Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
Data File : VU027555.D
Acq On : 10 Oct 2018 08:07
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050

Quant Time: Oct 11 04:01:00 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 | 130756 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 5.89 | 114 | 216755 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 9.09 | 117 | 198713 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 11.48 | 152 | 101481 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.31 | 65 | 90691 | 41.54 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 83.08% | | | |
| 35) Dibromofluoromethane | 4.88 | 113 | 67209 | 45.24 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 90.48% | | | |
| 50) Toluene-d8 | 7.57 | 98 | 253584 | 45.61 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 91.22% | | | |
| 62) 4-Bromofluorobenzene | 10.31 | 95 | 93692 | 45.34 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 90.68% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.21 | 85 | 85243 | 45.219 | ug/l | 99 |
| 3) Chloromethane | 1.33 | 50 | 109176 | 42.777 | ug/l | 97 |
| 4) Vinyl Chloride | 1.40 | 62 | 106128 | 44.236 | ug/l | 99 |
| 5) Bromomethane | 1.61 | 94 | 65326 | 62.928 | ug/l | 99 |
| 6) Chloroethane | 1.69 | 64 | 58883 | 40.844 | ug/l | 97 |
| 7) Trichlorofluoromethane | 1.88 | 101 | 112974 | 46.410 | ug/l | 100 |
| 8) Diethyl Ether | 2.11 | 74 | 51229 | 45.685 | ug/l | 93 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.29 | 101 | 67164 | 47.510 | ug/l | 99 |
| 10) Methyl Iodide | 2.41 | 142 | 64178 | 51.566 | ug/l | 99 |
| 11) Tert butyl alcohol | 2.83 | 59 | 105451 | 229.347 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 2.28 | 96 | 62911 | 45.549 | ug/l | 99 |
| 13) Acrolein | 2.20 | 56 | 64567 | 167.355 | ug/l | 99 |
| 14) Allyl chloride | 2.59 | 41 | 147002 | 44.820 | ug/l | 98 |
| 15) Acrylonitrile | 2.94 | 53 | 280793 | 234.639 | ug/l | 99 |
| 16) Acetone | 2.32 | 43 | 284892 | 220.869 | ug/l | 99 |
| 17) Carbon Disulfide | 2.48 | 76 | 198002 | 39.749 | ug/l | 99 |
| 18) Methyl Acetate | 2.62 | 43 | 151425 | 51.461 | ug/l | 99 |
| 19) Methyl tert-butyl Ether | 3.00 | 73 | 259304 | 46.855 | ug/l | 99 |
| 20) Methylene Chloride | 2.70 | 84 | 80620 | 44.871 | ug/l | 96 |
| 21) trans-1,2-Dichloroethene | 2.98 | 96 | 68378 | 44.096 | ug/l | 100 |
| 22) Diisopropyl ether | 3.58 | 45 | 305675 | 45.854 | ug/l | 99 |
| 23) Vinyl Acetate | 3.53 | 43 | 1302466 | 223.726 | ug/l | 99 |
| 24) 1,1-Dichloroethane | 3.45 | 63 | 157660 | 46.005 | ug/l | 100 |
| 25) 2-Butanone | 4.26 | 43 | 408683 | 232.347 | ug/l | 99 |
| 26) 2,2-Dichloropropane | 4.23 | 77 | 127679 | 45.341 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 4.22 | 96 | 81383 | 45.894 | ug/l | 98 |
| 28) Bromochloromethane | 4.55 | 49 | 79203 | 47.904 | ug/l | 96 |
| 29) Tetrahydrofuran | 4.64 | 42 | 257793 | 232.559 | ug/l | 98 |
| 30) Chloroform | 4.67 | 83 | 139985 | 45.976 | ug/l | 98 |
| 31) Cyclohexane | 5.00 | 56 | 144969 | 41.357 | ug/l | 99 |
| 32) 1,1,1-Trichloroethane | 4.92 | 97 | 117036 | 45.640 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 5.14 | 75 | 109122 | 46.366 | ug/l | 99 |
| 37) Ethyl Acetate | 4.38 | 43 | 144024 | 47.351 | ug/l | 100 |
| 38) Carbon Tetrachloride | 5.13 | 117 | 100664 | 47.351 | ug/l | 98 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
Data File : VU027555.D
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Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050

Quant Time: Oct 11 04:01:00 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 | 128337 | 46.649 | ug/l | | 97 |
| 40) Benzene | 5.39 | 78 | 322448 | 47.036 | ug/l | | 99 |
| 41) Methacrylonitrile | 4.54 | 41 | 82479 | 47.976 | ug/l | | 99 |
| 42) 1,2-Dichloroethane | 5.40 | 62 | 118176 | 46.441 | ug/l | | 99 |
| 43) Isopropyl Acetate | 5.55 | 43 | 229562 | 48.595 | ug/l | | 99 |
| 44) Trichloroethene | 6.19 | 130 | 72167 | 47.210 | ug/l | | 99 |
| 45) 1,2-Dichloropropane | 6.43 | 63 | 94663 | 47.874 | ug/l | | 97 |
| 46) Dibromomethane | 6.56 | 93 | 54318 | 48.639 | ug/l | | 99 |
| 47) Bromodichloromethane | 6.76 | 83 | 109488 | 47.249 | ug/l | | 100 |
| 48) Methyl methacrylate | 6.62 | 41 | 115193 | 49.036 | ug/l | | 99 |
| 49) 1,4-Dioxane | 6.61 | 88 | 40673 | 1006.277 | ug/l | | 97 |
| 51) 4-Methyl-2-Pentanone | 7.46 | 43 | 743909 | 242.340 | ug/l | | 99 |
| 52) Toluene | 7.64 | 92 | 191770 | 47.261 | ug/l | | 98 |
| 53) t-1,3-Dichloropropene | 7.88 | 75 | 132338 | 48.708 | ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 7.27 | 75 | 141576 | 48.472 | ug/l | | 97 |
| 55) 1,1,2-Trichloroethane | 8.07 | 97 | 79772 | 49.585 | ug/l | | 97 |
| 56) Ethyl methacrylate | 8.02 | 69 | 134320 | 43.889 | ug/l | | 99 |
| 57) 1,3-Dichloropropane | 8.24 | 76 | 146585 | 46.936 | ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 7.13 | 63 | 377485 | 224.002 | ug/l | | 98 |
| 59) 2-Hexanone | 8.36 | 43 | 588916 | 247.316 | ug/l | | 99 |
| 60) Dibromochloromethane | 8.48 | 129 | 79900 | 49.518 | ug/l | | 98 |
| 61) 1,2-Dibromoethane | 8.59 | 107 | 81495 | 47.644 | ug/l | | 99 |
| 64) Tetrachloroethene | 8.23 | 164 | 59600 | 48.180 | ug/l | | 98 |
| 65) Chlorobenzene | 9.12 | 112 | 202759 | 48.475 | ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 9.21 | 131 | 71939 | 49.821 | ug/l | | 99 |
| 67) Ethyl Benzene | 9.25 | 91 | 365944 | 49.381 | ug/l | | 99 |
| 68) m/p-Xylenes | 9.38 | 106 | 274060 | 101.103 | ug/l | | 98 |
| 69) o-Xylene | 9.78 | 106 | 133296 | 51.746 | ug/l | | 97 |
| 70) Styrene | 9.79 | 104 | 224309 | 46.741 | ug/l | | 99 |
| 71) Bromoform | 9.96 | 173 | 59684 | 51.374 | ug/l | # | 100 |
| 73) Isopropylbenzene | 10.17 | 105 | 361258 | 49.015 | ug/l | | 99 |
| 74) N-amyl acetate | 10.02 | 43 | 202504 | 47.993 | ug/l | | 99 |
| 75) 1,1,2,2-Tetrachloroethane | 10.46 | 83 | 136793 | 47.267 | ug/l | | 100 |
| 76) 1,2,3-Trichloropropane | 10.49 | 75 | 167940 | 63.840 | ug/l | | 85 |
| 77) Bromobenzene | 10.45 | 156 | 82122 | 47.943 | ug/l | | 97 |
| 78) n-propylbenzene | 10.59 | 91 | 438868 | 49.553 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 10.66 | 91 | 252619 | 47.241 | ug/l | | 98 |
| 80) 1,3,5-Trimethylbenzene | 10.77 | 105 | 304356 | 50.721 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-buten | 10.49 | 75 | 167940 | 167.077 | ug/l | # | 100 |
| 82) 4-Chlorotoluene | 10.77 | 91 | 297492 | 49.024 | ug/l | | 99 |
| 83) tert-Butylbenzene | 11.10 | 119 | 292324 | 50.392 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.15 | 105 | 310332 | 50.628 | ug/l | | 100 |
| 85) sec-Butylbenzene | 11.32 | 105 | 368879 | 50.468 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 11.48 | 119 | 322770 | 51.576 | ug/l | | 100 |
| 87) 1,3-Dichlorobenzene | 11.42 | 146 | 155851 | 48.051 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 11.51 | 146 | 158128 | 47.709 | ug/l | | 100 |
| 89) n-Butylbenzene | 11.89 | 91 | 307044 | 46.381 | ug/l | | 100 |
| 90) Hexachloroethane | 12.15 | 117 | 57501 | 48.746 | ug/l | | 100 |
| 91) 1,2-Dichlorobenzene | 11.88 | 146 | 155923 | 49.387 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 12.66 | 75 | 31551 | 49.191 | ug/l | | 95 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
Data File : VU027555.D
Acq On : 10 Oct 2018 08:07
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050

Quant Time: Oct 11 04:01:00 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 | 110242 | 53.964 | ug/l | 99 |
| 94) Hexachlorobutadiene | 13.69 | 225 | 55212 | 53.493 | ug/l | 98 |
| 95) Naphthalene | 13.74 | 128 | 369907 | 48.273 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 13.99 | 180 | 111963 | 52.606 | ug/l | 99 |

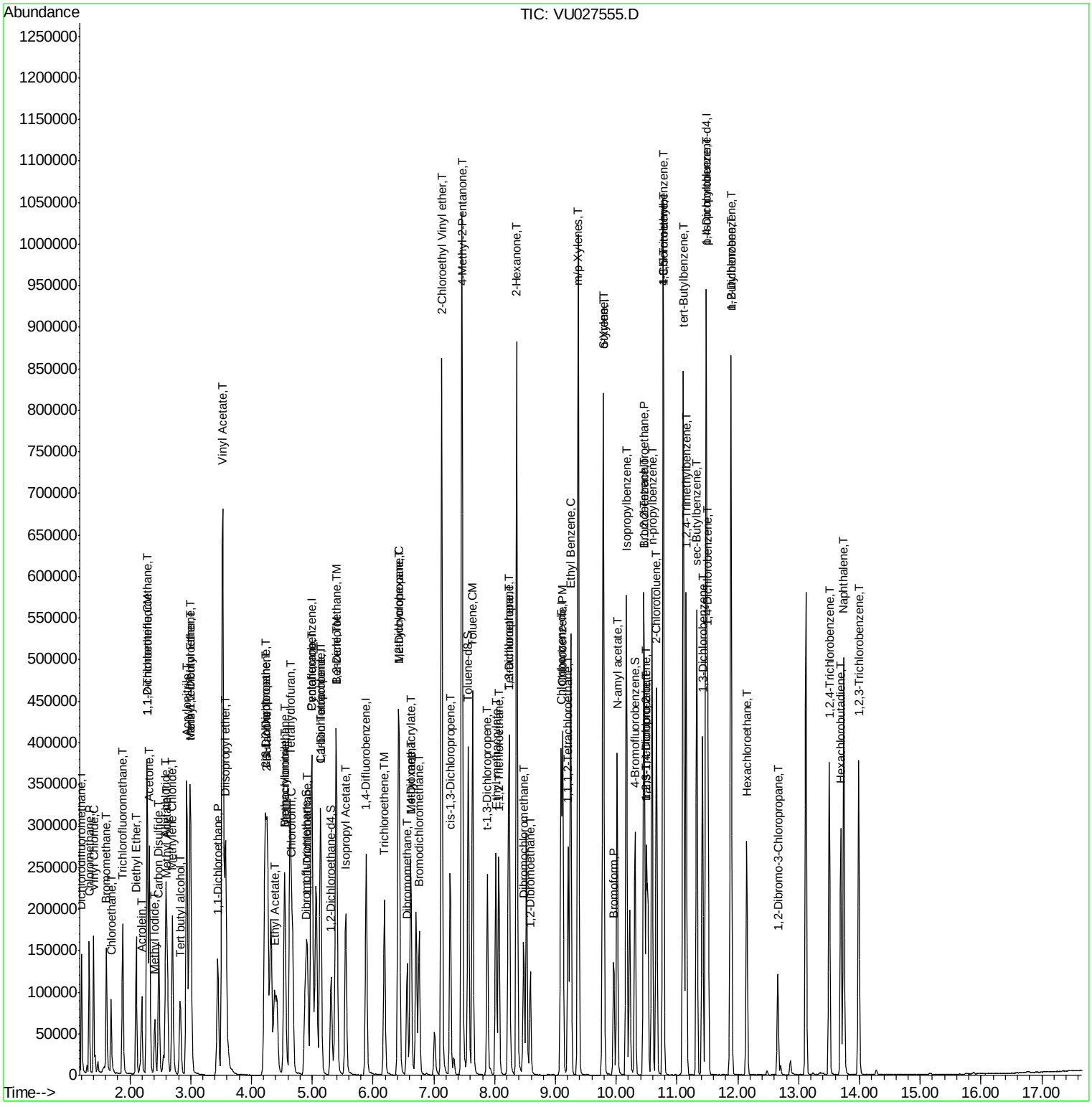
(#) = qualifier out of range (m) = manual integration (+) = signals summed

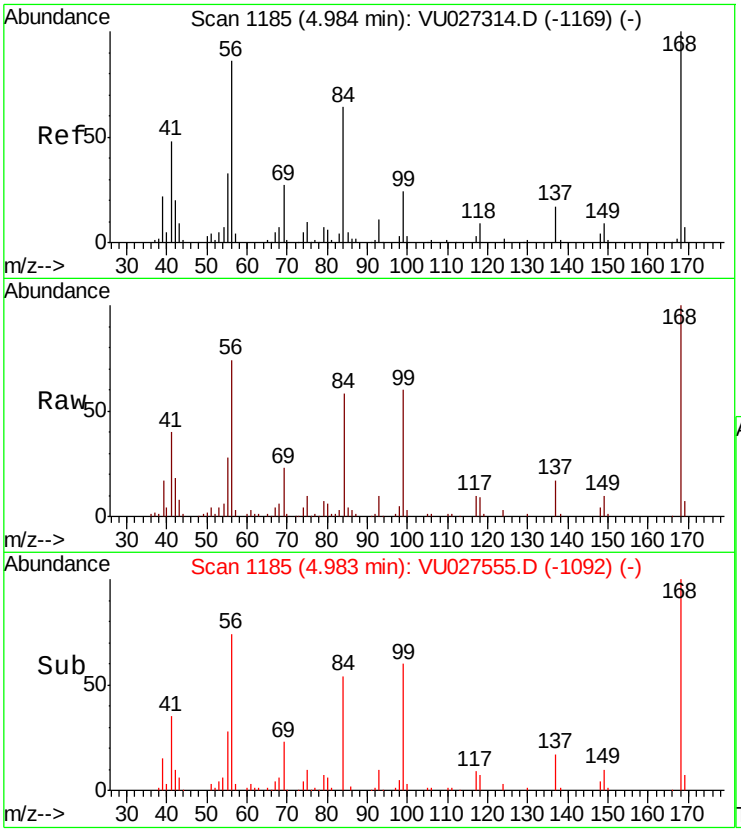
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101018\
Data File : VU027555.D
Acq On : 10 Oct 2018 08:07
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Quant Time: Oct 11 04:01:00 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



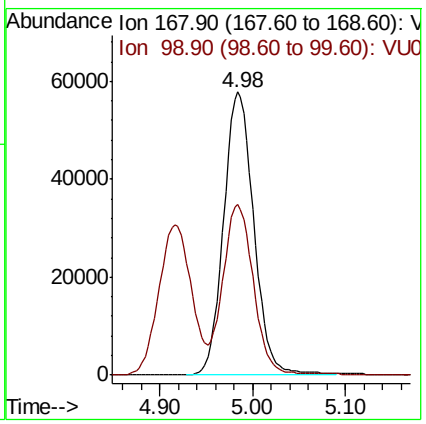


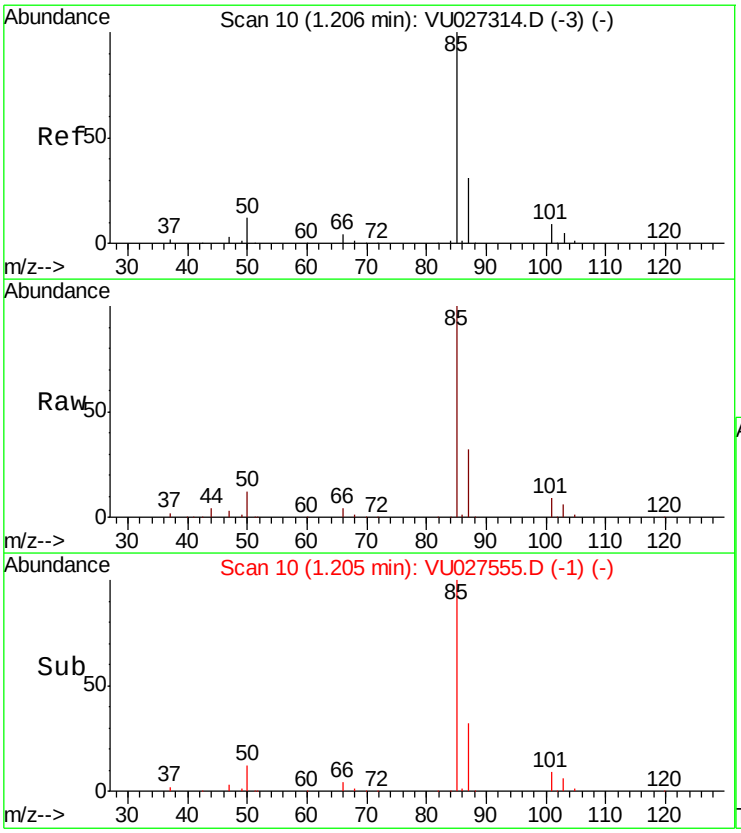

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion:168 Resp: 130756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 59.8 | 50.8 | 76.2 |

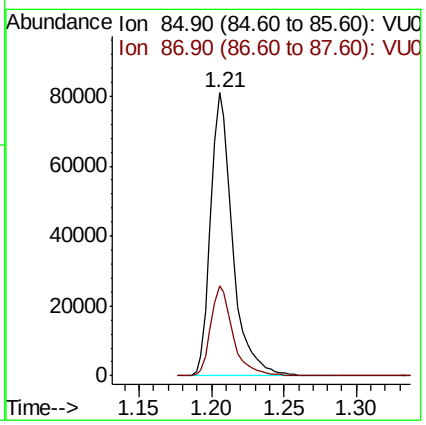


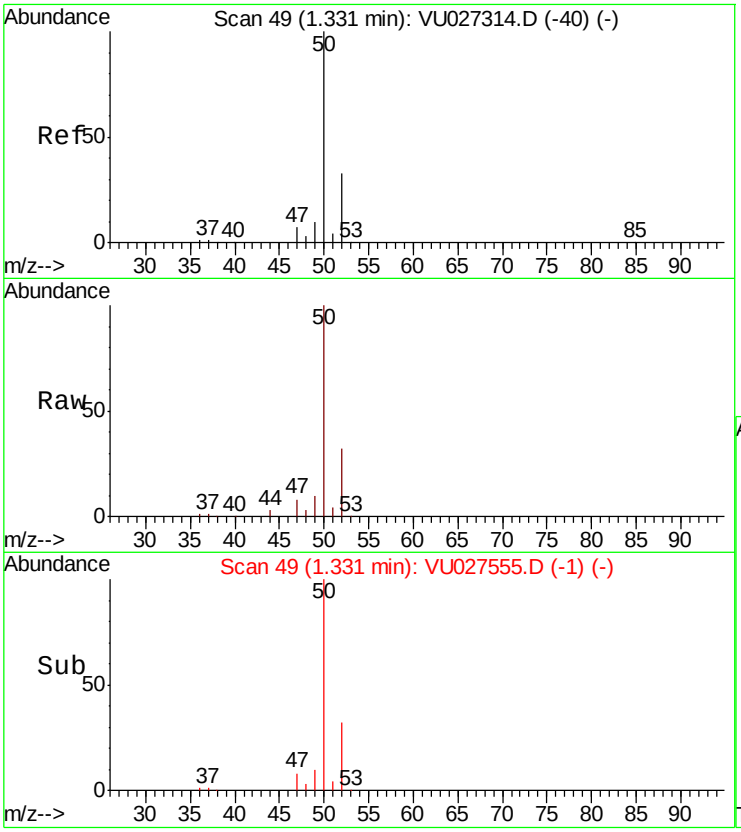




#2
Dichlorodifluoromethane
Concen: 45.219 ug/l
RT: 1.21 min Scan# 10
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion: 85 Resp: 85243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 31.9 | 15.7 | 47.1 |



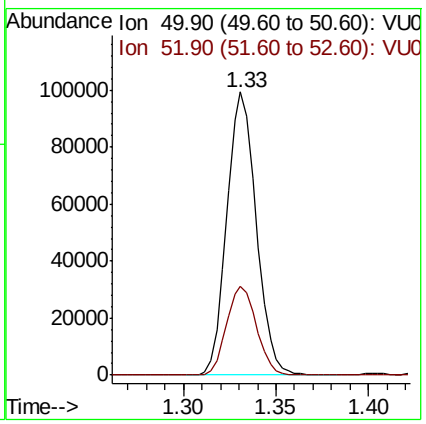


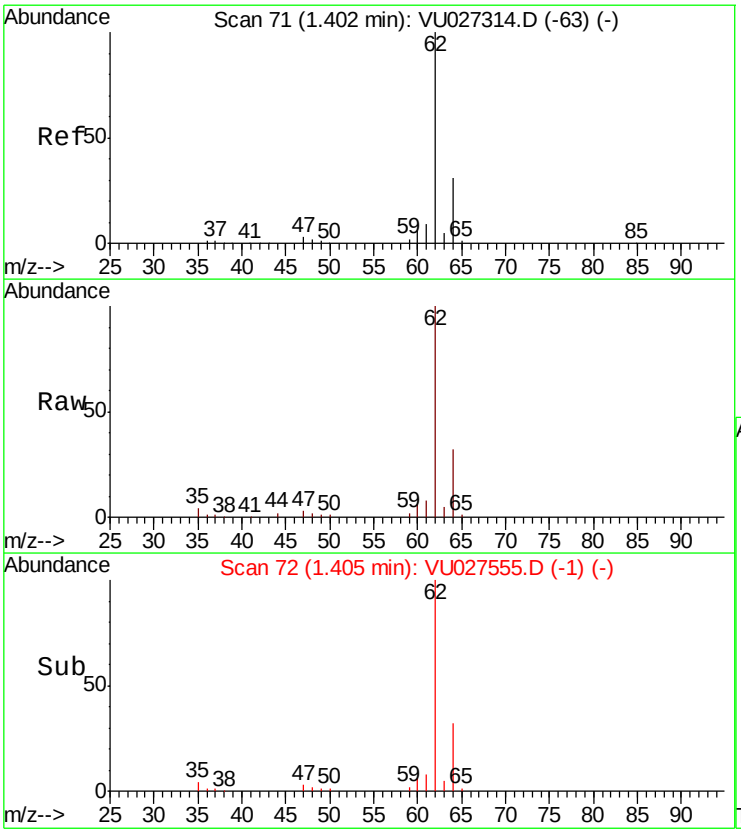

#3
Chloromethane
Concen: 42.777 ug/l
RT: 1.33 min Scan# 49
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 50 Resp: 109176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 31.6 | 26.5 | 39.7 |

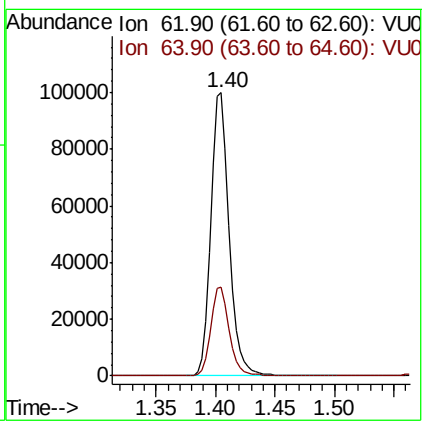


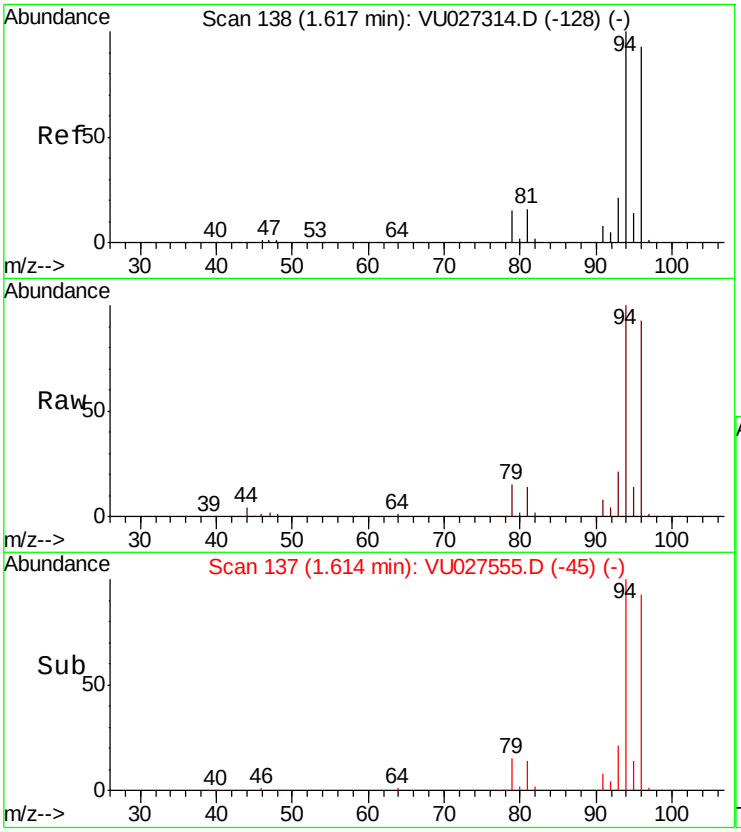




#4
Vinyl Chloride
Concen: 44.236 ug/l
RT: 1.40 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion: 62 Resp: 106128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.6 | 24.9 | 37.3 |



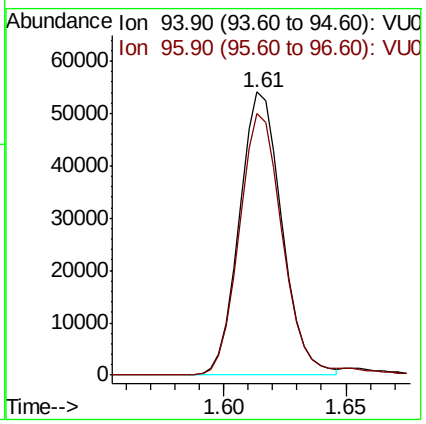


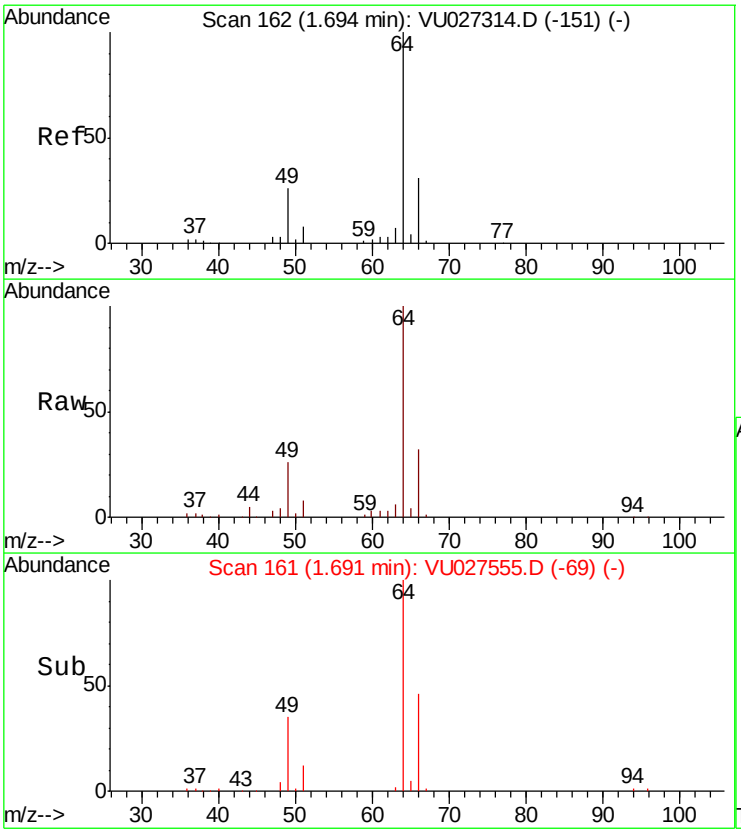

#5
Bromomethane
Concen: 62.928 ug/l
RT: 1.61 min Scan# 137
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 94 Resp: 65326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 92.6 | 74.6 | 111.8 |

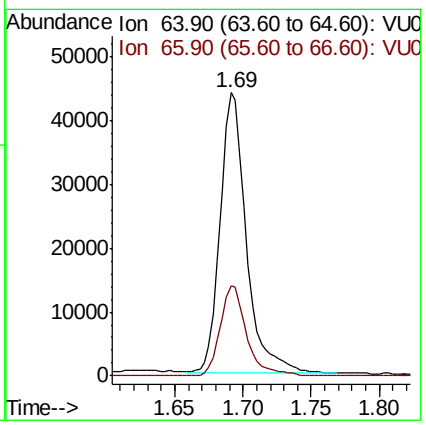


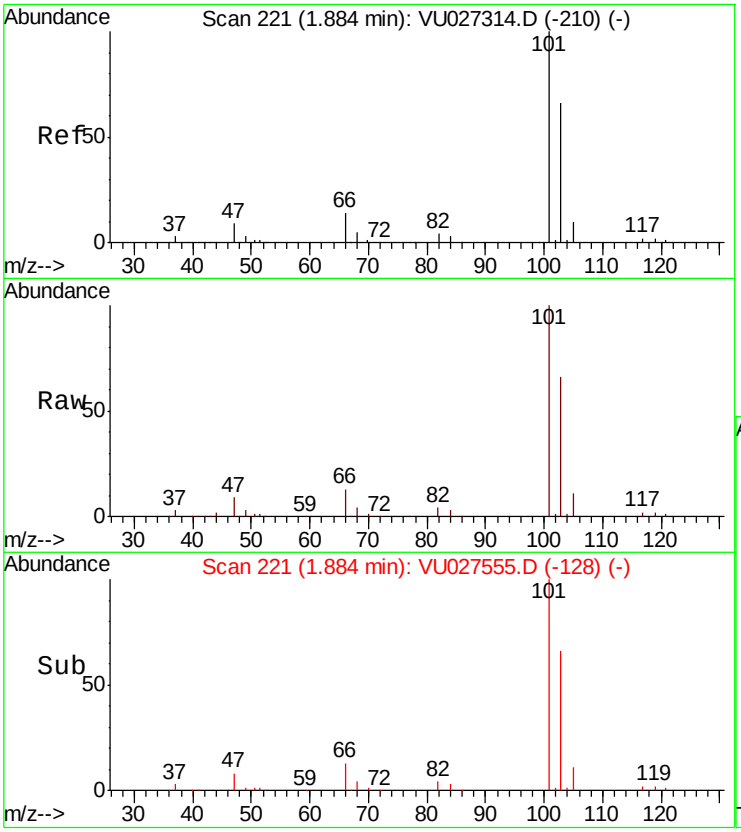




#6
Chloroethane
Concen: 40.844 ug/l
RT: 1.69 min Scan# 161
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion: 64 Resp: 58883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.4 | 24.6 | 36.8 |



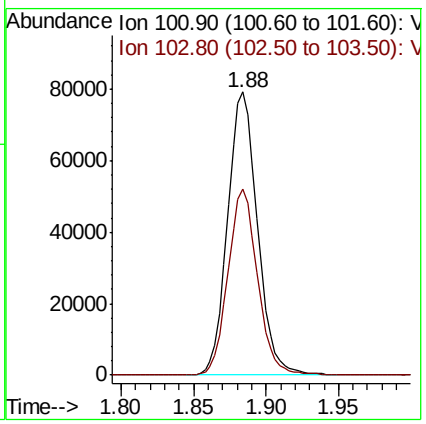


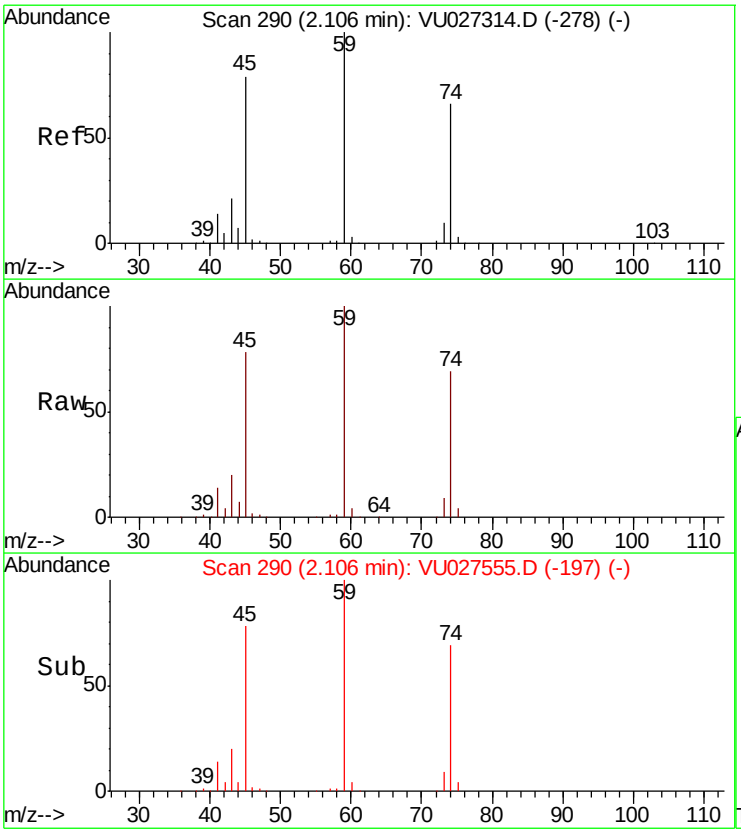

#7
Trichlorofluoromethane
Concen: 46.410 ug/l
RT: 1.88 min Scan# 221
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion:101 Resp: 112974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.6 | 52.6 | 78.8 |

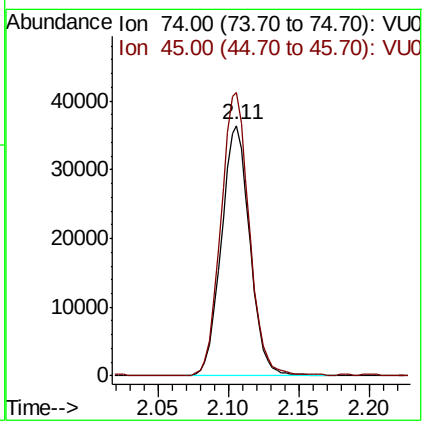


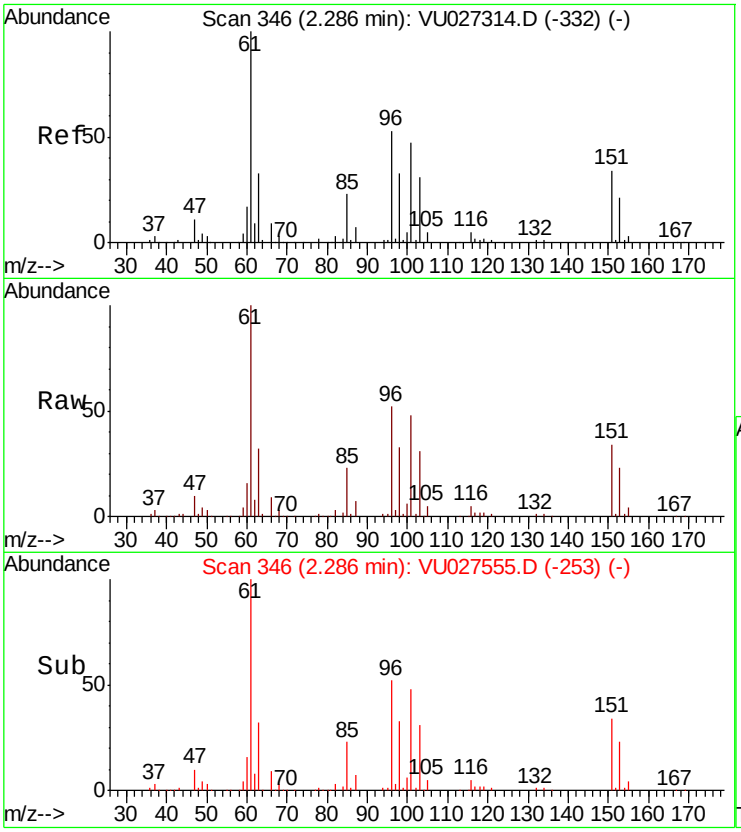




#8
Diethyl Ether
Concen: 45.685 ug/l
RT: 2.11 min Scan# 290
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion: 74 Resp: 51229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 113.4 | 60.4 | 181.1 |



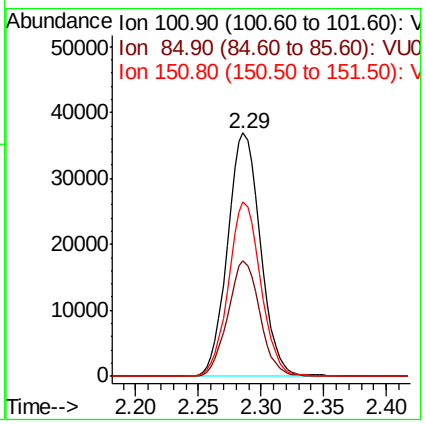


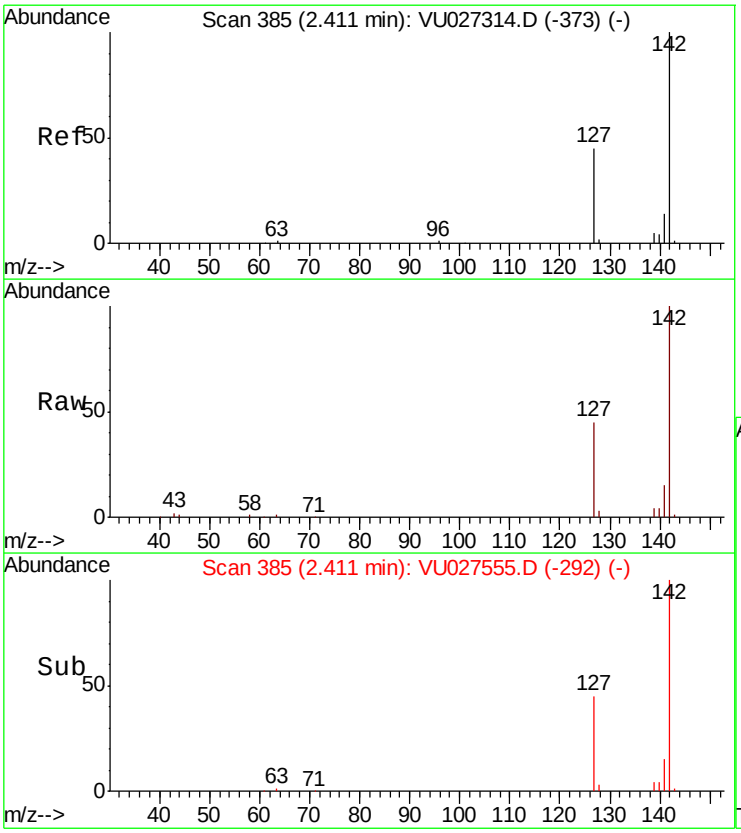

#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.510 ug/l
RT: 2.29 min Scan# 346
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion:101 Resp: 67164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 46.1 | 37.5 | 56.3 |
| 151 | 70.0 | 55.6 | 83.4 |

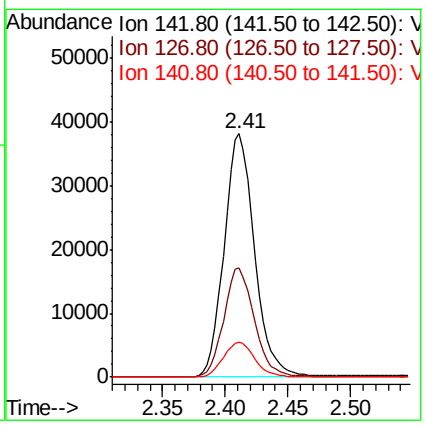


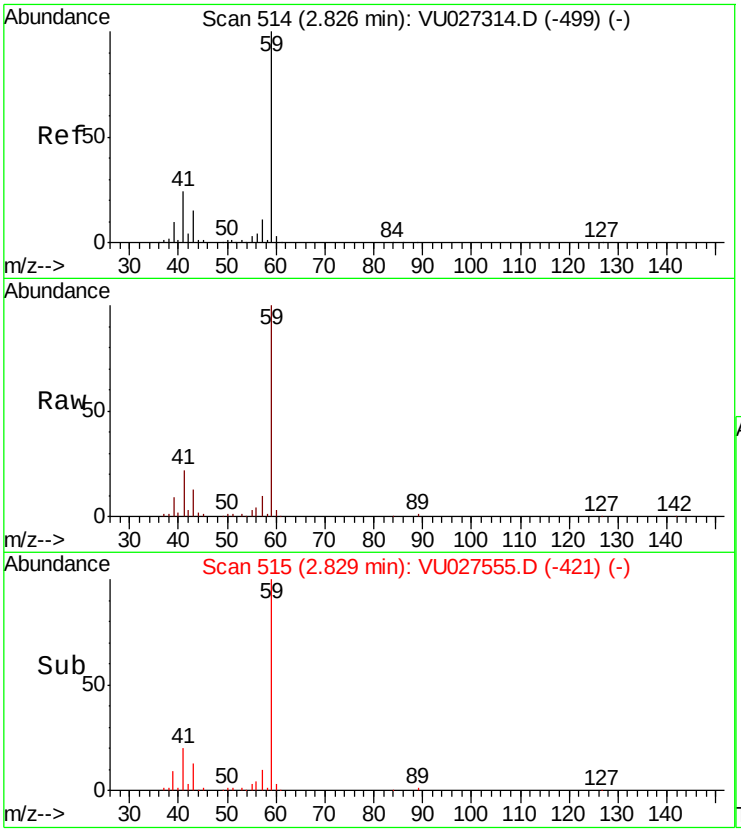




#10
Methyl Iodide
Concen: 51.566 ug/l
RT: 2.41 min Scan# 385
Delta R.T. 0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion:142 Resp: 64178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 45.1 | 36.3 | 54.5 |
| 141 | 15.0 | 11.6 | 17.4 |



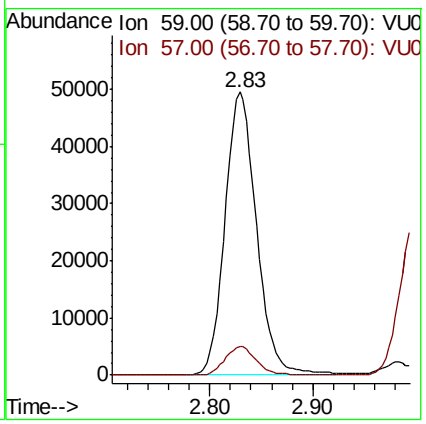


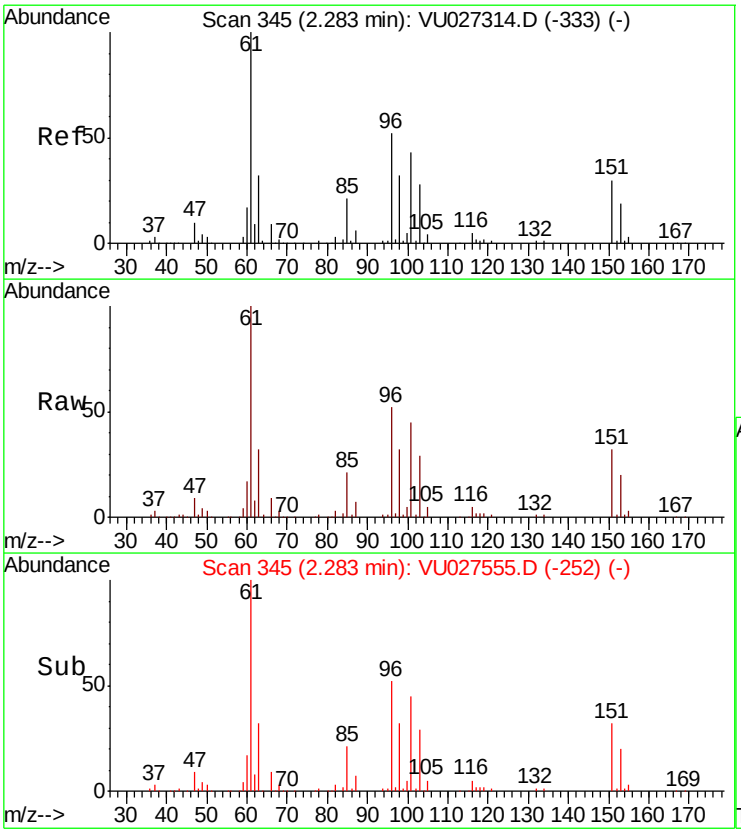

#11
Tert butyl alcohol
Concen: 229.347 ug/l
RT: 2.83 min Scan# 515
Delta R.T. 0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 59 Resp: 105451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.0 | 8.4 | 12.6 |

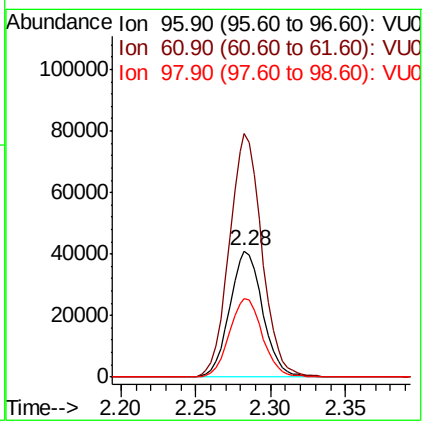


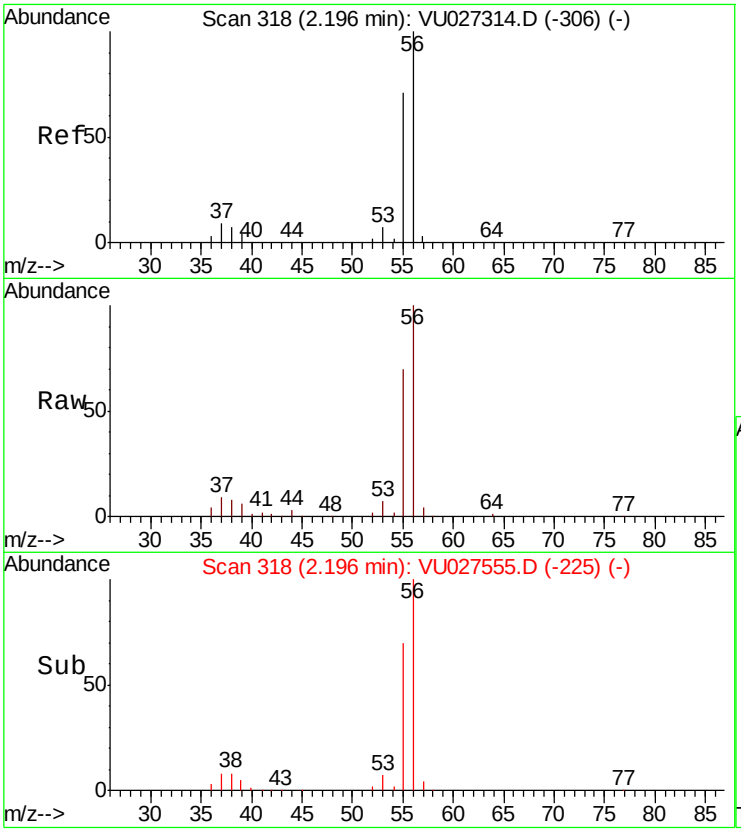




#12
1,1-Dichloroethene
Concen: 45.549 ug/l
RT: 2.28 min Scan# 345
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion: 96 Resp: 62911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 192.5 | 153.0 | 229.6 |
| 98 | 62.4 | 49.3 | 73.9 |



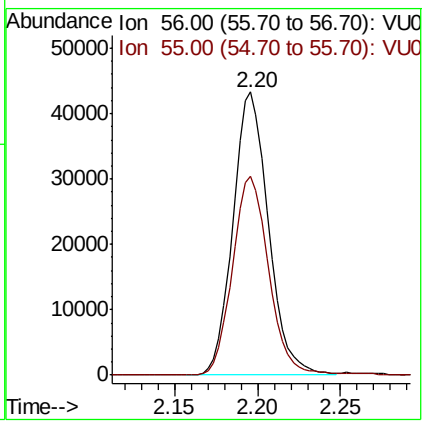


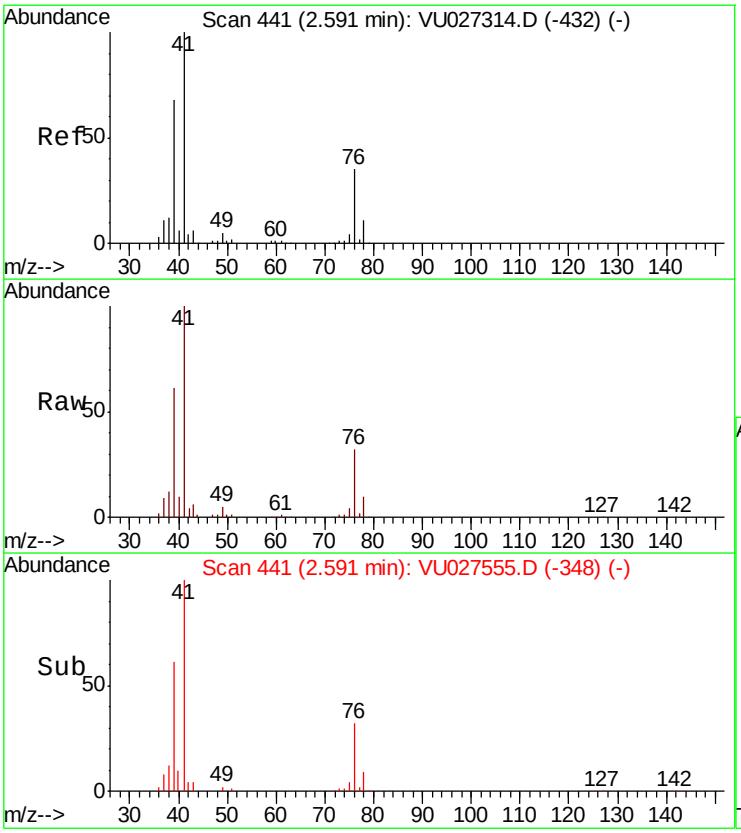

#13
Acrolein
Concen: 167.355 ug/l
RT: 2.20 min Scan# 318
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 56 Resp: 64567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 71.6 | 57.7 | 86.5 |

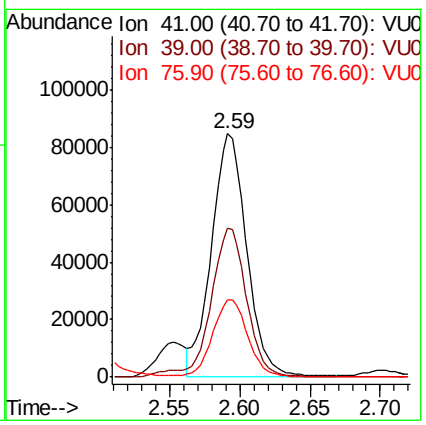


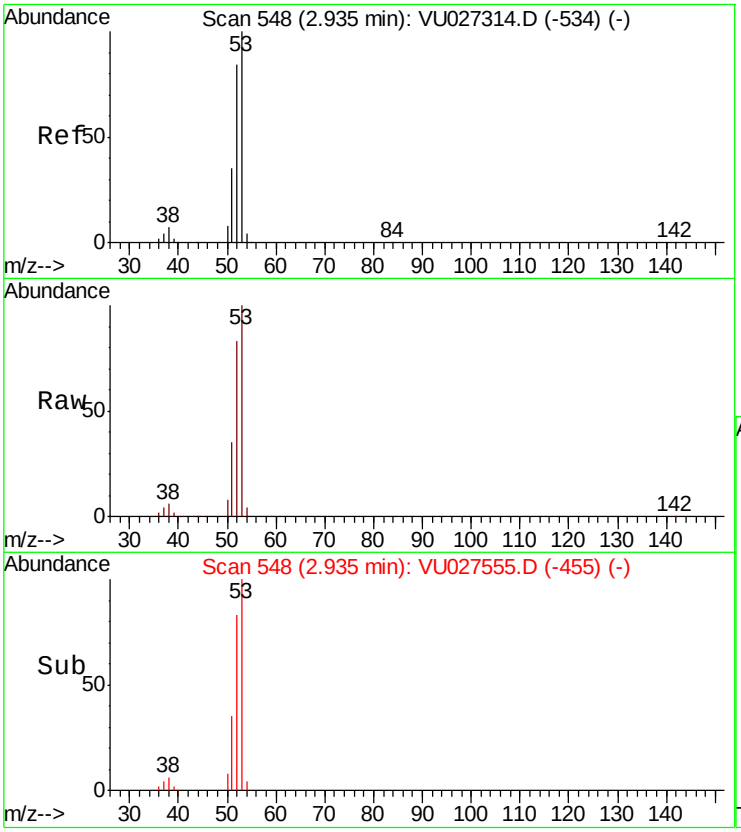




#14
Allyl chloride
Concen: 44.820 ug/l
RT: 2.59 min Scan# 441
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion: 41 Resp: 147002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 62.7 | 51.8 | 77.8 |
| 76 | 31.9 | 25.9 | 38.9 |



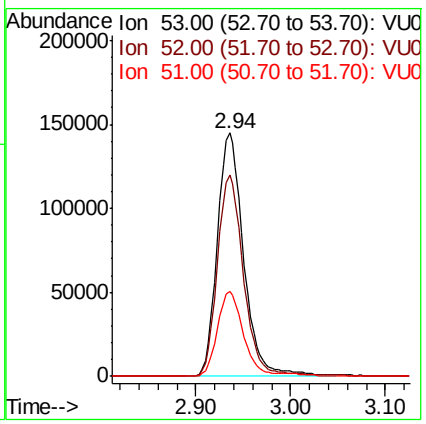


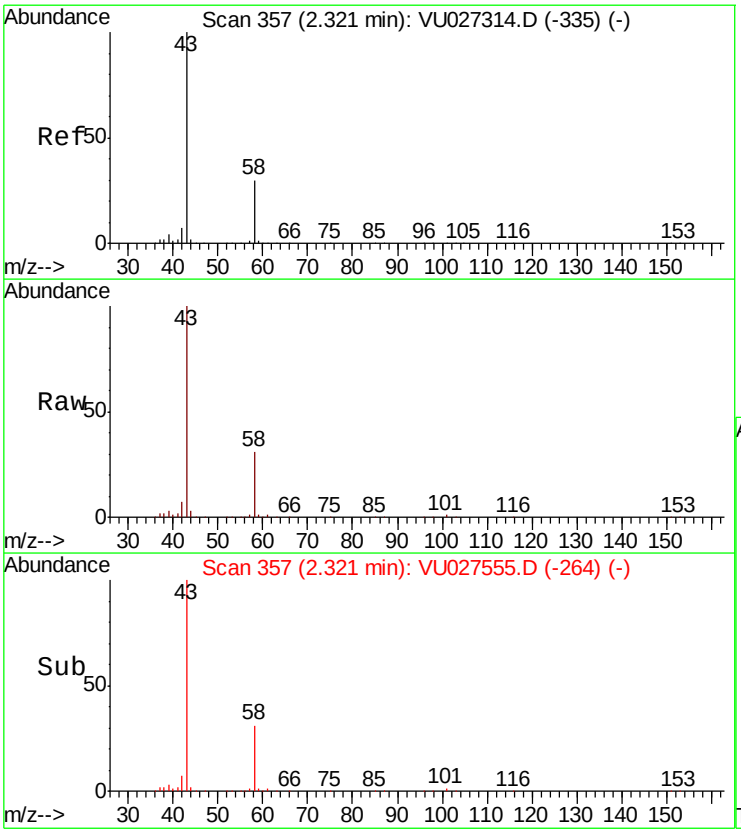

#15
Acrylonitrile
Concen: 234.639 ug/l
RT: 2.94 min Scan# 548
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 53 Resp: 280793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.3 | 66.5 | 99.7 |
| 51 | 35.4 | 27.6 | 41.4 |

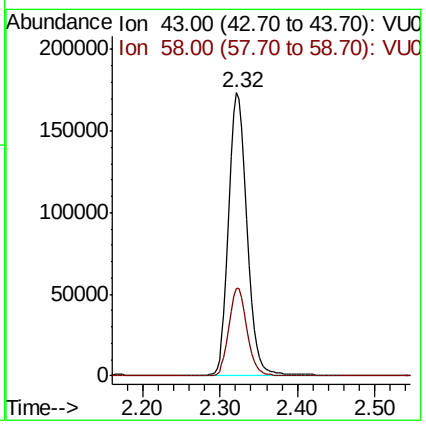


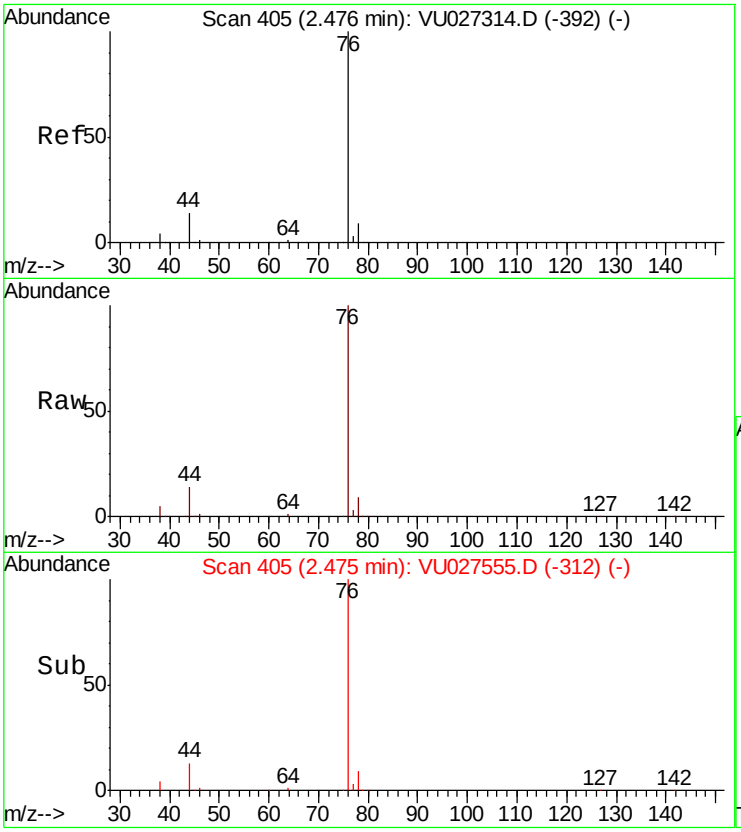




#16
Acetone
Concen: 220.869 ug/l
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion: 43 Resp: 284892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.0 | 24.2 | 36.4 |



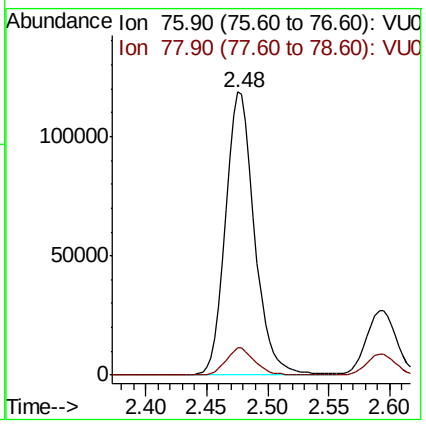


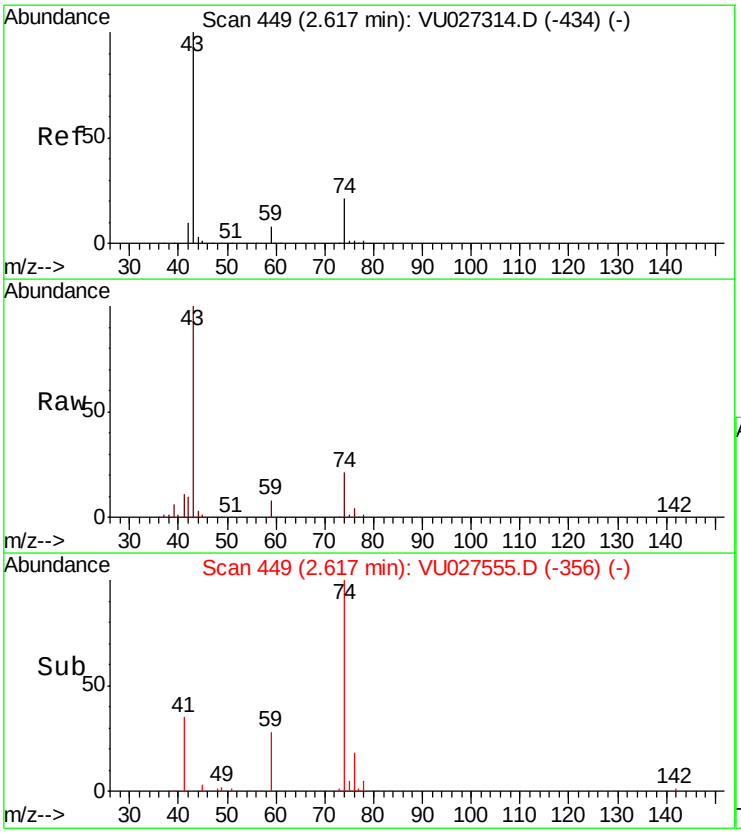

#17
Carbon Disulfide
Concen: 39.749 ug/l
RT: 2.48 min Scan# 405
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050

Tgt Ion: 76 Resp: 198002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.5 | 7.3 | 10.9 |

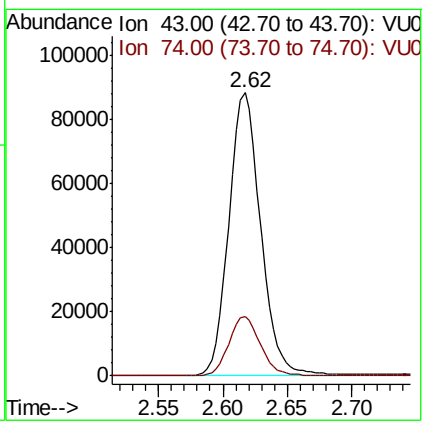


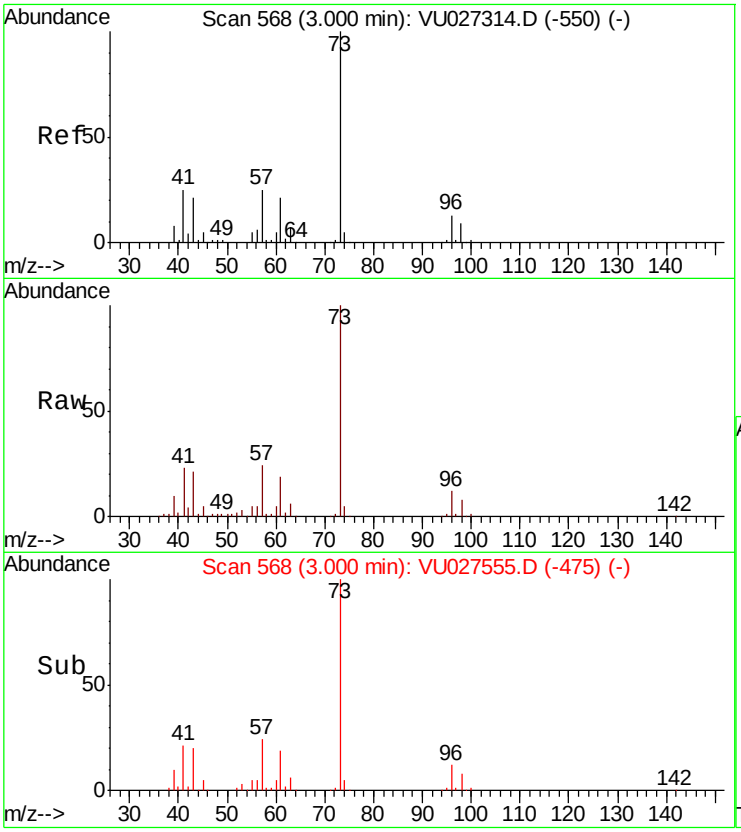




#18
Methyl Acetate
Concen: 51.461 ug/l
RT: 2.62 min Scan# 449
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion: 43 Resp: 151425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 21.1 | 16.5 | 24.7 |



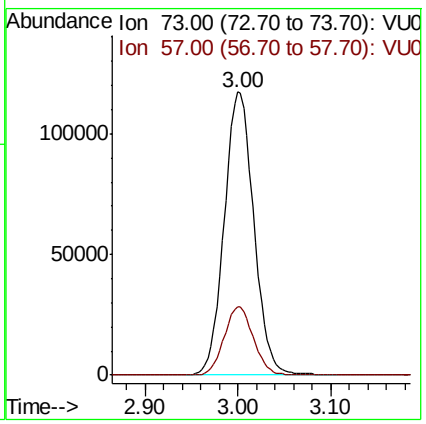


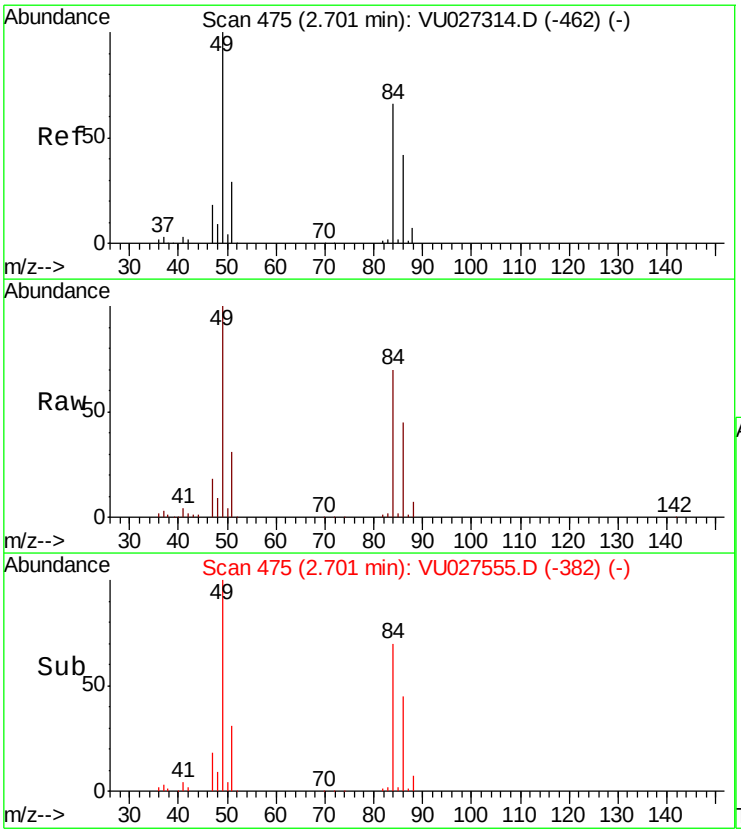

#19
Methyl tert-butyl Ether
Concen: 46.855 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050

Tgt Ion: 73 Resp: 259304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 24.3 | 20.0 | 30.0 |

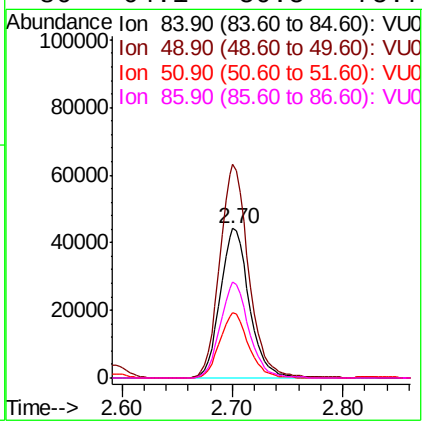


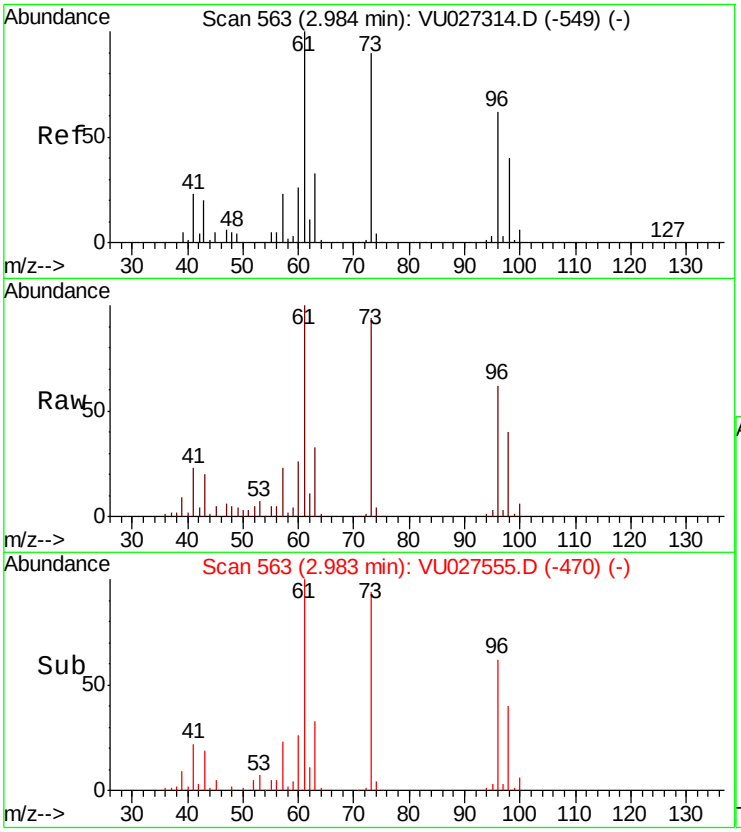




#20
Methylene Chloride
Concen: 44.871 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion: 84 Resp: 80620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 143.0 | 120.5 | 180.7 |
| 51 | 43.9 | 35.1 | 52.7 |
| 86 | 64.1 | 50.5 | 75.7 |



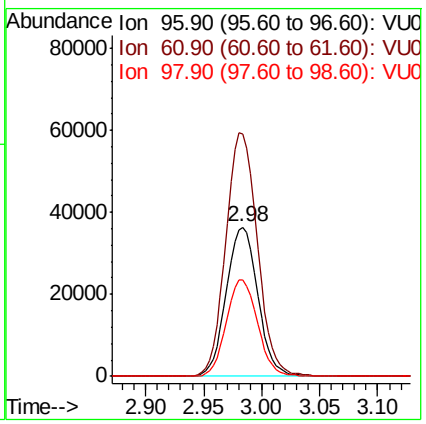


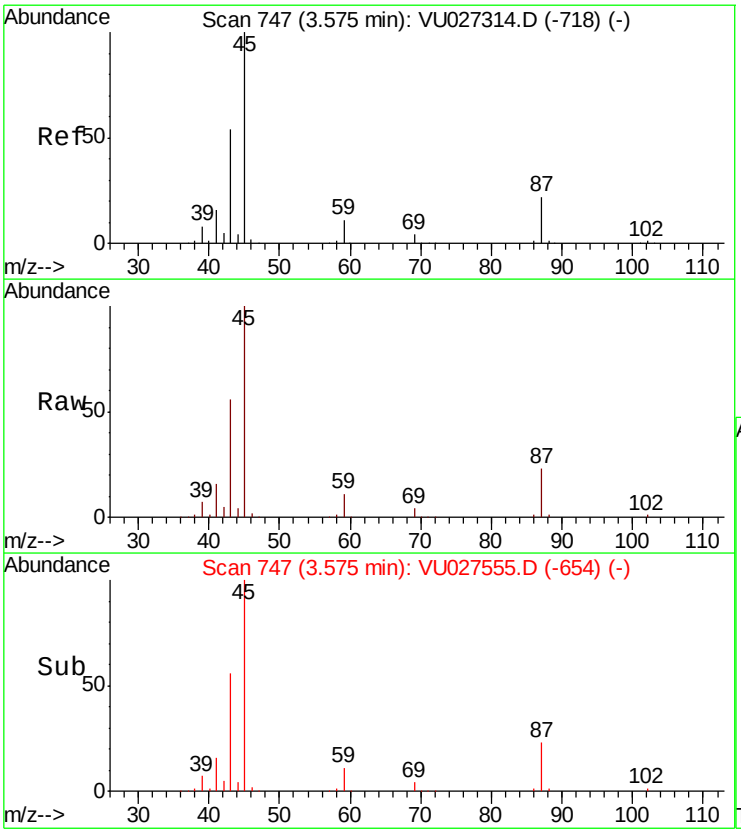

#21
trans-1,2-Dichloroethene
Concen: 44.096 ug/l
RT: 2.98 min Scan# 563
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 96 Resp: 68378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 162.5 | 129.4 | 194.2 |
| 98 | 64.2 | 51.2 | 76.8 |

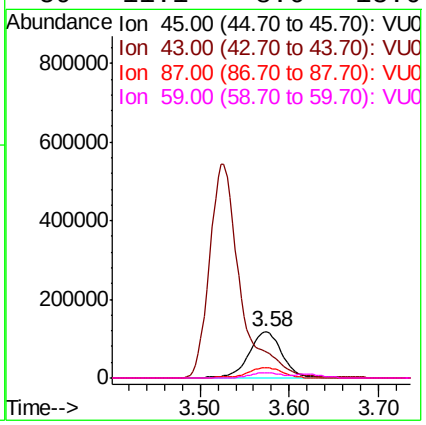


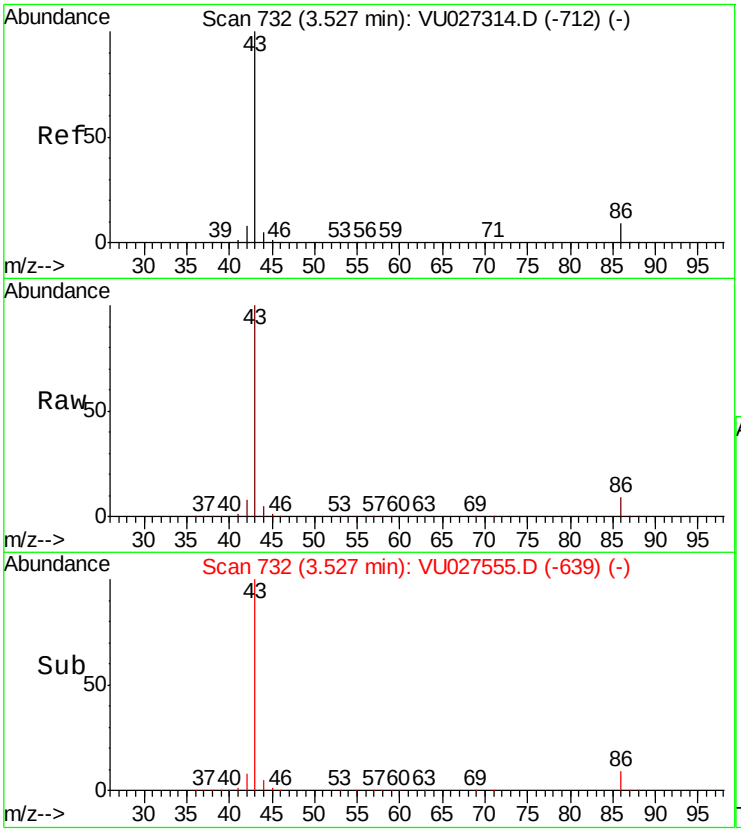




#22
Diisopropyl ether
Concen: 45.854 ug/l
RT: 3.58 min Scan# 747
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion: 45 Resp: 305675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 53.5 | 43.4 | 65.2 |
| 87 | 22.8 | 17.5 | 26.3 |
| 59 | 11.1 | 8.6 | 13.0 |



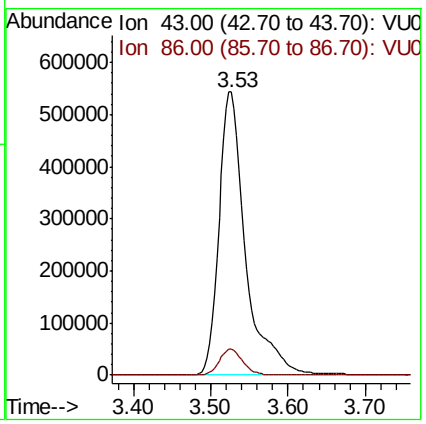


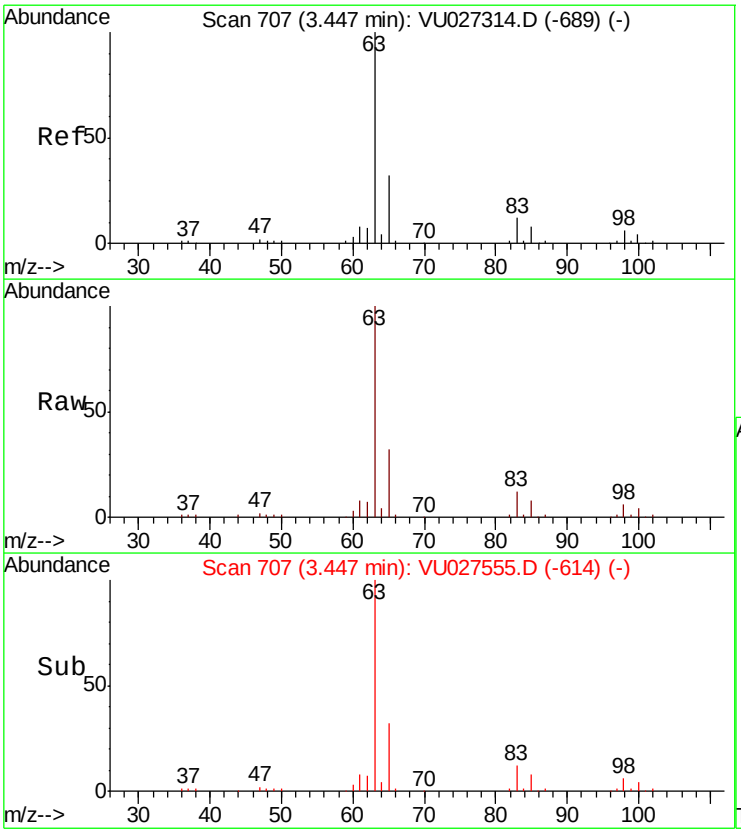

#23
Vinyl Acetate
Concen: 223.726 ug/l
RT: 3.53 min Scan# 732
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050

Tgt Ion: 43 Resp: 1302466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 9.0 | 7.0 | 10.4 |

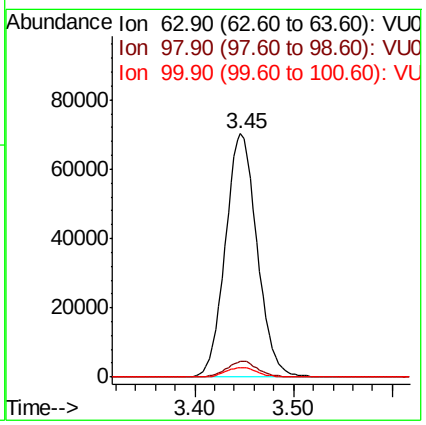


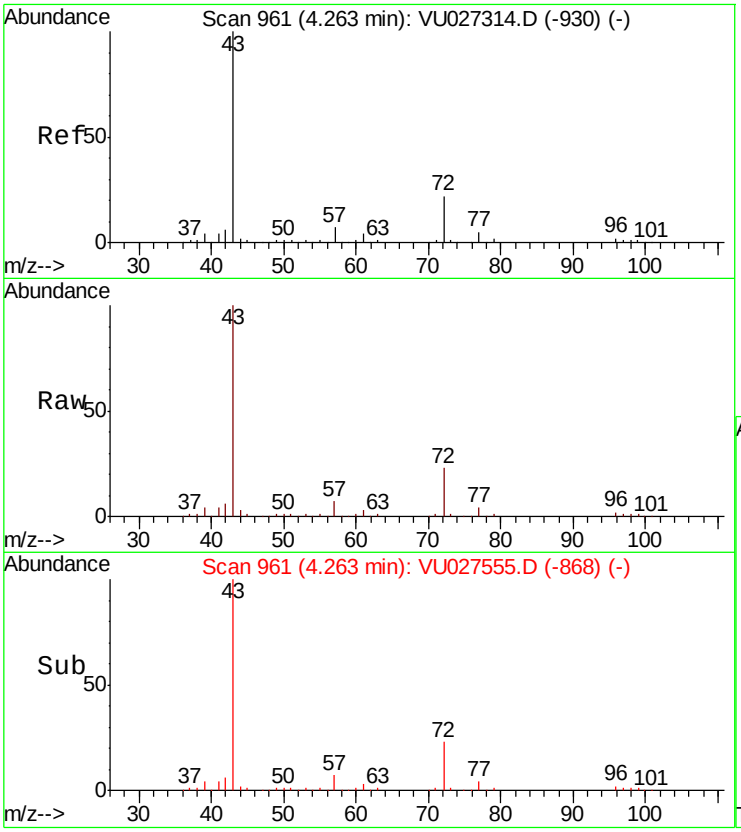




#24
1,1-Dichloroethane
Concen: 46.005 ug/l
RT: 3.45 min Scan# 707
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion: 63 Resp: 157660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.2 | 3.0 | 9.2 |
| 100 | 3.9 | 1.8 | 5.5 |



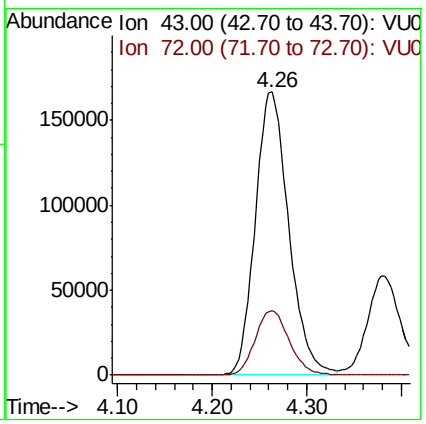


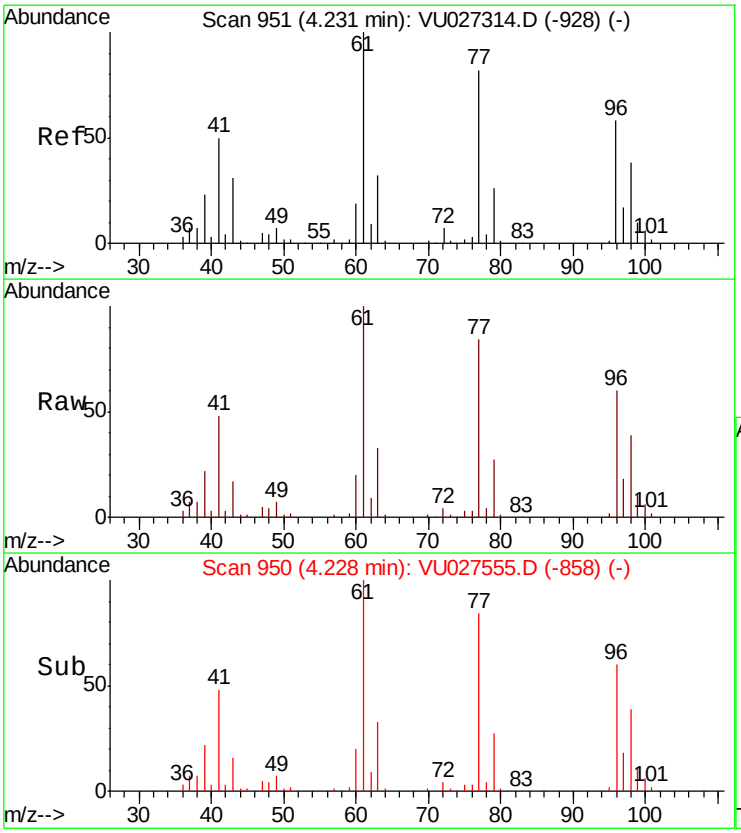

#25
2-Butanone
Concen: 232.347 ug/l
RT: 4.26 min Scan# 961
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 43 Resp: 408683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 22.9 | 17.8 | 26.6 |

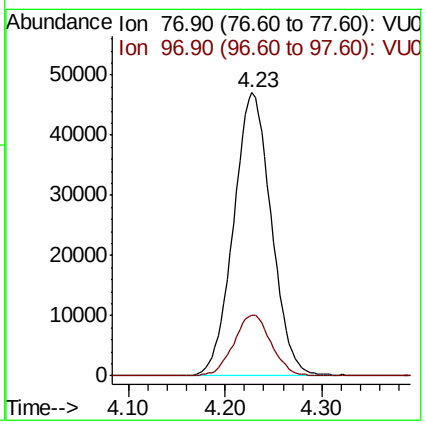


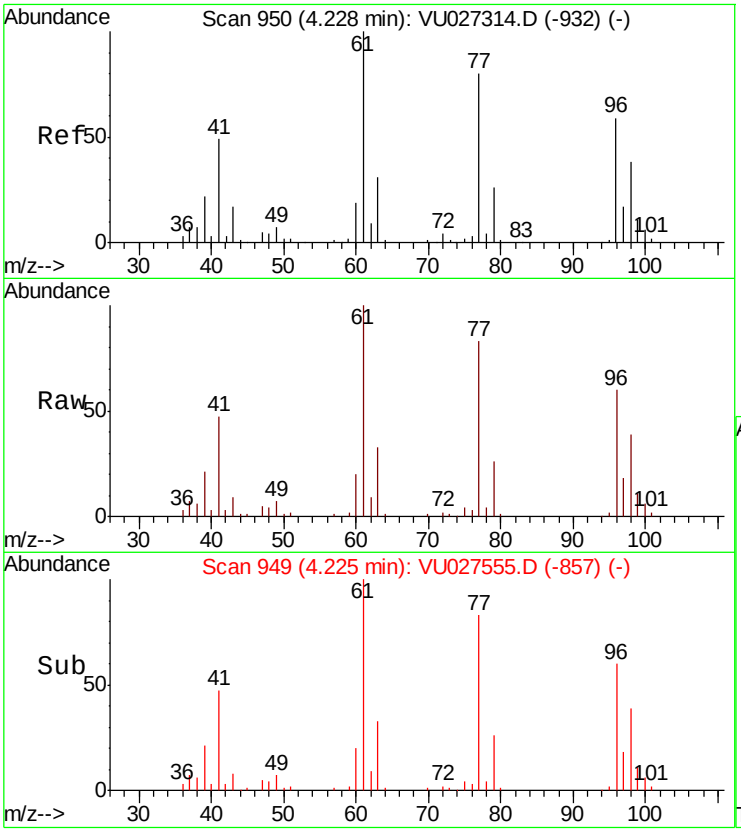




#26
2,2-Dichloropropane
Concen: 45.341 ug/l
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion: 77 Resp: 127679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 21.2 | 10.4 | 31.1 |



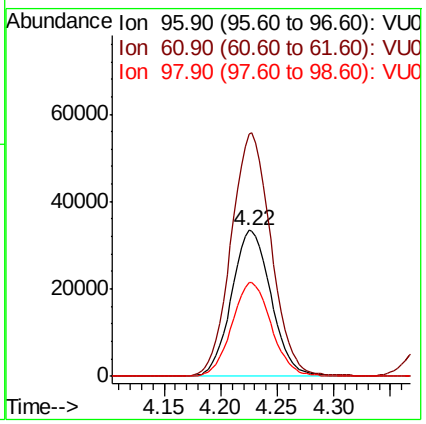


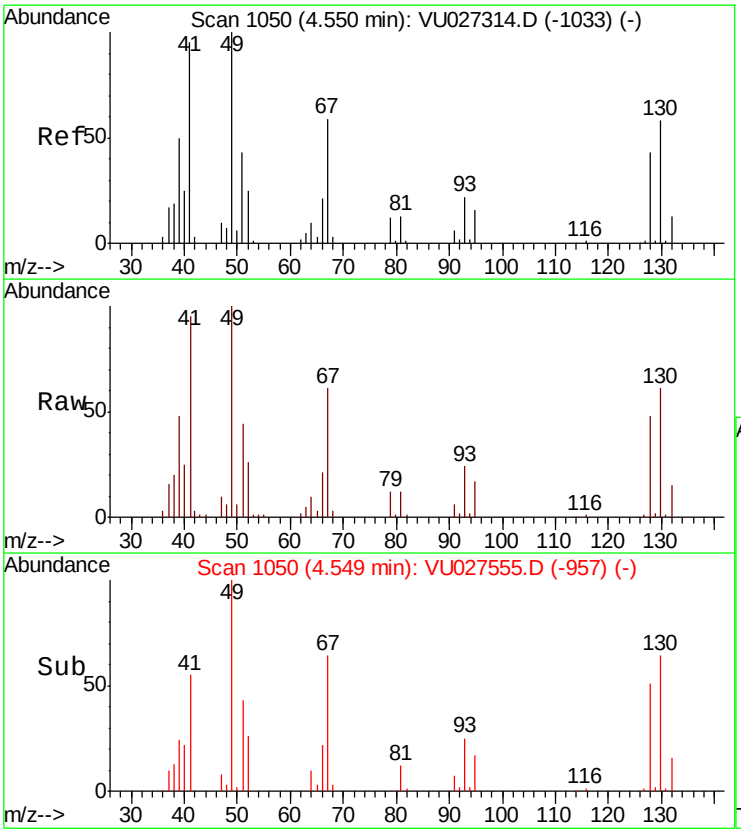

#27
cis-1,2-Dichloroethene
Concen: 45.894 ug/l
RT: 4.22 min Scan# 949
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 96 Resp: 81383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 168.1 | 0.0 | 343.8 |
| 98 | 63.9 | 0.0 | 129.0 |

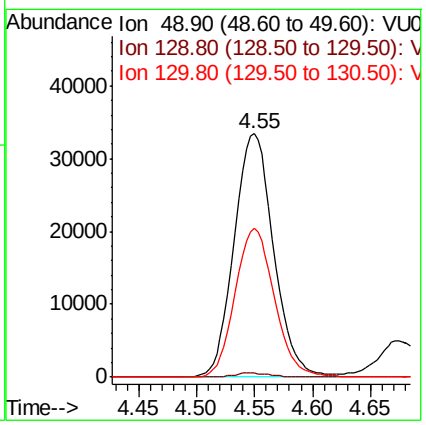


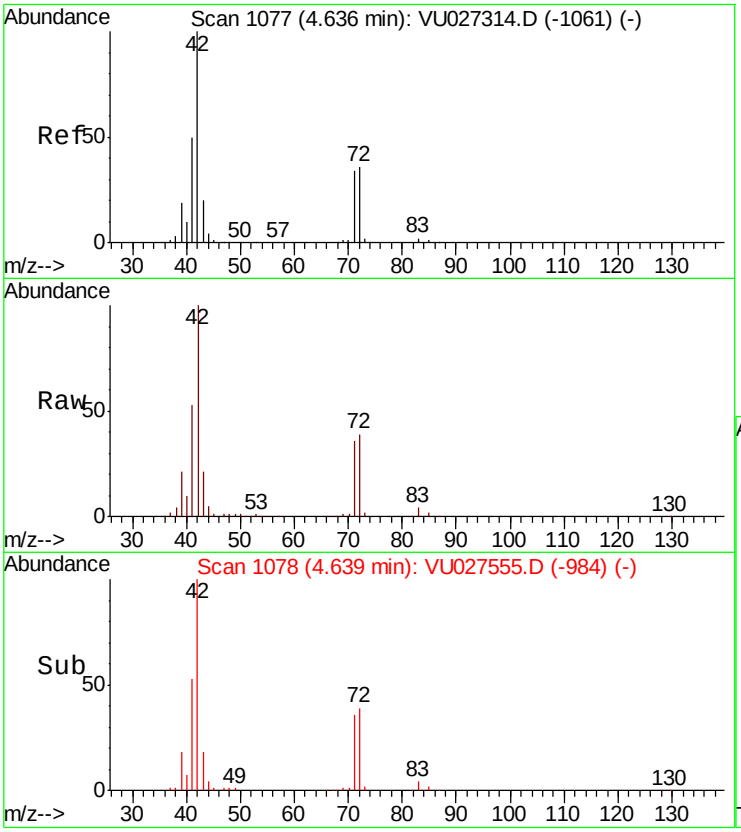




#28
Bromochloromethane
Concen: 47.904 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion: 49 Resp: 79203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.5 | 0.0 | 3.0 |
| 130 | 60.7 | 46.1 | 69.1 |



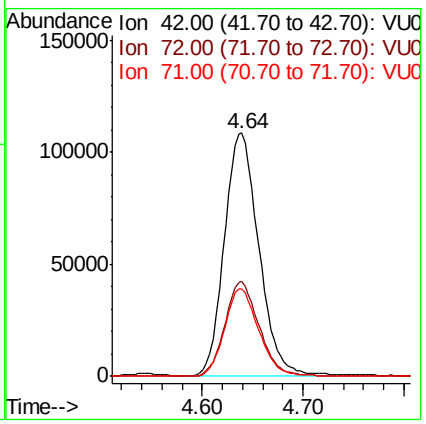


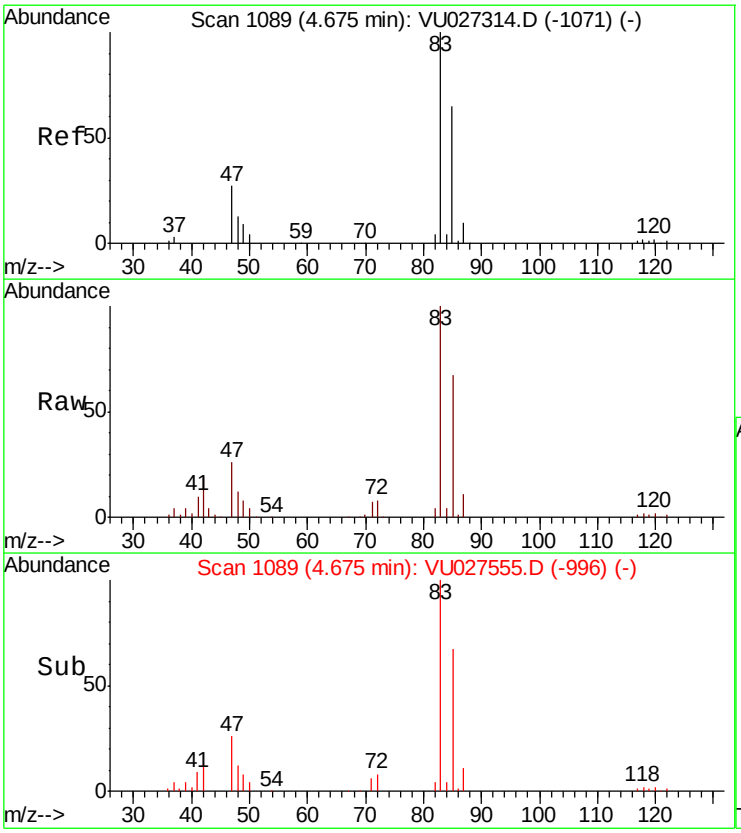

#29
Tetrahydrofuran
Concen: 232.559 ug/l
RT: 4.64 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 42 Resp: 257793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 39.1 | 30.1 | 45.1 |
| 71 | 35.8 | 27.7 | 41.5 |

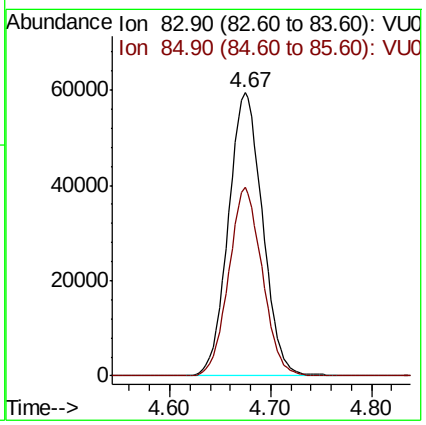


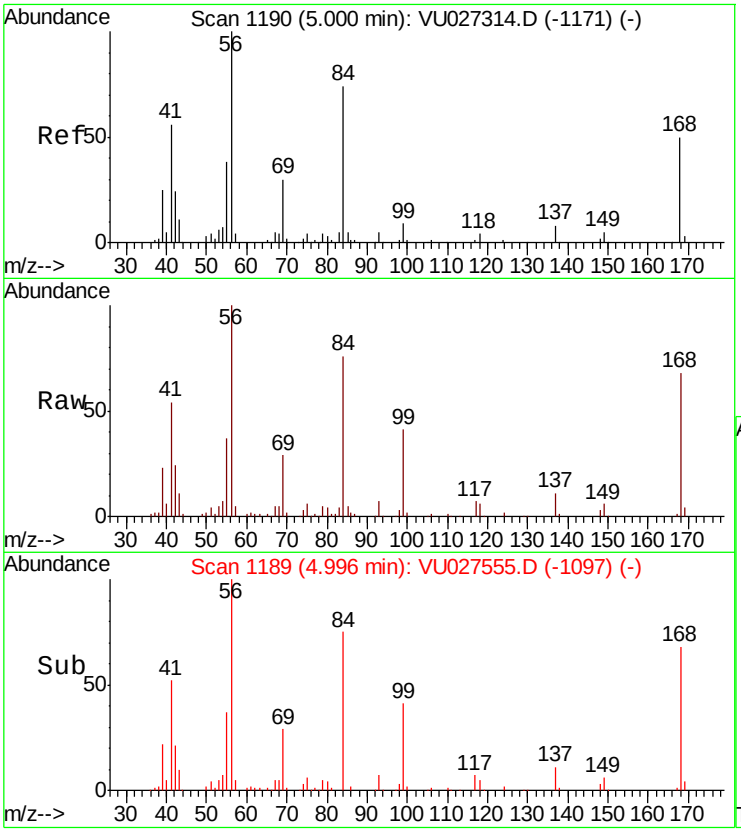




#30
Chloroform
Concen: 45.976 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion: 83 Resp: 139985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 66.6 | 51.8 | 77.6 |



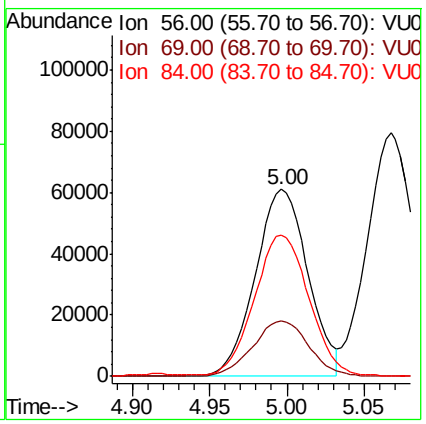


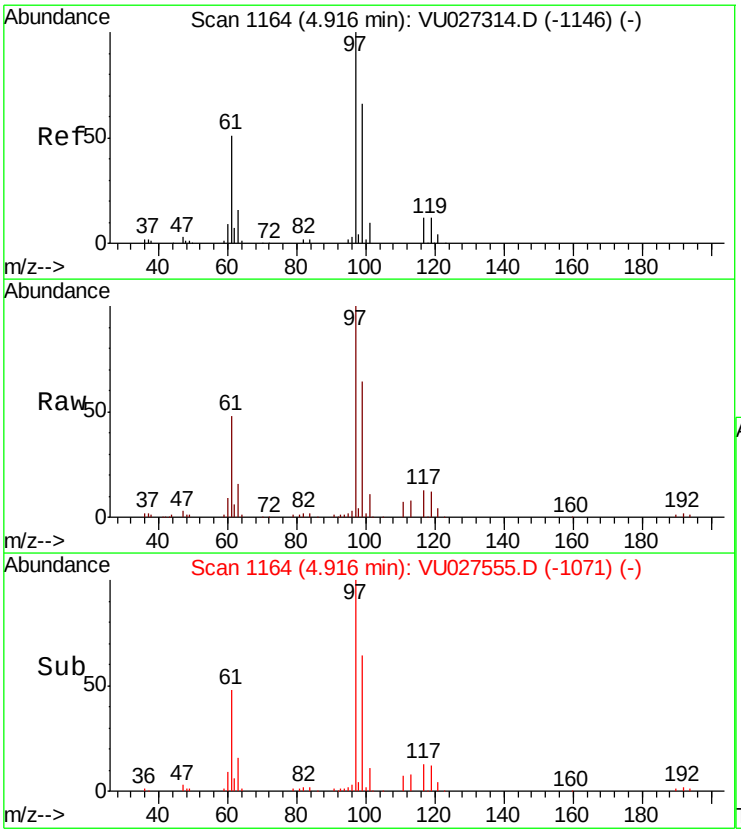

#31
Cyclohexane
Concen: 41.357 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 56 Resp: 144969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 29.4 | 24.1 | 36.1 |
| 84 | 75.1 | 59.1 | 88.7 |

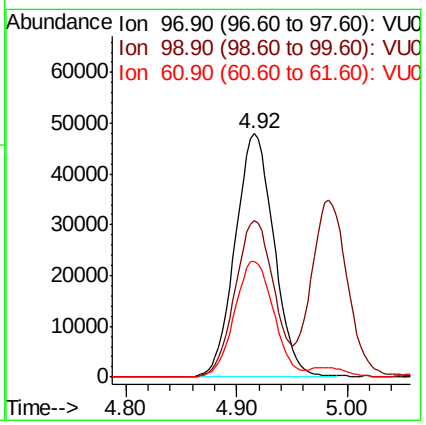


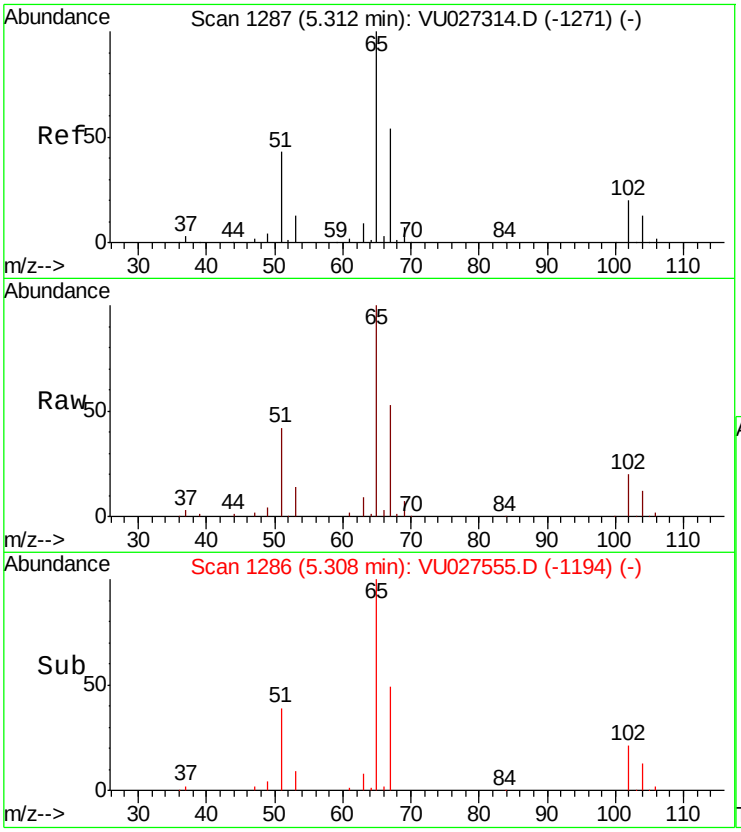




#32
1,1,1-Trichloroethane
Concen: 45.640 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion: 97 Resp: 117036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.8 | 51.1 | 76.7 |
| 61 | 48.0 | 39.6 | 59.4 |



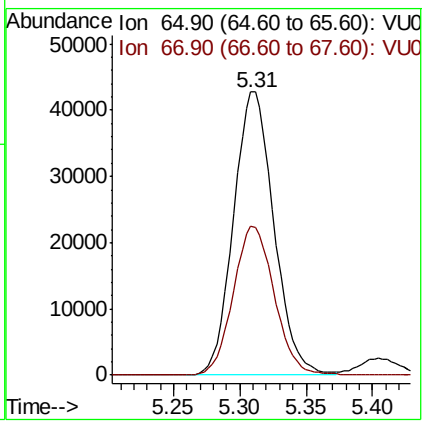


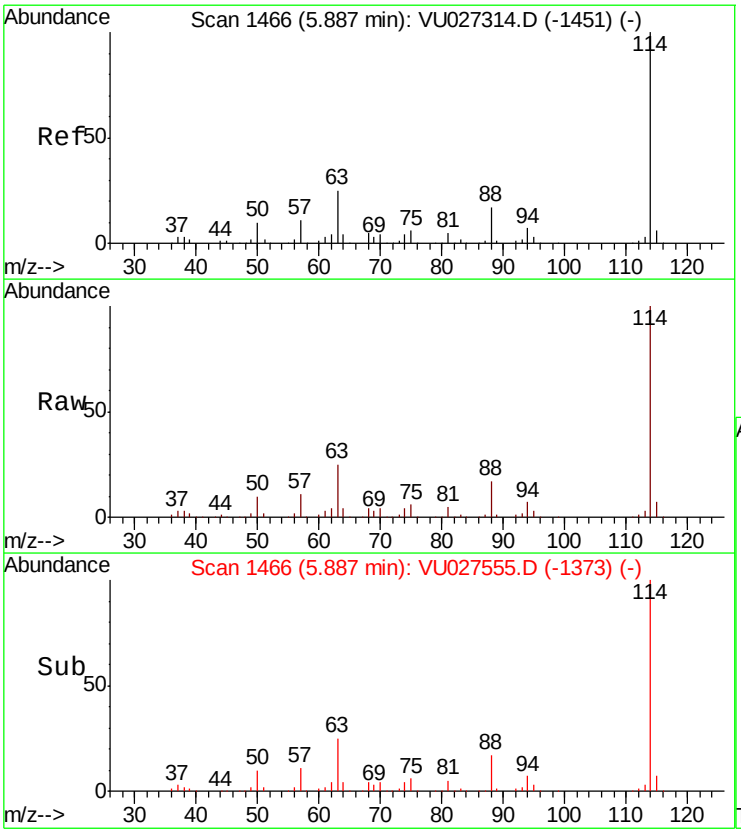

#33
1,2-Dichloroethane-d4
Concen: 41.537 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050

Tgt Ion: 65 Resp: 90691

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

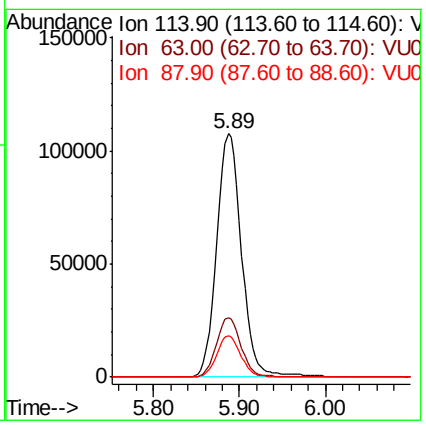


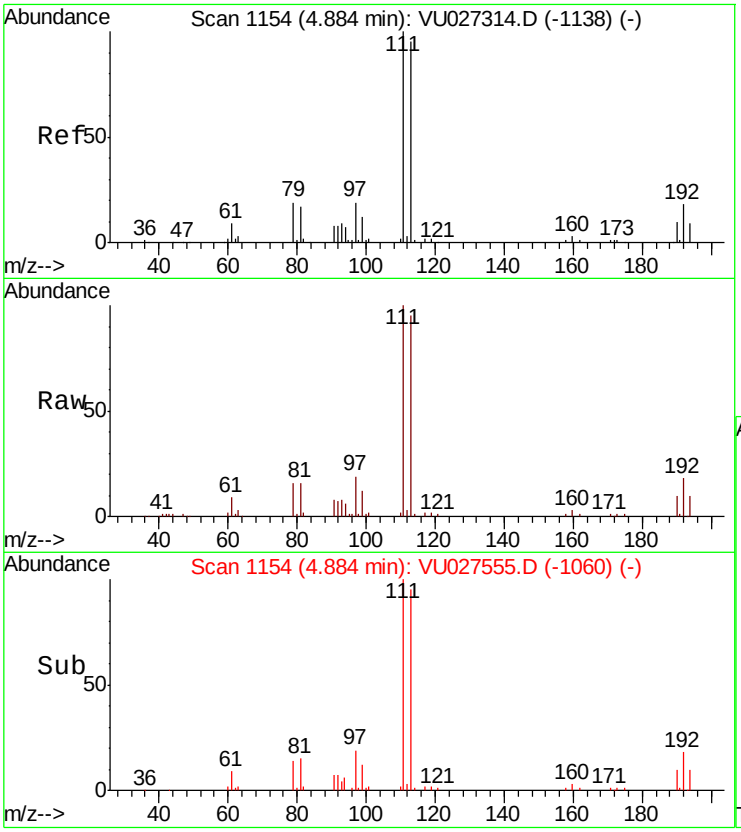




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1466
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion:114 Resp: 216755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 24.6 | 0.0 | 50.2 |
| 88 | 17.0 | 0.0 | 33.8 |



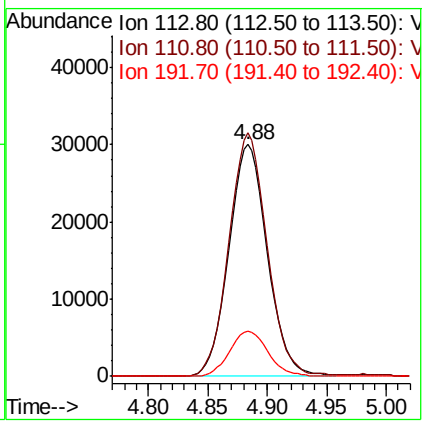


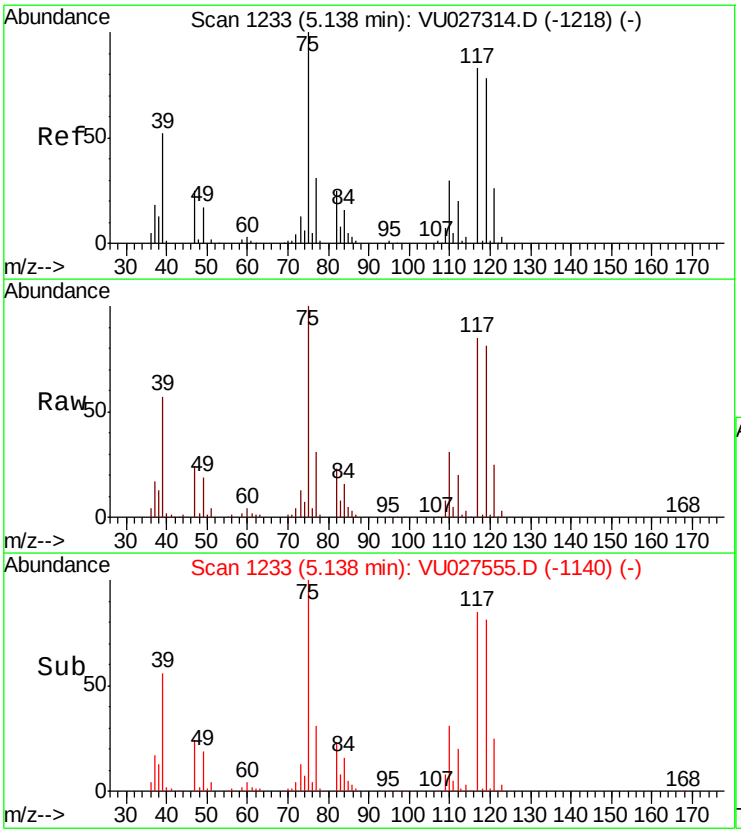

#35
Dibromofluoromethane
Concen: 45.244 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. 0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion:113 Resp: 67209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 104.0 | 83.1 | 124.7 |
| 192 | 19.5 | 15.4 | 23.0 |

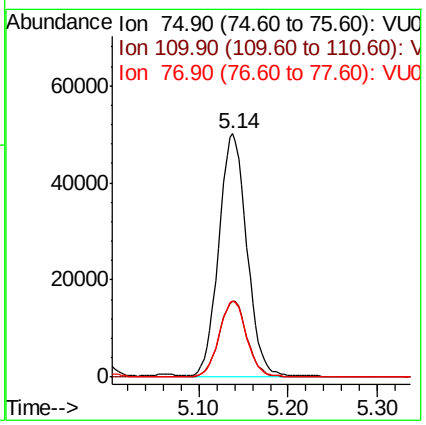


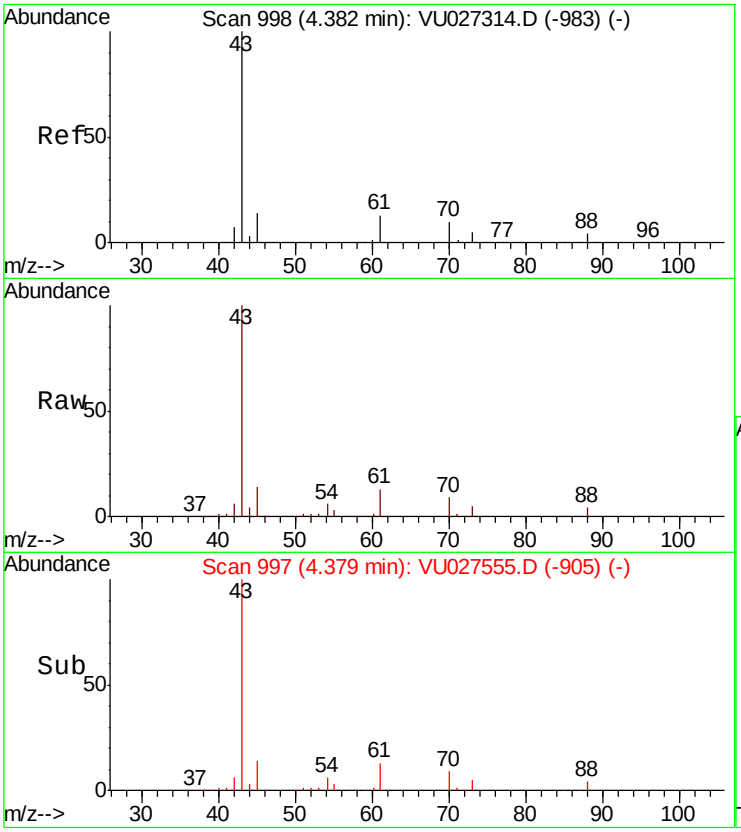




#36
1,1-Dichloropropene
Concen: 46.366 ug/l
RT: 5.14 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion: 75 Resp: 109122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 31.2 | 15.5 | 46.5 |
| 77 | 30.9 | 25.4 | 38.0 |



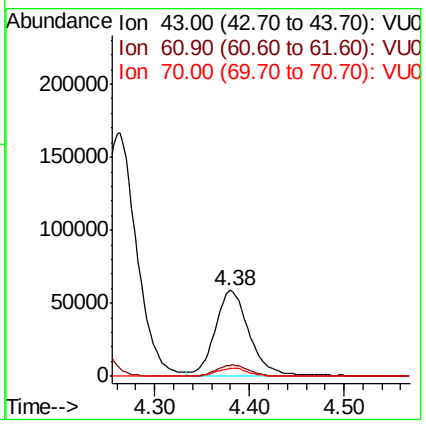


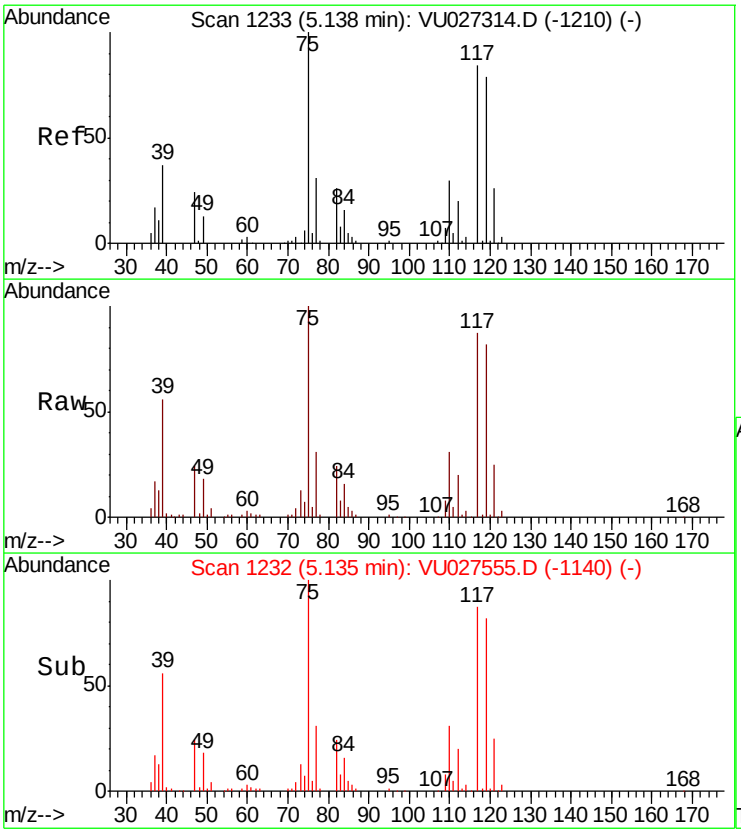

#37
Ethyl Acetate
Concen: 47.351 ug/l
RT: 4.38 min Scan# 997
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 43 Resp: 144024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 13.3 | 10.7 | 16.1 |
| 70 | 9.2 | 7.4 | 11.2 |

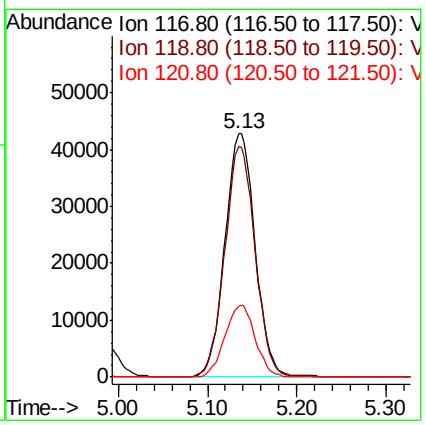


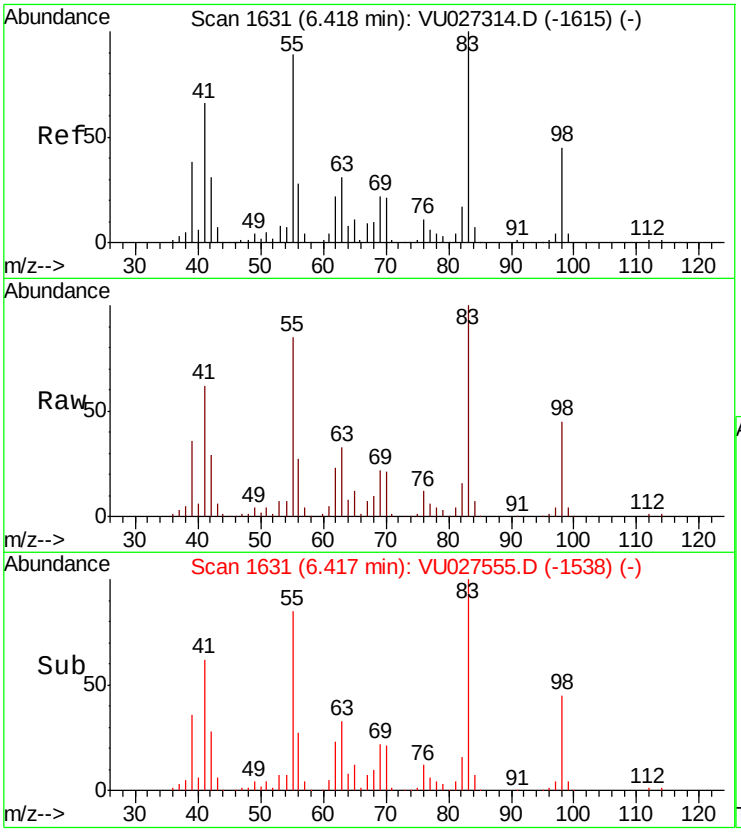




#38
Carbon Tetrachloride
Concen: 47.351 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion:117 Resp: 100664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.9 | 74.5 | 111.7 |
| 121 | 29.1 | 24.6 | 37.0 |



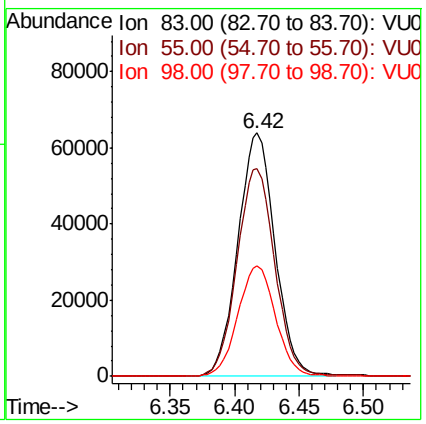


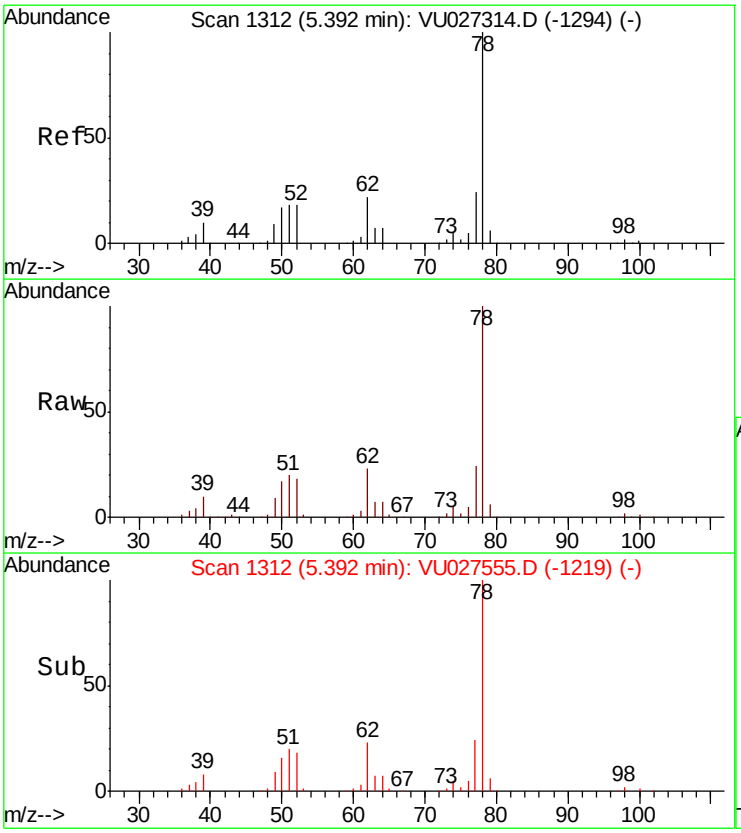

#39
Methylcyclohexane
Concen: 46.649 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 83 Resp: 128337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 85.2 | 71.1 | 106.7 |
| 98 | 45.4 | 36.3 | 54.5 |

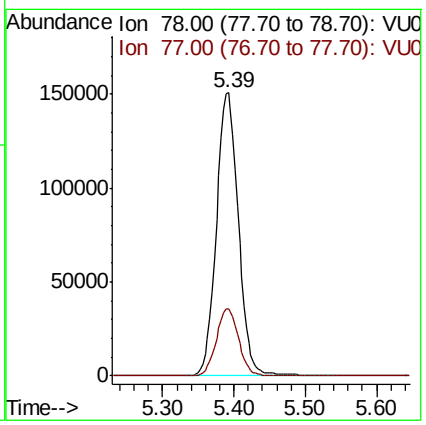


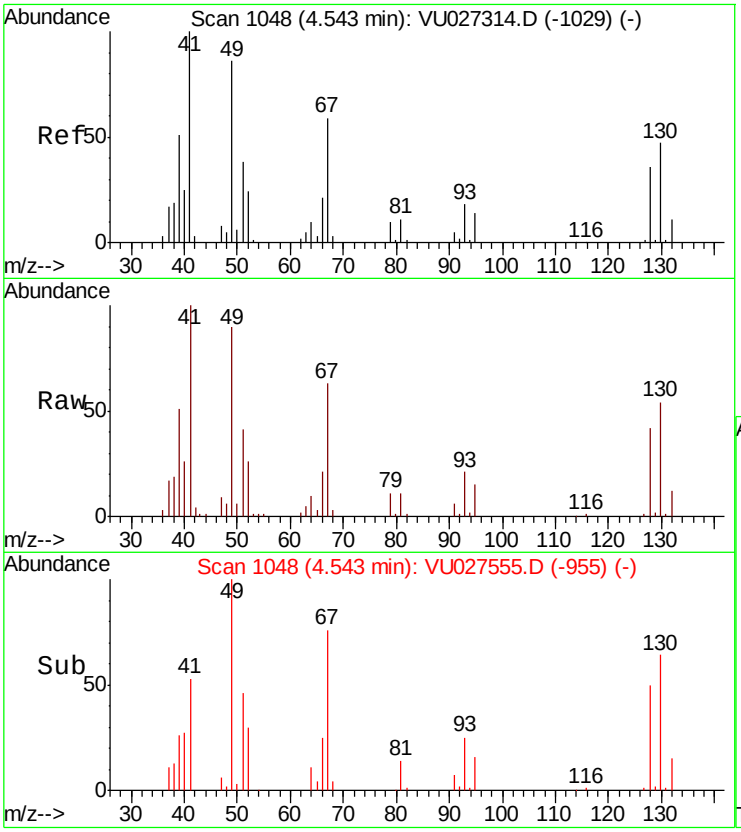




#40
Benzene
Concen: 47.036 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion: 78 Resp: 322448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.6 | 19.3 | 28.9 |



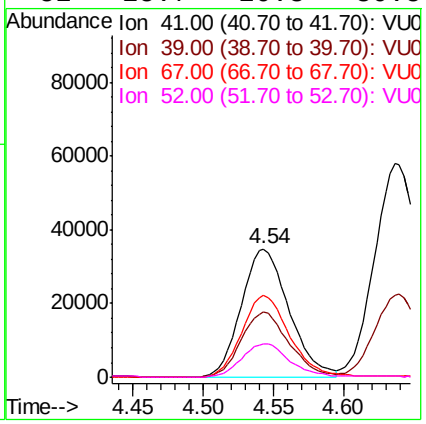


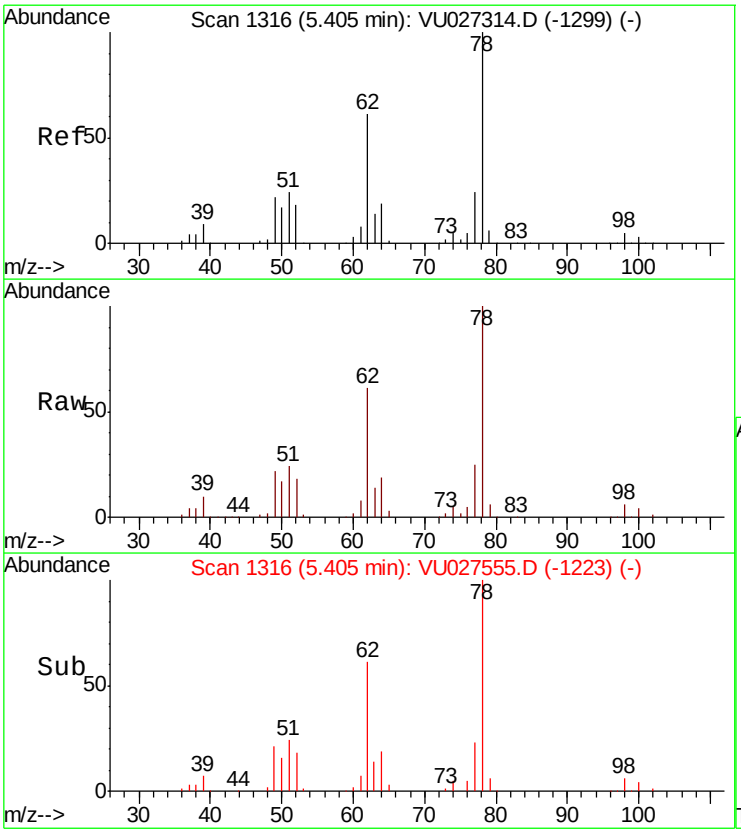

#41
Methacrylonitrile
Concen: 47.976 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 41 Resp: 82479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 51.0 | 41.1 | 61.7 |
| 67 | 64.3 | 50.4 | 75.6 |
| 52 | 25.7 | 20.3 | 30.5 |

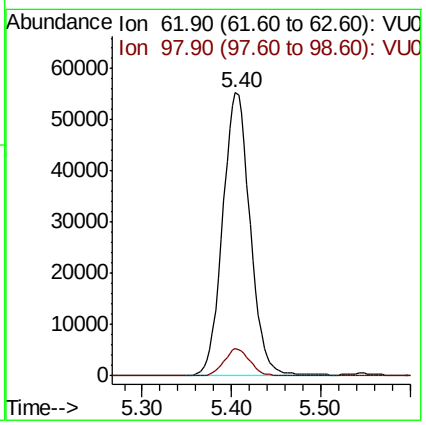


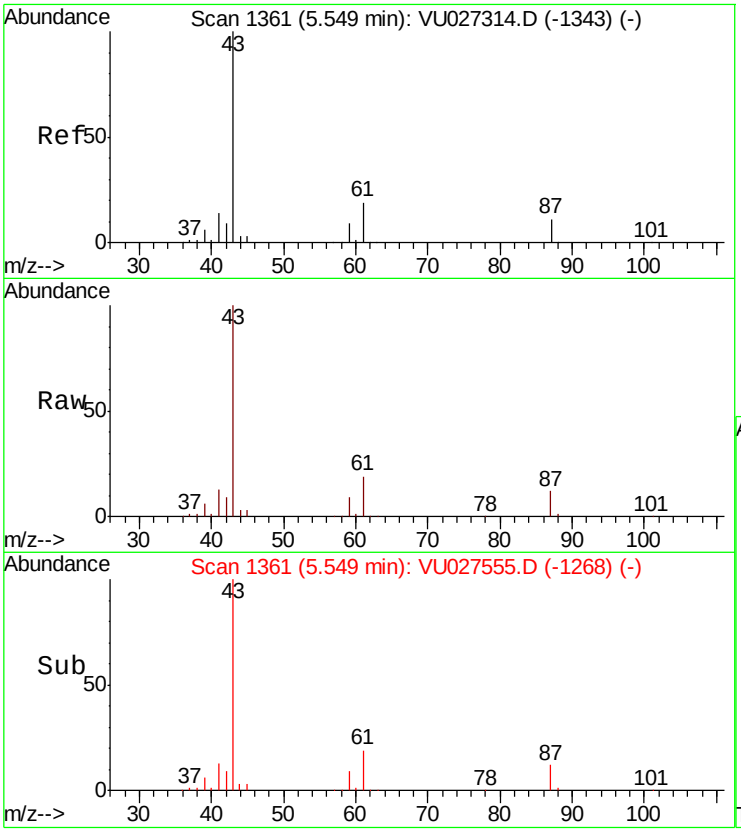




#42
1,2-Dichloroethane
Concen: 46.441 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion: 62 Resp: 118176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.9 | 0.0 | 16.8 |



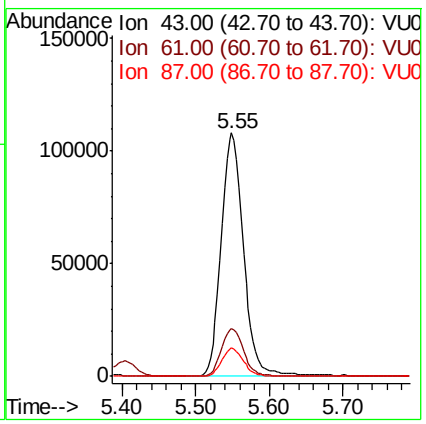


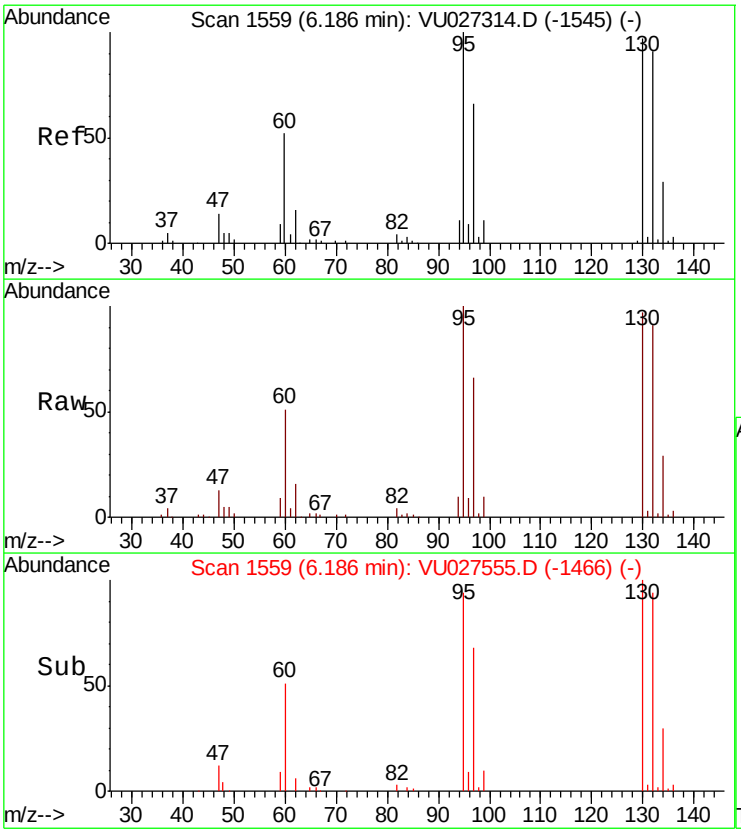

#43
Isopropyl Acetate
Concen: 48.595 ug/l
RT: 5.55 min Scan# 1361
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 43 Resp: 229562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 19.4 | 15.3 | 22.9 |
| 87 | 11.2 | 8.6 | 13.0 |

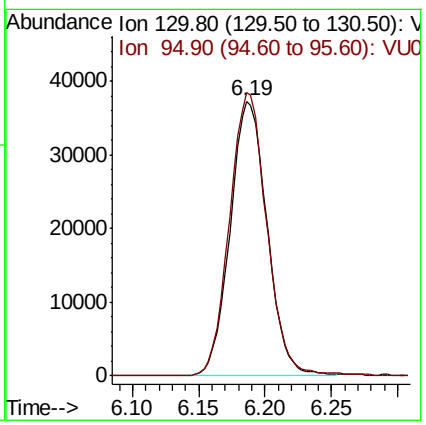


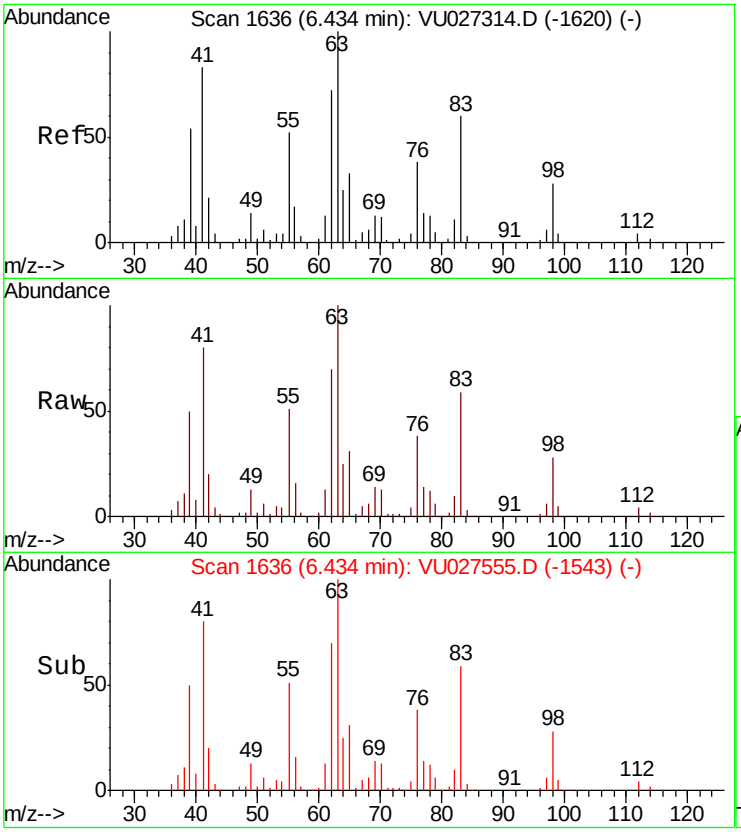




#44
Trichloroethene
Concen: 47.210 ug/l
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion:130 Resp: 72167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 103.0 | 0.0 | 207.0 |



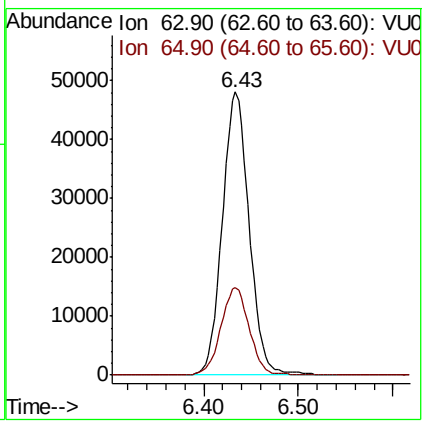


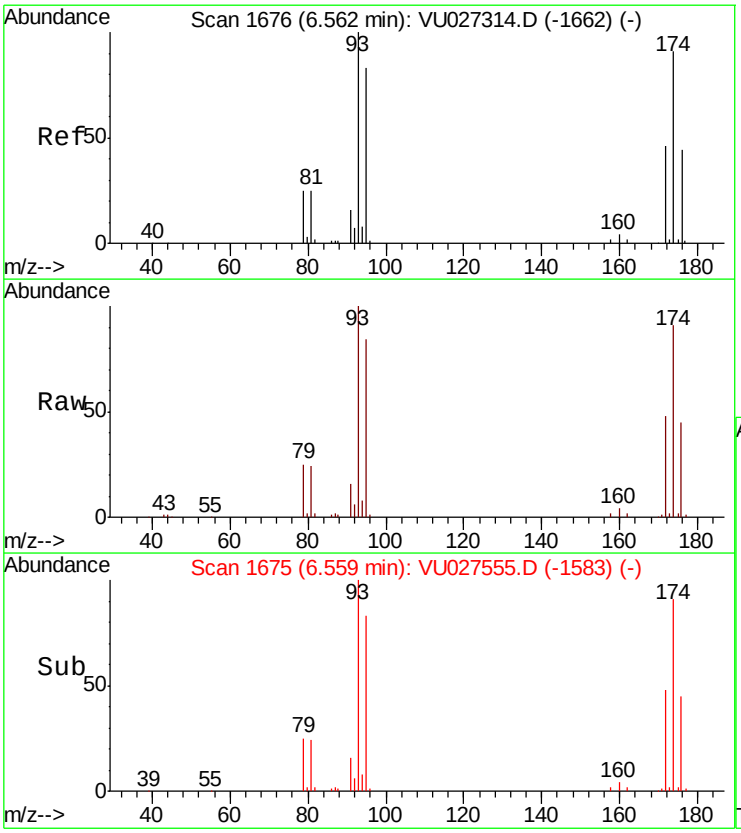

#45
1,2-Dichloropropane
Concen: 47.874 ug/l
RT: 6.43 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 63 Resp: 94663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.1 | 26.0 | 39.0 |

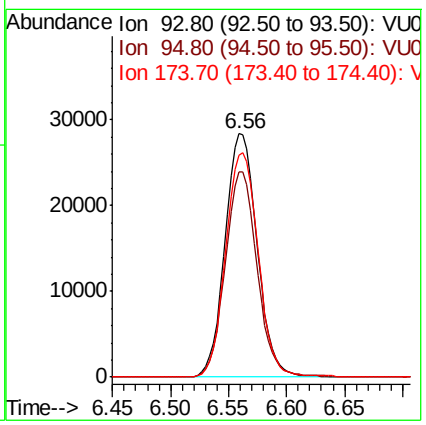


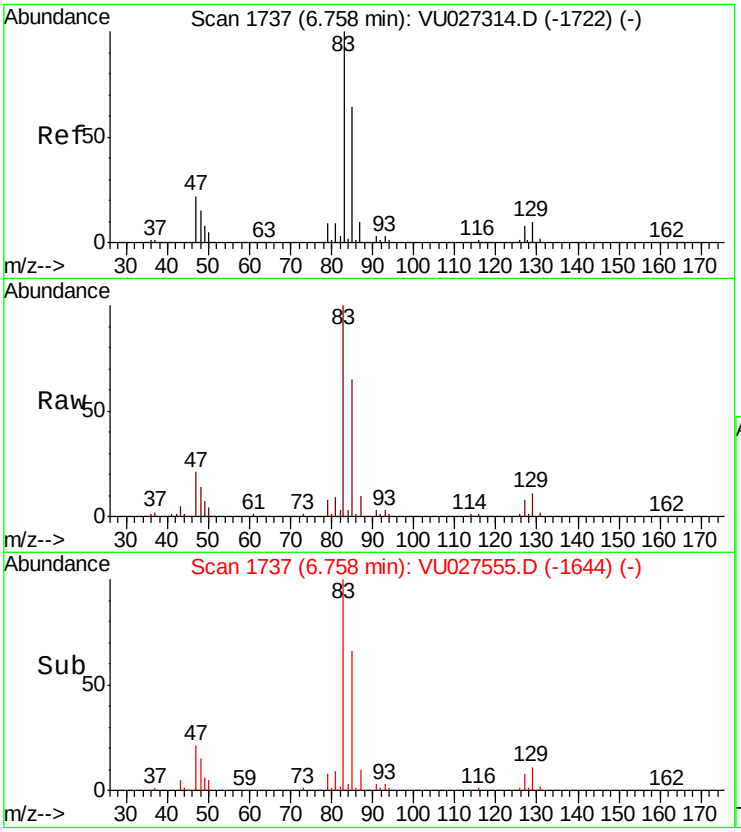




#46
Dibromomethane
Concen: 48.639 ug/l
RT: 6.56 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion: 93 Resp: 54318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.3 | 66.5 | 99.7 |
| 174 | 93.0 | 72.5 | 108.7 |



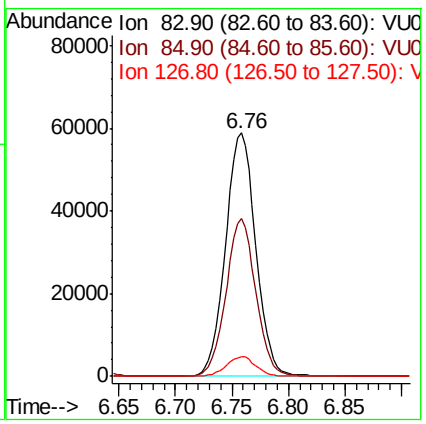


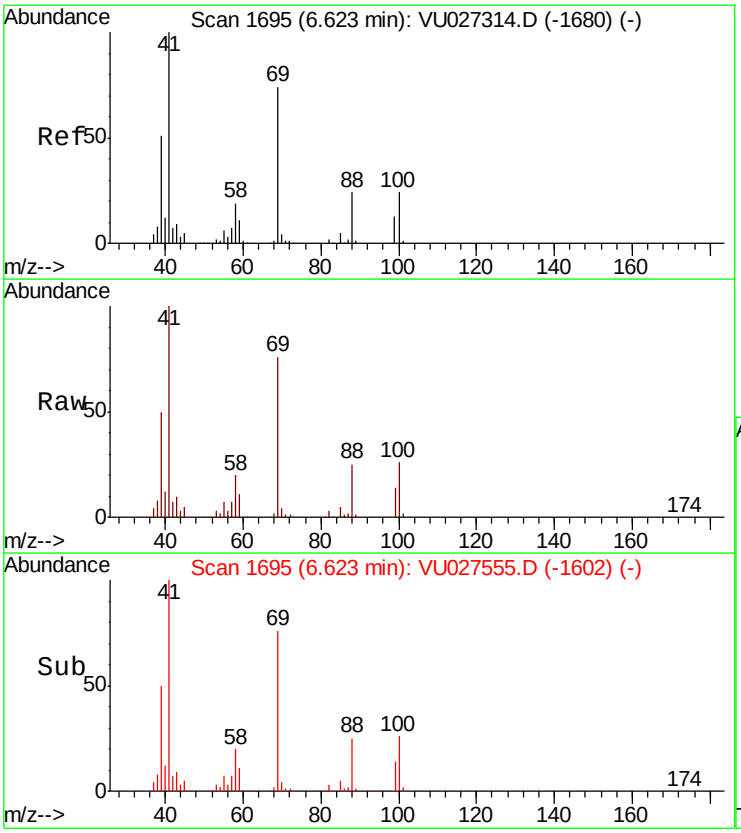

#47
Bromodichloromethane
Concen: 47.249 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 83 Resp: 109488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.6 | 51.4 | 77.0 |
| 127 | 7.9 | 6.3 | 9.5 |

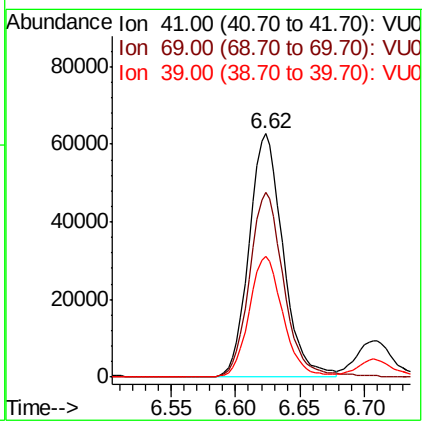


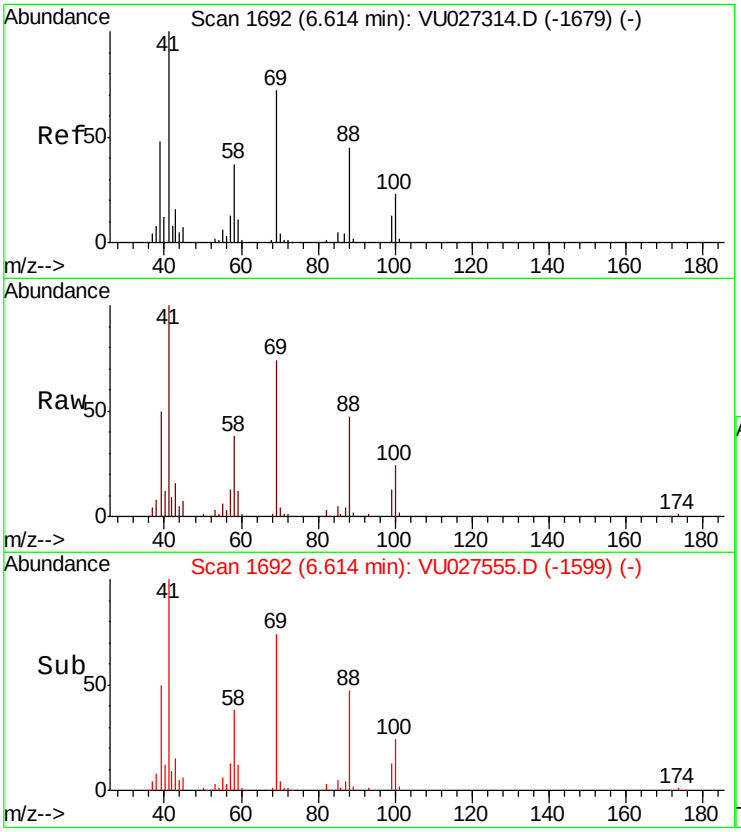




#48
Methyl methacrylate
Concen: 49.036 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion: 41 Resp: 115193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 77.3 | 61.0 | 91.4 |
| 39 | 49.5 | 39.9 | 59.9 |



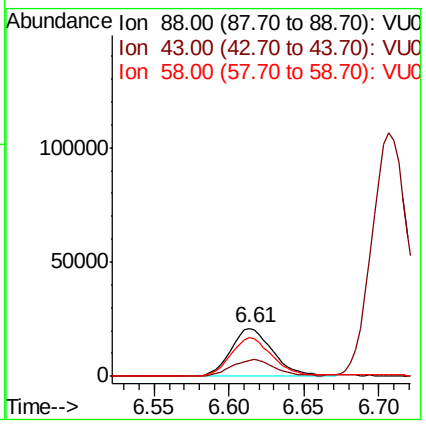


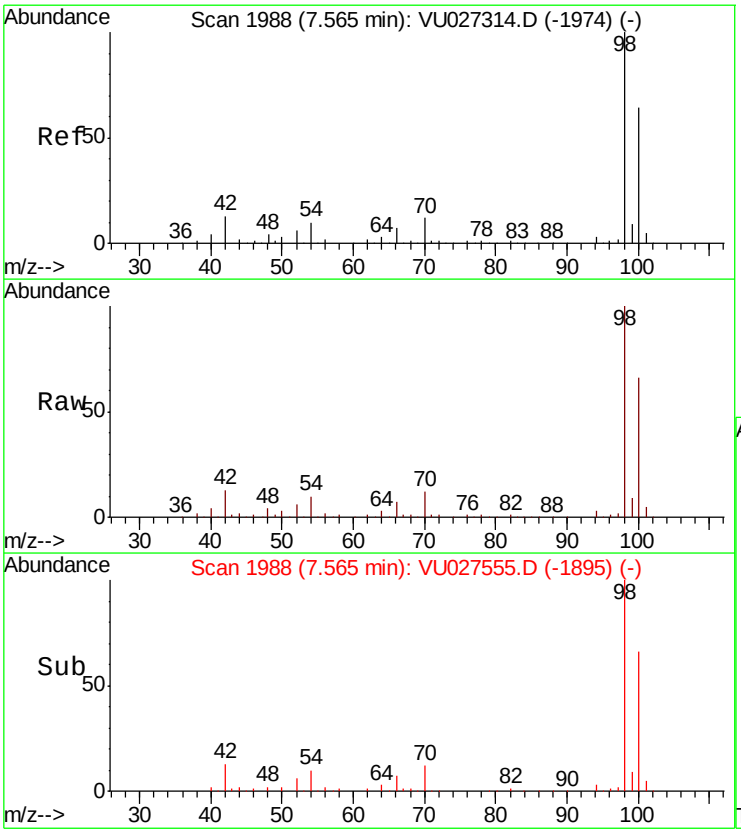

#49
1,4-Dioxane
Concen: 1006.277 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 88 Resp: 40673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 35.8 | 30.8 | 46.2 |
| 58 | 81.9 | 67.0 | 100.6 |

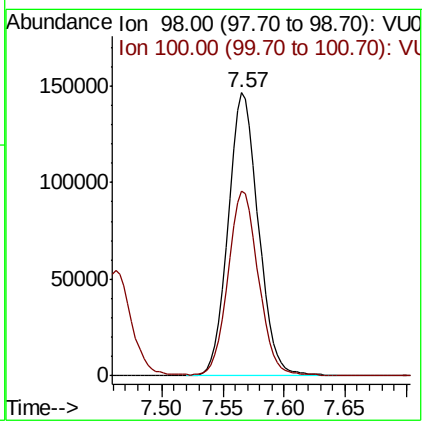


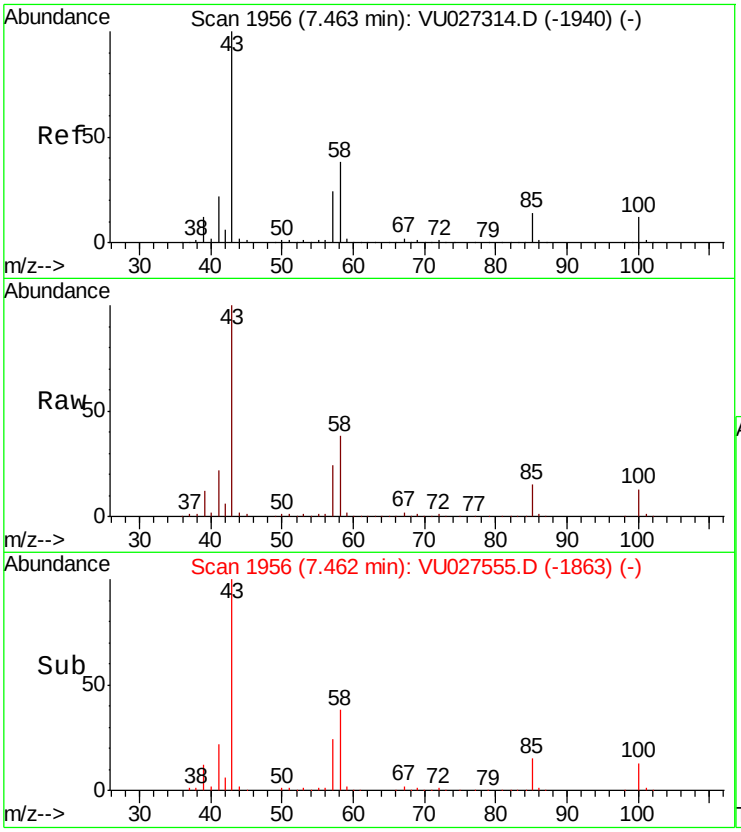




#50
Toluene-d8
Concen: 45.611 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion: 98 Resp: 253584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.4 | 52.1 | 78.1 |



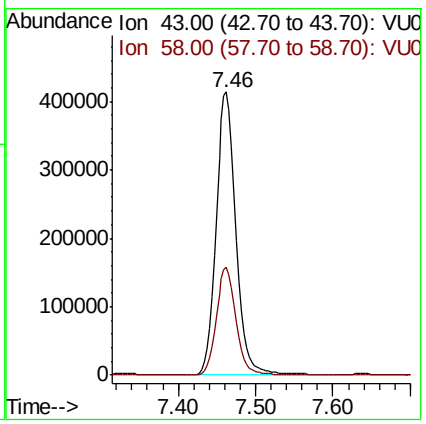


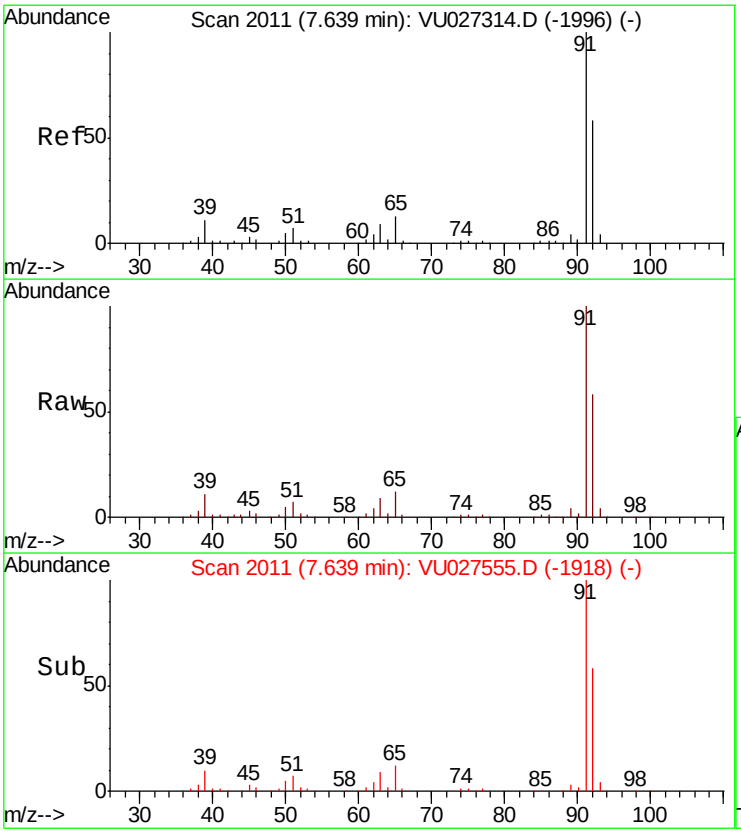

#51
4-Methyl-2-Pentanone
Concen: 242.340 ug/l
RT: 7.46 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 43 Resp: 743909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 37.8 | 29.8 | 44.8 |

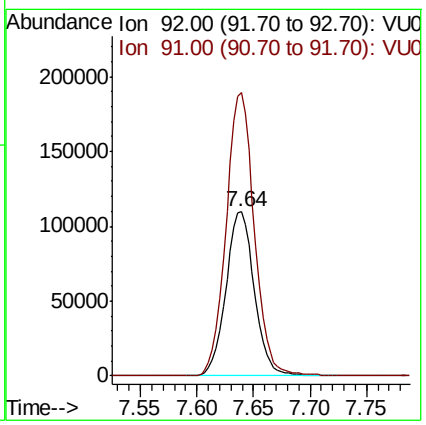


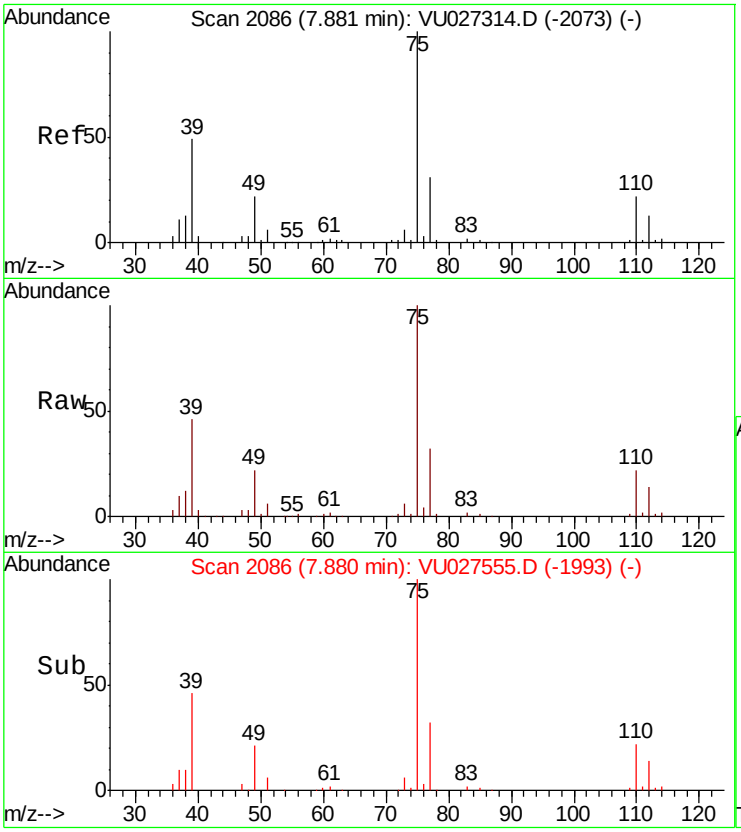




#52
Toluene
Concen: 47.261 ug/l
RT: 7.64 min Scan# 2011
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion: 92 Resp: 191770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 171.2 | 138.6 | 208.0 |



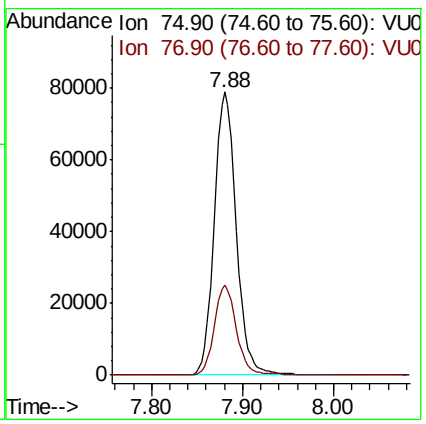


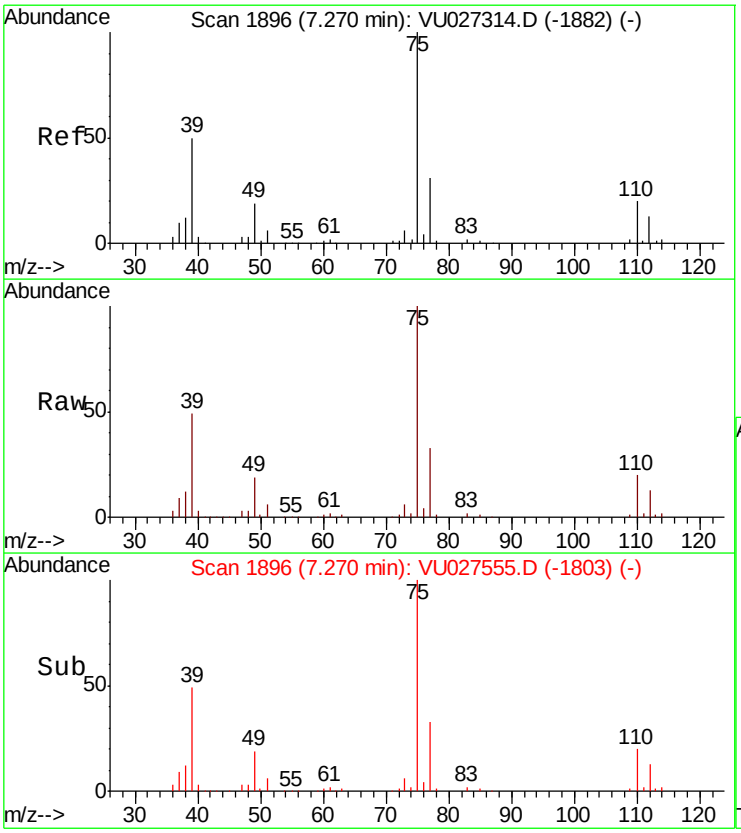

#53
t-1,3-Dichloropropene
Concen: 48.708 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050

Tgt Ion: 75 Resp: 132338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.6 | 25.0 | 37.6 |

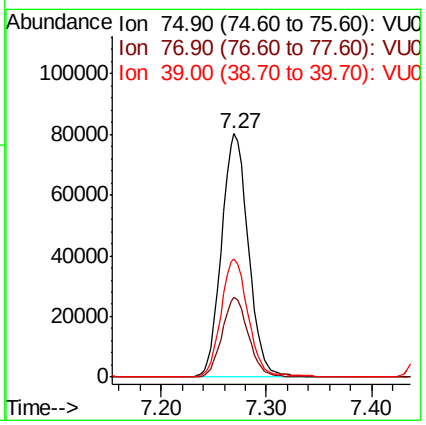


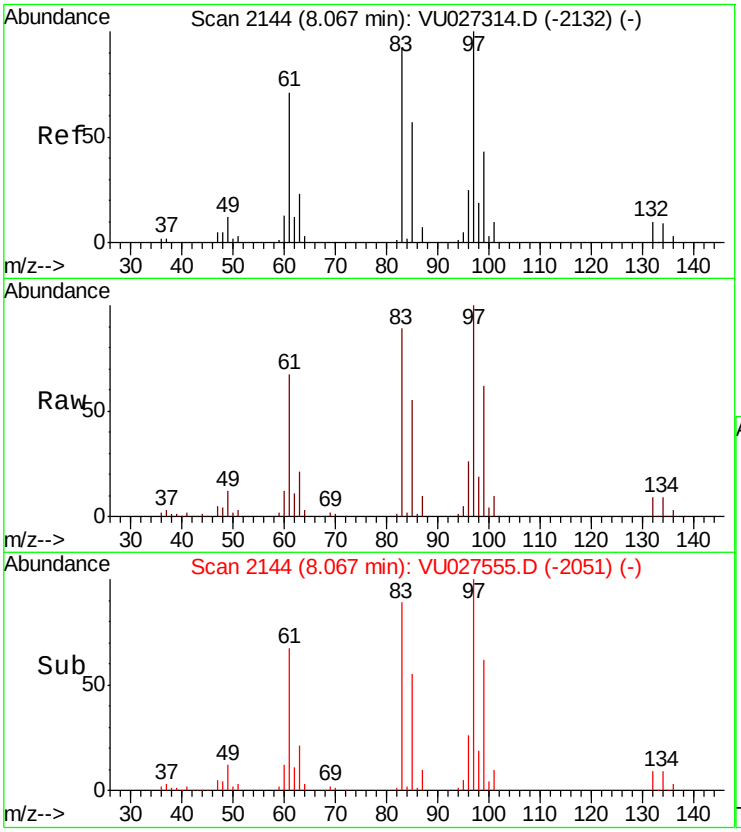




#54
cis-1,3-Dichloropropene
Concen: 48.472 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion: 75 Resp: 141576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.9 | 24.5 | 36.7 |
| 39 | 48.6 | 40.1 | 60.1 |



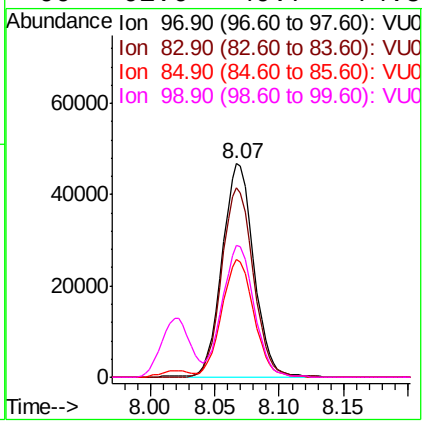


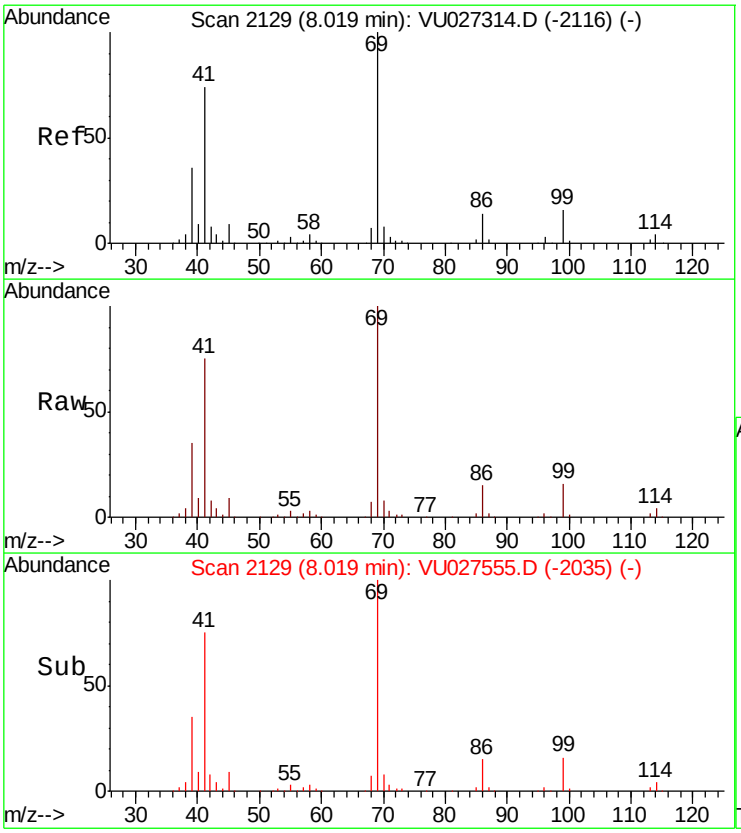

#55
1,1,2-Trichloroethane
Concen: 49.585 ug/l
RT: 8.07 min Scan# 2144
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 97 Resp: 79772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 88.7 | 73.0 | 109.6 |
| 85 | 55.2 | 47.3 | 70.9 |
| 99 | 61.6 | 49.7 | 74.5 |

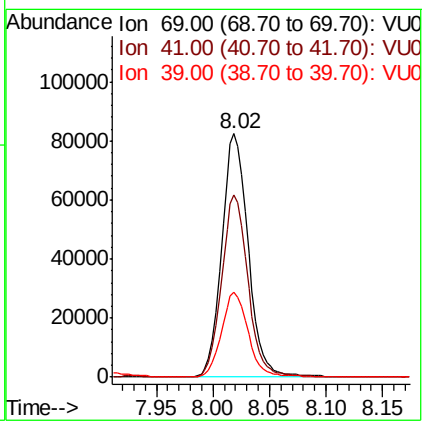


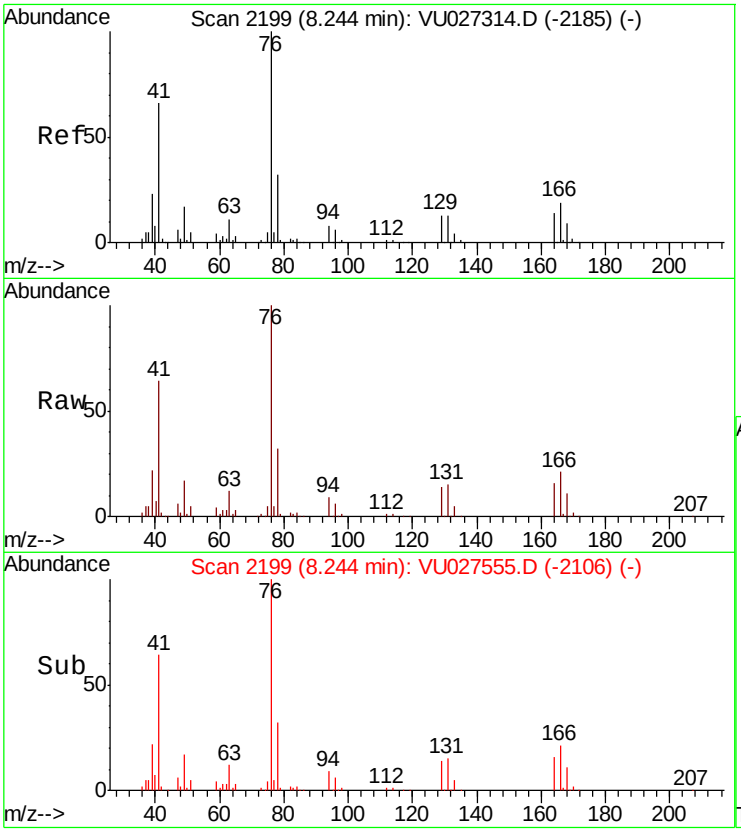




#56
Ethyl methacrylate
Concen: 43.889 ug/l
RT: 8.02 min Scan# 2129
Delta R.T. 0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion: 69 Resp: 134320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 74.6 | 60.0 | 90.0 |
| 39 | 34.7 | 29.5 | 44.3 |



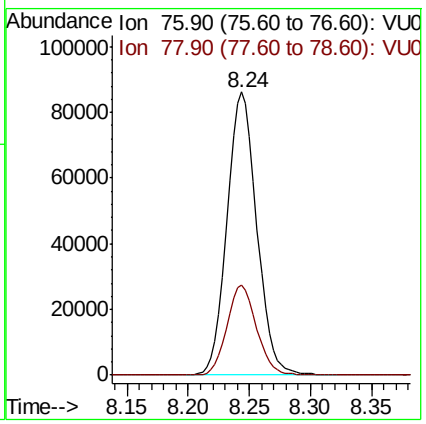


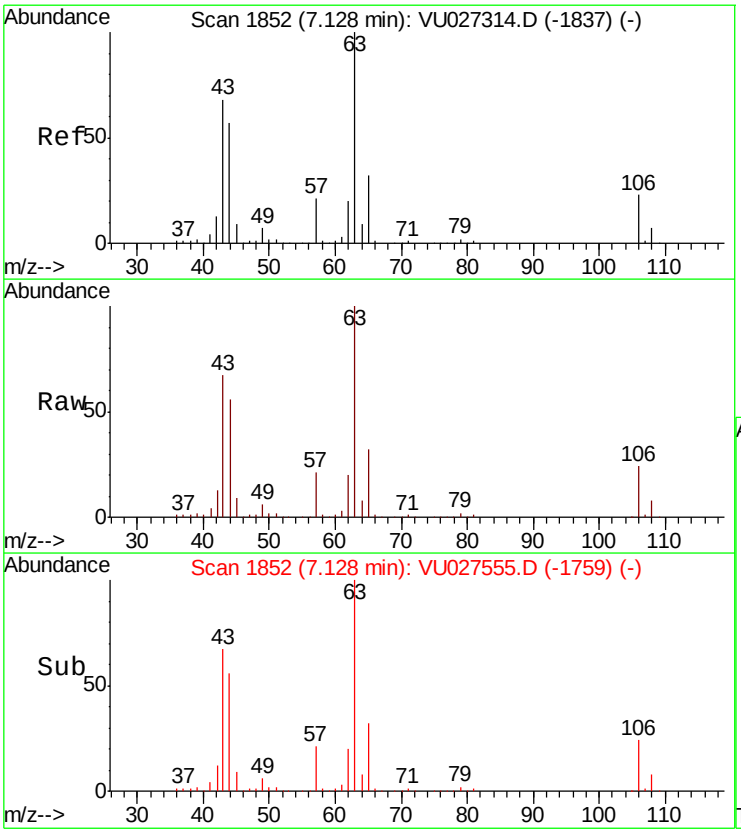

#57
1,3-Dichloropropane
Concen: 46.936 ug/l
RT: 8.24 min Scan# 2199
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 76 Resp: 146585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 31.7 | 25.8 | 38.6 |

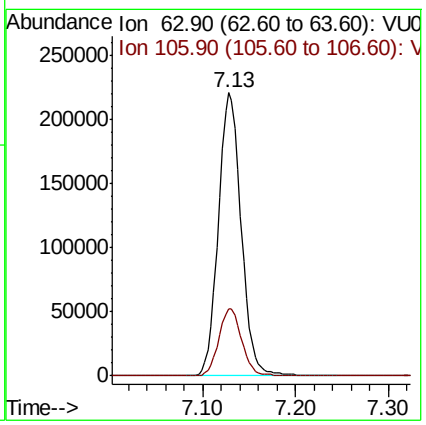


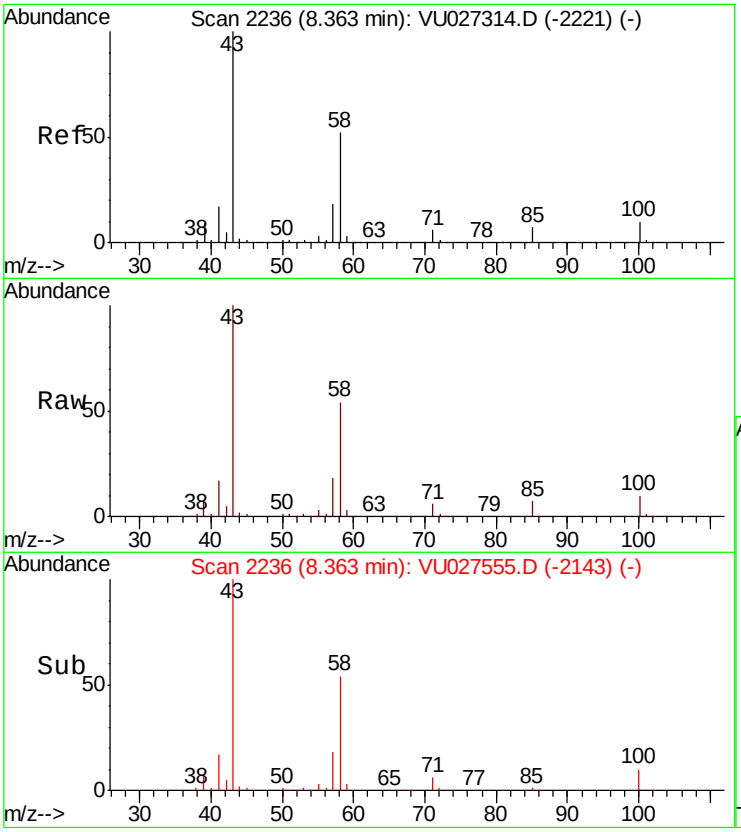




#58
2-Chloroethyl Vinyl ether
Concen: 224.002 ug/l
RT: 7.13 min Scan# 1852
Delta R.T. 0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion: 63 Resp: 377485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 23.9 | 18.5 | 27.7 |



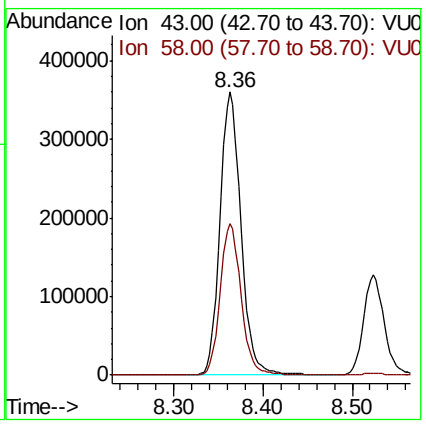


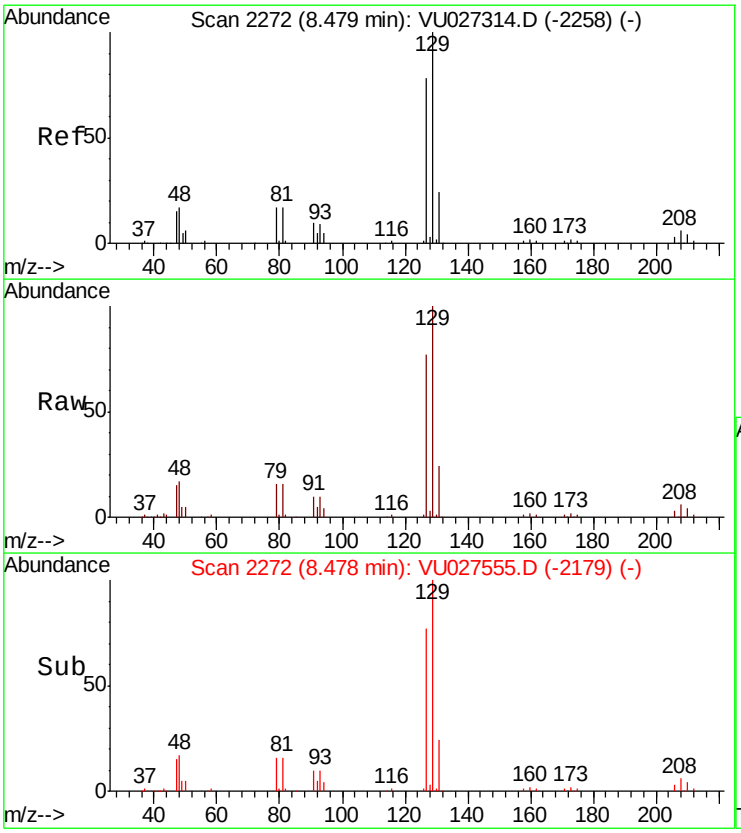

#59
2-Hexanone
Concen: 247.316 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 43 Resp: 588916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 53.2 | 26.1 | 78.3 |

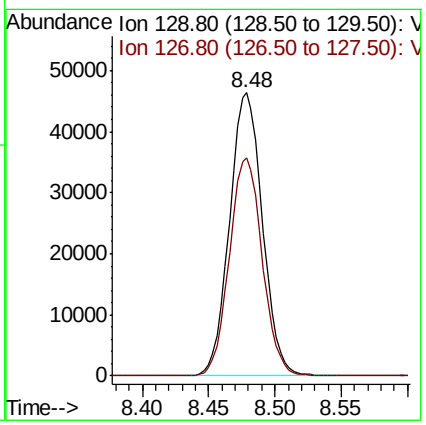


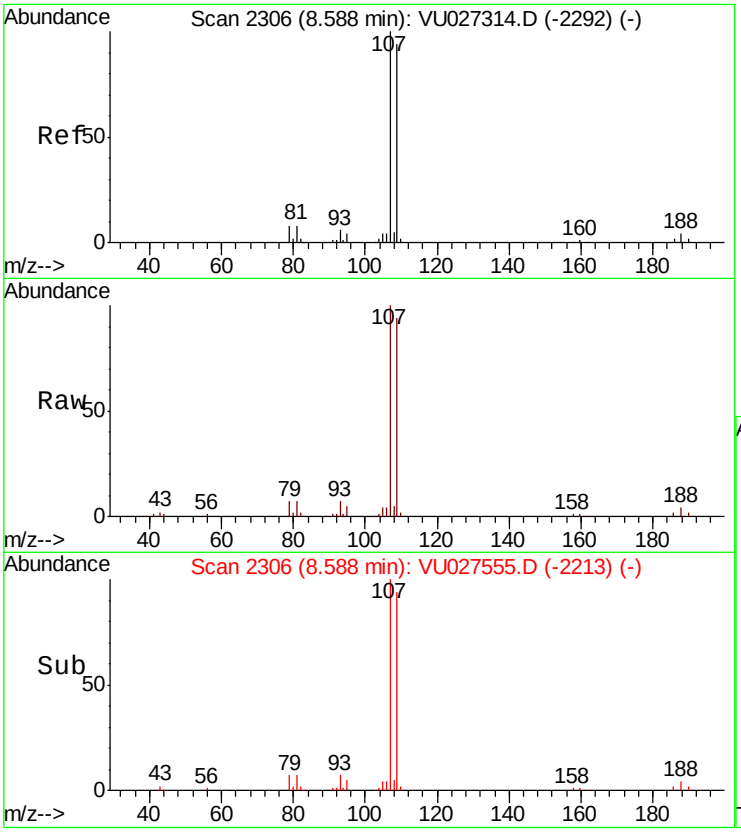




#60
Dibromochloromethane
Concen: 49.518 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion:129 Resp: 79900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 76.7 | 39.1 | 117.2 |



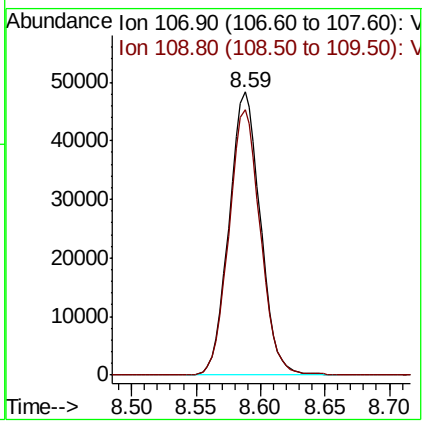


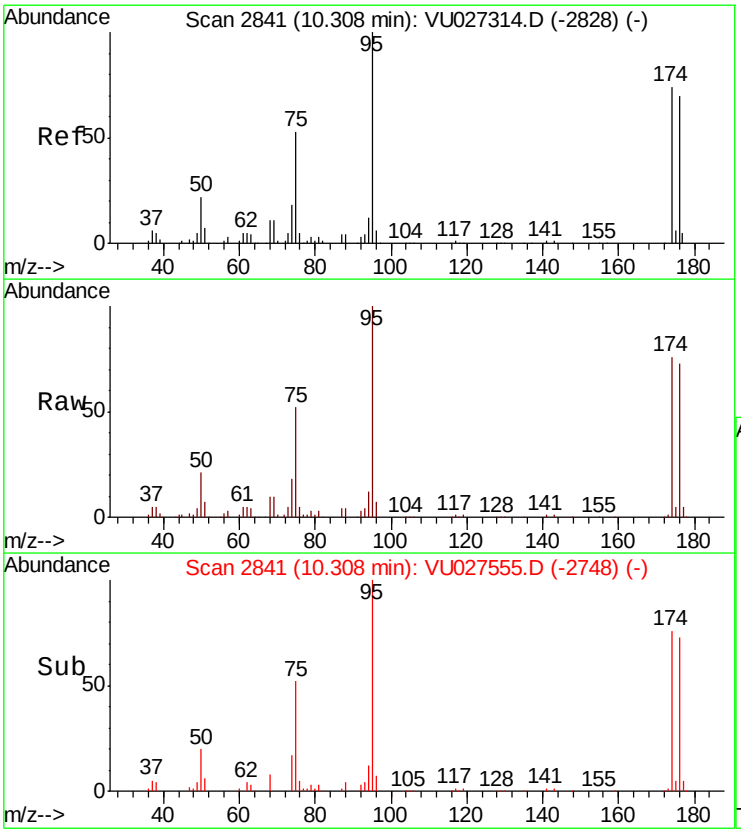

#61
1,2-Dibromoethane
Concen: 47.644 ug/l
RT: 8.59 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050

Tgt Ion:107 Resp: 81495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 94.3 | 74.5 | 111.7 |

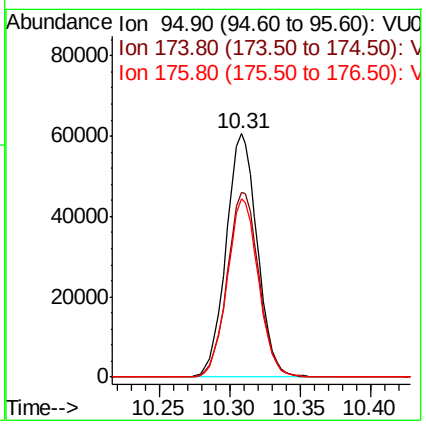


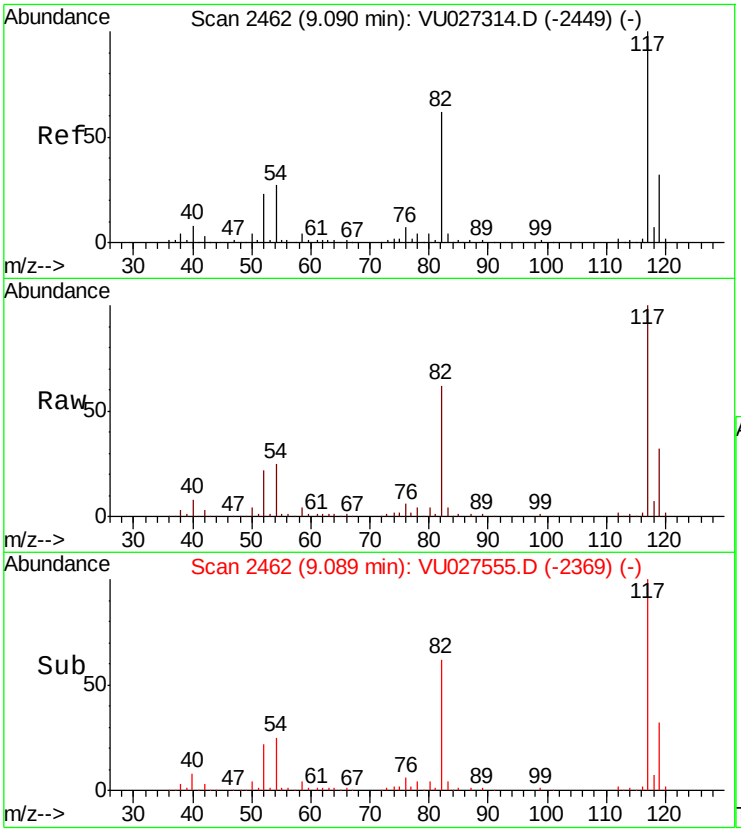




#62
4-Bromofluorobenzene
Concen: 45.345 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion: 95 Resp: 93692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 76.9 | 0.0 | 147.8 |
| 176 | 73.5 | 0.0 | 140.8 |



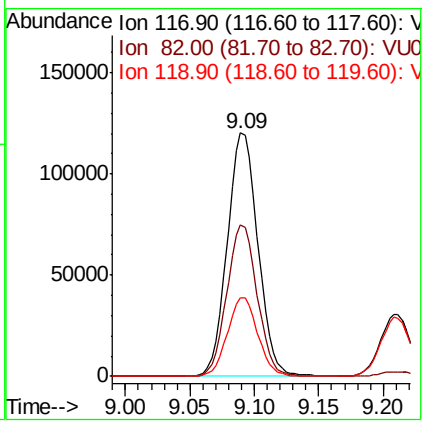


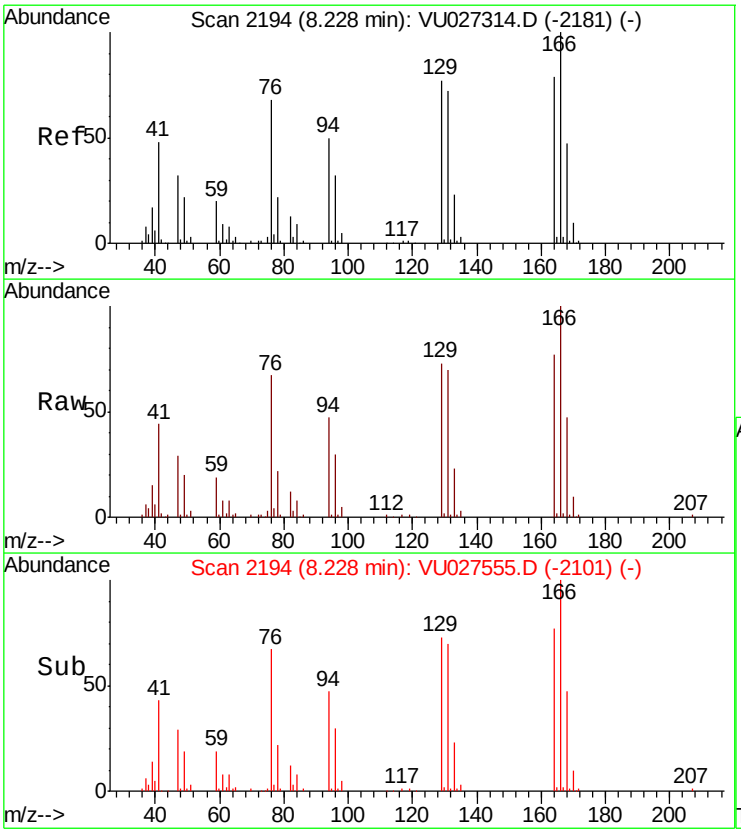

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050

Tgt Ion:117 Resp: 198713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 62.3 | 49.2 | 73.8 |
| 119 | 32.3 | 25.7 | 38.5 |

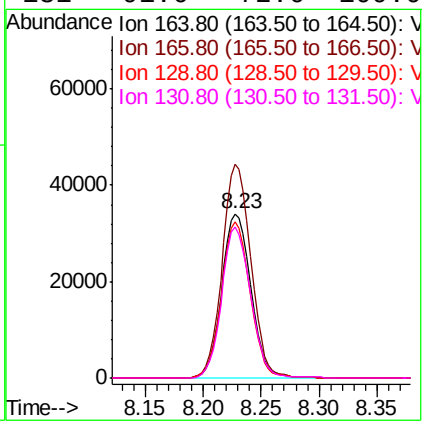


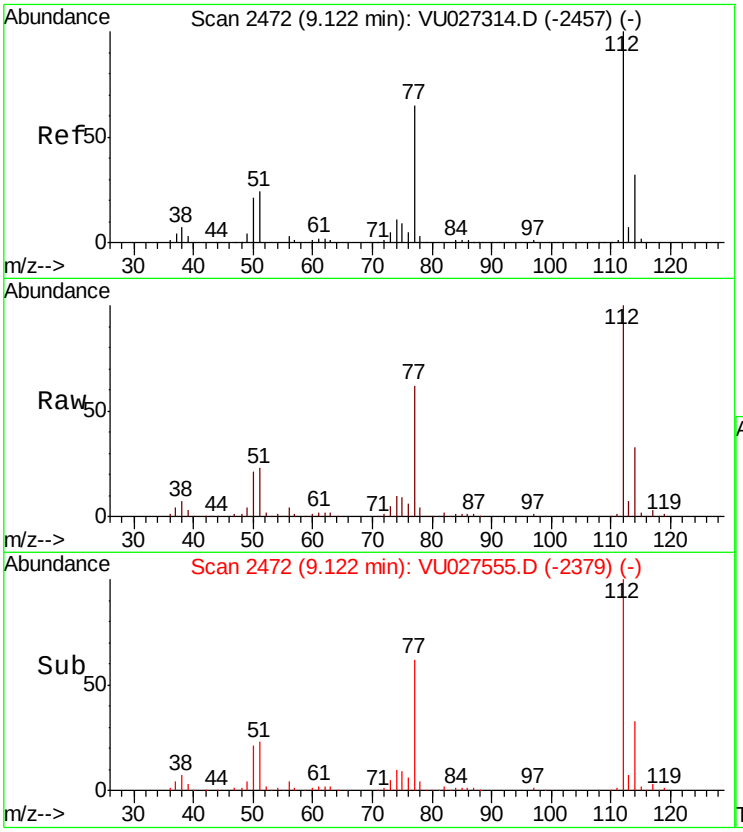




#64
Tetrachloroethene
Concen: 48.180 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion:164 Resp: 59600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 130.0 | 101.0 | 151.6 |
| 129 | 94.8 | 78.0 | 117.0 |
| 131 | 91.6 | 72.6 | 109.0 |



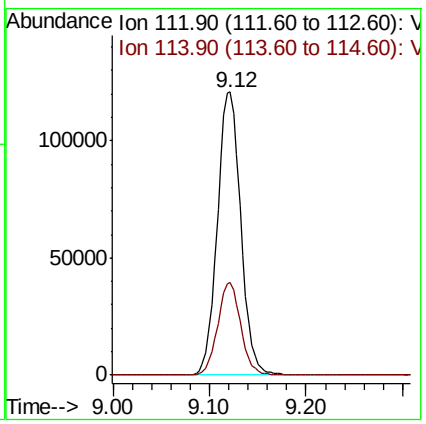


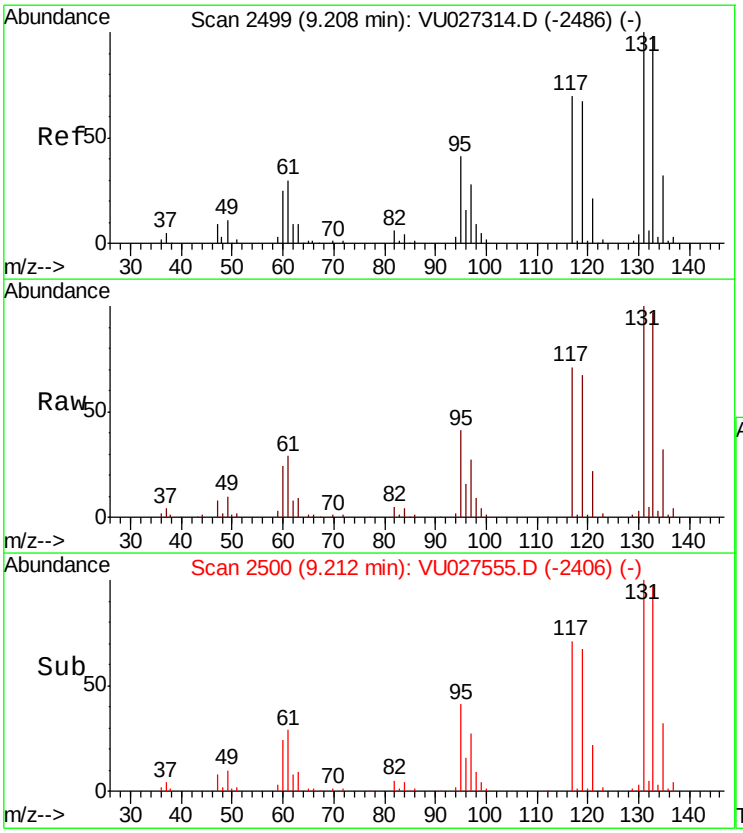

#65
Chlorobenzene
Concen: 48.475 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion:112 Resp: 202759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.6 | 25.8 | 38.6 |

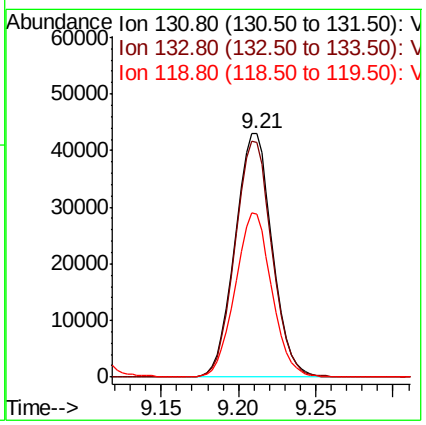


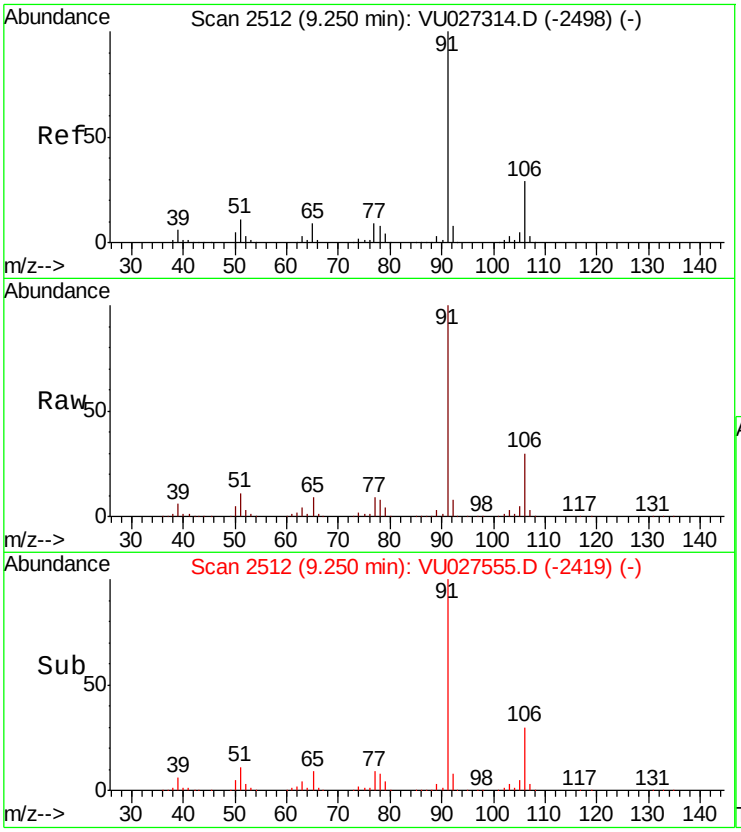




#66
1,1,1,2-Tetrachloroethane
Concen: 49.821 ug/l
RT: 9.21 min Scan# 2500
Delta R.T. 0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion:131 Resp: 71939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 96.4 | 48.5 | 145.6 |
| 119 | 66.2 | 33.5 | 100.4 |



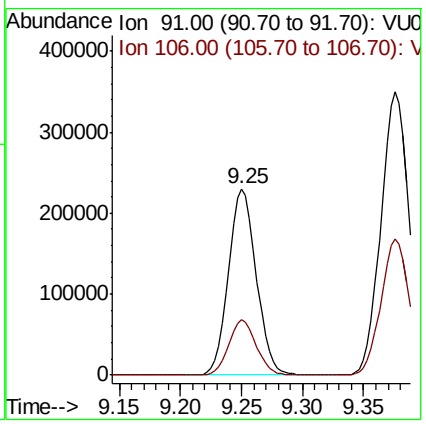


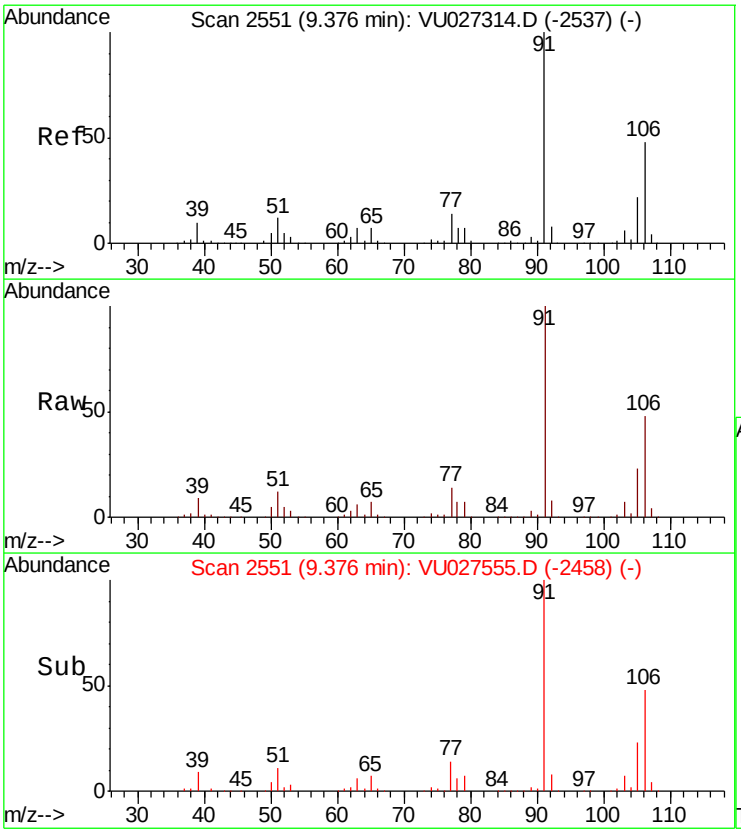

#67
Ethyl Benzene
Concen: 49.381 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 91 Resp: 365944

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

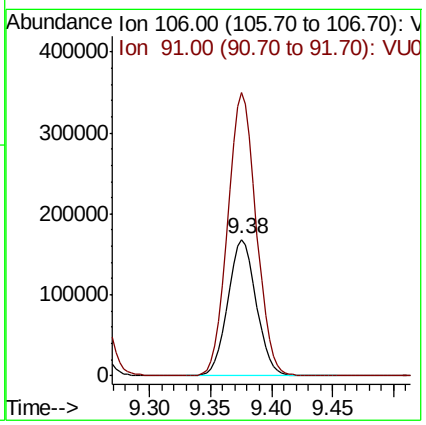


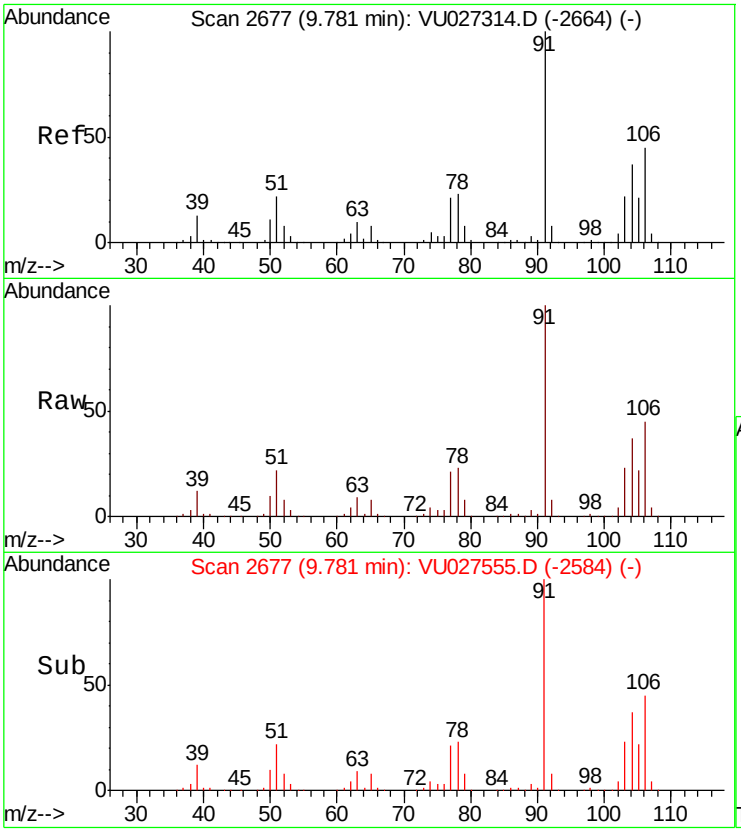




#68
m/p-Xylenes
Concen: 101.103 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion:106 Resp: 274060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 207.7 | 168.1 | 252.1 |



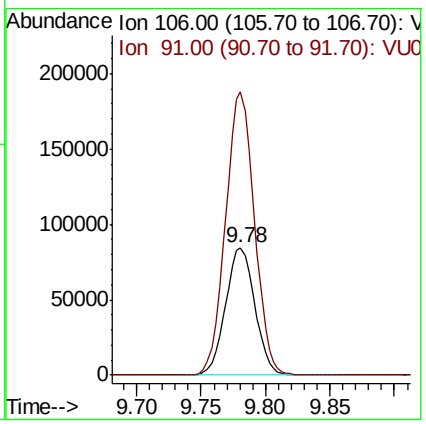


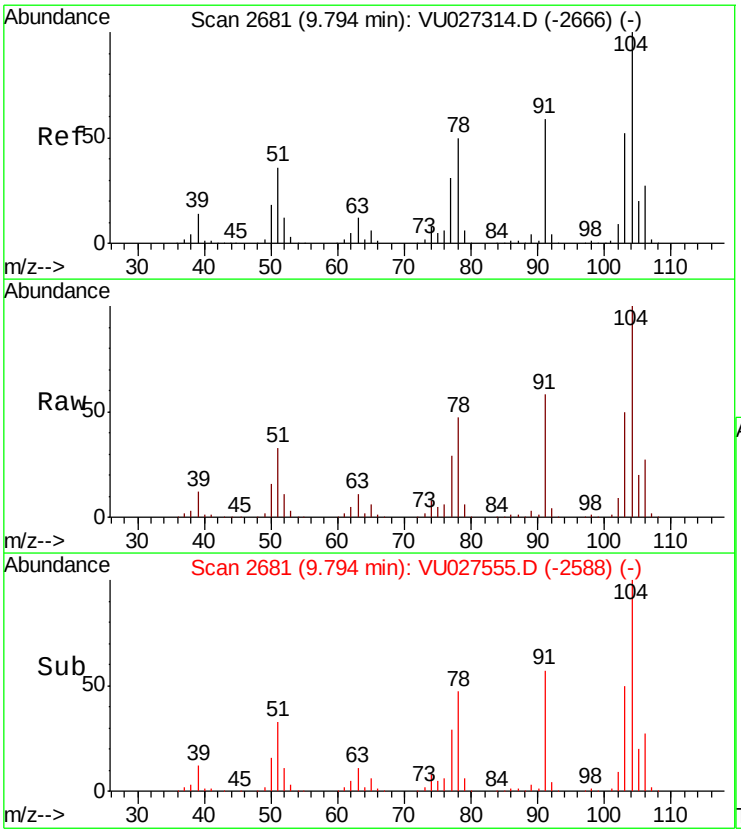

#69
o-Xylene
Concen: 51.746 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion:106 Resp: 133296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 219.2 | 111.7 | 334.9 |

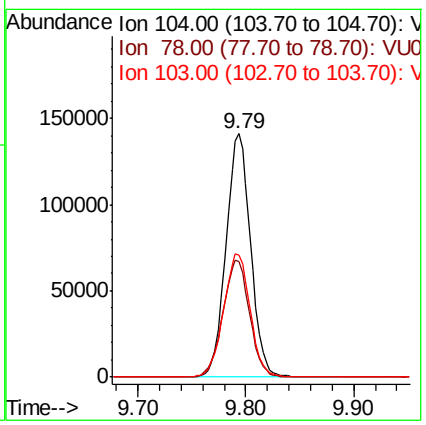


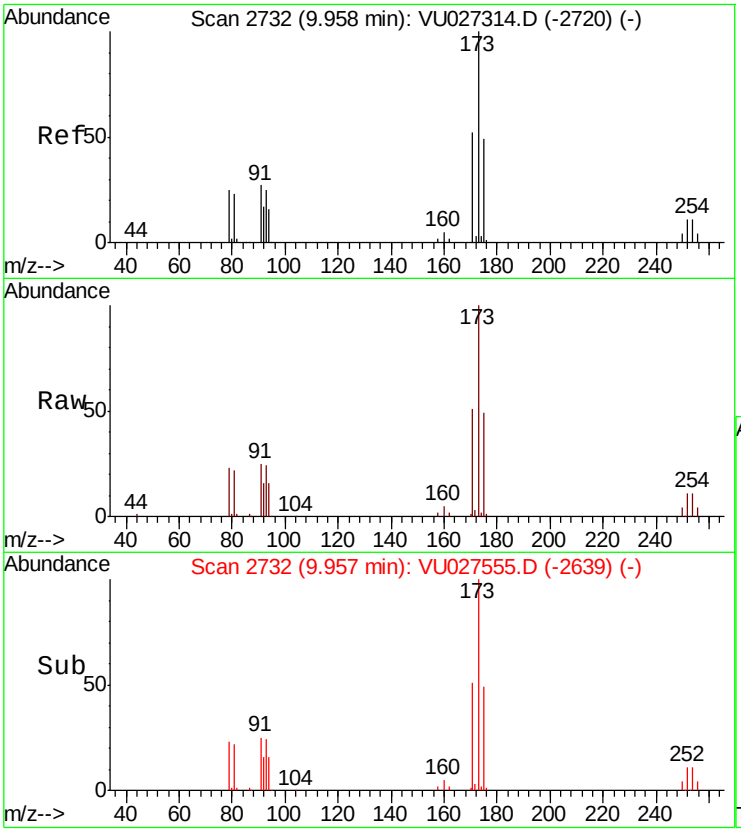




#70
Styrene
Concen: 46.741 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion:104 Resp: 224309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 52.0 | 42.9 | 64.3 |
| 103 | 54.6 | 43.9 | 65.9 |



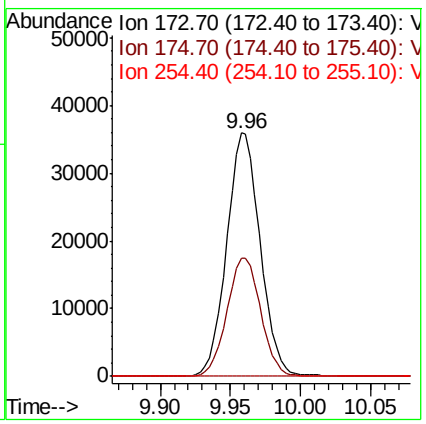


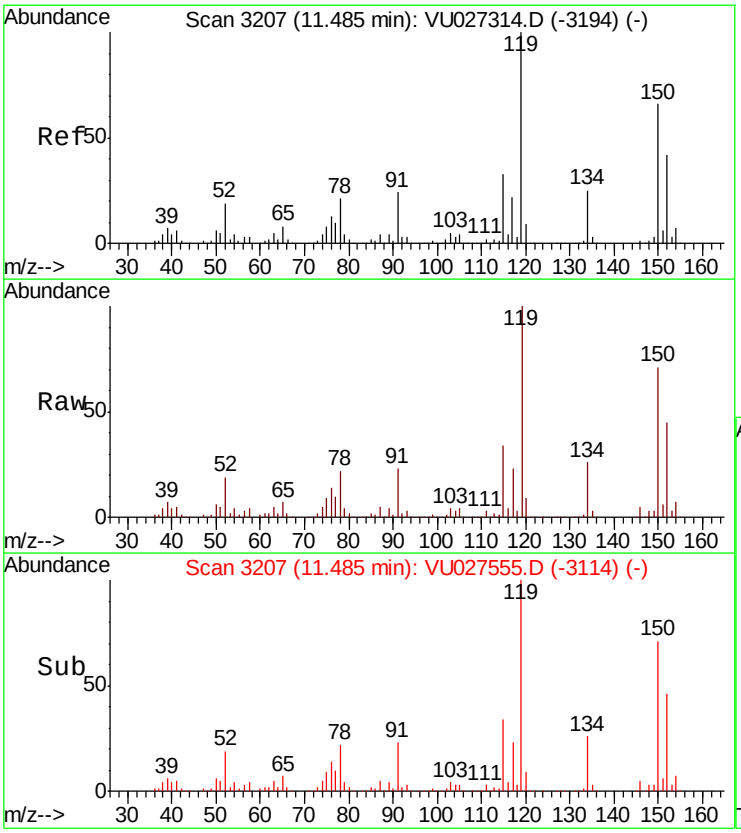

#71
Bromoform
Concen: 51.374 ug/l
RT: 9.96 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion:173 Resp: 59684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.0 | 24.3 | 73.0 |
| 254 | 0.0 | 0.0 | 0.0 |

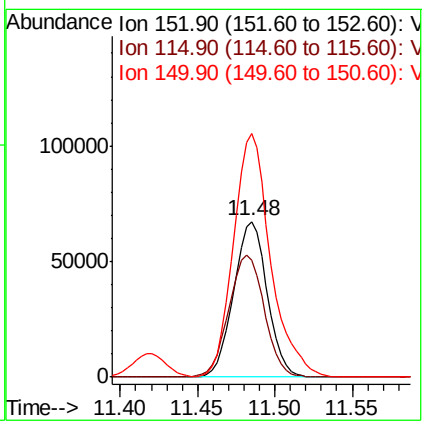


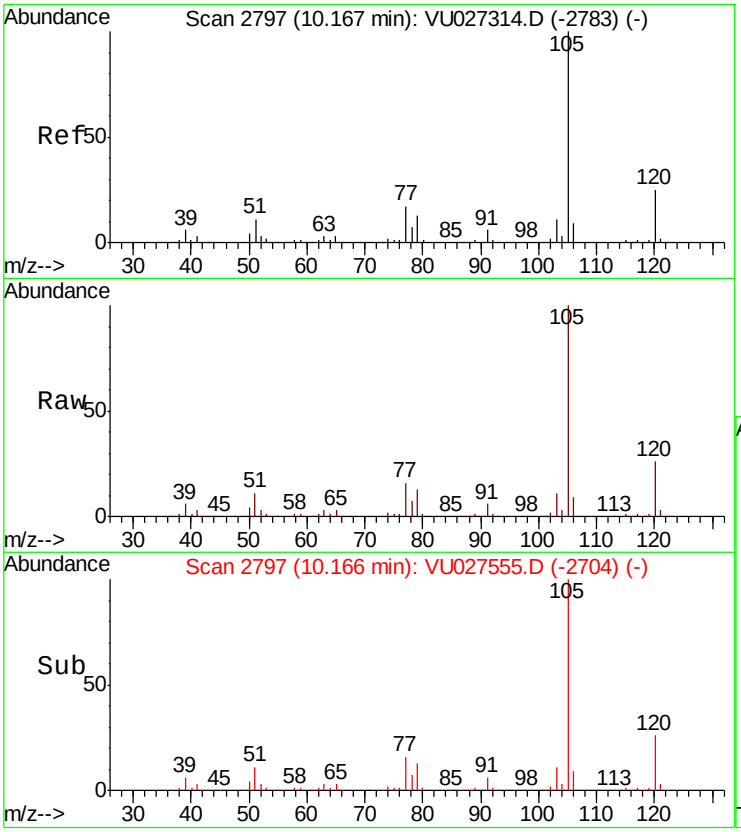




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion:152 Resp: 101481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 82.7 | 43.4 | 130.2 |
| 150 | 172.9 | 0.0 | 349.2 |



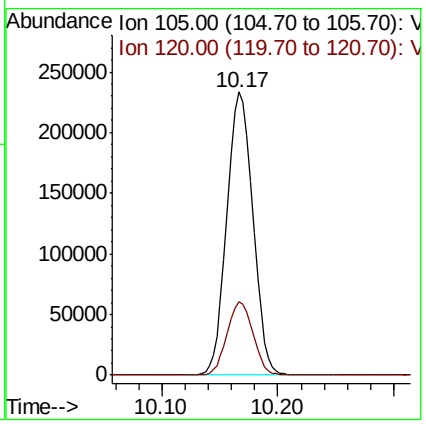


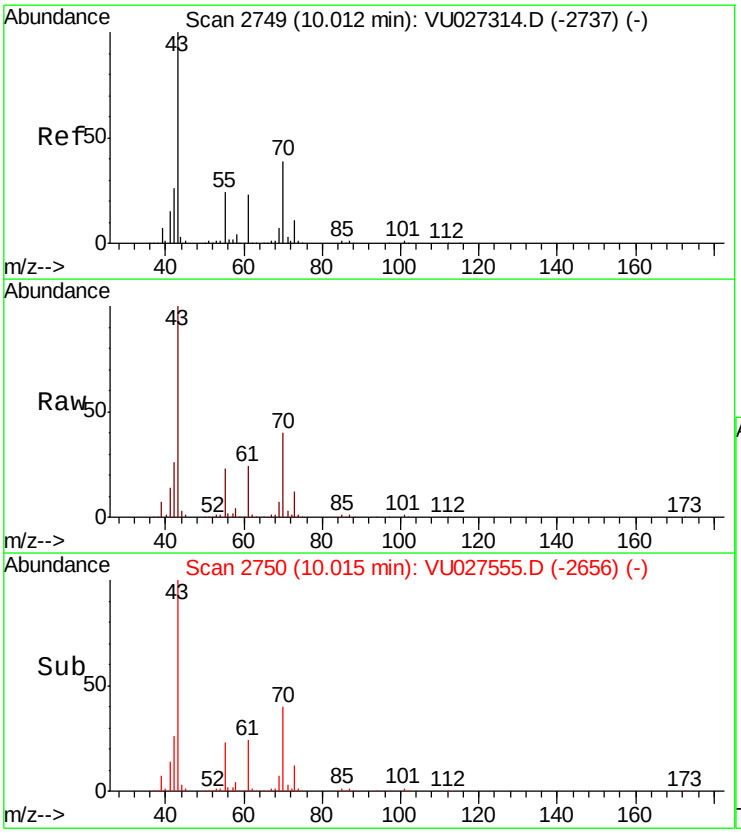

#73
Isopropylbenzene
Concen: 49.015 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050

Tgt Ion:105 Resp: 361258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.8 | 12.6 | 37.8 |

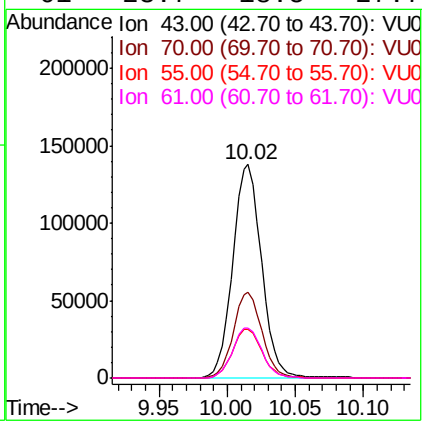


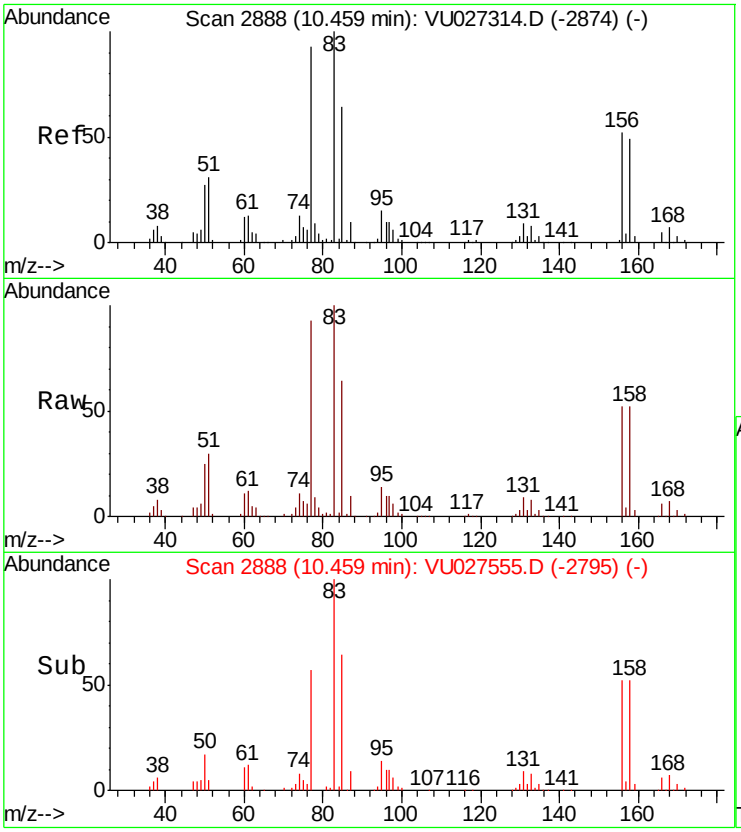




#74
N-amyl acetate
Concen: 47.993 ug/l
RT: 10.02 min Scan# 2750
Delta R.T. 0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion: 43 Resp: 202504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 39.8 | 31.3 | 46.9 |
| 55 | 23.6 | 19.0 | 28.6 |
| 61 | 23.7 | 18.5 | 27.7 |



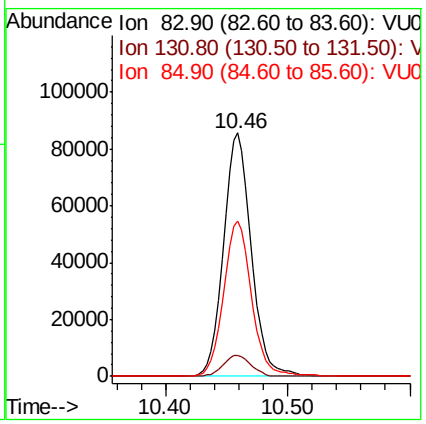


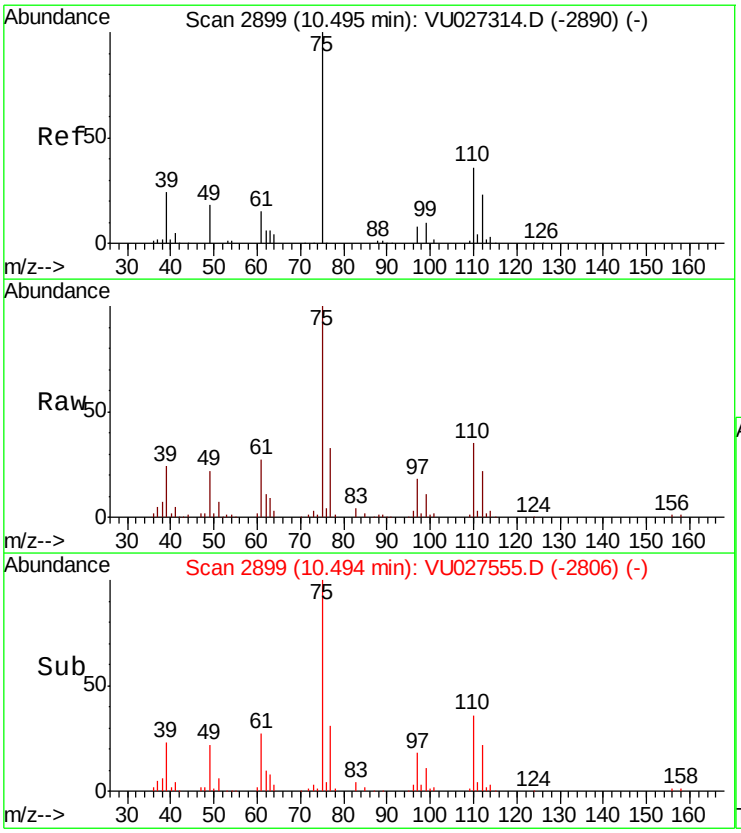

#75
1,1,2,2-Tetrachloroethane
Concen: 47.267 ug/l
RT: 10.46 min Scan# 2888
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 83 Resp: 136793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 8.8 | 4.4 | 13.2 |
| 85 | 64.1 | 32.0 | 96.0 |

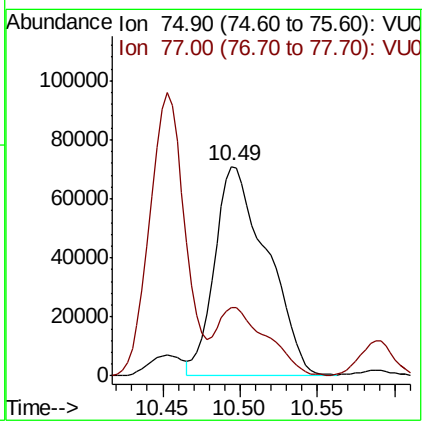


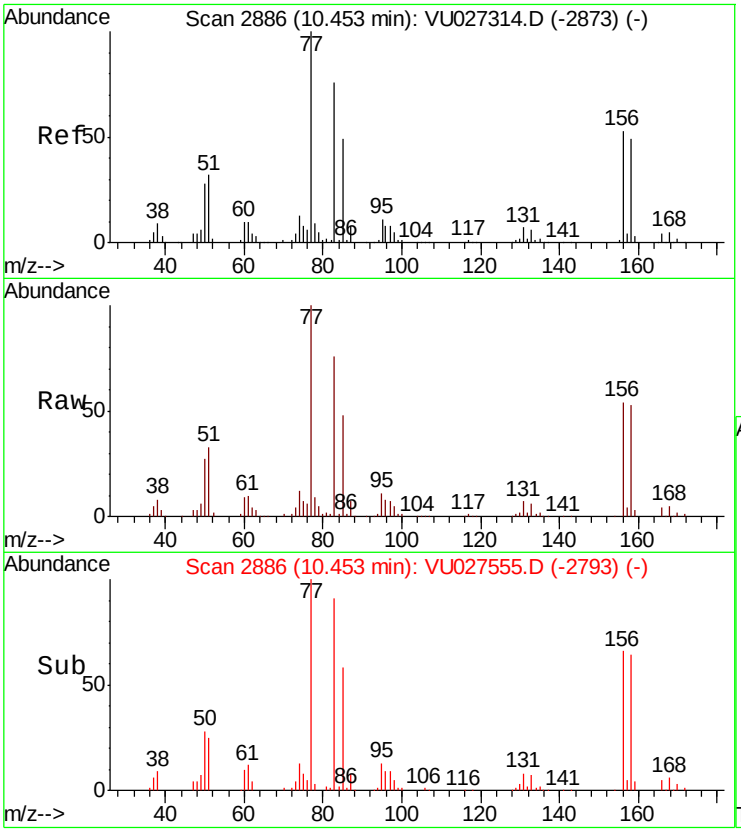




#76
1,2,3-Trichloropropane
Concen: 63.840 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion: 75 Resp: 167940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.4 | 20.3 | 60.9 |



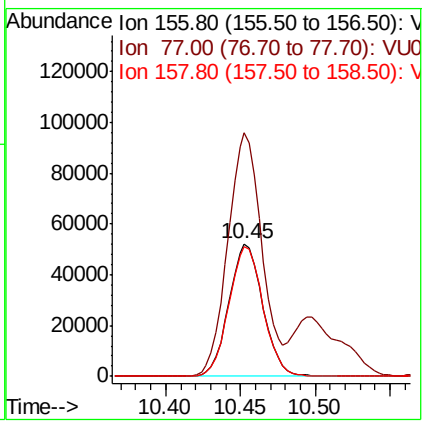


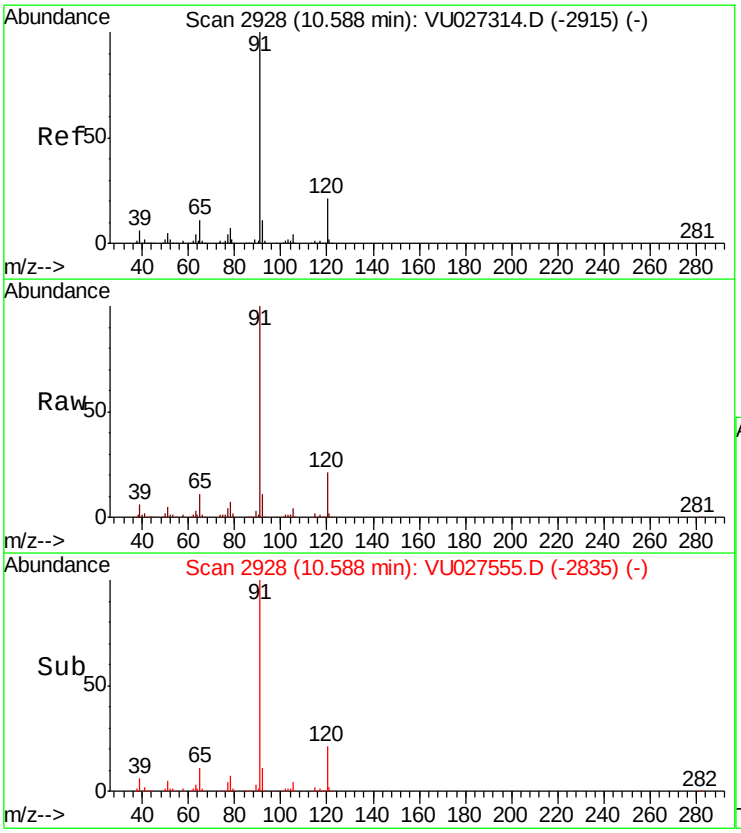

#77
Bromobenzene
Concen: 47.943 ug/l
RT: 10.45 min Scan# 2886
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion:156 Resp: 82122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 185.0 | 94.8 | 284.4 |
| 158 | 98.8 | 47.4 | 142.3 |

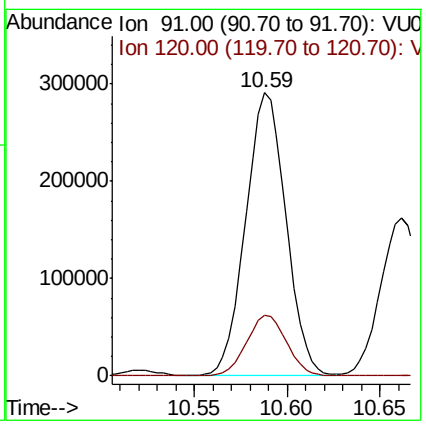


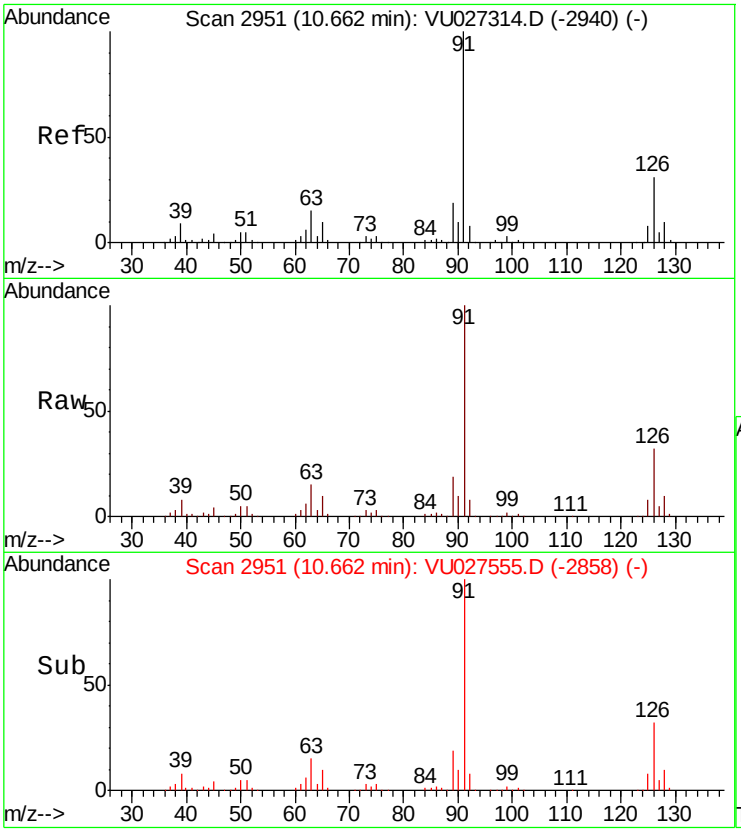




#78
n-propylbenzene
Concen: 49.553 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion: 91 Resp: 438868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 21.3 | 10.6 | 31.8 |



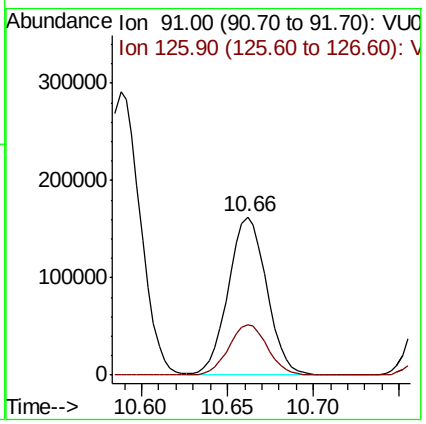


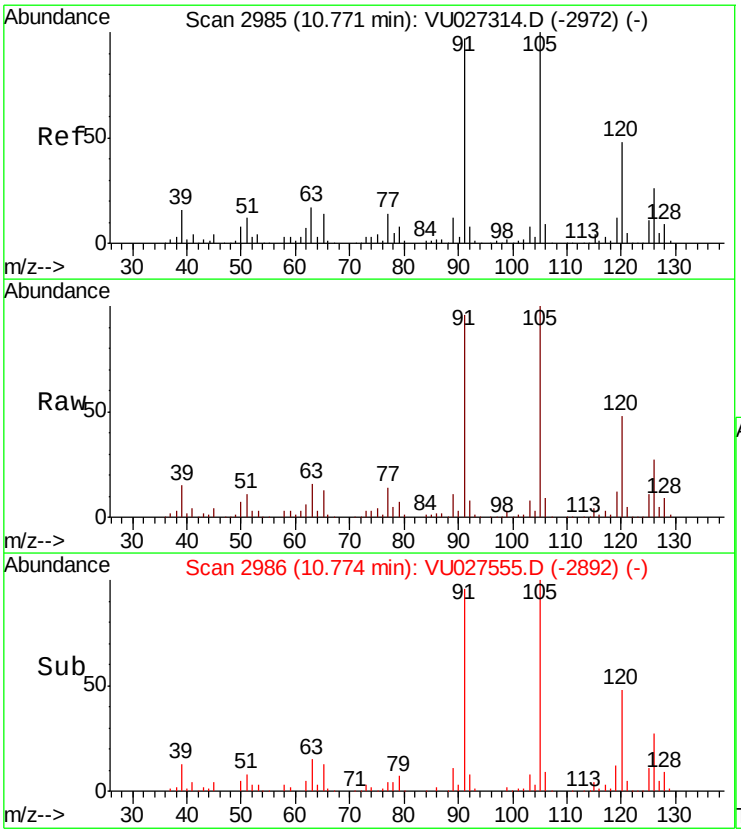

#79
2-Chlorotoluene
Concen: 47.241 ug/l
RT: 10.66 min Scan# 2951
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050

Tgt Ion: 91 Resp: 252619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 32.4 | 15.7 | 47.1 |

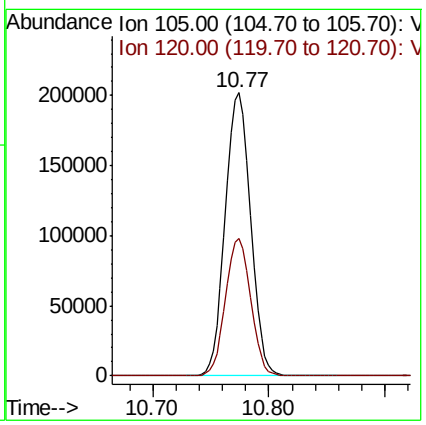


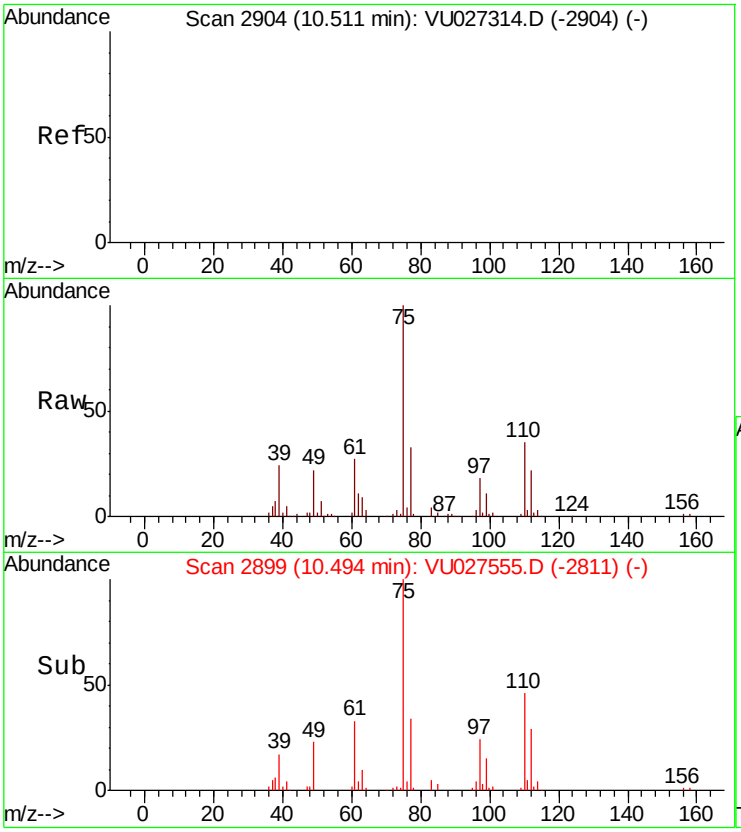




#80
1,3,5-Trimethylbenzene
Concen: 50.721 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion:105 Resp: 304356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.2 | 24.1 | 72.4 |



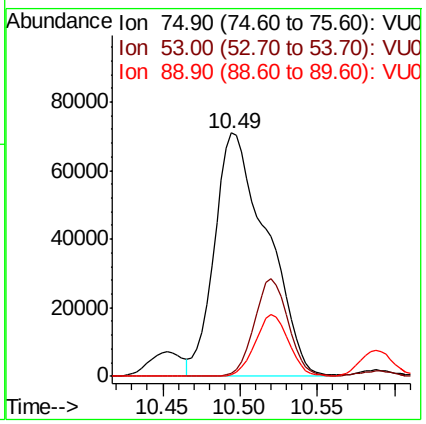


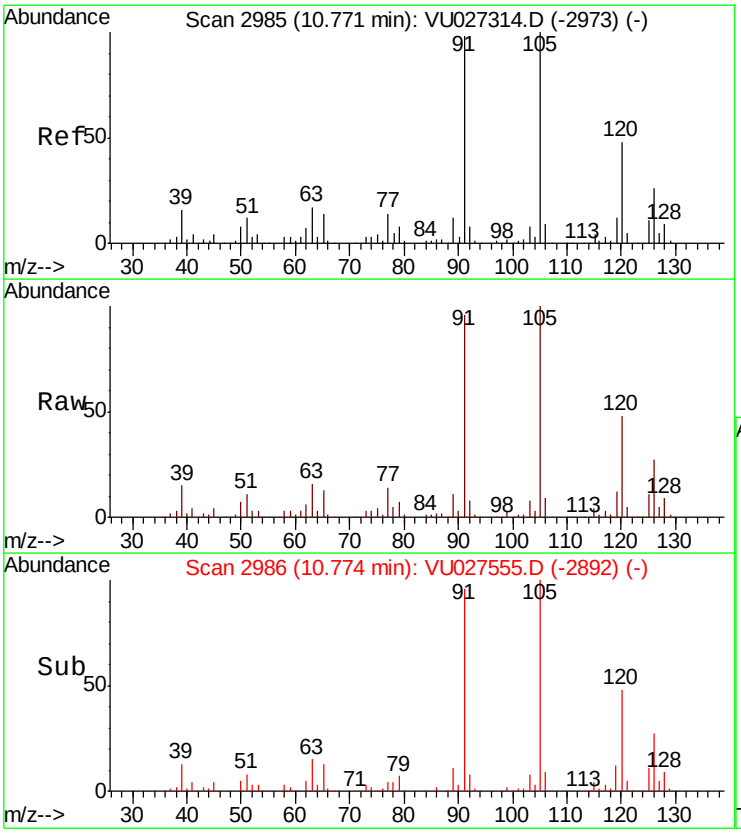

#81
trans-1,4-Dichloro-2-butene
Concen: 167.077 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 75 Resp: 167940

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

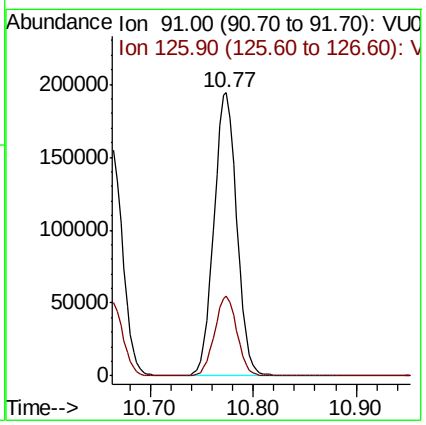


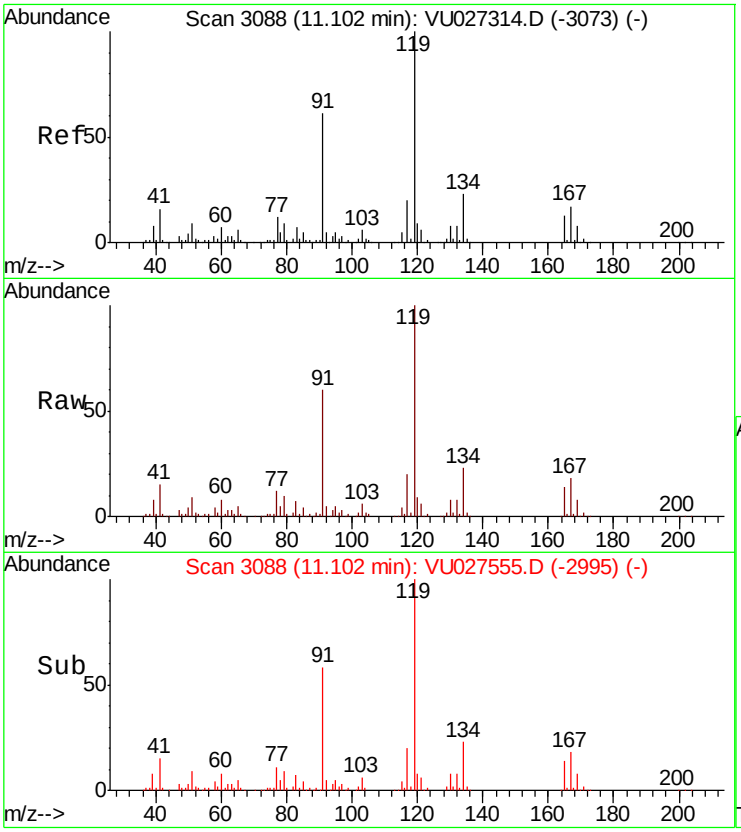




#82
4-Chlorotoluene
Concen: 49.024 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion: 91 Resp: 297492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 27.8 | 13.6 | 40.8 |



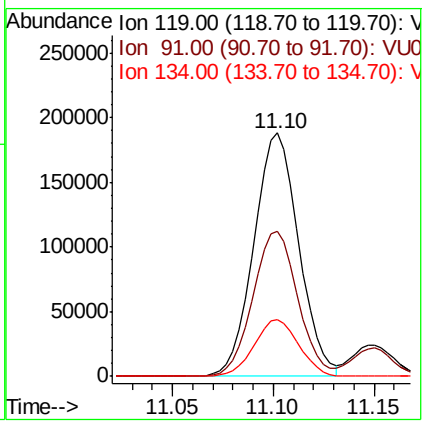


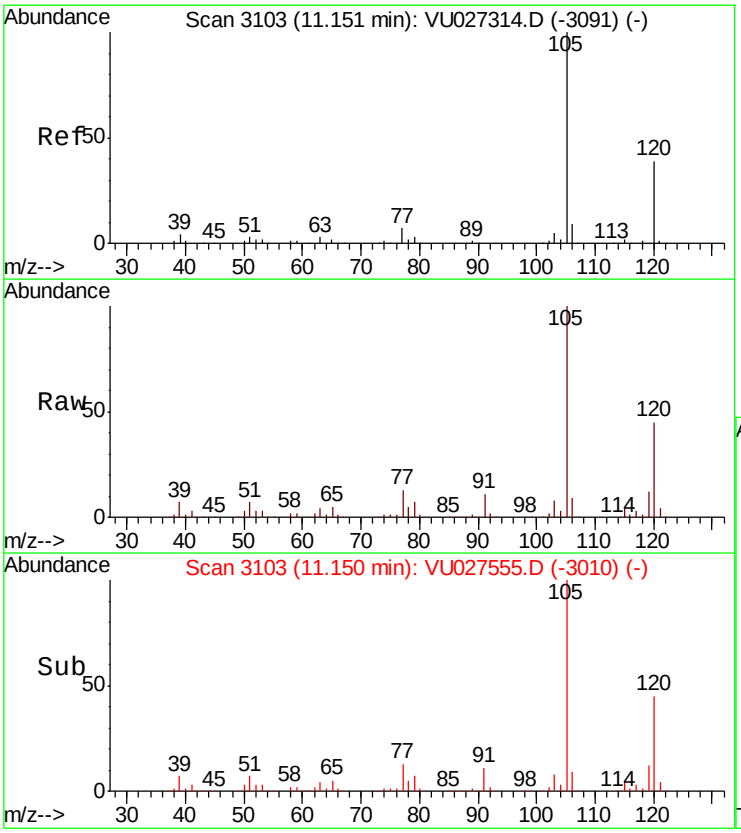

#83
tert-Butylbenzene
Concen: 50.392 ug/l
RT: 11.10 min Scan# 3088
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion:119 Resp: 292324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 59.9 | 30.3 | 91.0 |
| 134 | 23.2 | 11.5 | 34.4 |

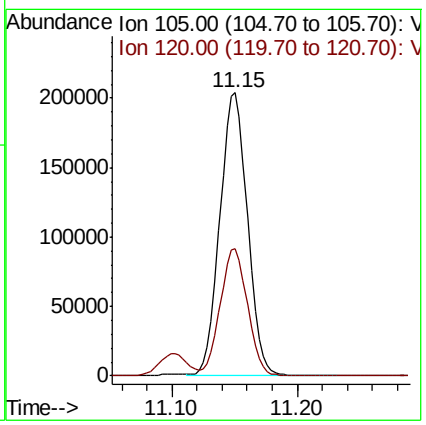


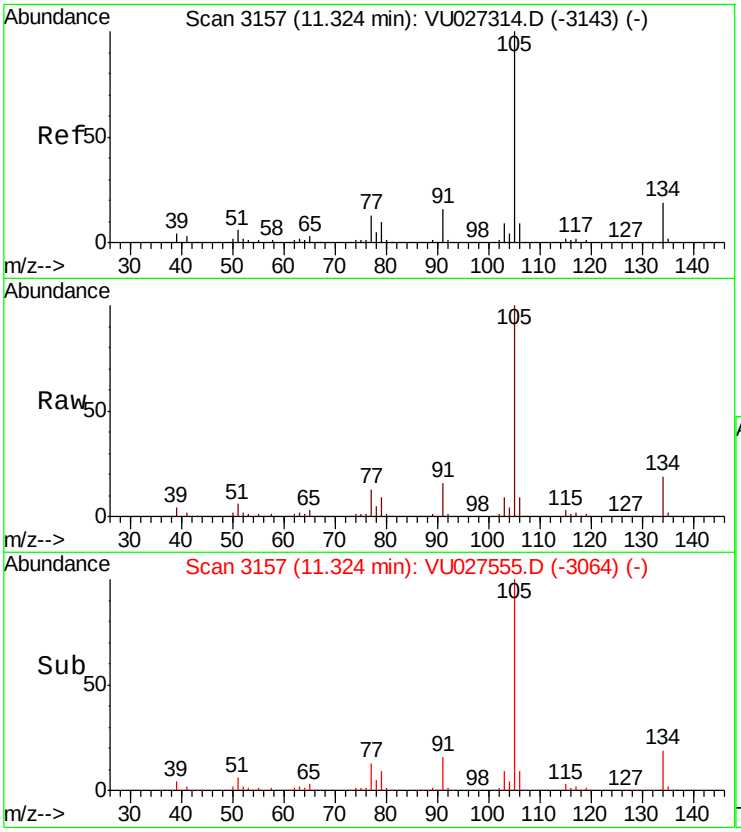




#84
1,2,4-Trimethylbenzene
Concen: 50.628 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion:105 Resp: 310332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 44.6 | 22.1 | 66.5 |



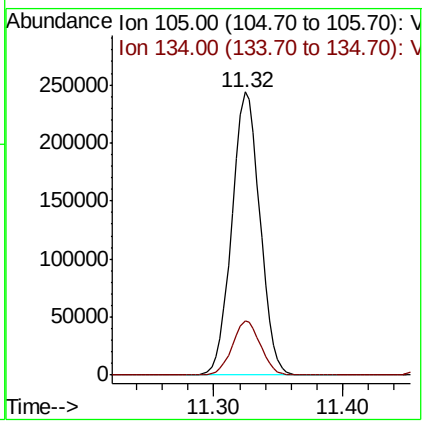


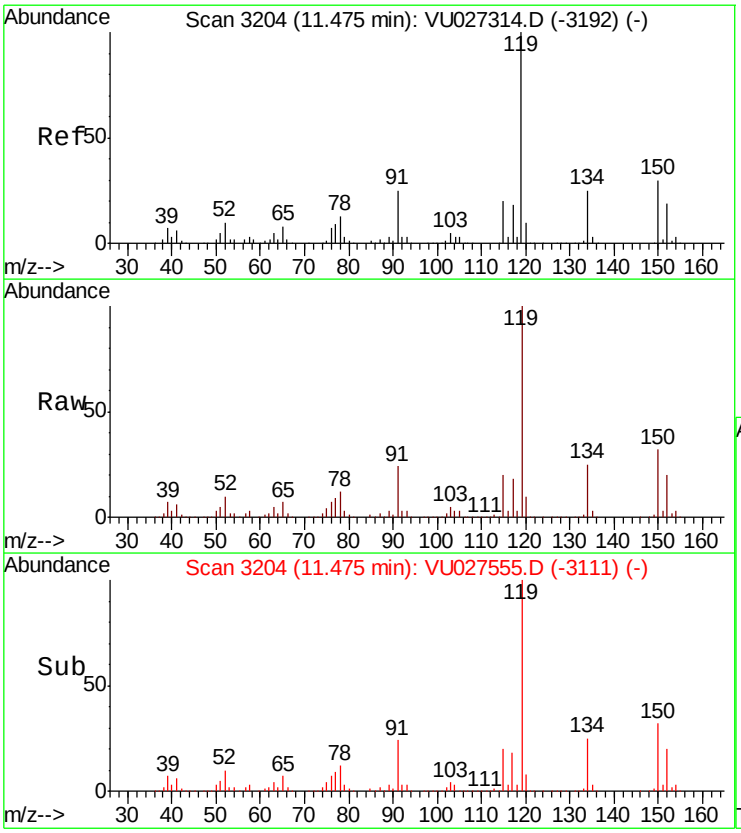

#85
sec-Butylbenzene
Concen: 50.468 ug/l
RT: 11.32 min Scan# 3157
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion:105 Resp: 368879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 19.2 | 9.6 | 28.6 |

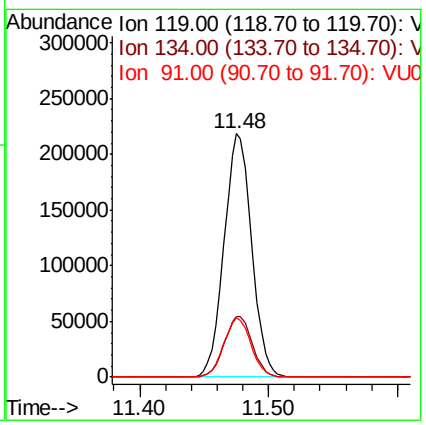


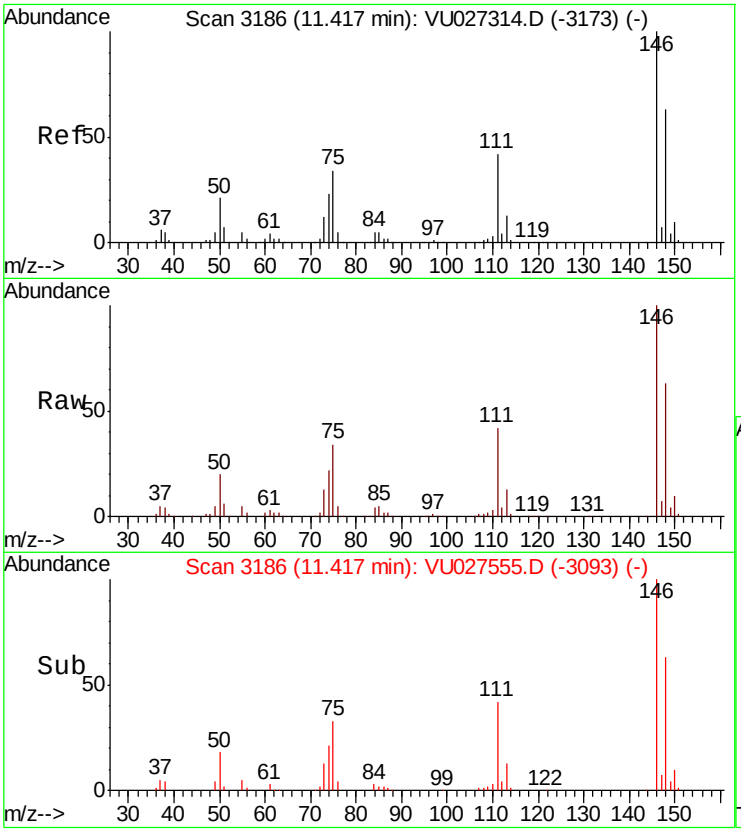




#86
p-Isopropyltoluene
Concen: 51.576 ug/l
RT: 11.48 min Scan# 3204
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion:119 Resp: 322770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.3 | 12.7 | 38.1 |
| 91 | 24.0 | 12.2 | 36.4 |



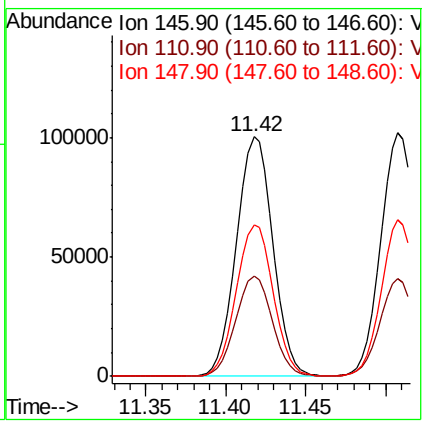


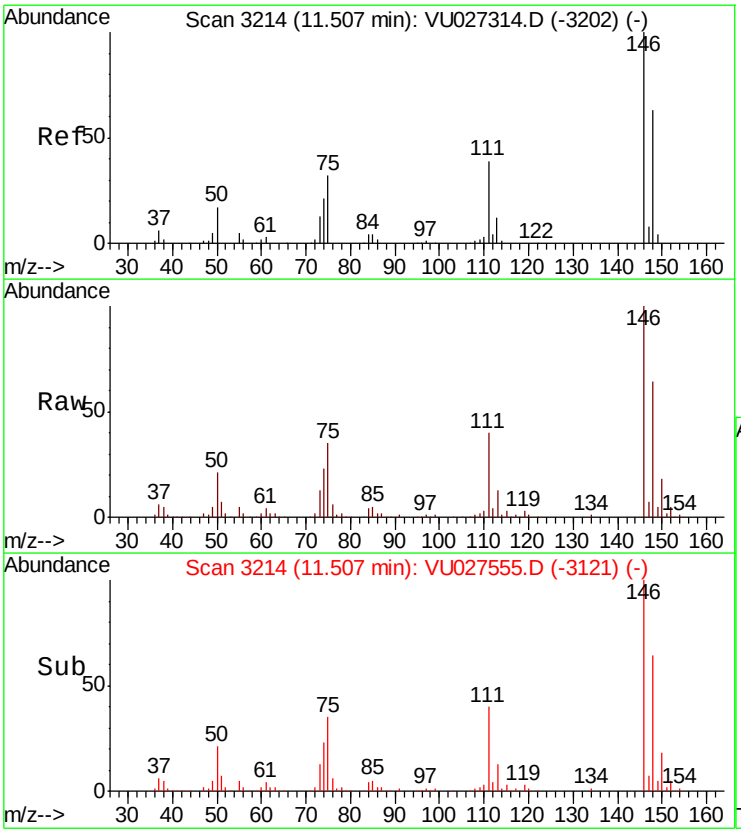

#87
1,3-Dichlorobenzene
Concen: 48.051 ug/l
RT: 11.42 min Scan# 3186
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion:146 Resp: 155851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.9 | 20.8 | 62.5 |
| 148 | 64.0 | 31.6 | 94.8 |

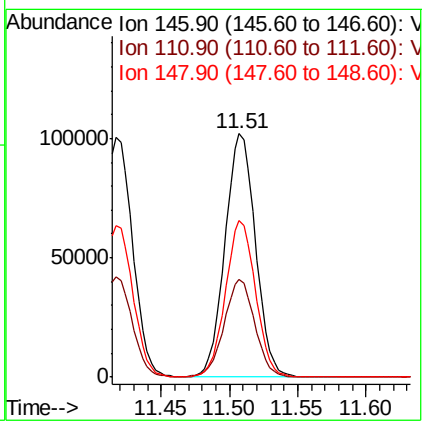


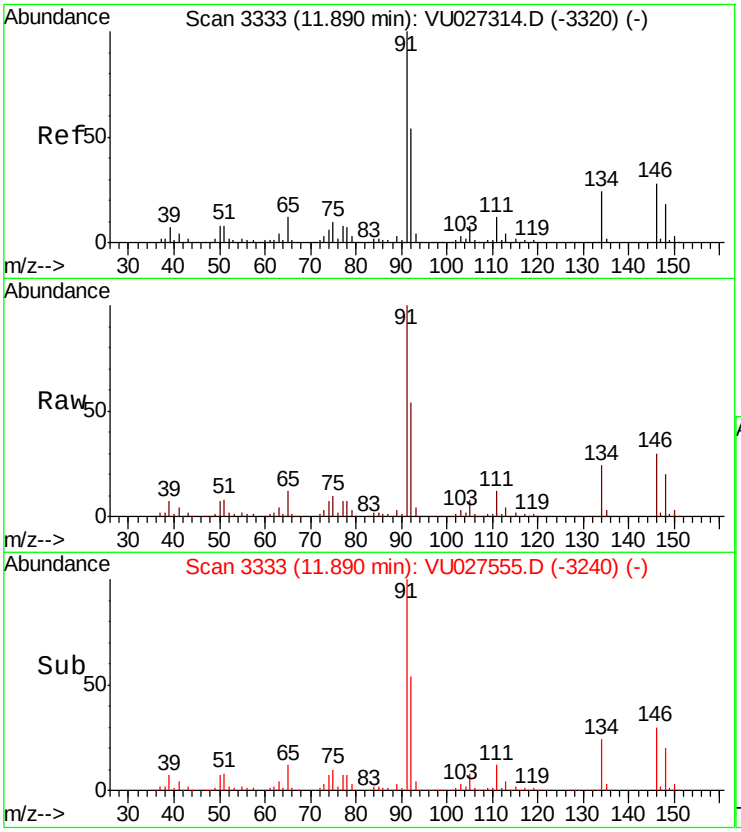




#88
1,4-Dichlorobenzene
Concen: 47.709 ug/l
RT: 11.51 min Scan# 3214
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion:146 Resp: 158128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.4 | 20.4 | 61.2 |
| 148 | 63.5 | 31.9 | 95.5 |



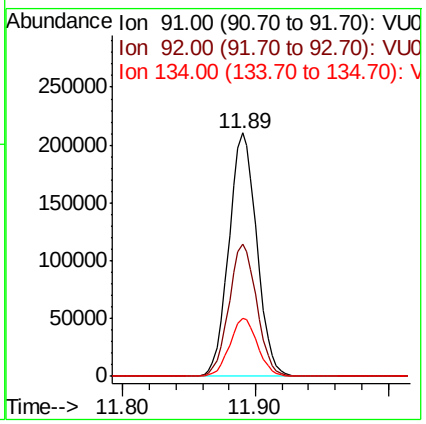


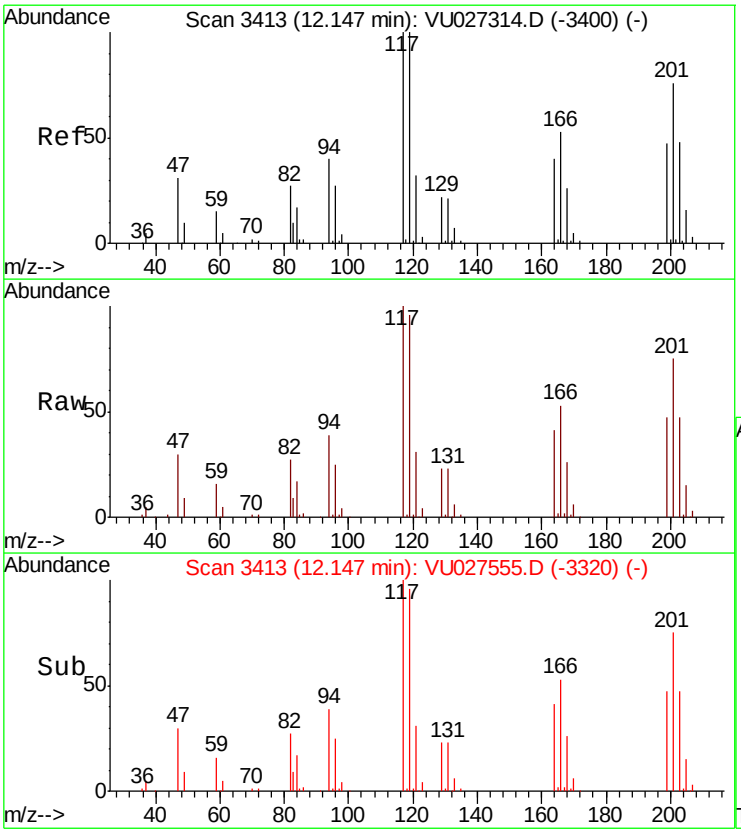

#89
n-Butylbenzene
Concen: 46.381 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050

Tgt Ion: 91 Resp: 307044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.1 | 27.0 | 81.0 |
| 134 | 23.7 | 11.7 | 35.1 |

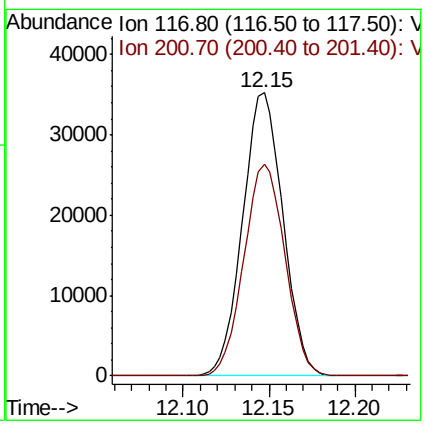


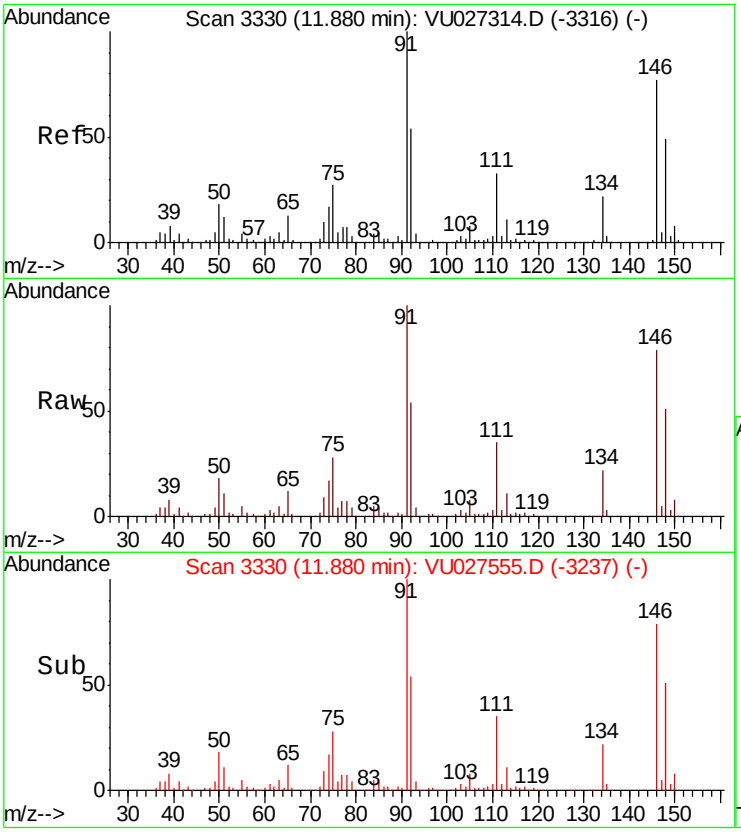




#90
Hexachloroethane
Concen: 48.746 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion:117 Resp: 57501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 76.0 | 37.9 | 113.6 |



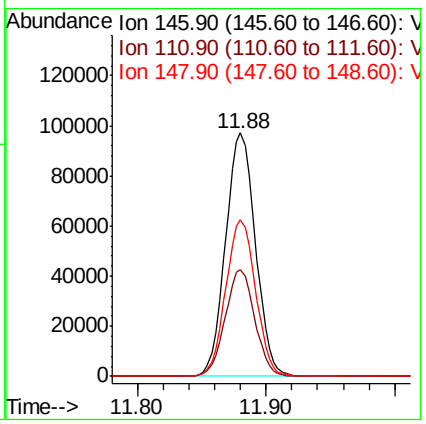


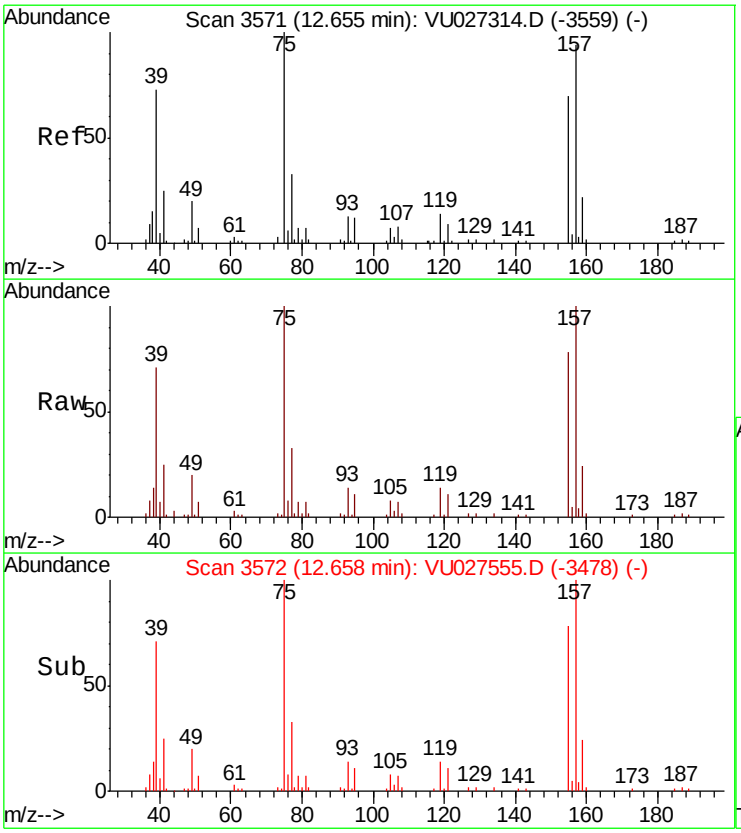

#91
1,2-Dichlorobenzene
Concen: 49.387 ug/l
RT: 11.88 min Scan# 3330
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion:146 Resp: 155923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 43.3 | 21.8 | 65.4 |
| 148 | 64.2 | 31.9 | 95.5 |

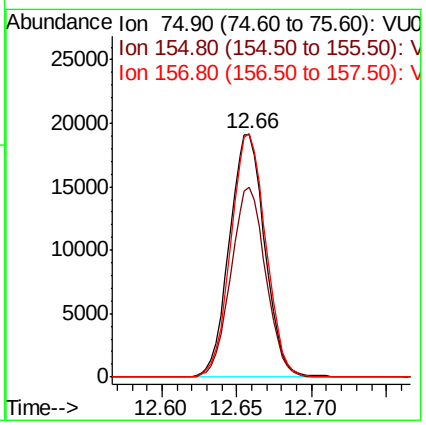


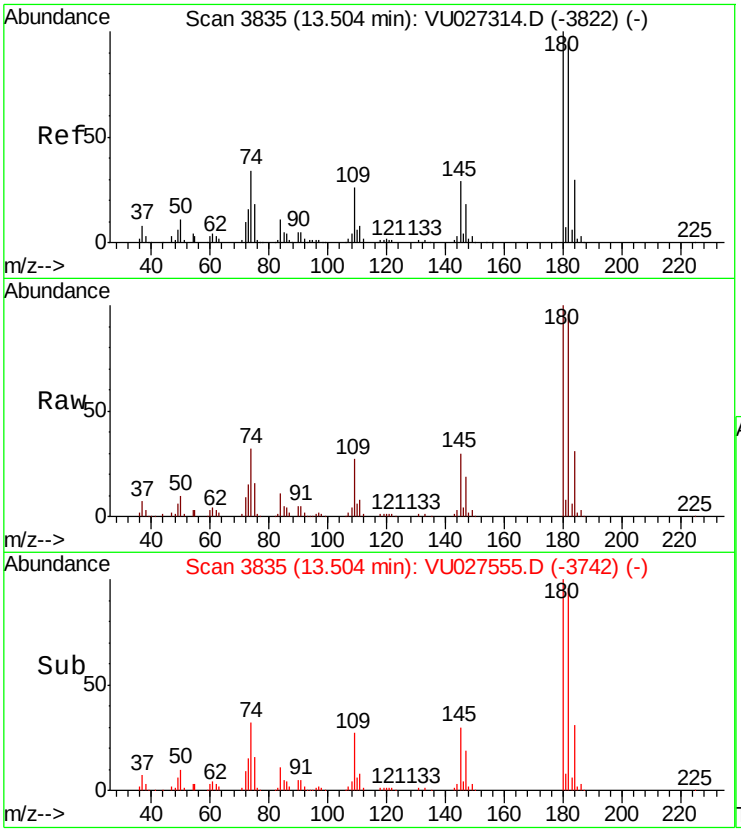




#92
1,2-Dibromo-3-Chloropropane
Concen: 49.191 ug/l
RT: 12.66 min Scan# 3572
Delta R.T. 0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion: 75 Resp: 31551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 76.6 | 35.9 | 107.8 |
| 157 | 98.3 | 46.9 | 140.6 |



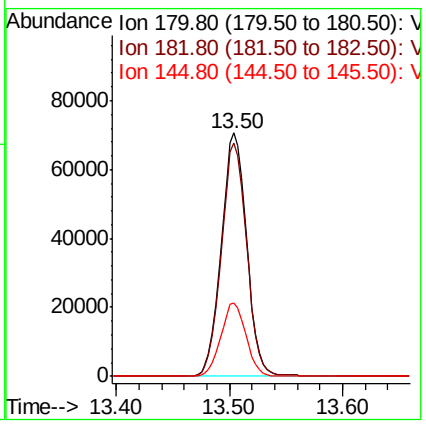


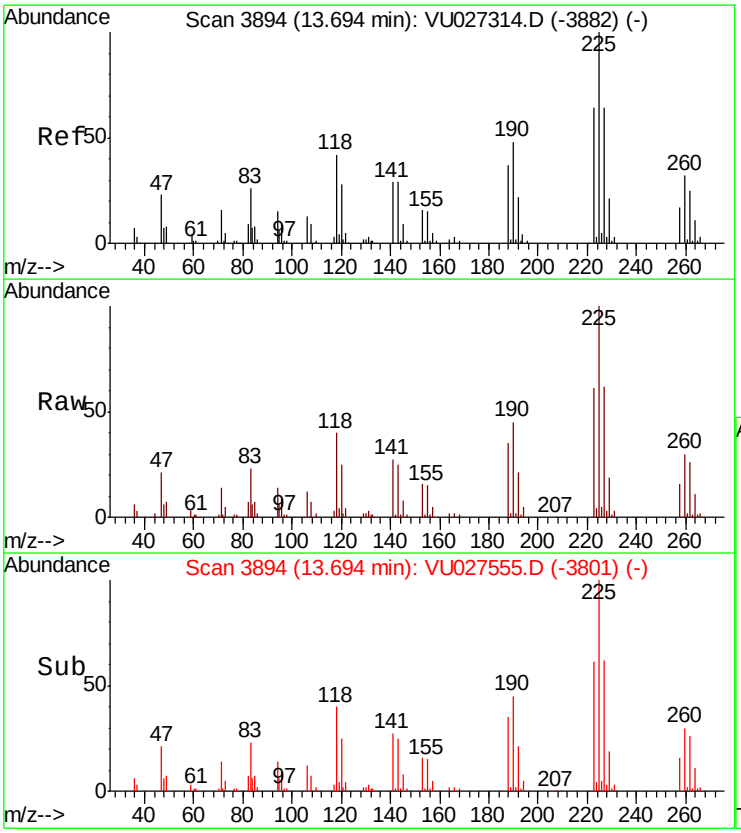

#93
1,2,4-Trichlorobenzene
Concen: 53.964 ug/l
RT: 13.50 min Scan# 3835
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion:180 Resp: 110242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.8 | 47.4 | 142.3 |
| 145 | 29.9 | 14.6 | 44.0 |

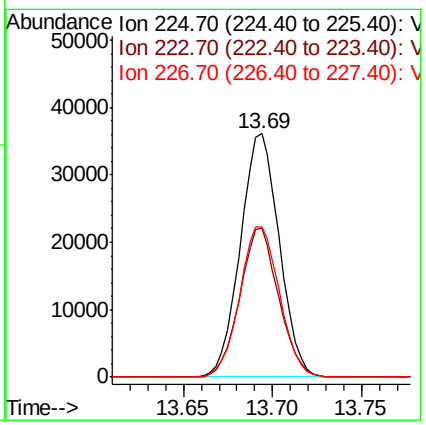


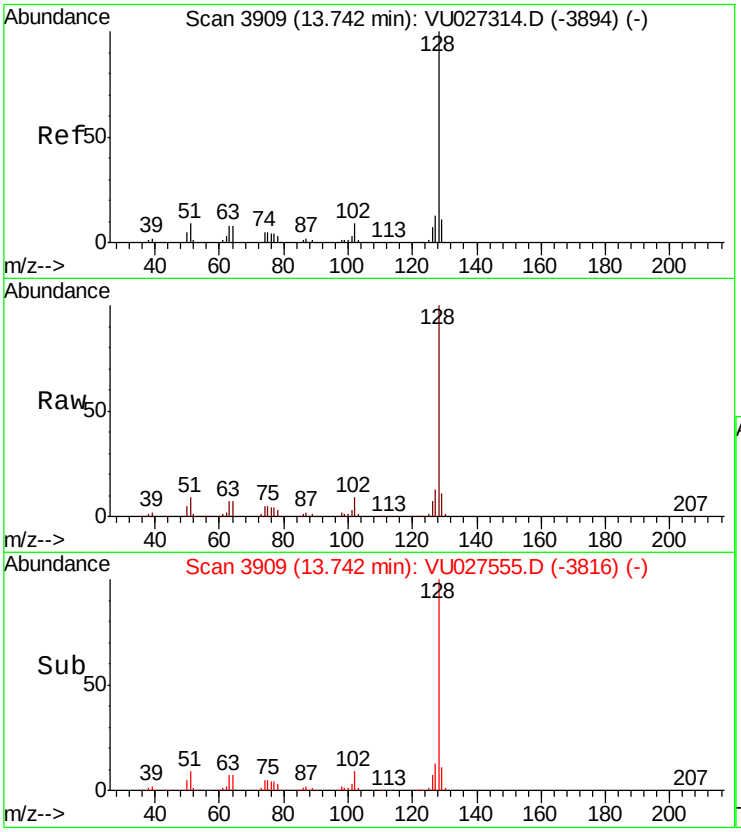




#94
Hexachlorobutadiene
Concen: 53.493 ug/l
RT: 13.69 min Scan# 3894
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion:225 Resp: 55212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.0 | 31.8 | 95.3 |
| 227 | 63.1 | 31.9 | 95.7 |



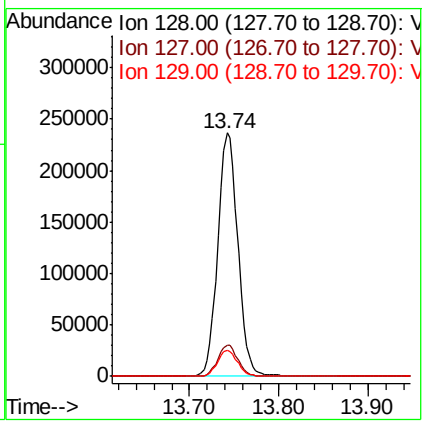


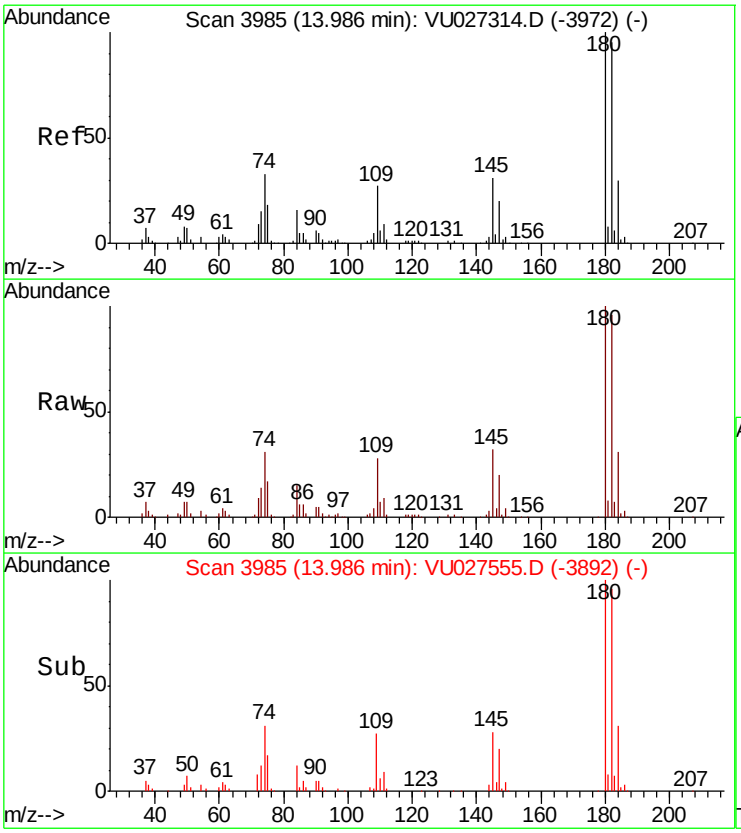

#95
Naphthalene
Concen: 48.273 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050

Tgt Ion:128 Resp: 369907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.9 | 10.5 | 15.7 |
| 129 | 10.7 | 8.6 | 12.8 |




#96
1,2,3-Trichlorobenzene
Concen: 52.606 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. -0.00 min
Lab File: VU027555.D
Acq: 10 Oct 2018 08:07

Tgt Ion:180 Resp: 111963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.7 | 47.4 | 142.2 |
| 145 | 31.0 | 15.9 | 47.7 |