4 | 43.4 | 130.2 |
| 150 | 172.0 | 0.0 | 349.2 |



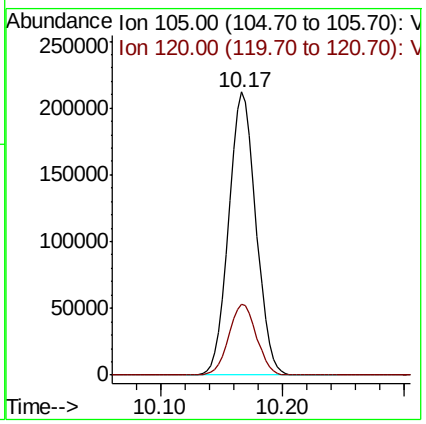


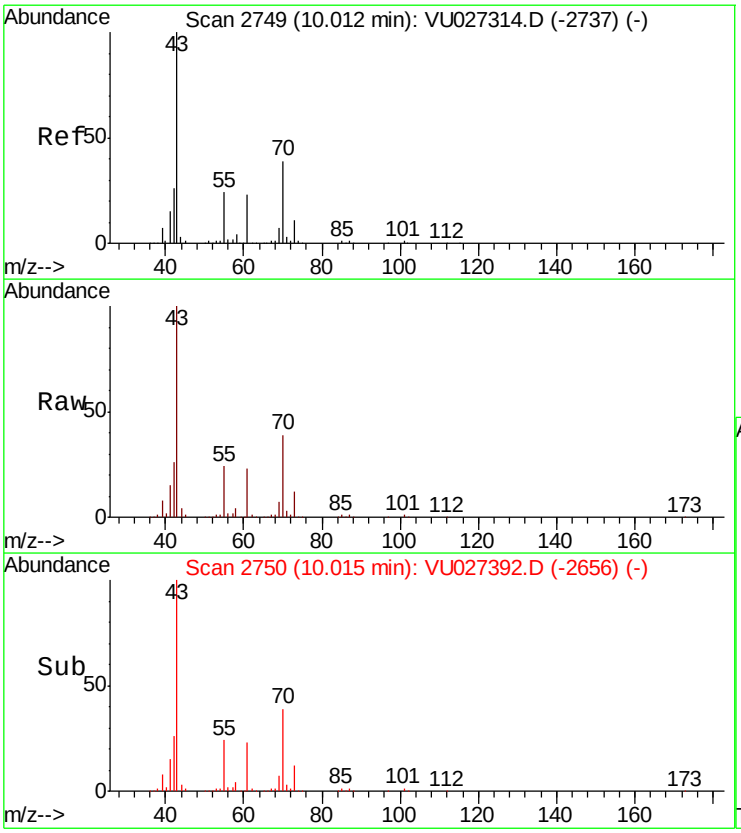

#73
Isopropylbenzene
Concen: 47.902 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion:105 Resp: 330179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.4 | 12.6 | 37.8 |

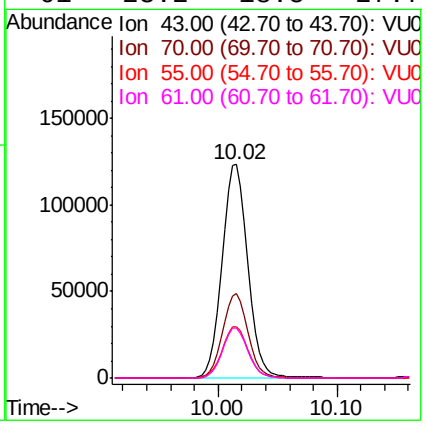


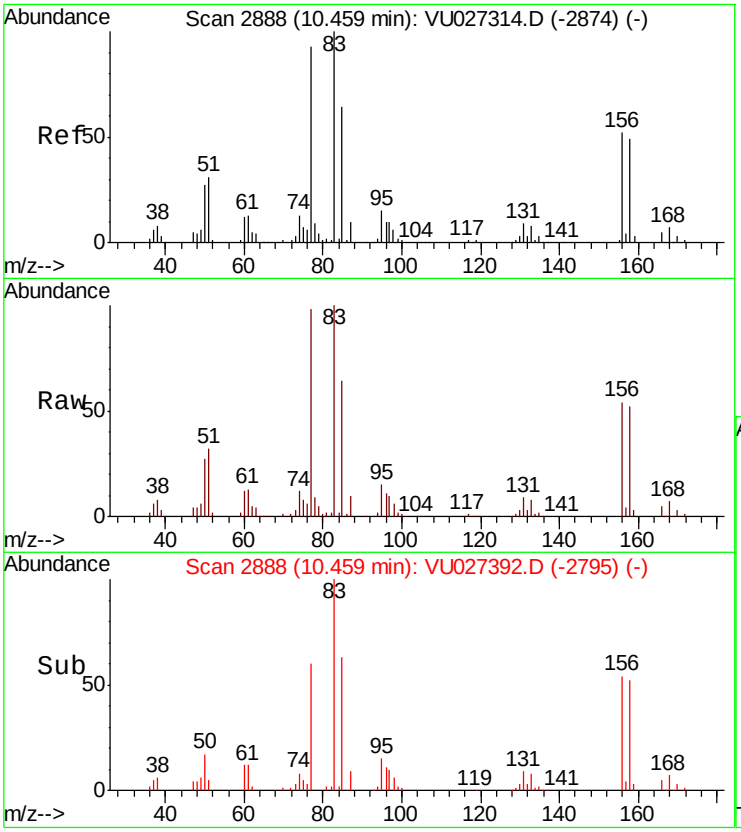




#74
N-amyl acetate
Concen: 46.773 ug/l
RT: 10.02 min Scan# 2750
Delta R.T. 0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion: 43 Resp: 184565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 39.1 | 31.3 | 46.9 |
| 55 | 24.5 | 19.0 | 28.6 |
| 61 | 23.2 | 18.5 | 27.7 |



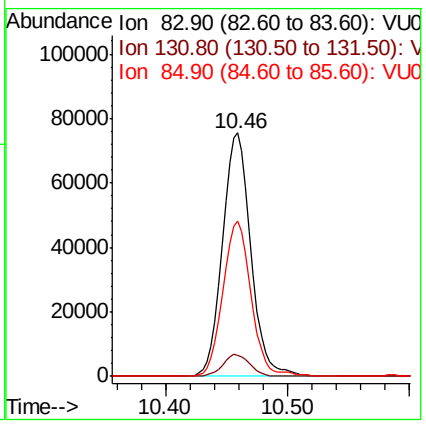


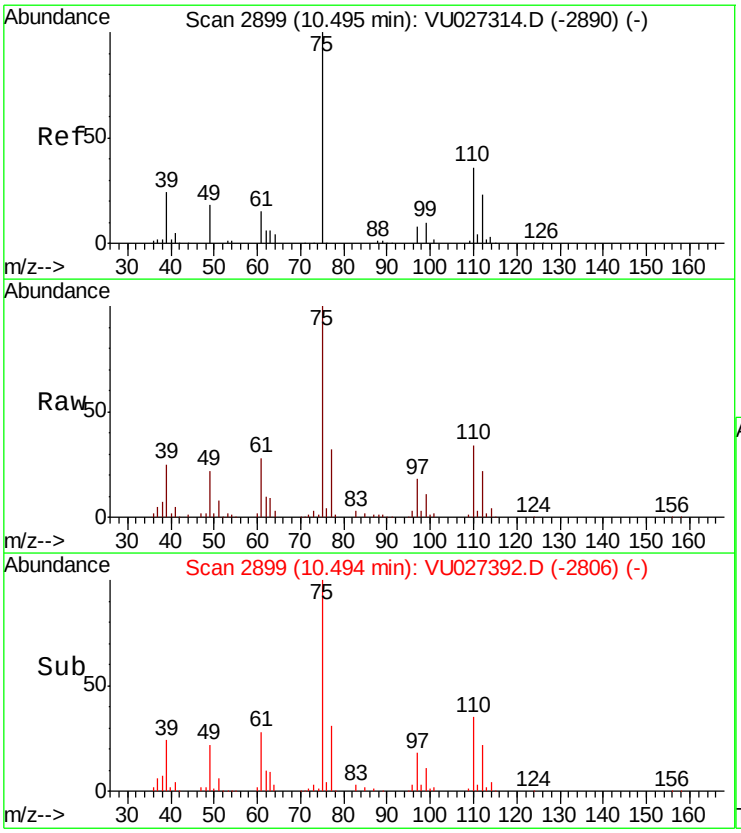

#75
1,1,2,2-Tetrachloroethane
Concen: 45.482 ug/l
RT: 10.46 min Scan# 2888
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion: 83 Resp: 123097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 8.5 | 4.4 | 13.2 |
| 85 | 63.6 | 32.0 | 96.0 |

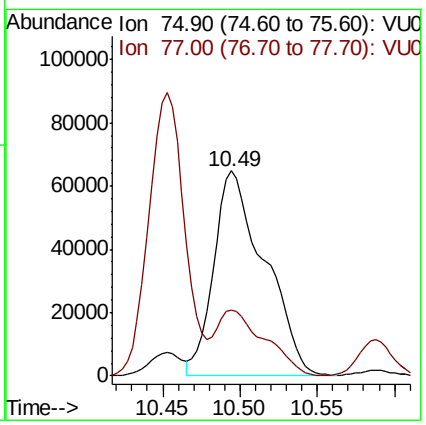


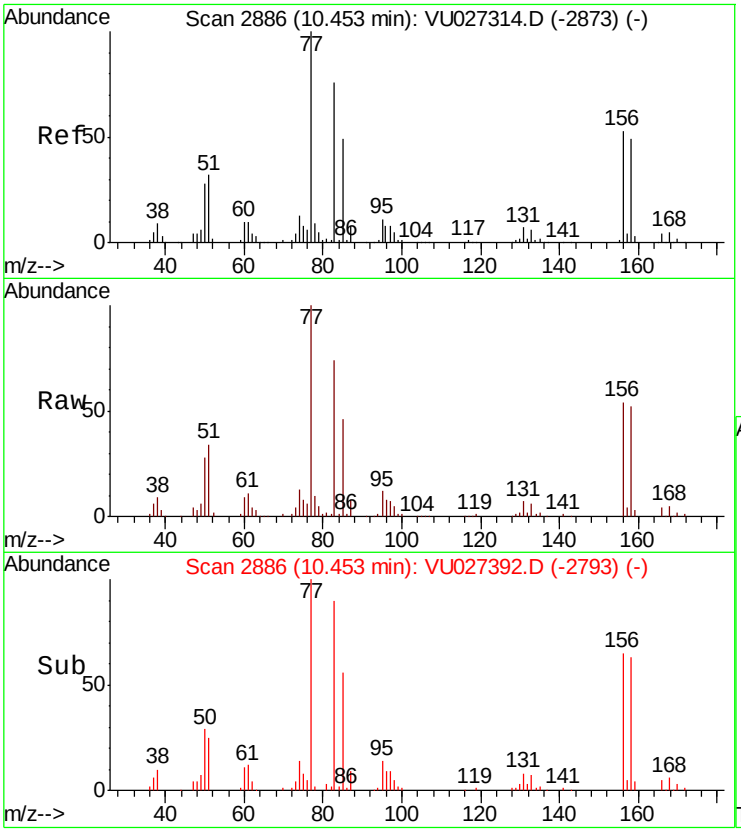




#76
1,2,3-Trichloropropane
Concen: 60.173 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion: 75 Resp: 148033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.1 | 20.3 | 60.9 |



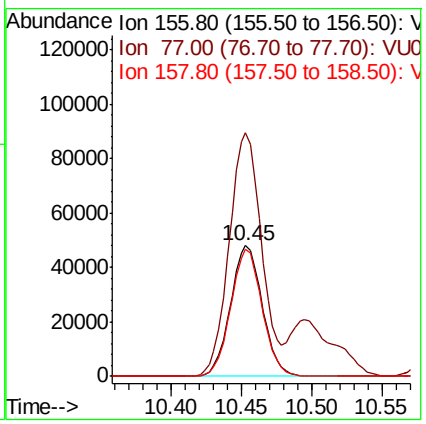


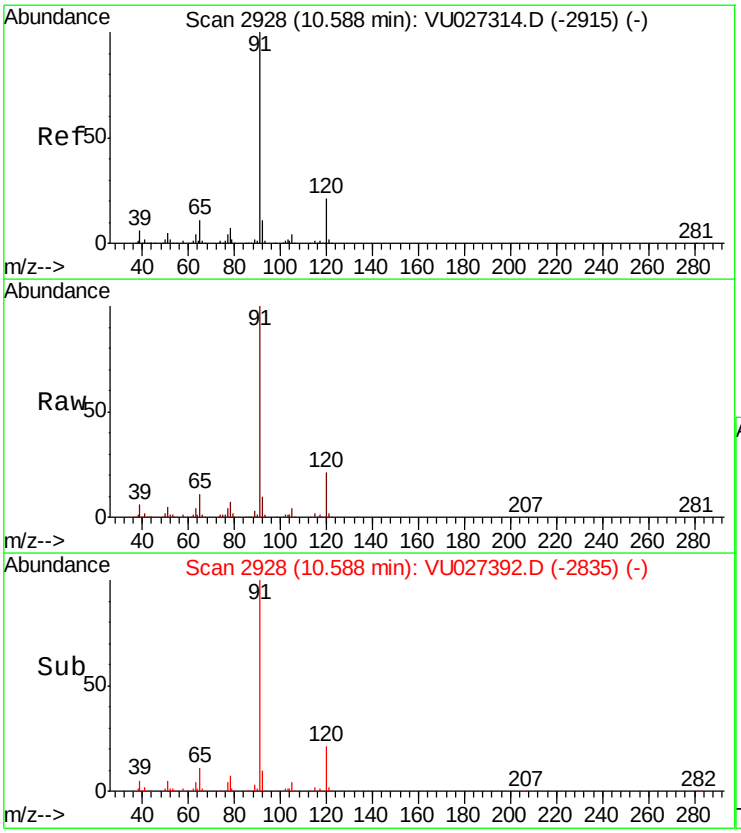

#77
Bromobenzene
Concen: 47.246 ug/l
RT: 10.45 min Scan# 2886
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion:156 Resp: 75684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 190.8 | 94.8 | 284.4 |
| 158 | 96.4 | 47.4 | 142.3 |

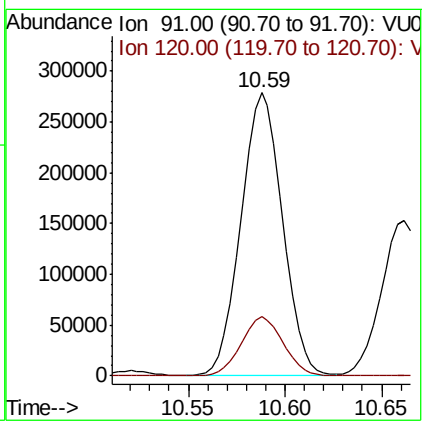


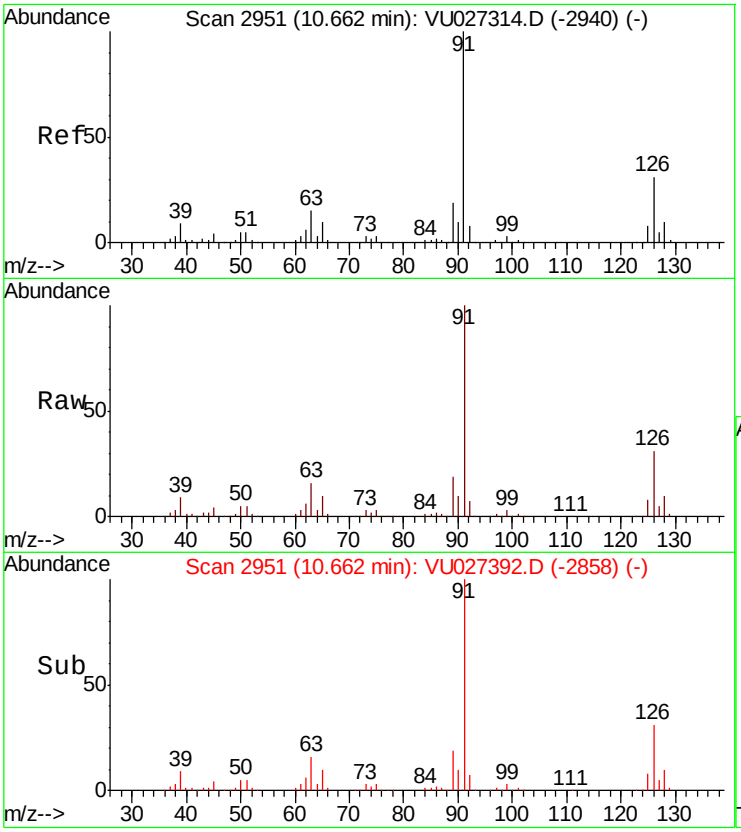




#78
n-propylbenzene
Concen: 50.133 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion: 91 Resp: 415225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 21.0 | 10.6 | 31.8 |



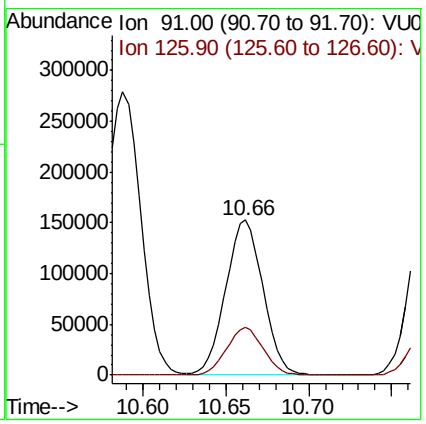


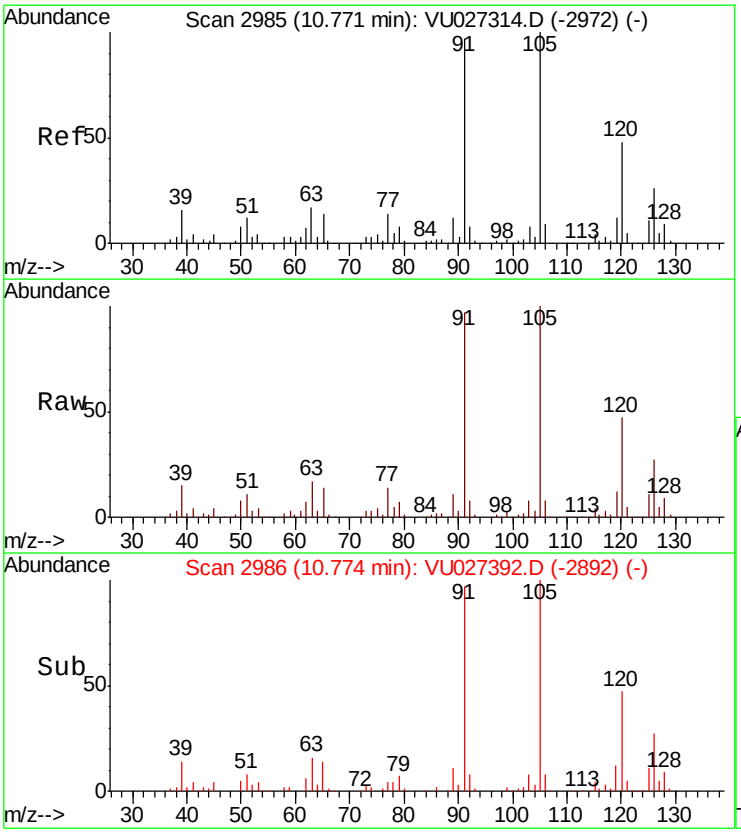

#79
2-Chlorotoluene
Concen: 47.516 ug/l
RT: 10.66 min Scan# 2951
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion: 91 Resp: 237623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 30.6 | 15.7 | 47.1 |

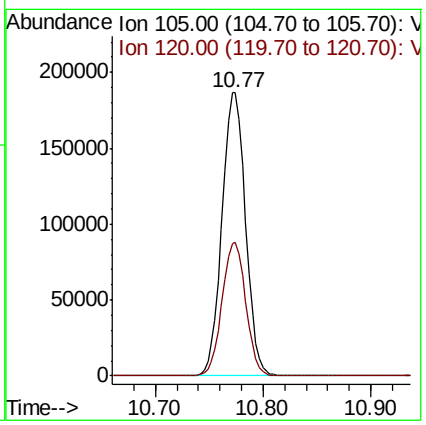


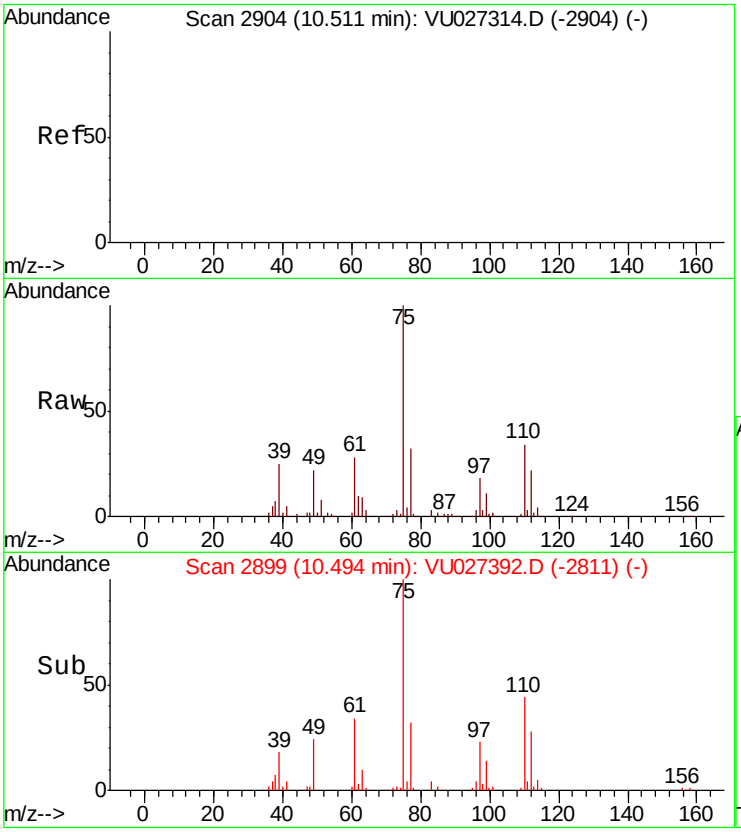




#80
1,3,5-Trimethylbenzene
Concen: 50.539 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion:105 Resp: 283613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.4 | 24.1 | 72.4 |



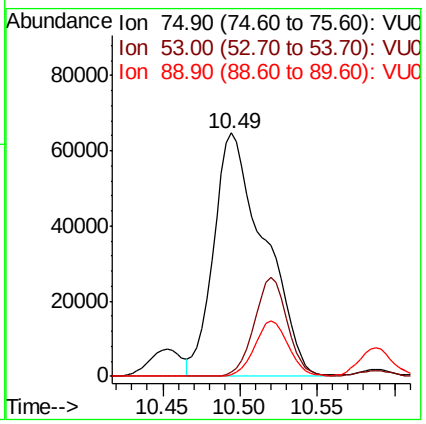


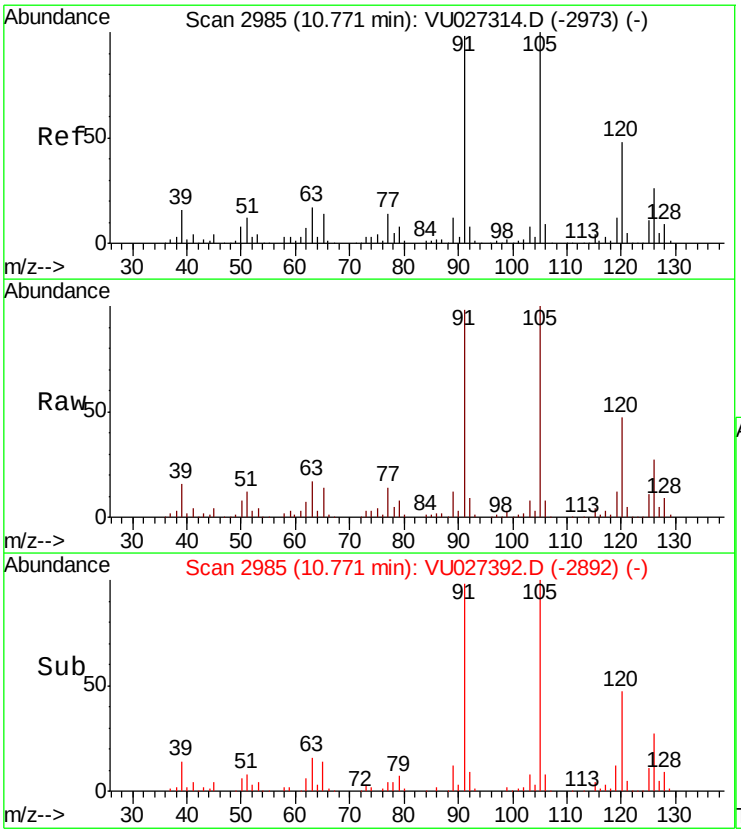

#81
trans-1,4-Dichloro-2-butene
Concen: 157.479 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion: 75 Resp: 148033

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

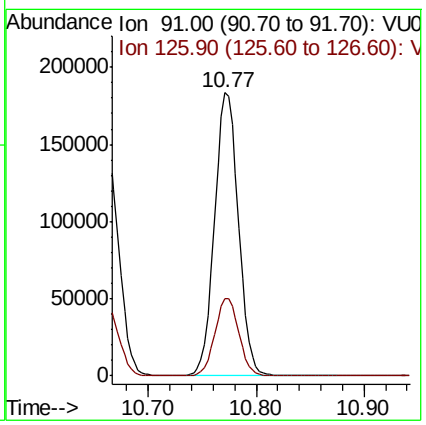


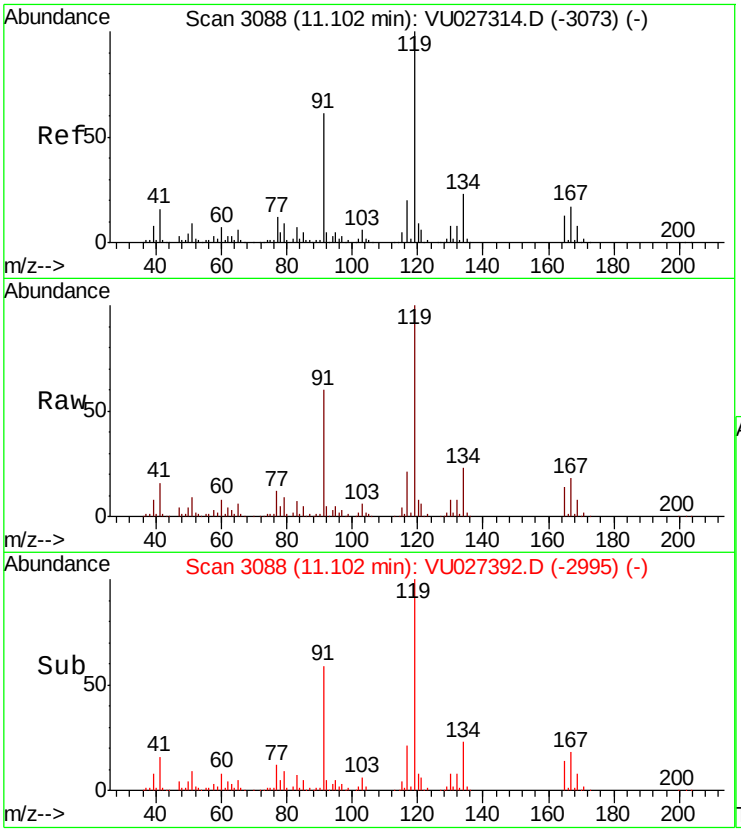




#82
4-Chlorotoluene
Concen: 49.527 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion: 91 Resp: 281067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 27.6 | 13.6 | 40.8 |



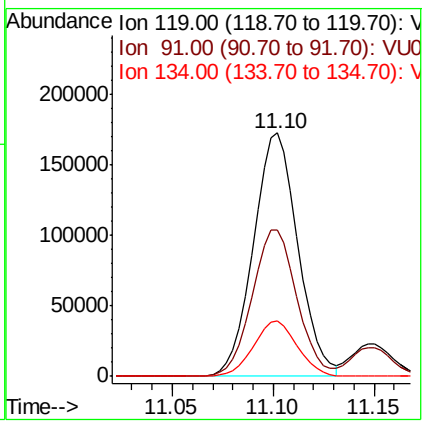


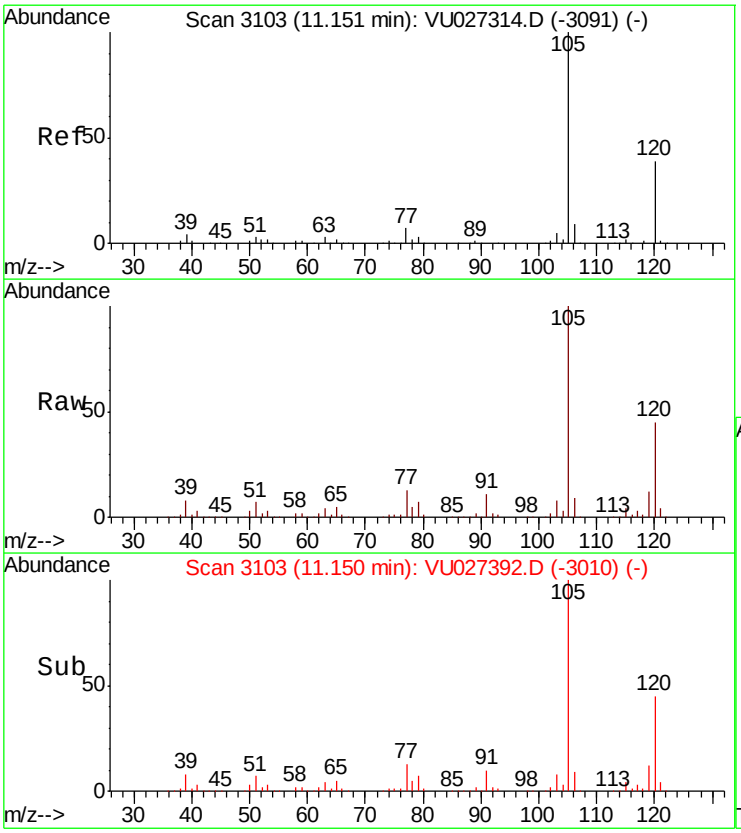

#83
tert-Butylbenzene
Concen: 48.912 ug/l
RT: 11.10 min Scan# 3088
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion:119 Resp: 265352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 60.4 | 30.3 | 91.0 |
| 134 | 22.6 | 11.5 | 34.4 |

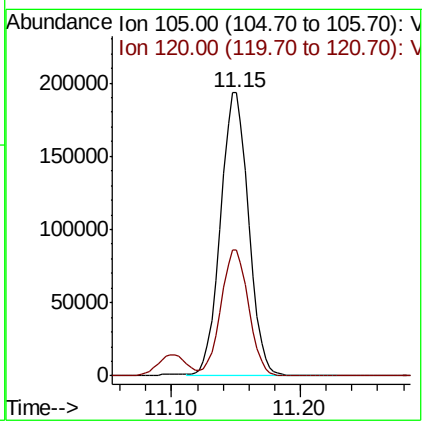


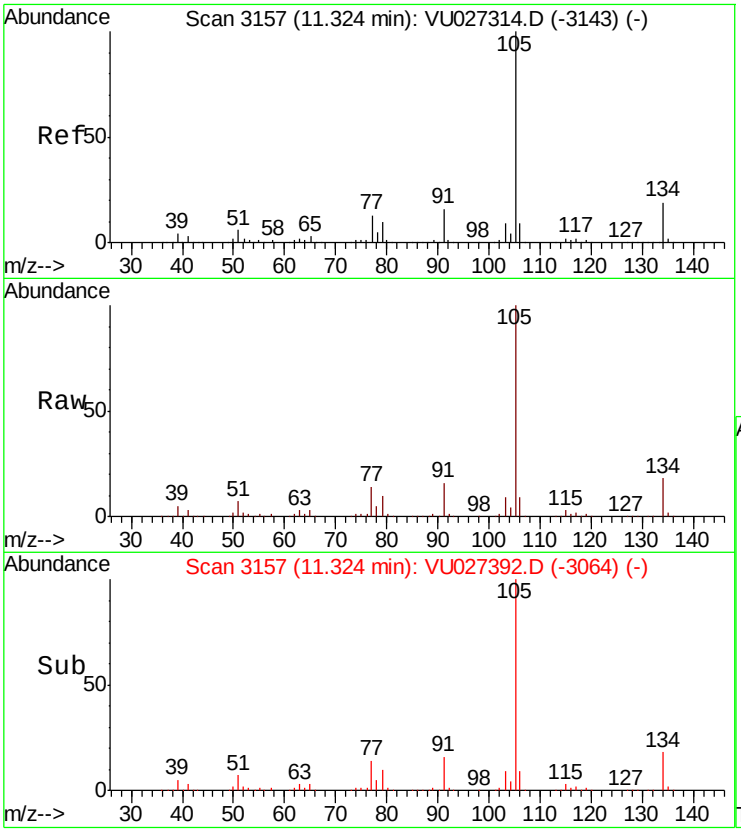




#84
1,2,4-Trimethylbenzene
Concen: 50.750 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion:105 Resp: 290914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.1 | 22.1 | 66.5 |



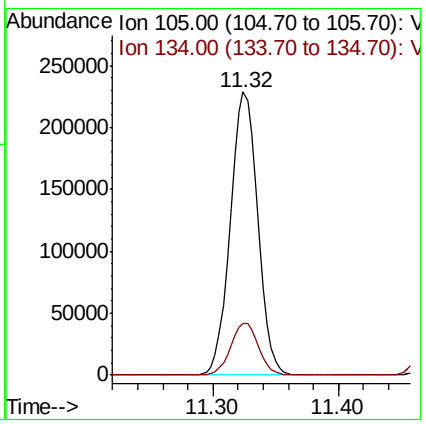


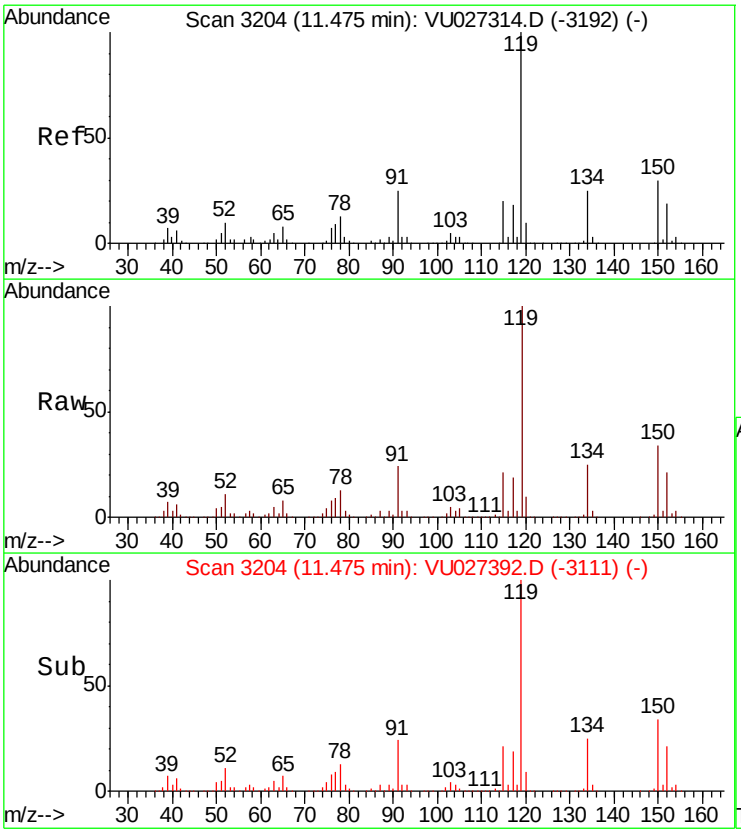

#85
sec-Butylbenzene
Concen: 50.739 ug/l
RT: 11.32 min Scan# 3157
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion:105 Resp: 346826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 18.7 | 9.6 | 28.6 |

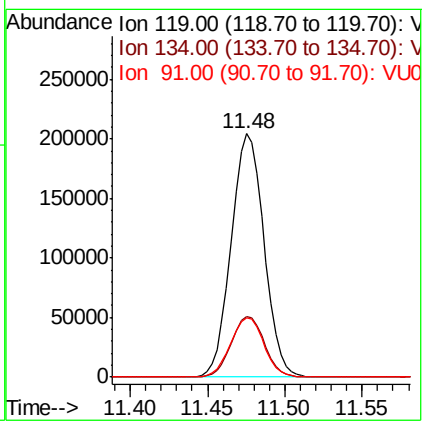


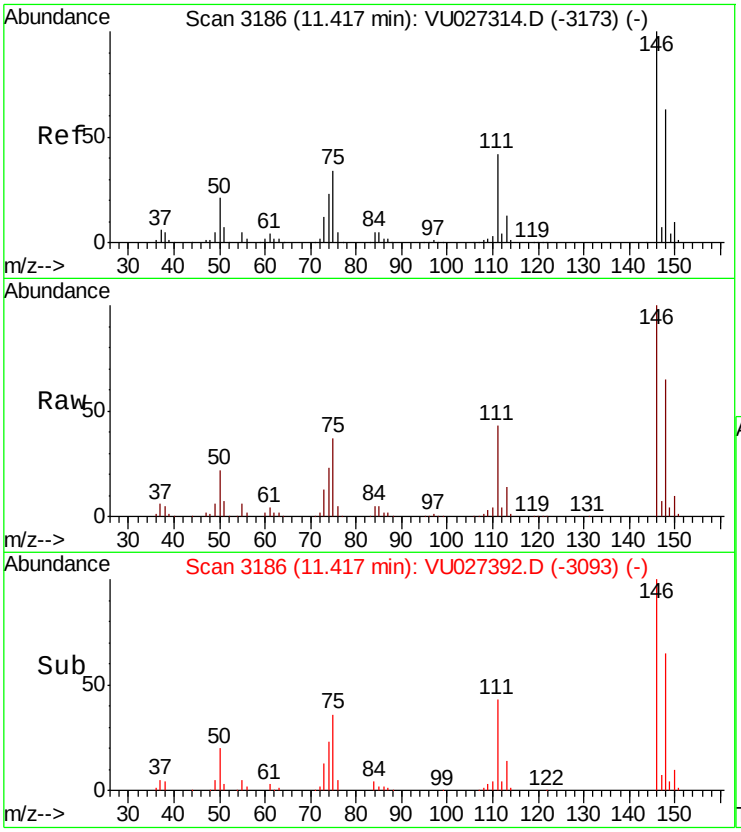




#86
p-Isopropyltoluene
Concen: 51.354 ug/l
RT: 11.48 min Scan# 3204
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion:119 Resp: 300553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.1 | 12.7 | 38.1 |
| 91 | 24.9 | 12.2 | 36.4 |



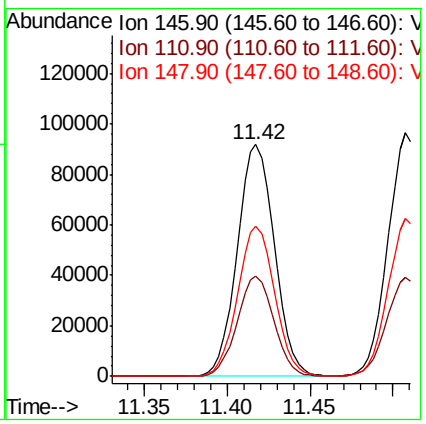


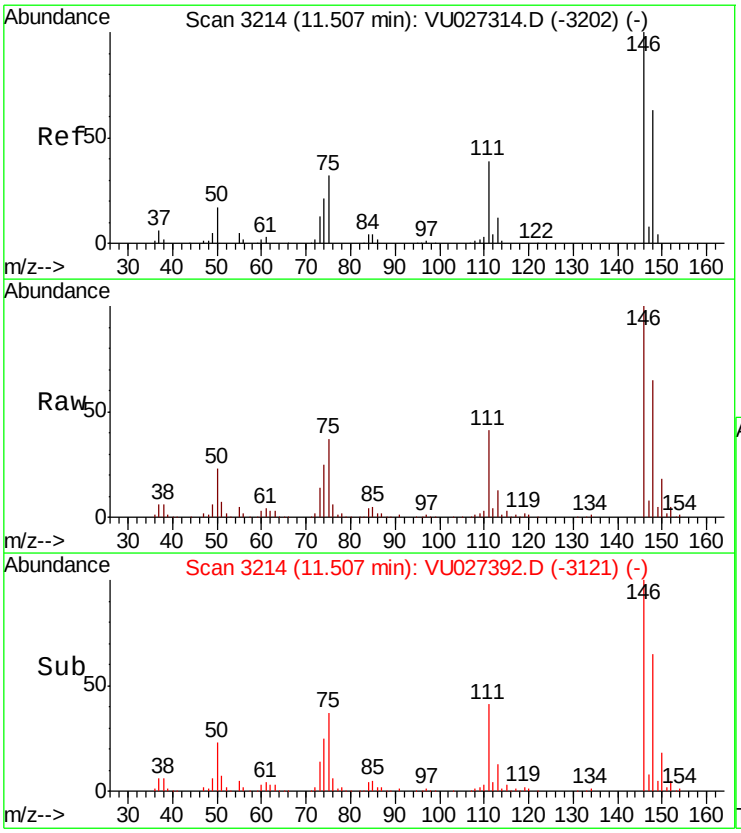

#87
1,3-Dichlorobenzene
Concen: 47.400 ug/l
RT: 11.42 min Scan# 3186
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion:146 Resp: 143776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.7 | 20.8 | 62.5 |
| 148 | 64.5 | 31.6 | 94.8 |

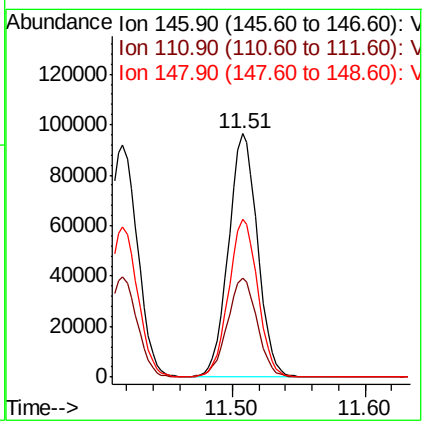


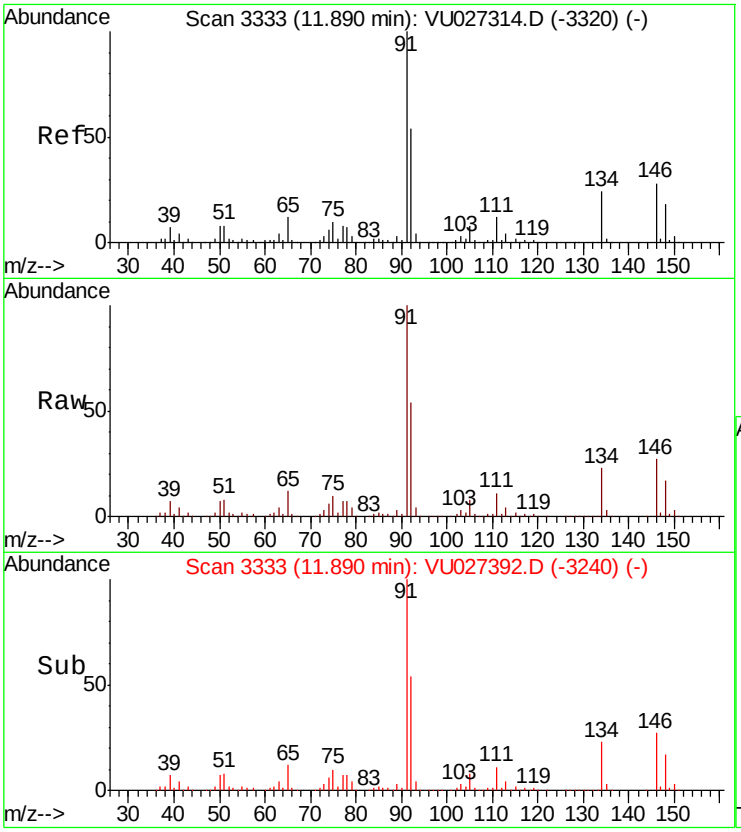




#88
1,4-Dichlorobenzene
Concen: 47.283 ug/l
RT: 11.51 min Scan# 3214
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion:146 Resp: 146558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.9 | 20.4 | 61.2 |
| 148 | 65.1 | 31.9 | 95.5 |



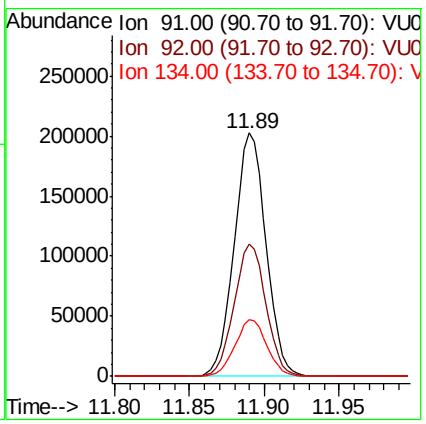


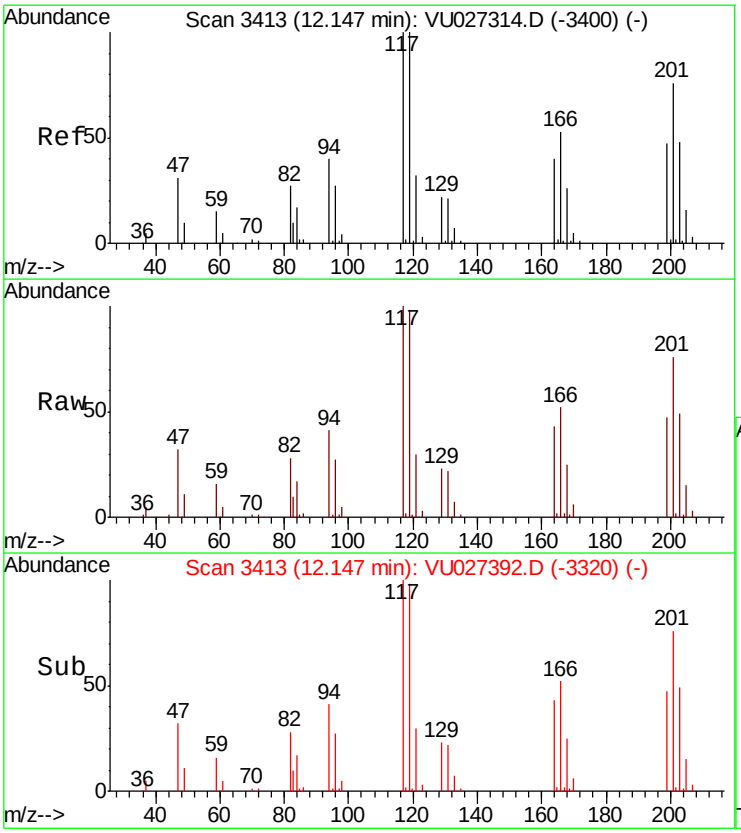

#89
n-Butylbenzene
Concen: 48.300 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion: 91 Resp: 299546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.3 | 27.0 | 81.0 |
| 134 | 23.3 | 11.7 | 35.1 |

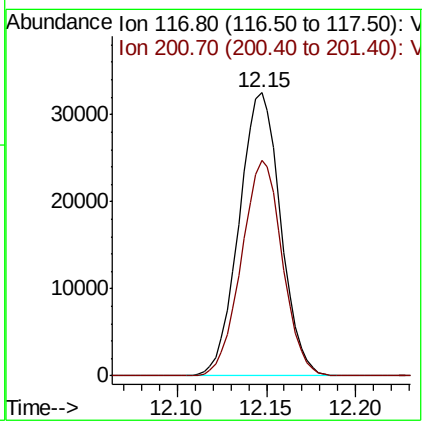


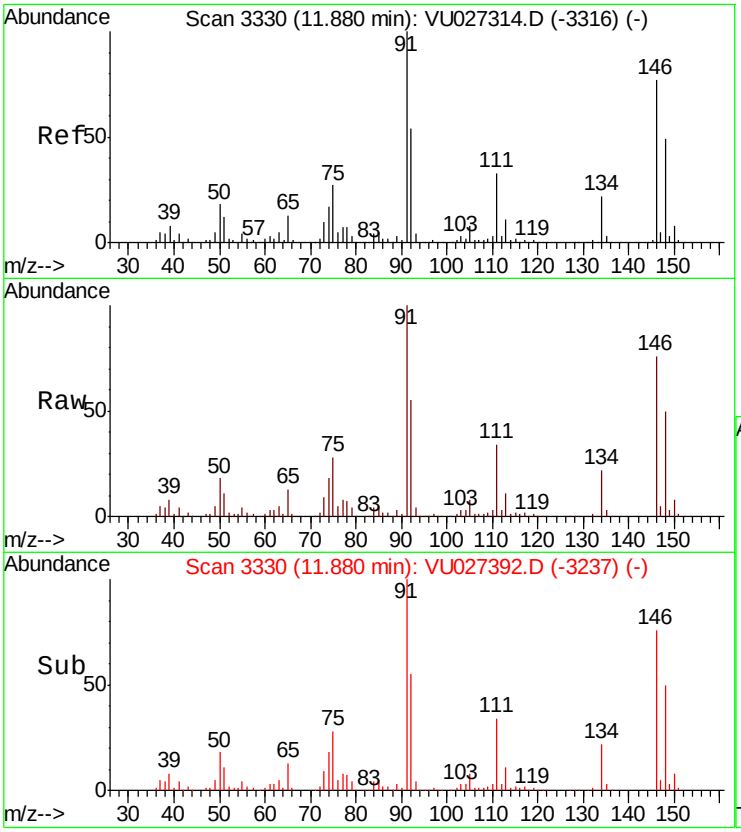




#90
Hexachloroethane
Concen: 47.855 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion:117 Resp: 52792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 74.9 | 37.9 | 113.6 |



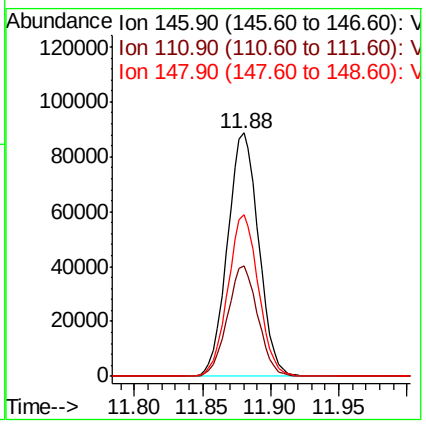


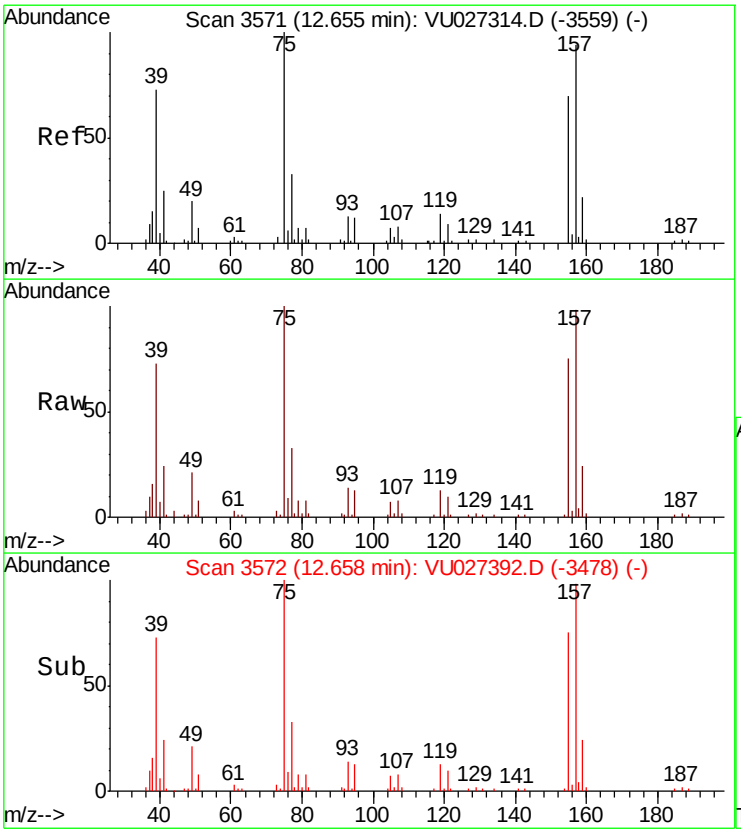

#91
1,2-Dichlorobenzene
Concen: 47.628 ug/l
RT: 11.88 min Scan# 3330
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion:146 Resp: 140624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 44.1 | 21.8 | 65.4 |
| 148 | 65.1 | 31.9 | 95.5 |

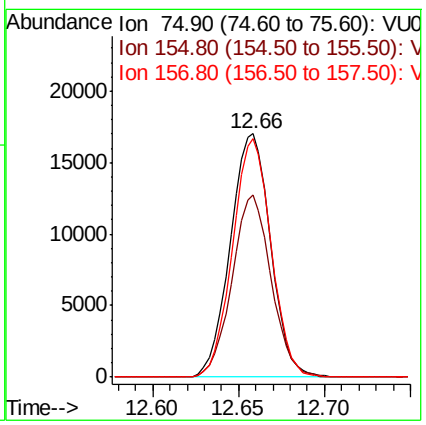


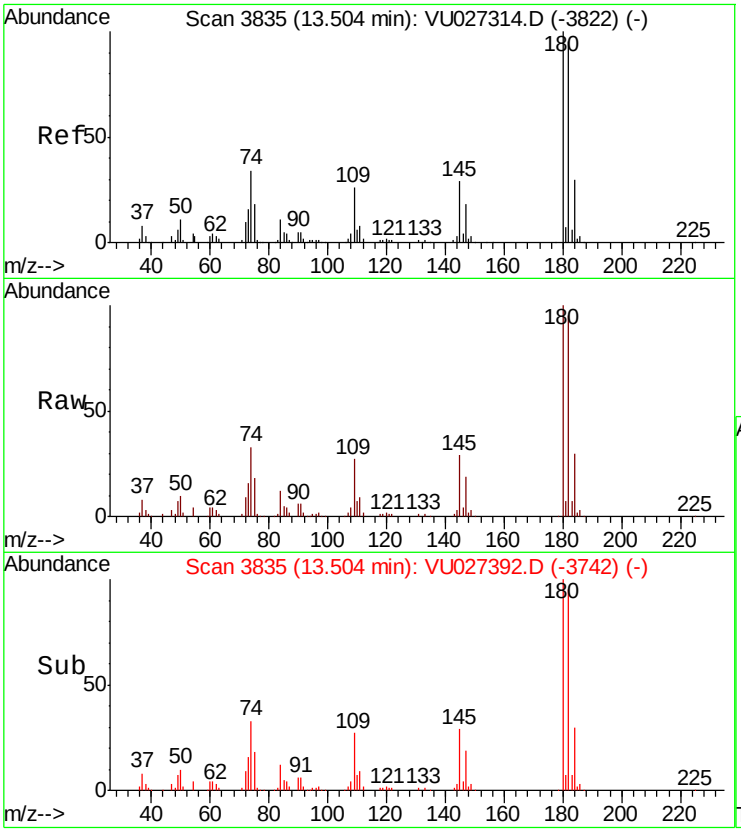




#92
1,2-Dibromo-3-Chloropropane
Concen: 46.240 ug/l
RT: 12.66 min Scan# 3572
Delta R.T. 0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion: 75 Resp: 27736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 72.6 | 35.9 | 107.8 |
| 157 | 93.7 | 46.9 | 140.6 |



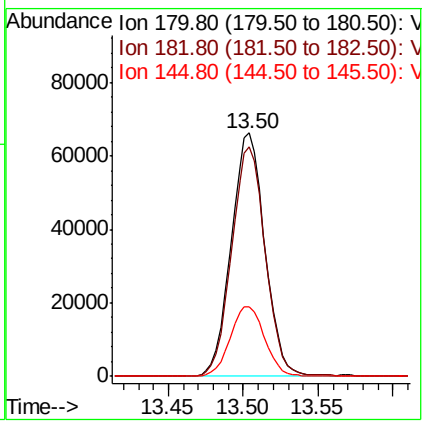


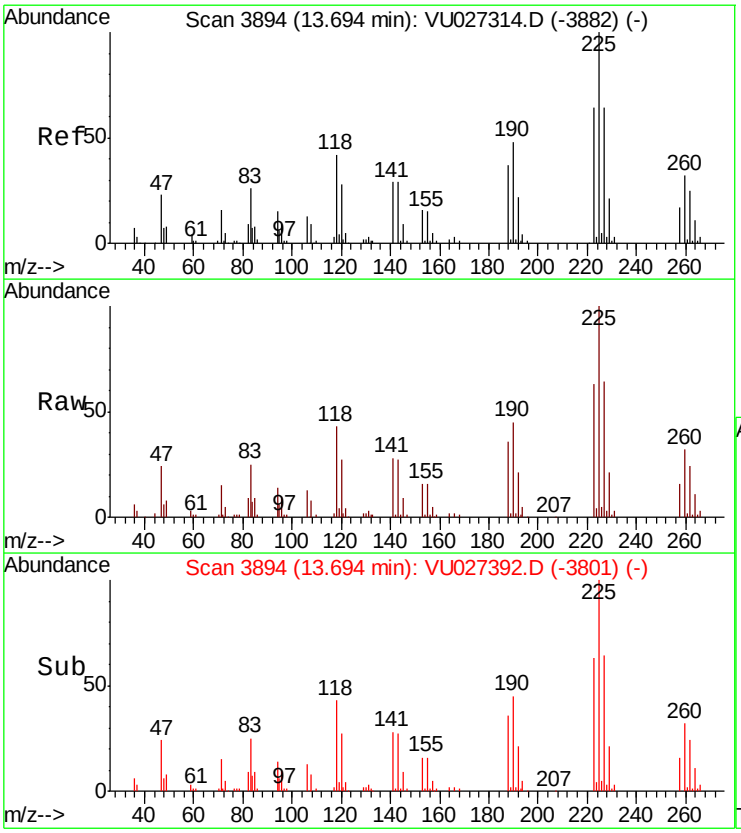

#93
1,2,4-Trichlorobenzene
Concen: 54.174 ug/l
RT: 13.50 min Scan# 3835
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion:180 Resp: 103498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.9 | 47.4 | 142.3 |
| 145 | 29.3 | 14.6 | 44.0 |

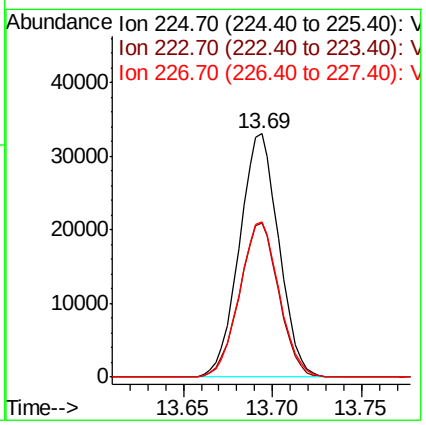


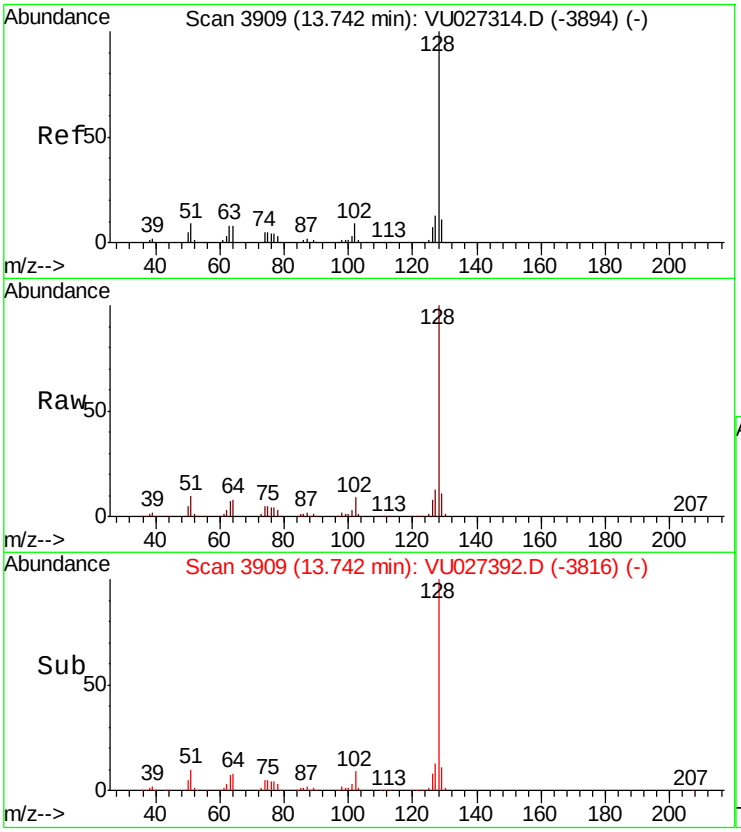




#94
Hexachlorobutadiene
Concen: 52.960 ug/l
RT: 13.69 min Scan# 3894
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion:225 Resp: 51120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.8 | 31.8 | 95.3 |
| 227 | 64.1 | 31.9 | 95.7 |



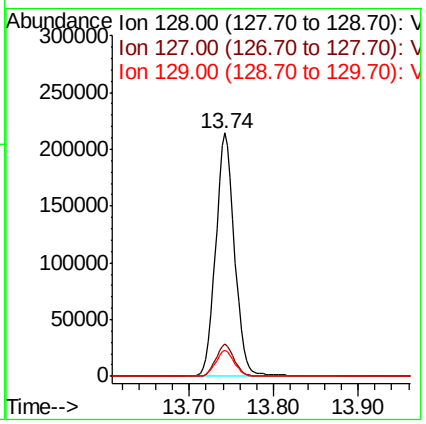


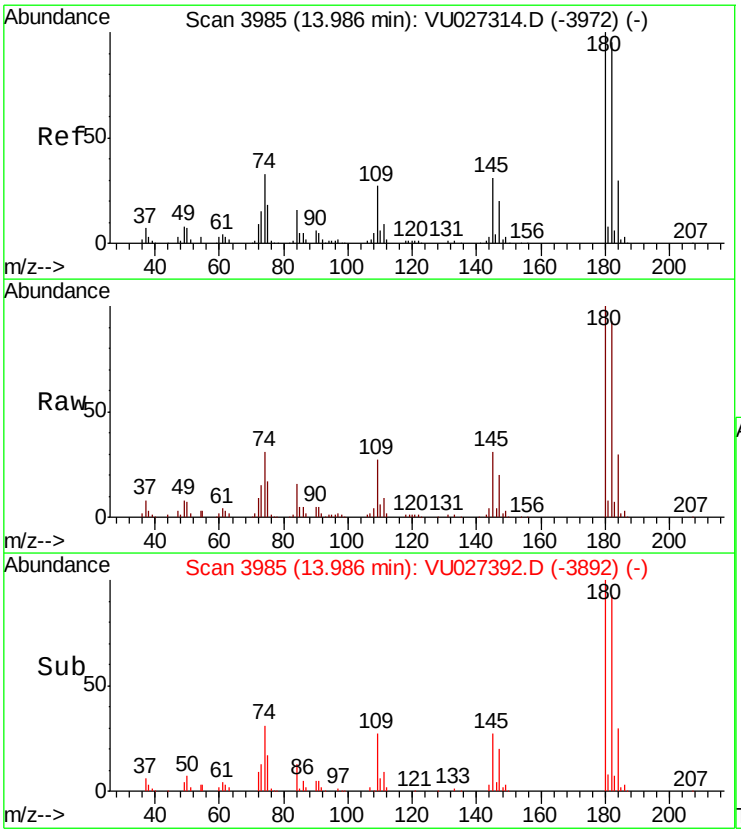

#95
Naphthalene
Concen: 46.546 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

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

Tgt Ion:128 Resp: 333118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.1 | 10.5 | 15.7 |
| 129 | 10.5 | 8.6 | 12.8 |




#96
1,2,3-Trichlorobenzene
Concen: 52.908 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. -0.00 min
Lab File: VU027392.D
Acq: 04 Oct 2018 08:45

Tgt Ion:180 Resp: 105308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.8 | 47.4 | 142.2 |
| 145 | 31.7 | 15.9 | 47.7 |