Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012119\

Quantitation Report (Not Reviewed)

Data File : VU029260.D
Acq On : 21 Jan 2019 19:44
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Quant Time: Jan 22 01:17:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 12 01:33:59 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 4.98 | 168 | 108193 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 5.88 | 114 | 175900 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 9.09 | 117 | 166715 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 11.48 | 152 | 82295 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.31 | 65 | 68425 | 51.16 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.32% | | | |
| 35) Dibromofluoromethane | 4.88 | 113 | 58152 | 51.00 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 102.00% | | | |
| 50) Toluene-d8 | 7.56 | 98 | 208123 | 46.23 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 92.46% | | | |
| 62) 4-Bromofluorobenzene | 10.30 | 95 | 78342 | 48.43 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 96.86% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.21 | 85 | 48151 | 44.877 | ug/l | 100 |
| 3) Chloromethane | 1.33 | 50 | 71641 | 41.717 | ug/l | 100 |
| 4) Vinyl Chloride | 1.40 | 62 | 74094 | 46.860 | ug/l | 98 |
| 5) Bromomethane | 1.61 | 94 | 38386 | 47.040 | ug/l | 99 |
| 6) Chloroethane | 1.69 | 64 | 42989 | 45.645 | ug/l | 100 |
| 7) Trichlorofluoromethane | 1.88 | 101 | 81324 | 47.200 | ug/l | 97 |
| 8) Diethyl Ether | 2.10 | 74 | 38730 | 46.789 | ug/l | 89 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.29 | 101 | 51679 | 44.828 | ug/l | 99 |
| 10) Methyl Iodide | 2.41 | 142 | 59523 | 54.912 | ug/l | 98 |
| 11) Tert butyl alcohol | 2.83 | 59 | 89693 | 263.829 | ug/l | 100 |
| 12) 1,1-Dichloroethene | 2.28 | 96 | 48851 | 43.535 | ug/l | 94 |
| 13) Acrolein | 2.19 | 56 | 62858 | 246.233 | ug/l | 99 |
| 14) Allyl chloride | 2.59 | 41 | 96652 | 46.944 | ug/l | 94 |
| 15) Acrylonitrile | 2.93 | 53 | 235721 | 282.620 | ug/l | 99 |
| 16) Acetone | 2.32 | 43 | 191574 | 227.372 | ug/l | 98 |
| 17) Carbon Disulfide | 2.48 | 76 | 155870 | 41.857 | ug/l | 100 |
| 18) Methyl Acetate | 2.61 | 43 | 123417 | 62.997 | ug/l | 100 |
| 19) Methyl tert-butyl Ether | 3.00 | 73 | 203735 | 51.643 | ug/l | 99 |
| 20) Methylene Chloride | 2.70 | 84 | 72726 | 50.839 | ug/l | 97 |
| 21) trans-1,2-Dichloroethene | 2.98 | 96 | 60293 | 46.248 | ug/l | 94 |
| 22) Diisopropyl ether | 3.57 | 45 | 221846 | 54.519 | ug/l | 99 |
| 23) Vinyl Acetate | 3.52 | 43 | 908019 | 272.962 | ug/l | 99 |
| 24) 1,1-Dichloroethane | 3.44 | 63 | 125531 | 53.440 | ug/l | 99 |
| 25) 2-Butanone | 4.26 | 43 | 312631 | 274.720 | ug/l | 99 |
| 26) 2,2-Dichloropropane | 4.23 | 77 | 95627 | 50.382 | ug/l | 99 |
| 27) cis-1,2-Dichloroethene | 4.22 | 96 | 72835 | 51.081 | ug/l | 98 |
| 28) Bromochloromethane | 4.55 | 49 | 53164 | 52.856 | ug/l | 95 |
| 29) Tetrahydrofuran | 4.63 | 42 | 196669 | 284.939 | ug/l | 97 |
| 30) Chloroform | 4.67 | 83 | 117351 | 52.450 | ug/l | 99 |
| 31) Cyclohexane | 4.99 | 56 | 107375 | 48.387 | ug/l | 99 |
| 32) 1,1,1-Trichloroethane | 4.91 | 97 | 96344 | 52.114 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 5.13 | 75 | 85902 | 48.858 | ug/l | 99 |
| 37) Ethyl Acetate | 4.38 | 43 | 109217 | 56.592 | ug/l | 98 |
| 38) Carbon Tetrachloride | 5.13 | 117 | 78185 | 53.317 | ug/l | 98 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012119\

Quantitation Report (Not Reviewed)

Data File : VU029260.D
Acq On : 21 Jan 2019 19:44
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Quant Time: Jan 22 01:17:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 12 01:33:59 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 6.41 | 83 | 104532 | 48.361 | ug/l | | 99 |
| 40) Benzene | 5.39 | 78 | 276403 | 50.399 | ug/l | | 100 |
| 41) Methacrylonitrile | 4.54 | 41 | 60623 | 58.684 | ug/l | | 97 |
| 42) 1,2-Dichloroethane | 5.40 | 62 | 90066 | 54.652 | ug/l | | 99 |
| 43) Isopropyl Acetate | 5.55 | 43 | 170247 | 57.507 | ug/l | | 99 |
| 44) Trichloroethene | 6.18 | 130 | 66436 | 48.891 | ug/l | | 99 |
| 45) 1,2-Dichloropropane | 6.43 | 63 | 78235 | 54.019 | ug/l | | 99 |
| 46) Dibromomethane | 6.56 | 93 | 48958 | 52.880 | ug/l | | 97 |
| 47) Bromodichloromethane | 6.76 | 83 | 92350 | 54.176 | ug/l | | 99 |
| 48) Methyl methacrylate | 6.62 | 41 | 85168 | 59.082 | ug/l | | 98 |
| 49) 1,4-Dioxane | 6.61 | 88 | 38931 | 1139.600 | ug/l | | 97 |
| 51) 4-Methyl-2-Pentanone | 7.46 | 43 | 589019 | 292.350 | ug/l | | 98 |
| 52) Toluene | 7.63 | 92 | 160770 | 48.154 | ug/l | | 100 |
| 53) t-1,3-Dichloropropene | 7.88 | 75 | 103773 | 50.678 | ug/l | | 100 |
| 54) cis-1,3-Dichloropropene | 7.27 | 75 | 114669 | 51.824 | ug/l | | 98 |
| 55) 1,1,2-Trichloroethane | 8.06 | 97 | 68787 | 51.428 | ug/l | | 98 |
| 56) Ethyl methacrylate | 8.02 | 69 | 107065 | 51.958 | ug/l | | 94 |
| 57) 1,3-Dichloropropane | 8.24 | 76 | 113503 | 49.593 | ug/l | | 98 |
| 58) 2-Chloroethyl Vinyl ether | 7.12 | 63 | 248648 | 274.380 | ug/l | | 98 |
| 59) 2-Hexanone | 8.36 | 43 | 447187 | 282.757 | ug/l | | 97 |
| 60) Dibromochloromethane | 8.48 | 129 | 68590 | 51.762 | ug/l | | 98 |
| 61) 1,2-Dibromoethane | 8.58 | 107 | 72286 | 49.831 | ug/l | | 100 |
| 64) Tetrachloroethene | 8.22 | 164 | 50801 | 42.301 | ug/l | | 97 |
| 65) Chlorobenzene | 9.12 | 112 | 180199 | 48.221 | ug/l | | 100 |
| 66) 1,1,1,2-Tetrachloroethane | 9.21 | 131 | 58279 | 48.056 | ug/l | | 98 |
| 67) Ethyl Benzene | 9.25 | 91 | 297363 | 47.661 | ug/l | | 99 |
| 68) m/p-Xylenes | 9.37 | 106 | 233701 | 96.404 | ug/l | | 98 |
| 69) o-Xylene | 9.78 | 106 | 117014 | 50.096 | ug/l | | 99 |
| 70) Styrene | 9.79 | 104 | 191448 | 49.997 | ug/l | | 99 |
| 71) Bromoform | 9.95 | 173 | 52581 | 48.694 | ug/l | # | 99 |
| 73) Isopropylbenzene | 10.16 | 105 | 305609 | 50.172 | ug/l | | 99 |
| 74) N-amyl acetate | 10.01 | 43 | 144799 | 55.166 | ug/l | | 97 |
| 75) 1,1,2,2-Tetrachloroethane | 10.45 | 83 | 127438 | 52.201 | ug/l | | 100 |
| 76) 1,2,3-Trichloropropane | 10.49 | 75 | 146124 | 72.469 | ug/l | | 84 |
| 77) Bromobenzene | 10.45 | 156 | 77195 | 48.631 | ug/l | | 96 |
| 78) n-propylbenzene | 10.58 | 91 | 375228 | 52.271 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 10.66 | 91 | 218408 | 50.156 | ug/l | | 100 |
| 80) 1,3,5-Trimethylbenzene | 10.77 | 105 | 262036 | 51.514 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-buten | 10.49 | 75 | 146124 | 186.902 | ug/l | # | 100 |
| 82) 4-Chlorotoluene | 10.77 | 91 | 253989 | 50.867 | ug/l | | 98 |
| 83) tert-Butylbenzene | 11.10 | 119 | 261945 | 52.247 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 11.14 | 105 | 270569 | 53.277 | ug/l | | 100 |
| 85) sec-Butylbenzene | 11.32 | 105 | 325611 | 53.701 | ug/l | | 99 |
| 86) p-Isopropyltoluene | 11.47 | 119 | 278017 | 53.809 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 11.41 | 146 | 146074 | 50.169 | ug/l | | 98 |
| 88) 1,4-Dichlorobenzene | 11.50 | 146 | 141511 | 47.085 | ug/l | | 99 |
| 89) n-Butylbenzene | 11.89 | 91 | 254899 | 55.275 | ug/l | | 99 |
| 90) Hexachloroethane | 12.14 | 117 | 45055 | 51.835 | ug/l | | 98 |
| 91) 1,2-Dichlorobenzene | 11.88 | 146 | 138204 | 47.126 | ug/l | | 98 |
| 92) 1,2-Dibromo-3-Chloropropan | 12.65 | 75 | 26754 | 56.978 | ug/l | | 95 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012119\

Quantitation Report (Not Reviewed)

Data File : VU029260.D
Acq On : 21 Jan 2019 19:44
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Quant Time: Jan 22 01:17:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 12 01:33:59 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 13.50 | 180 | 92739 | 49.538 | ug/l | 100 |
| 94) Hexachlorobutadiene | 13.69 | 225 | 46654 | 54.485 | ug/l | 99 |
| 95) Naphthalene | 13.74 | 128 | 312876 | 49.130 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 13.98 | 180 | 99447 | 51.577 | ug/l | 99 |

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

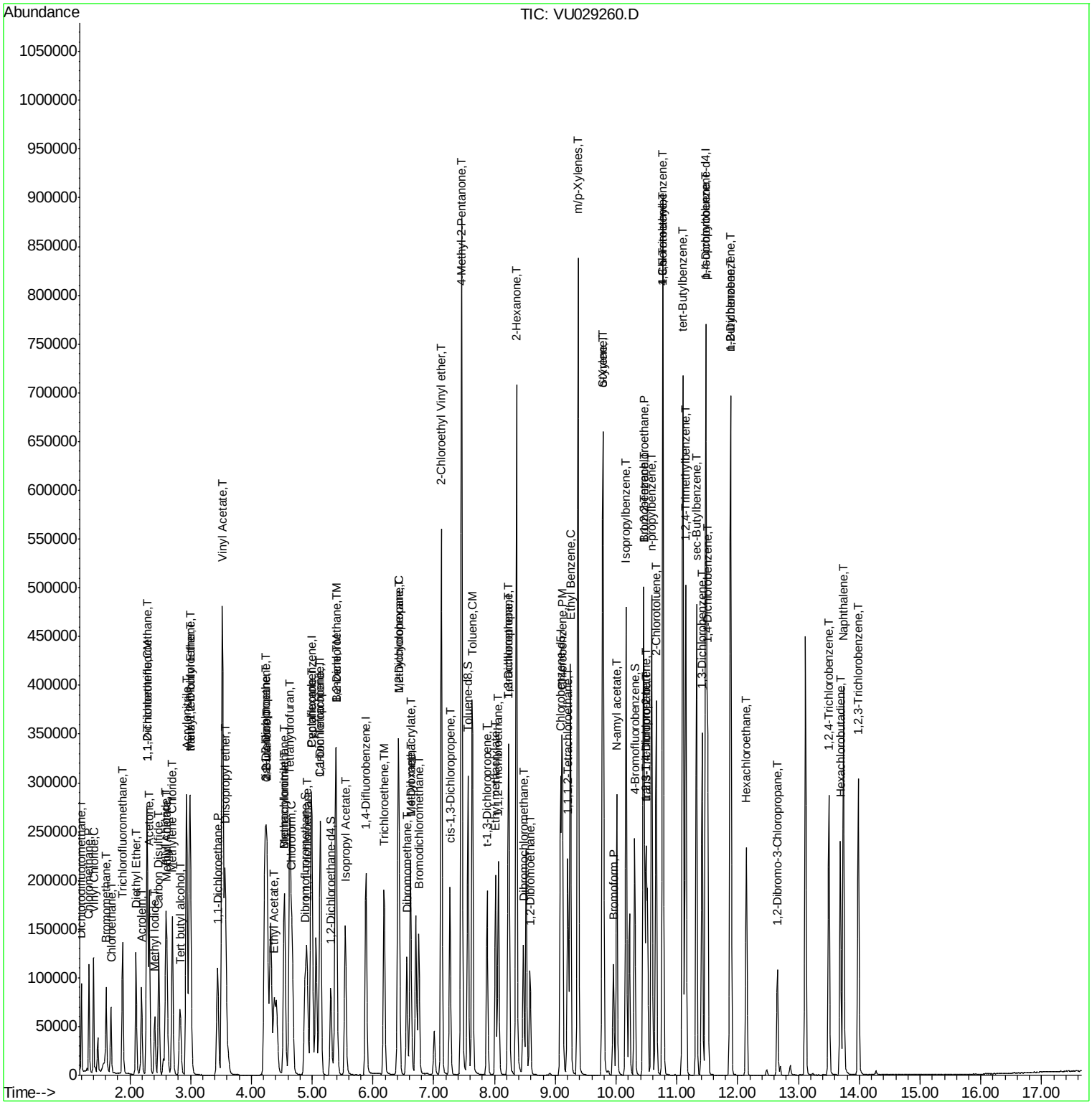
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012119\

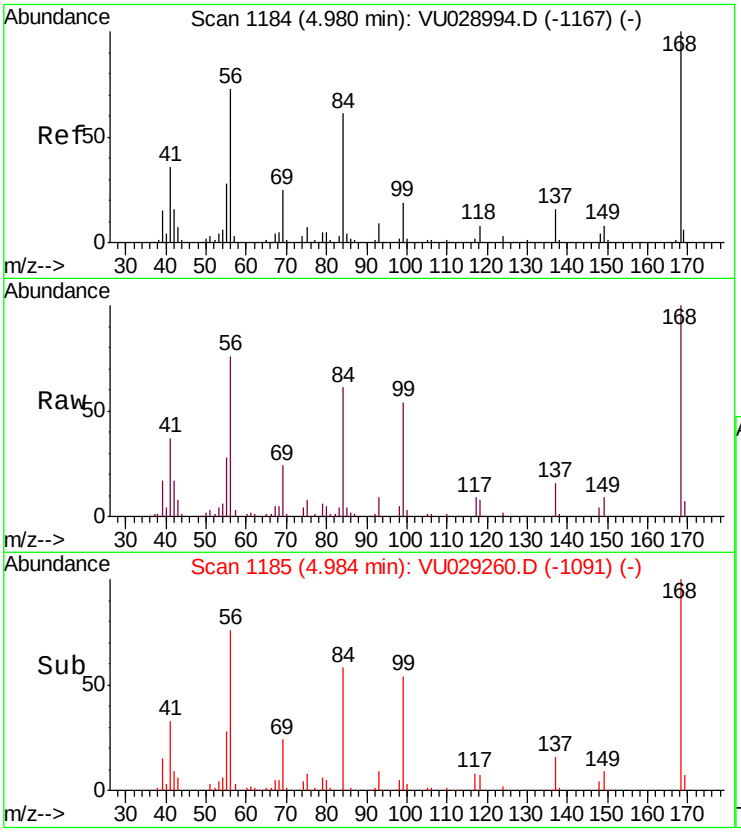
Quantitation Report (Not Reviewed)

Data File : VU029260.D
Acq On : 21 Jan 2019 19:44
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Quant Time: Jan 22 01:17:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 12 01:33:59 2019
Response via : Initial Calibration



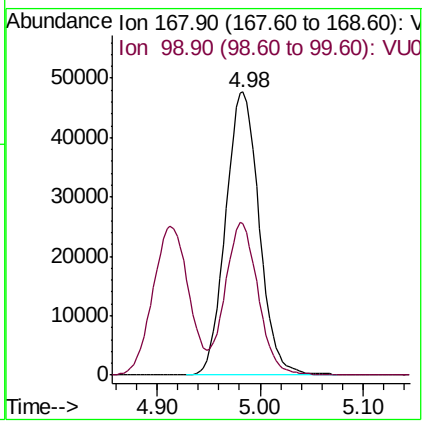


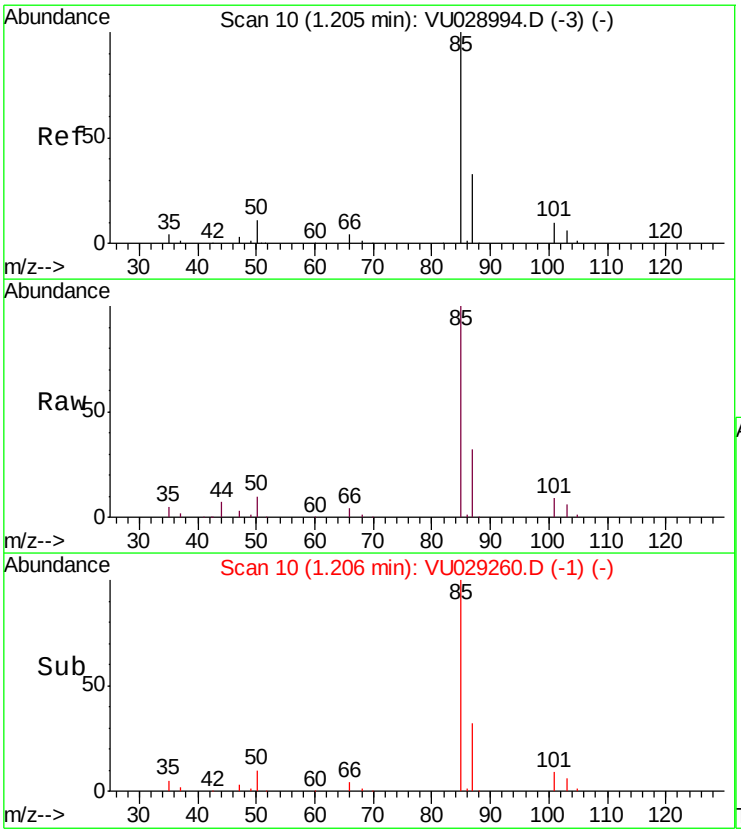

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:168 Resp: 108193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 53.7 | 42.0 | 63.0 |

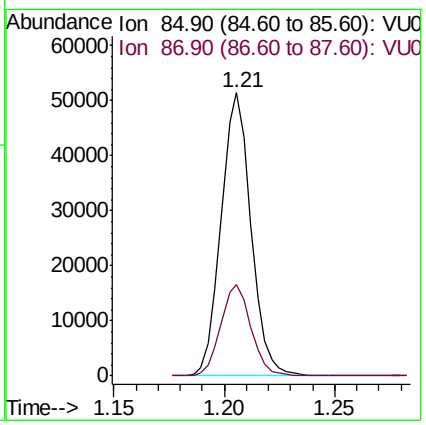


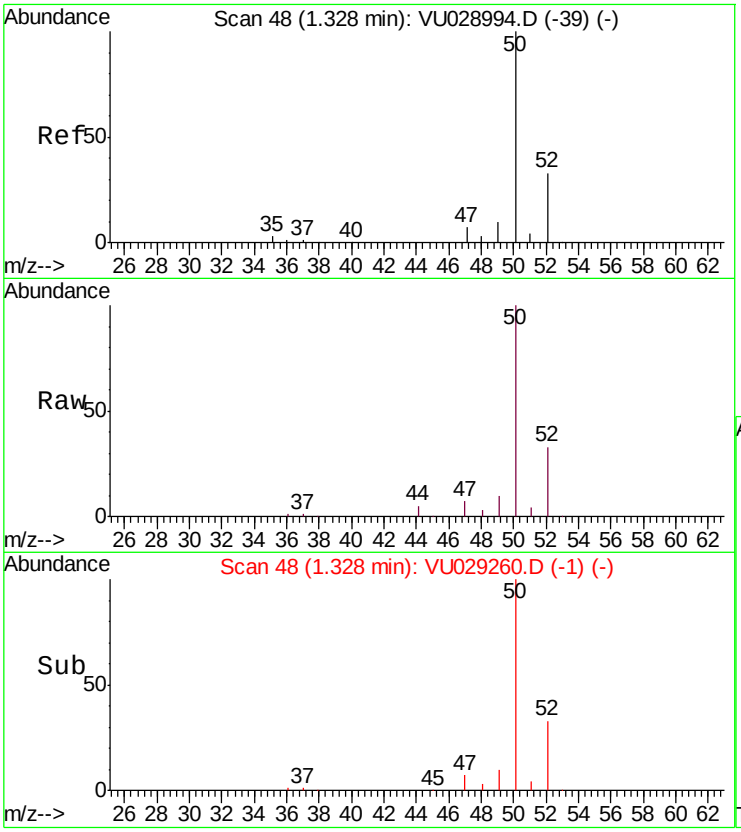




#2
Dichlorodifluoromethane
Concen: 44.877 ug/l
RT: 1.21 min Scan# 10
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion: 85 Resp: 48151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.3 | 16.3 | 48.8 |



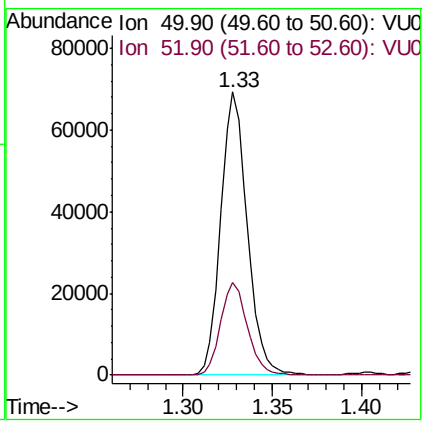


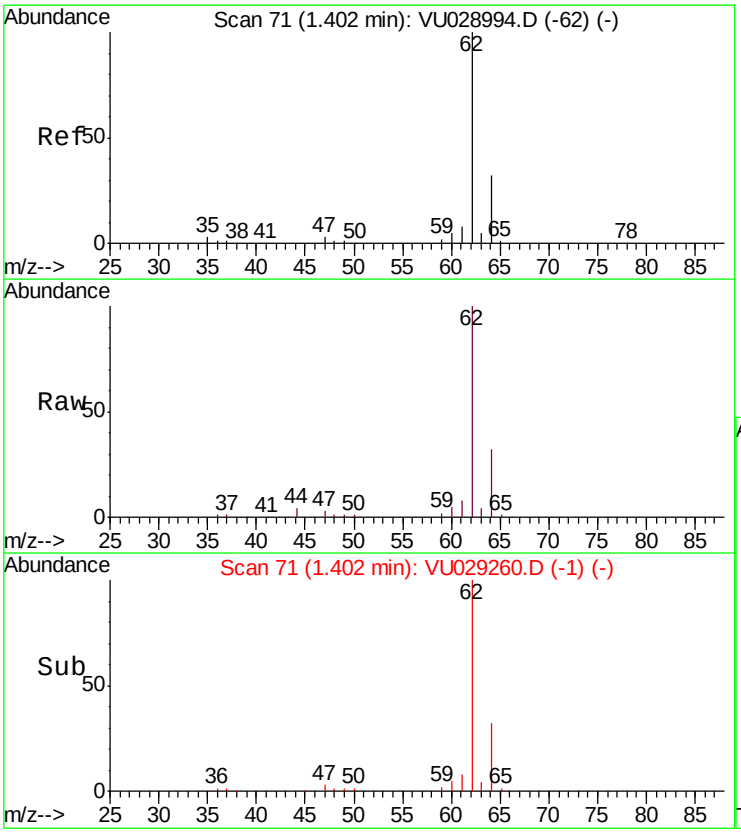

#3
Chloromethane
Concen: 41.717 ug/l
RT: 1.33 min Scan# 48
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 50 Resp: 71641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.7 | 26.1 | 39.1 |

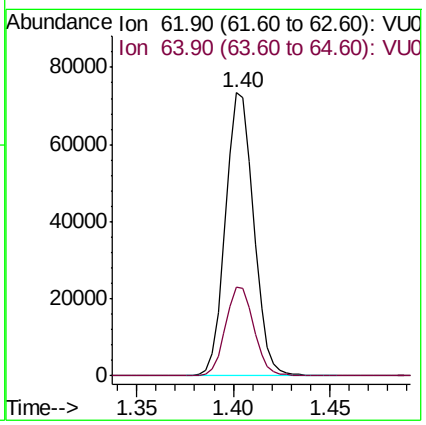


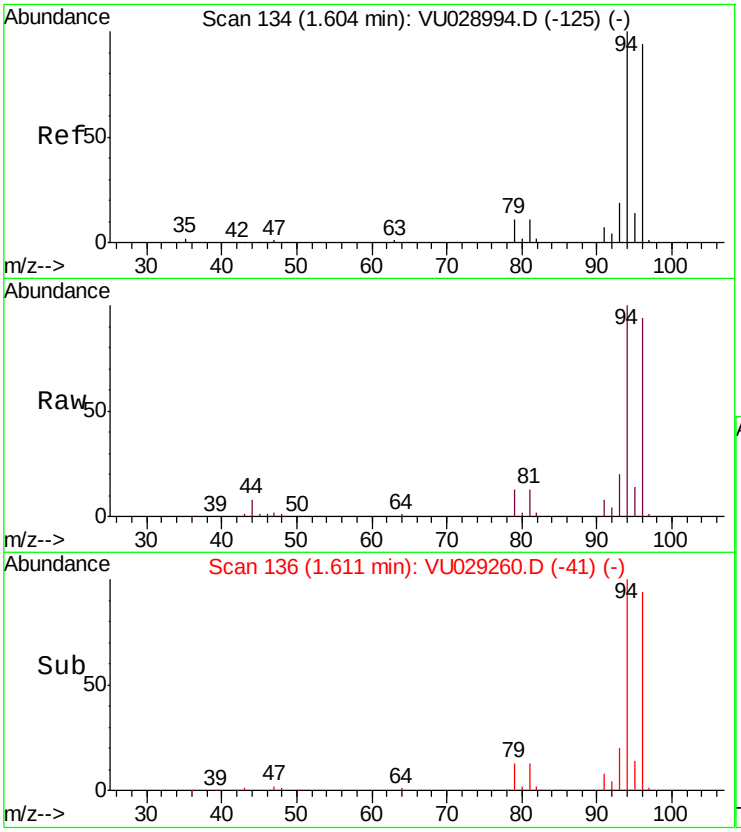




#4
Vinyl Chloride
Concen: 46.860 ug/l
RT: 1.40 min Scan# 71
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion: 62 Resp: 74094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.5 | 25.9 | 38.9 |



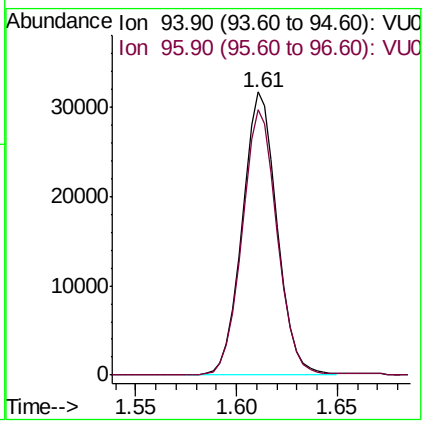


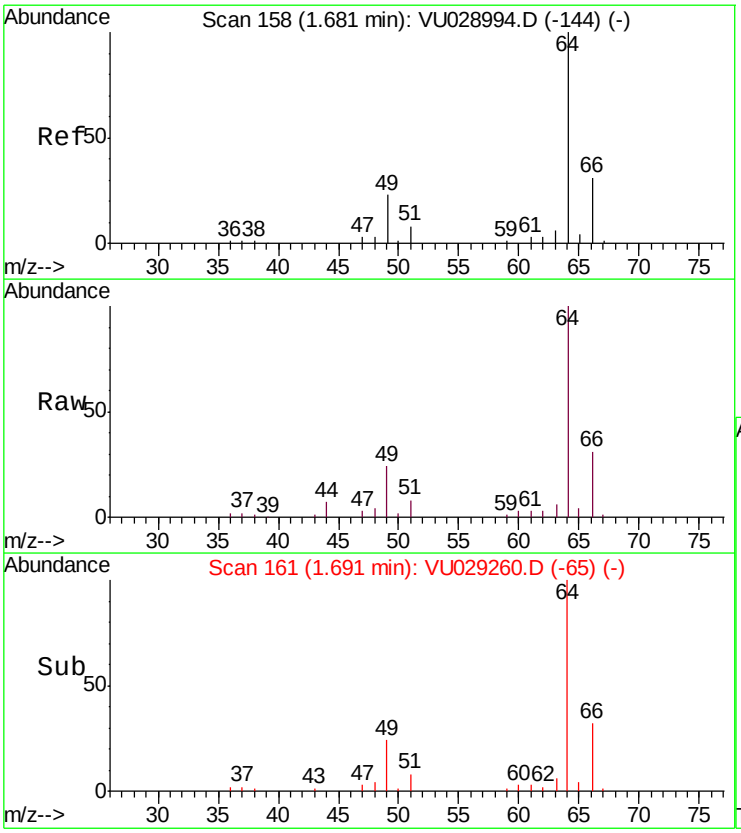

#5
Bromomethane
Concen: 47.040 ug/l
RT: 1.61 min Scan# 136
Delta R.T. 0.01 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 94 Resp: 38386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 93.8 | 75.5 | 113.3 |

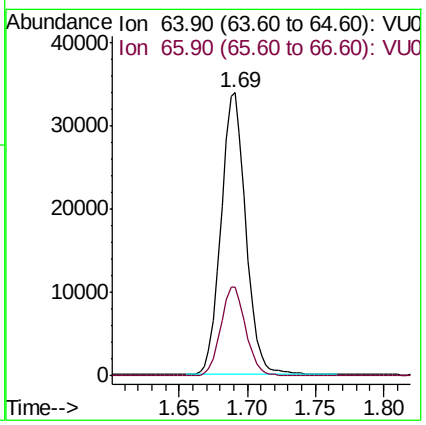


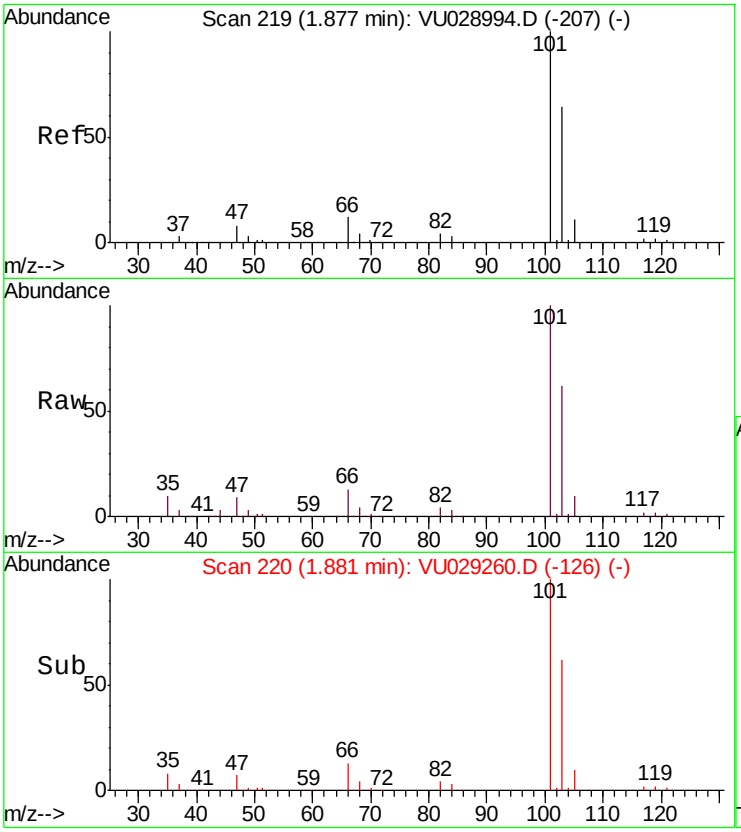




#6
Chloroethane
Concen: 45.645 ug/l
RT: 1.69 min Scan# 161
Delta R.T. 0.01 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion: 64 Resp: 42989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 31.6 | 25.2 | 37.8 |



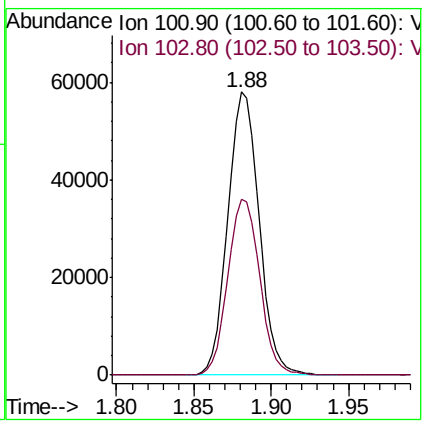


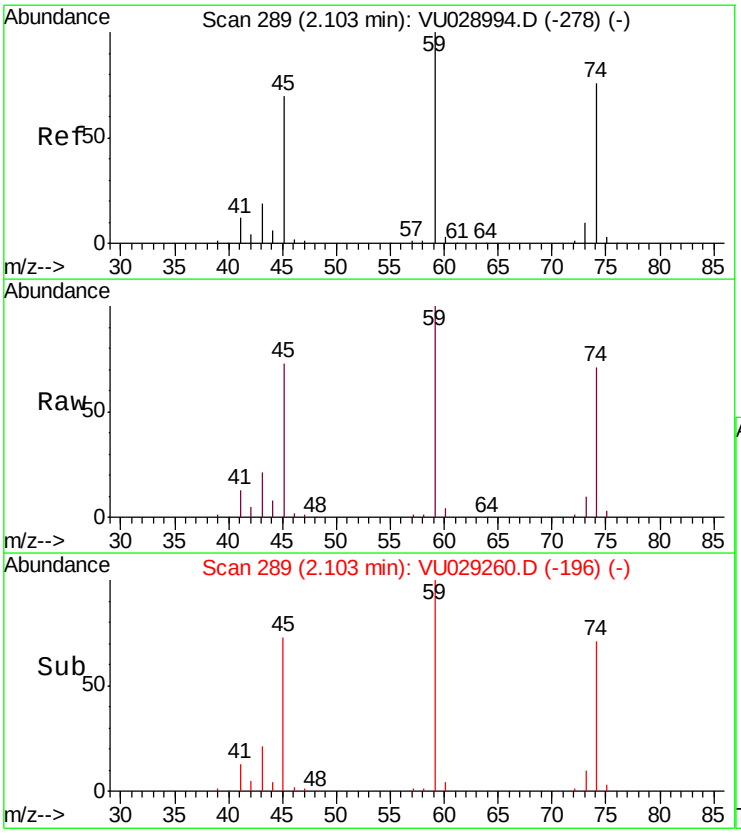

#7
Trichlorofluoromethane
Concen: 47.200 ug/l
RT: 1.88 min Scan# 220
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:101 Resp: 81324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 62.3 | 51.5 | 77.3 |

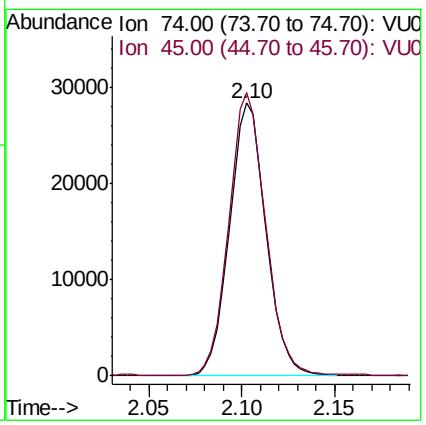


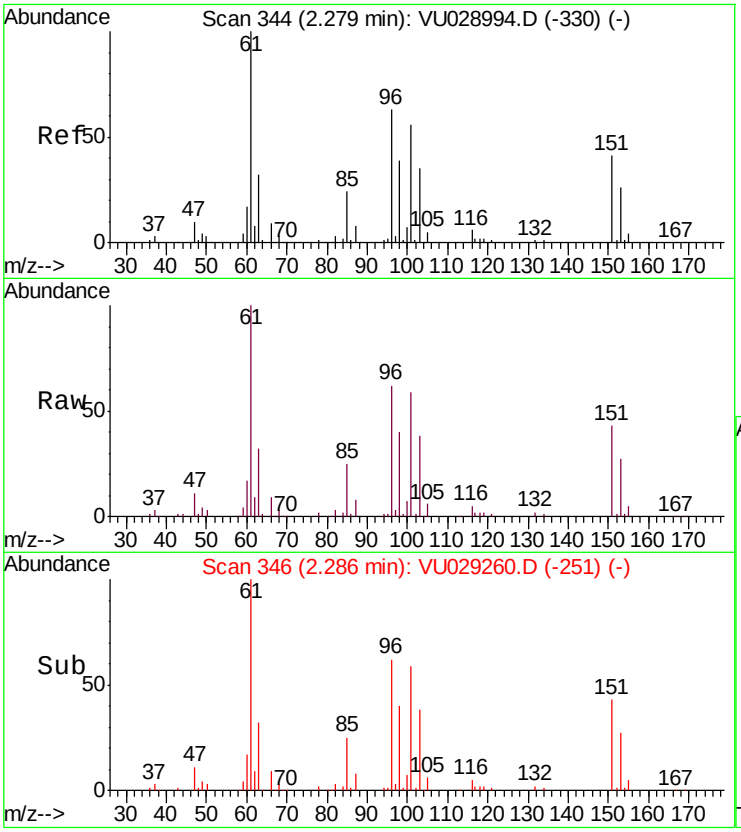




#8
Diethyl Ether
Concen: 46.789 ug/l
RT: 2.10 min Scan# 289
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion: 74 Resp: 38730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 104.4 | 46.9 | 140.6 |



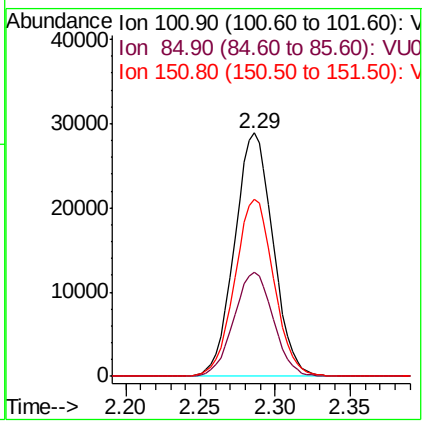


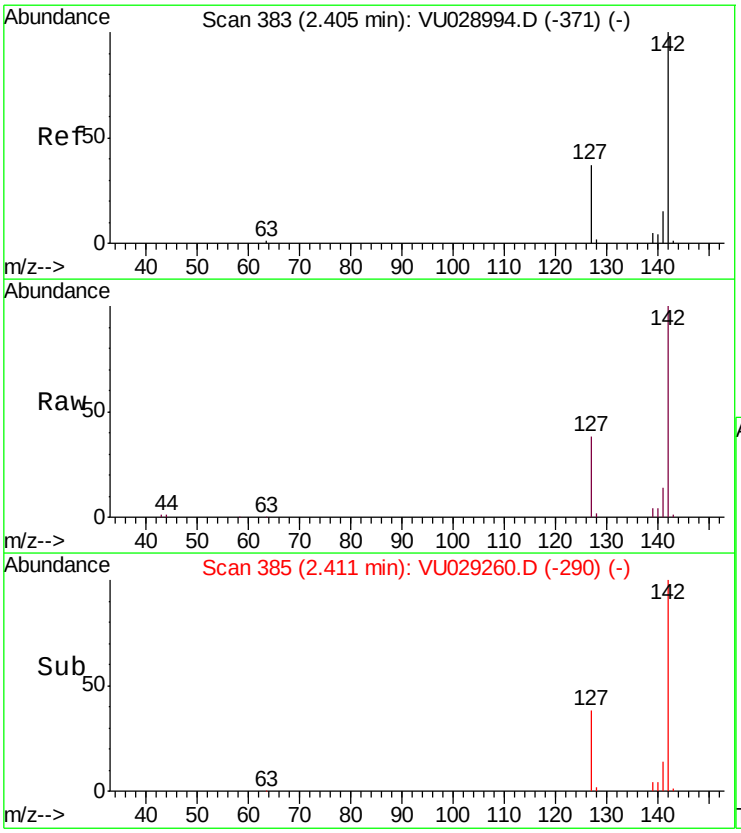

#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.828 ug/l
RT: 2.29 min Scan# 346
Delta R.T. 0.01 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:101 Resp: 51679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 43.6 | 35.1 | 52.7 |
| 151 | 73.9 | 60.2 | 90.2 |

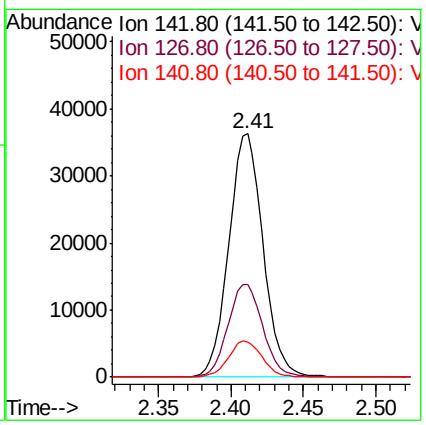


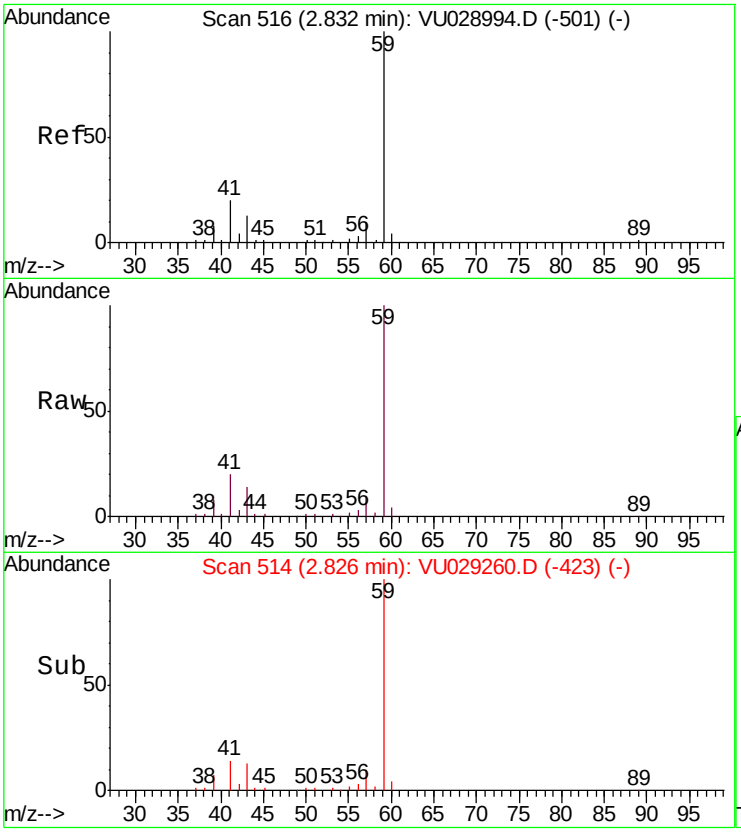




#10
Methyl Iodide
Concen: 54.912 ug/l
RT: 2.41 min Scan# 385
Delta R.T. 0.01 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion:142 Resp: 59523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 38.6 | 29.8 | 44.6 |
| 141 | 14.5 | 11.5 | 17.3 |



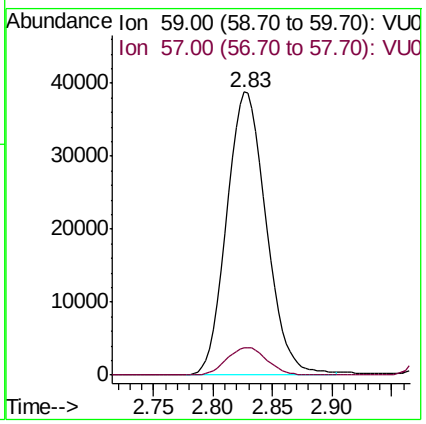


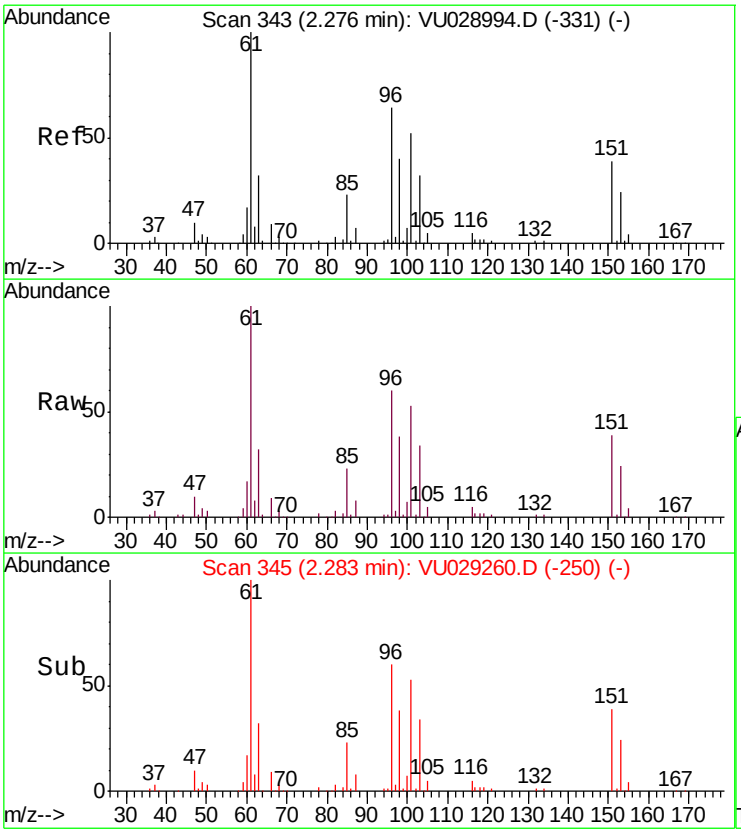

#11
Tert butyl alcohol
Concen: 263.829 ug/l
RT: 2.83 min Scan# 514
Delta R.T. -0.01 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Tgt Ion: 59 Resp: 89693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 9.9 | 7.9 | 11.9 |

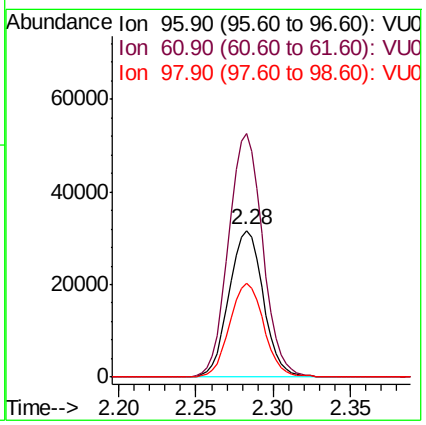


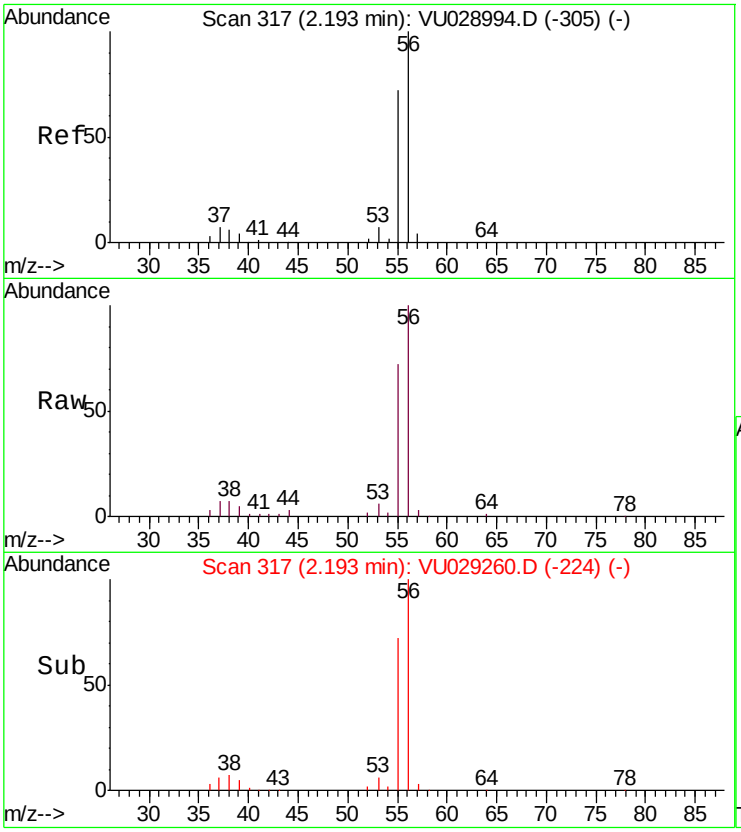




#12
1,1-Dichloroethene
Concen: 43.535 ug/l
RT: 2.28 min Scan# 345
Delta R.T. 0.01 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion: 96 Resp: 48851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 165.9 | 125.4 | 188.0 |
| 98 | 63.7 | 49.7 | 74.5 |



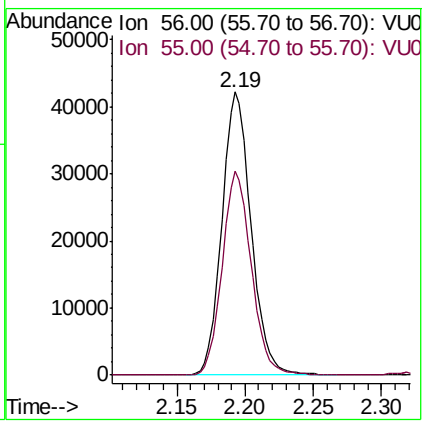


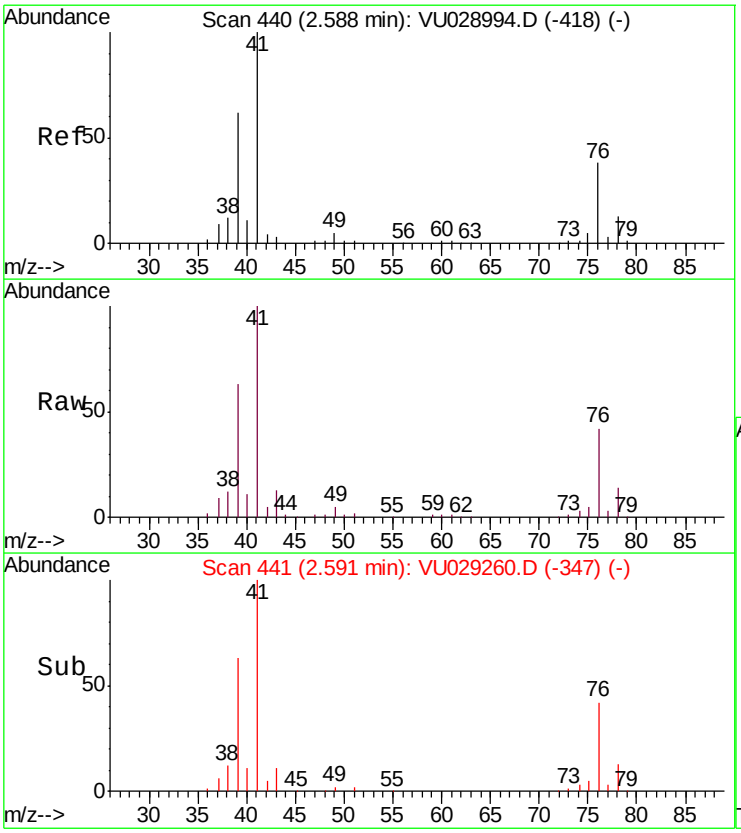

#13
Acrolein
Concen: 246.233 ug/l
RT: 2.19 min Scan# 317
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 56 Resp: 62858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 71.6 | 56.5 | 84.7 |

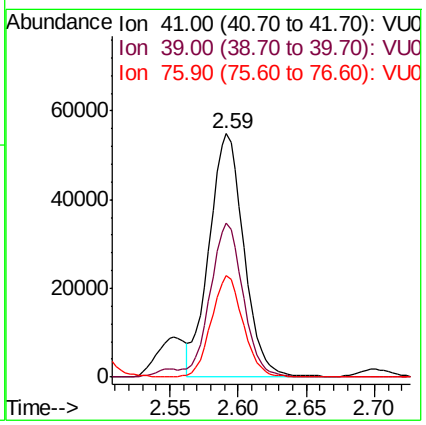


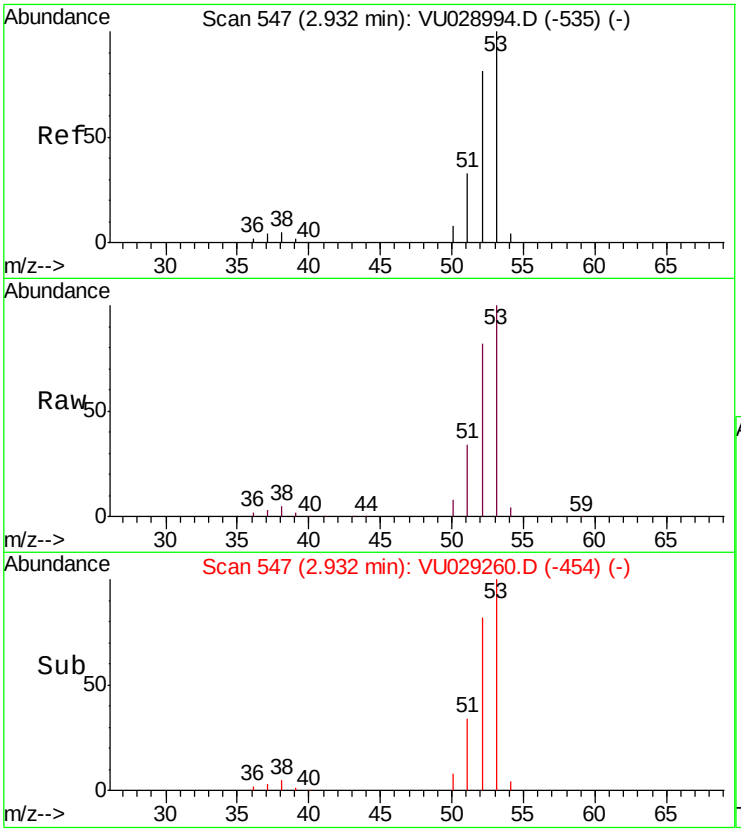




#14
Allyl chloride
Concen: 46.944 ug/l
RT: 2.59 min Scan# 441
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion: 41 Resp: 96652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 60.5 | 45.0 | 67.6 |
| 76 | 38.4 | 28.1 | 42.1 |



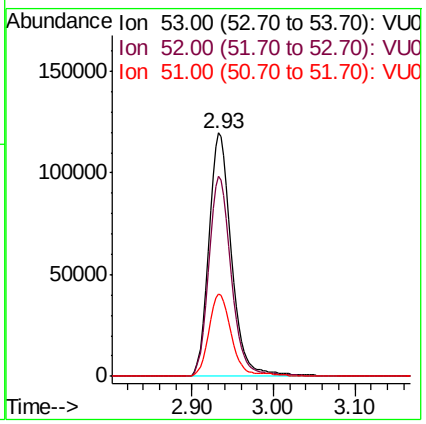


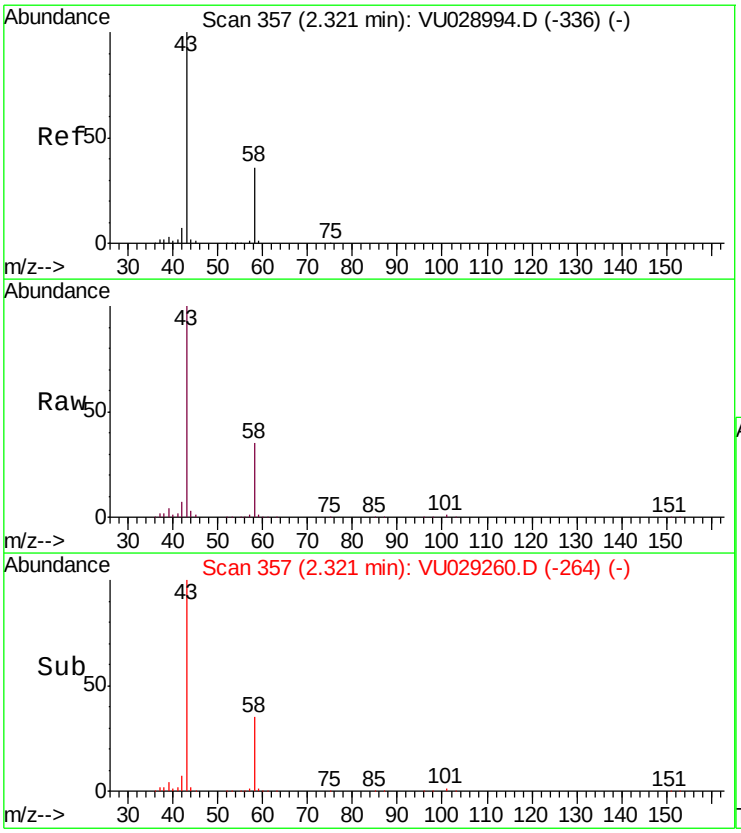

#15
Acrylonitrile
Concen: 282.620 ug/l
RT: 2.93 min Scan# 547
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 53 Resp: 235721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 81.7 | 64.8 | 97.2 |
| 51 | 33.0 | 27.3 | 40.9 |

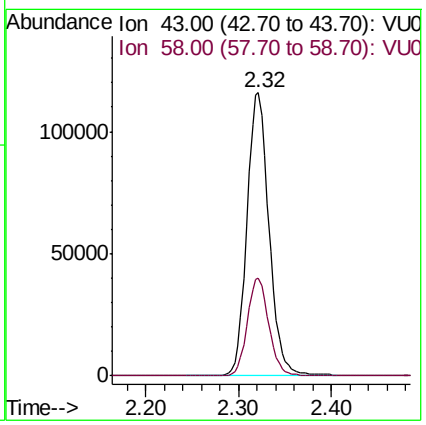


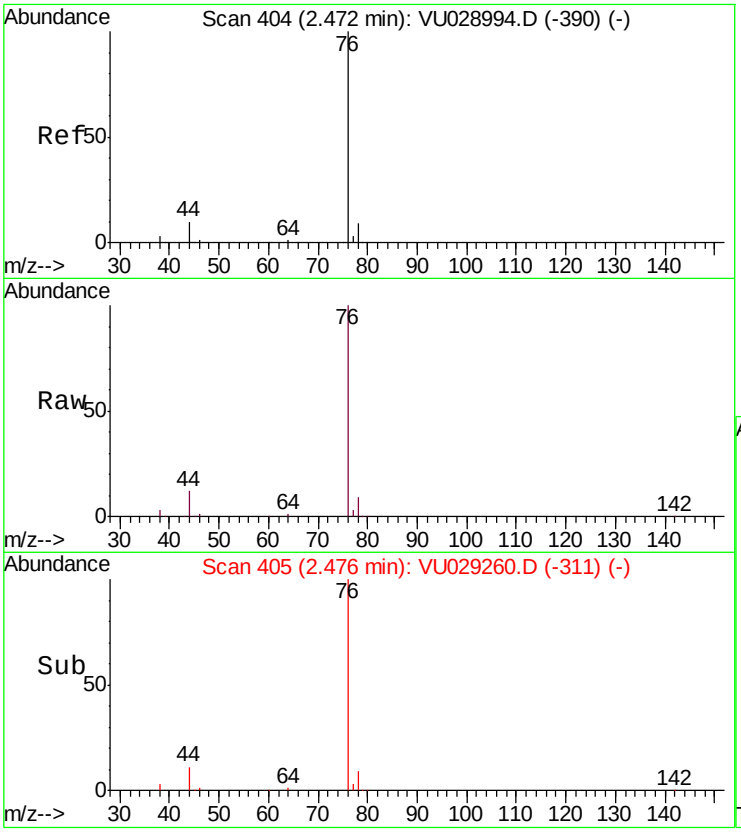




#16
Acetone
Concen: 227.372 ug/l
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion: 43 Resp: 191574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 34.4 | 28.6 | 42.8 |



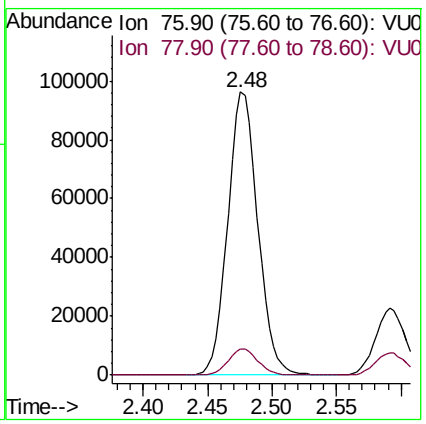


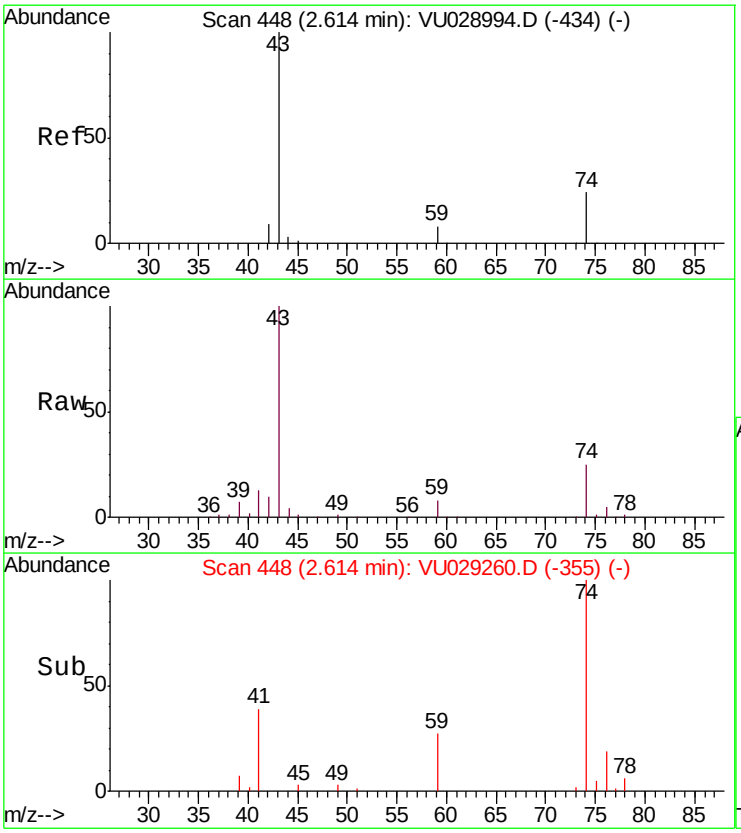

#17
Carbon Disulfide
Concen: 41.857 ug/l
RT: 2.48 min Scan# 405
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Tgt Ion: 76 Resp: 155870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.1 | 7.2 | 10.8 |

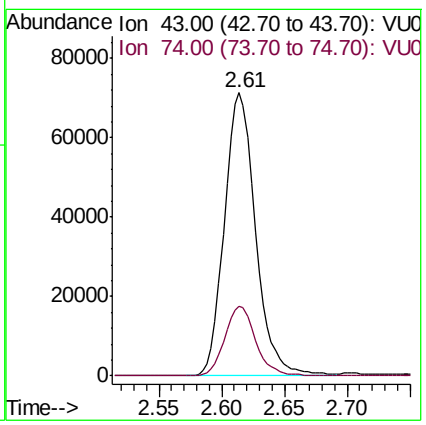


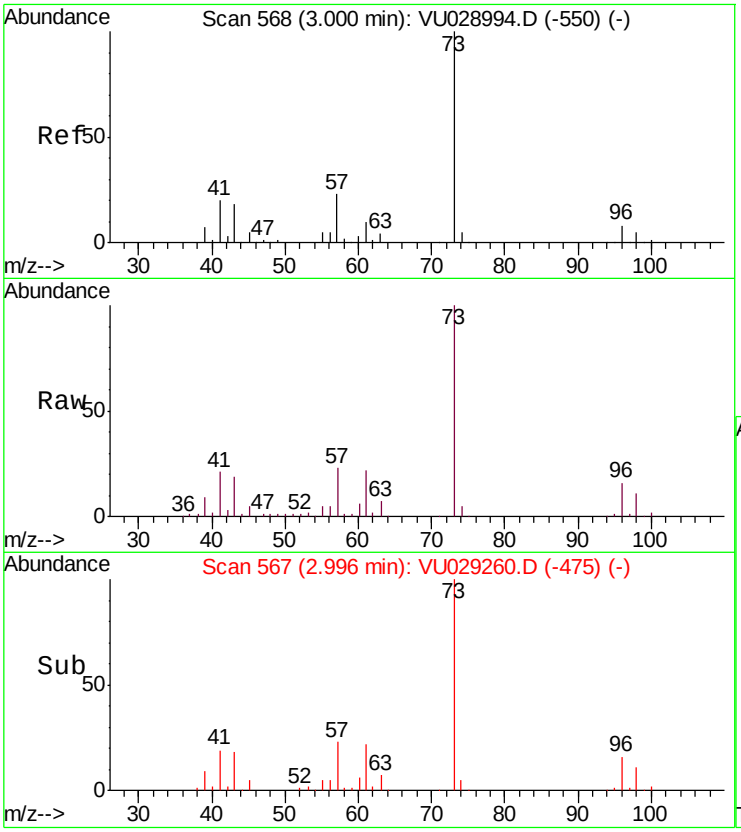




#18
Methyl Acetate
Concen: 62.997 ug/l
RT: 2.61 min Scan# 448
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion: 43 Resp: 123417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 24.4 | 19.5 | 29.3 |



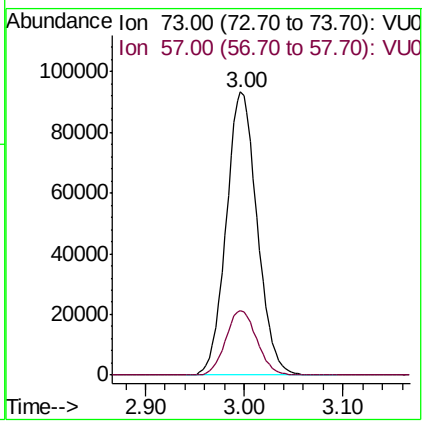


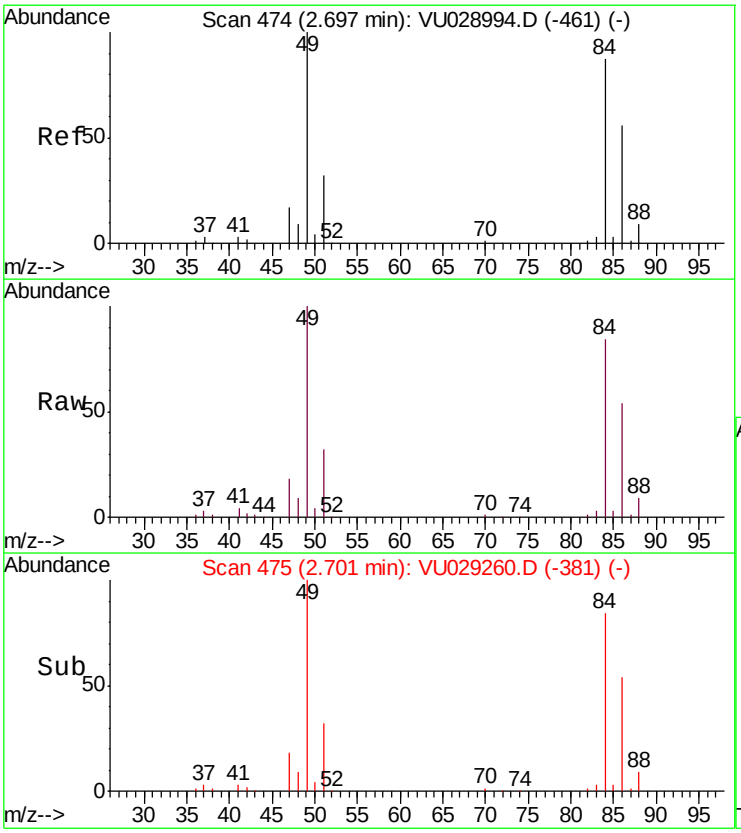

#19
Methyl tert-butyl Ether
Concen: 51.643 ug/l
RT: 3.00 min Scan# 567
Delta R.T. -0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 73 Resp: 203735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 22.7 | 18.6 | 28.0 |

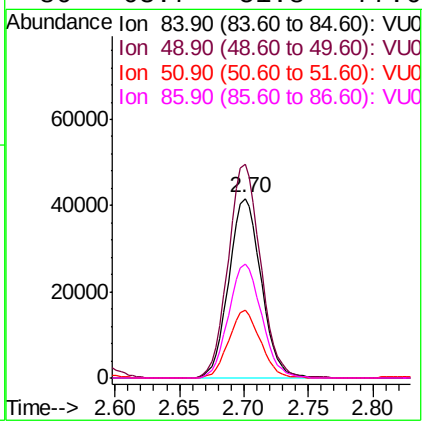


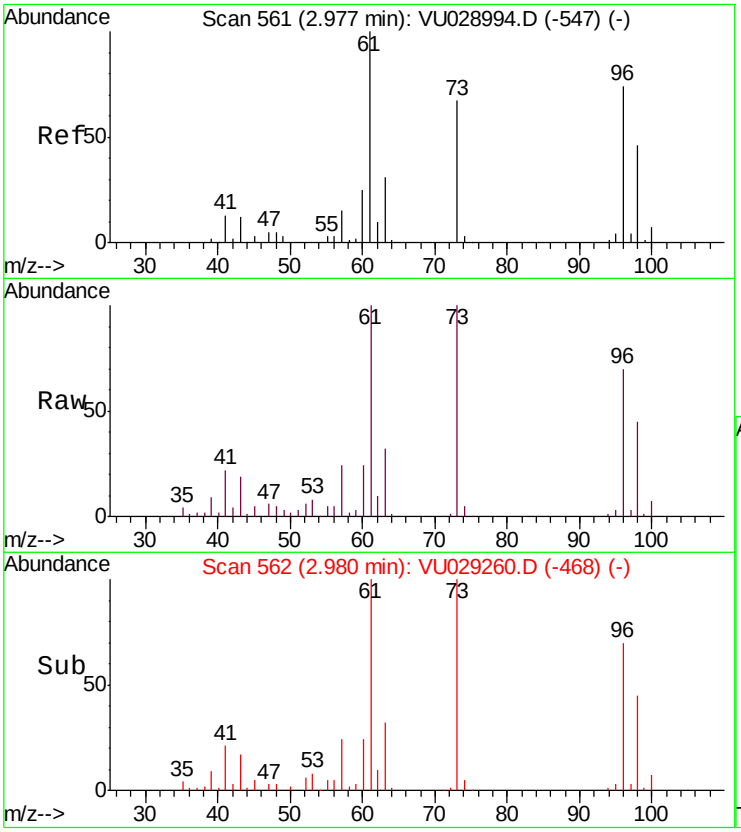




#20
Methylene Chloride
Concen: 50.839 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion: 84 Resp: 72726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 118.8 | 91.9 | 137.9 |
| 51 | 37.4 | 29.2 | 43.8 |
| 86 | 63.7 | 51.8 | 77.6 |



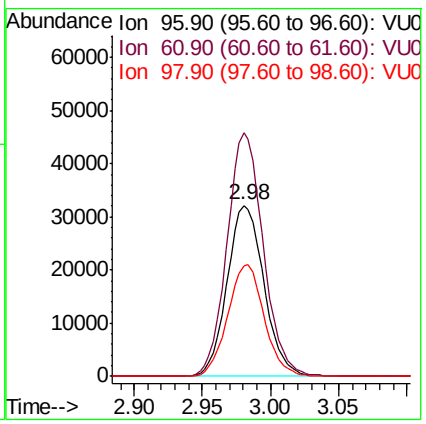


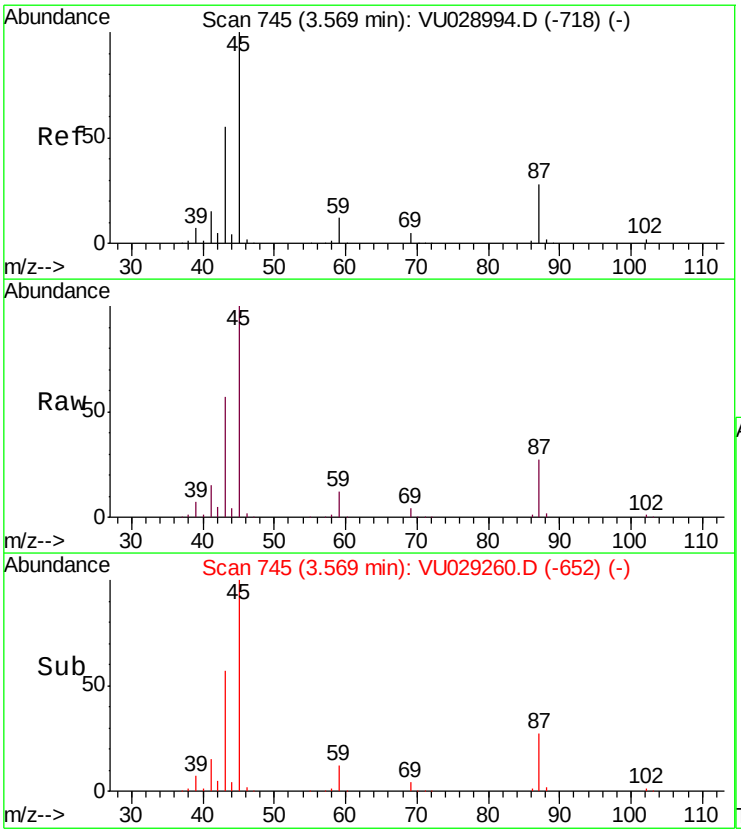

#21
trans-1,2-Dichloroethene
Concen: 46.248 ug/l
RT: 2.98 min Scan# 562
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 96 Resp: 60293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 142.4 | 107.7 | 161.5 |
| 98 | 64.8 | 49.2 | 73.8 |

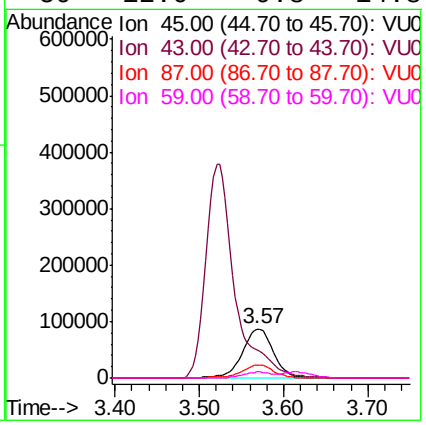


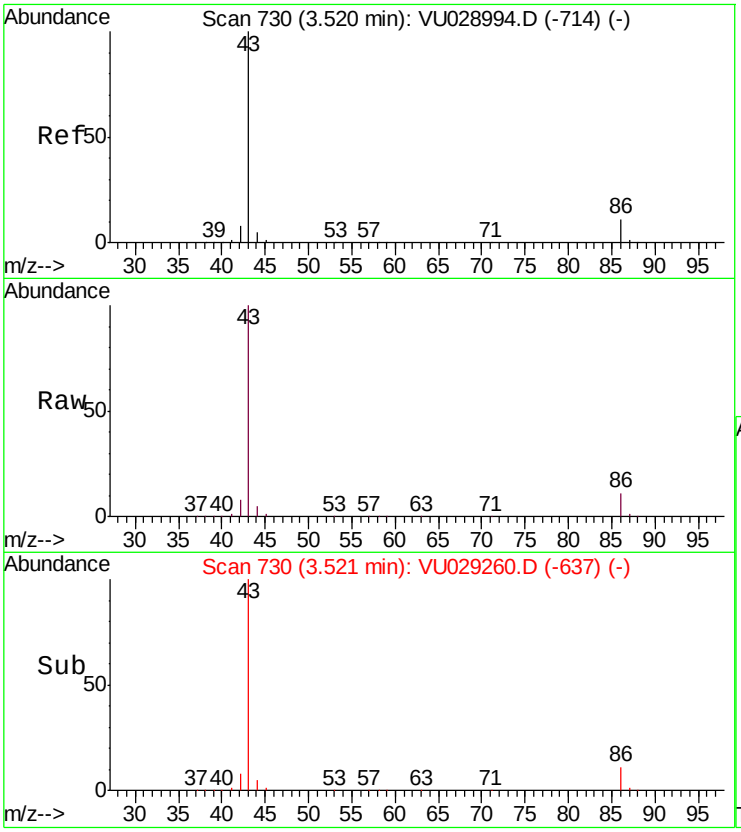




#22
Diisopropyl ether
Concen: 54.519 ug/l
RT: 3.57 min Scan# 745
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion: 45 Resp: 221846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 56.5 | 44.7 | 67.1 |
| 87 | 26.7 | 22.2 | 33.2 |
| 59 | 12.0 | 9.8 | 14.8 |



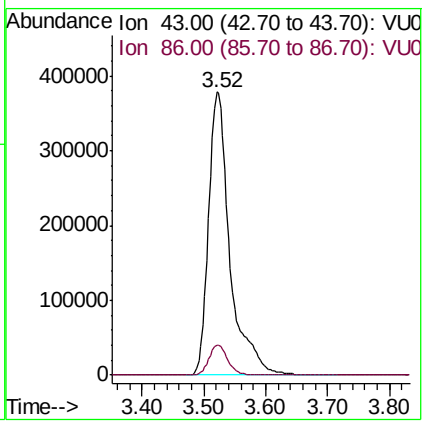


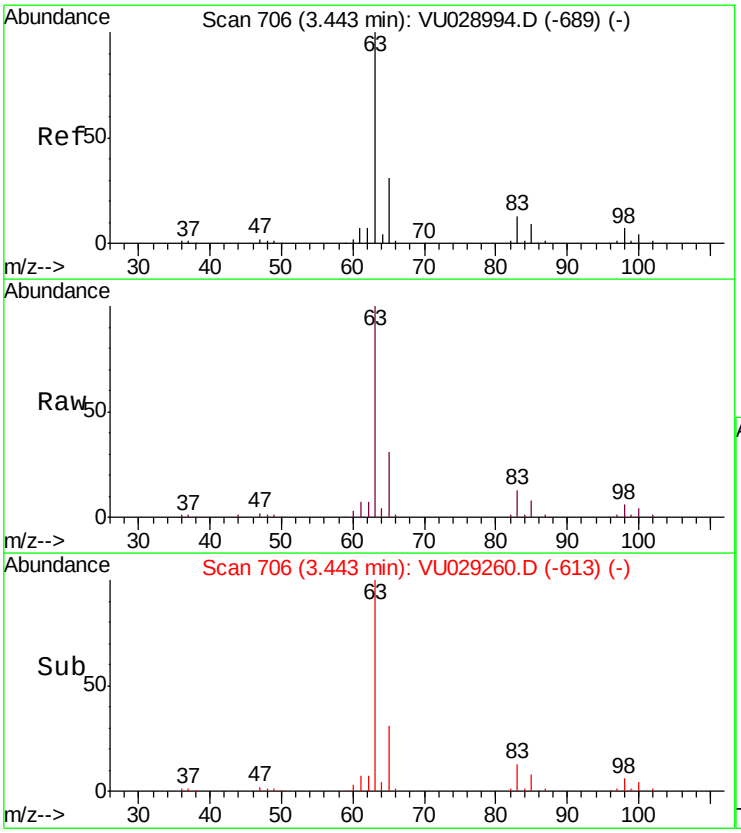

#23
Vinyl Acetate
Concen: 272.962 ug/l
RT: 3.52 min Scan# 730
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Tgt Ion: 43 Resp: 908019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 10.5 | 8.6 | 13.0 |

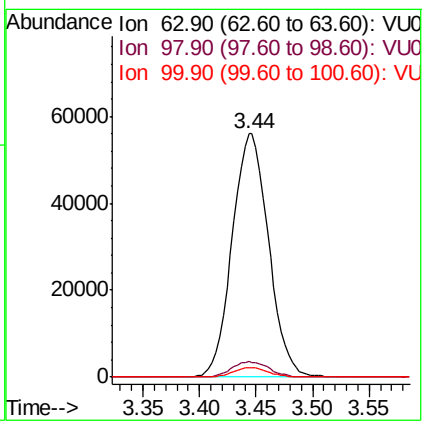


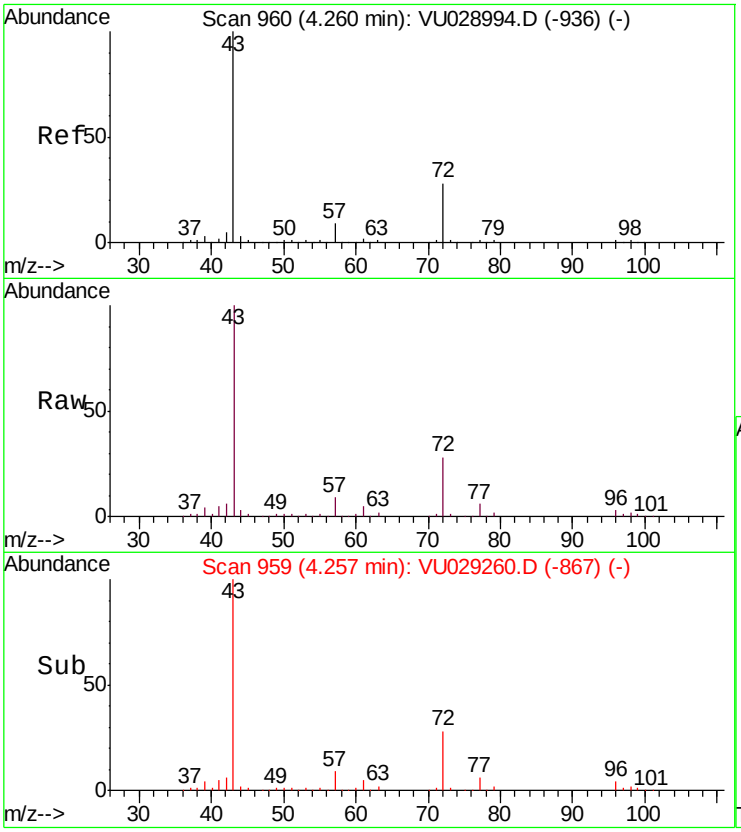




#24
1,1-Dichloroethane
Concen: 53.440 ug/l
RT: 3.44 min Scan# 706
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion: 63 Resp: 125531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.3 | 3.4 | 10.1 |
| 100 | 3.8 | 2.0 | 5.8 |



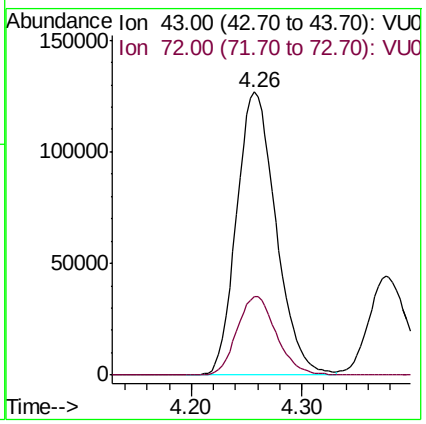


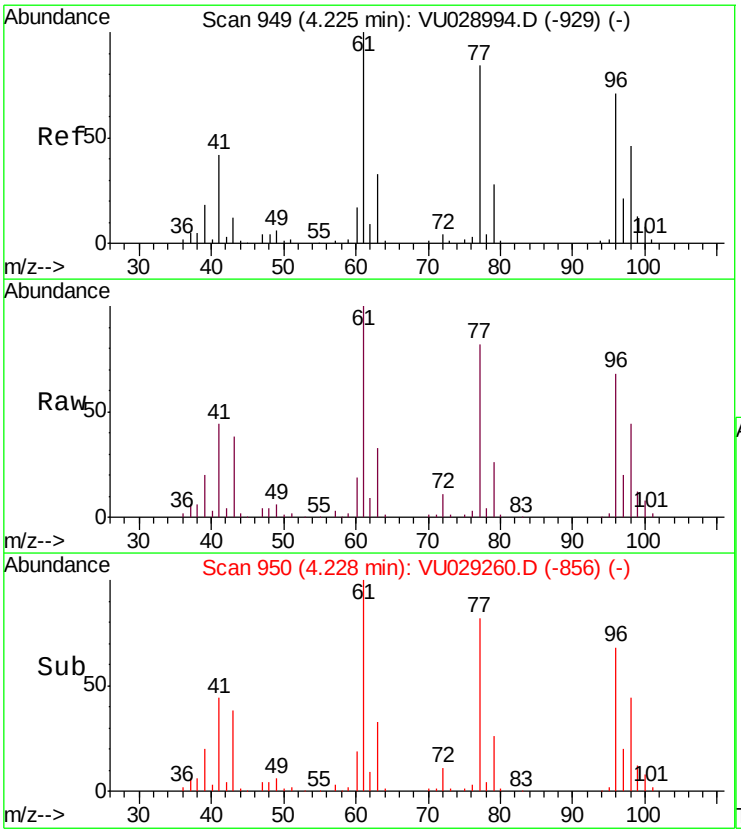

#25
2-Butanone
Concen: 274.720 ug/l
RT: 4.26 min Scan# 959
Delta R.T. -0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 43 Resp: 312631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 27.7 | 22.6 | 33.8 |

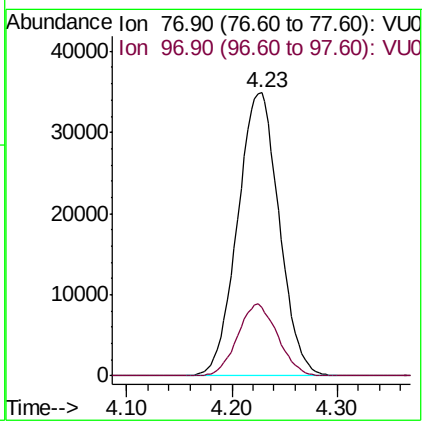


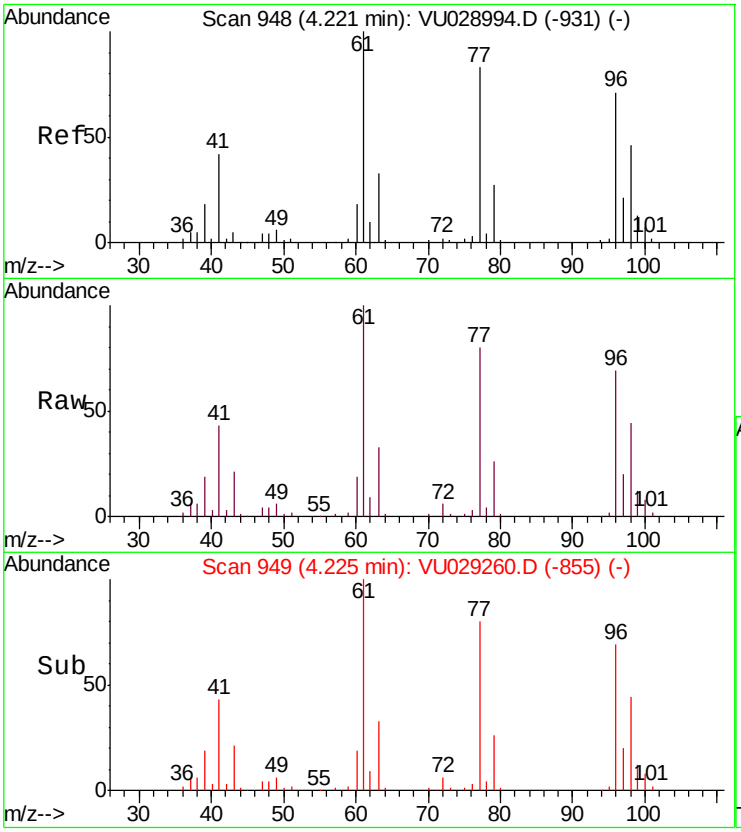




#26
2,2-Dichloropropane
Concen: 50.382 ug/l
RT: 4.23 min Scan# 950
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion: 77 Resp: 95627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 24.5 | 12.0 | 36.1 |



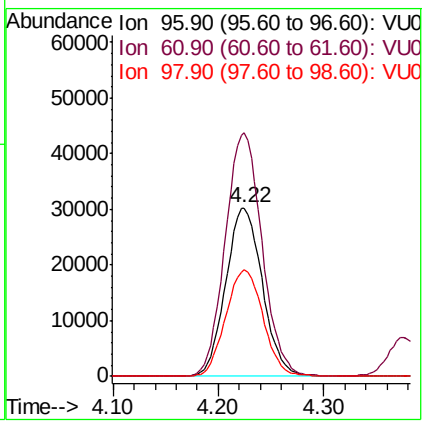


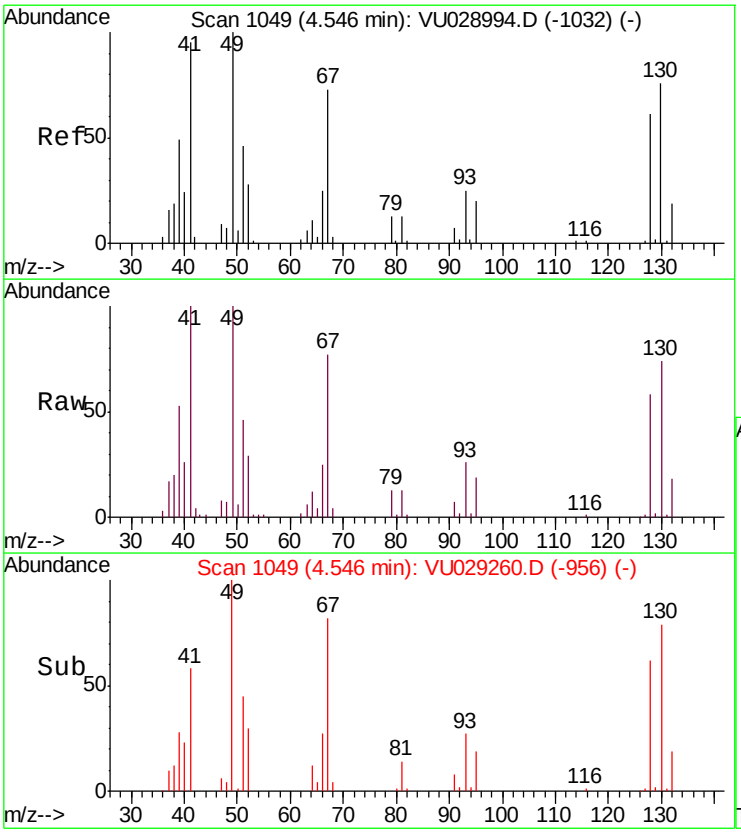

#27
cis-1,2-Dichloroethene
Concen: 51.081 ug/l
RT: 4.22 min Scan# 949
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 96 Resp: 72835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 145.6 | 0.0 | 285.6 |
| 98 | 64.4 | 0.0 | 130.2 |

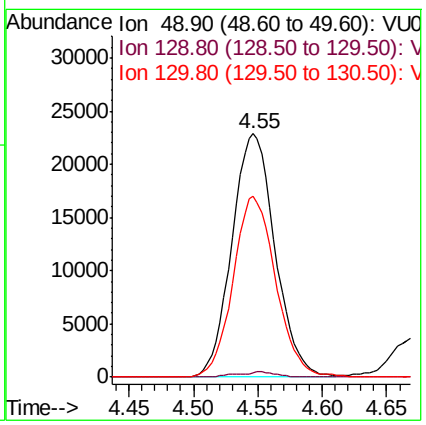


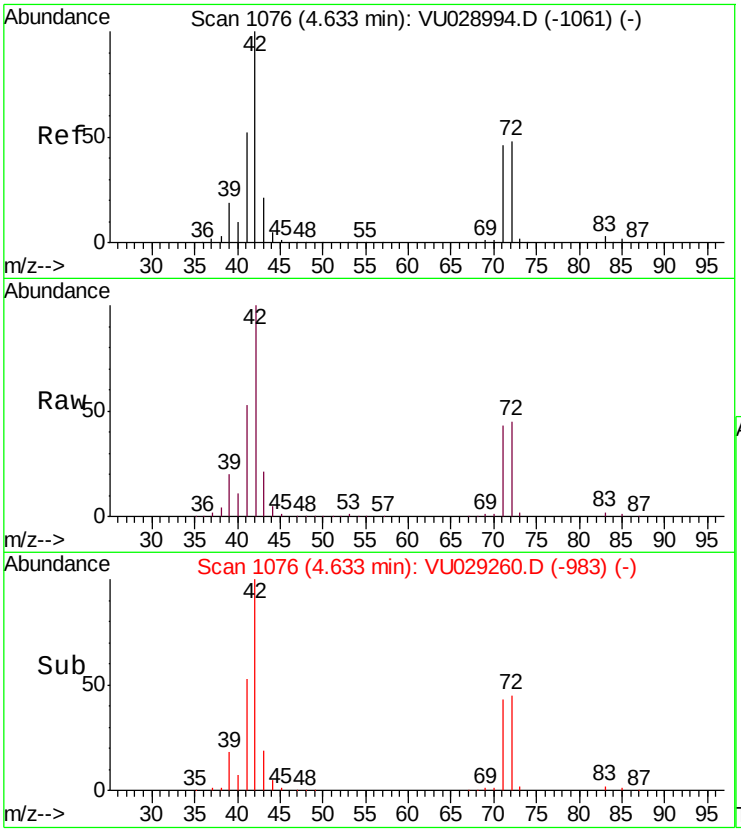




#28
Bromochloromethane
Concen: 52.856 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion: 49 Resp: 53164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.9 | 0.0 | 3.4 |
| 130 | 73.7 | 62.9 | 94.3 |



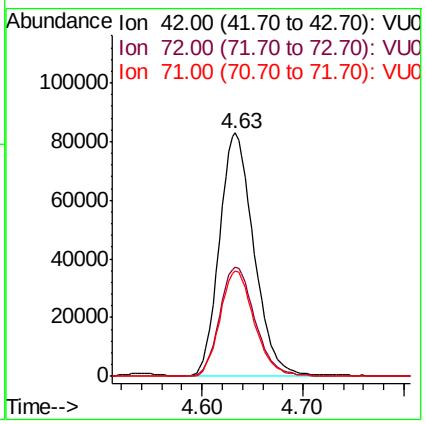


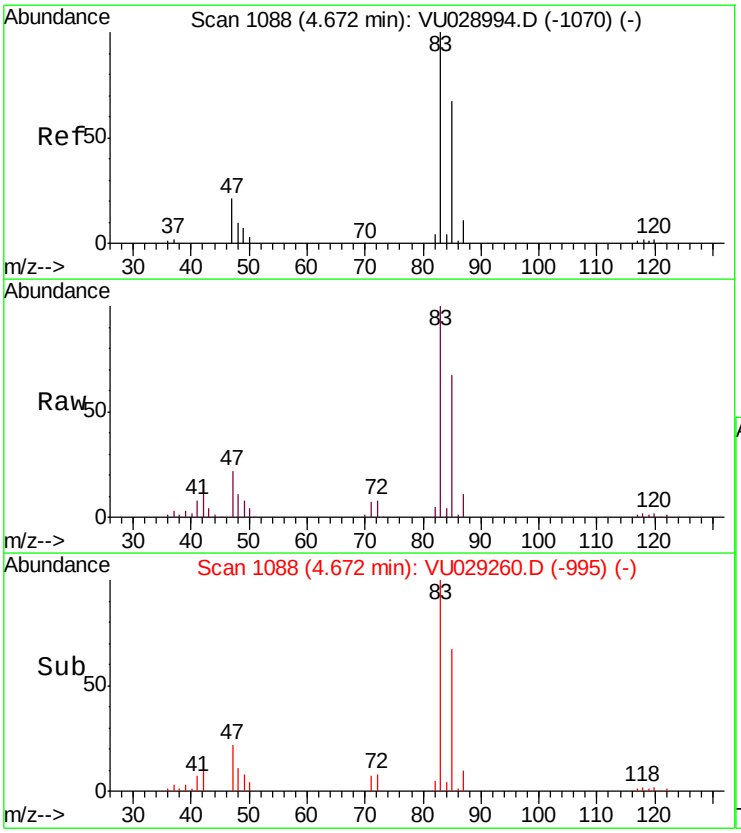

#29
Tetrahydrofuran
Concen: 284.939 ug/l
RT: 4.63 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 42 Resp: 196669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 46.4 | 38.3 | 57.5 |
| 71 | 43.2 | 36.1 | 54.1 |

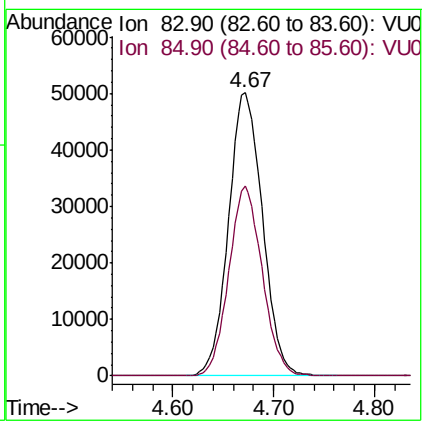


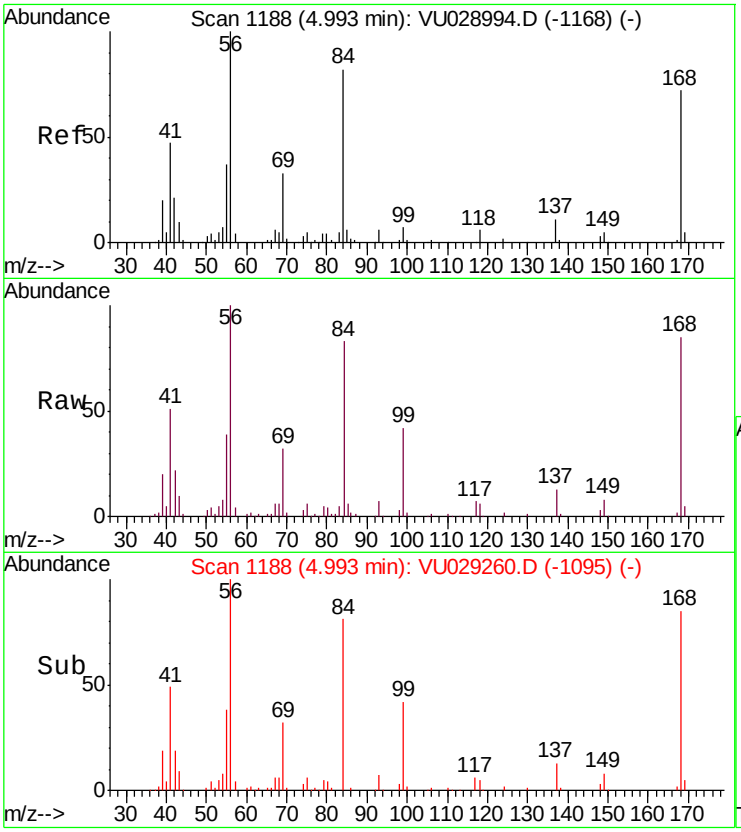




#30
Chloroform
Concen: 52.450 ug/l
RT: 4.67 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion: 83 Resp: 117351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 67.1 | 53.4 | 80.0 |



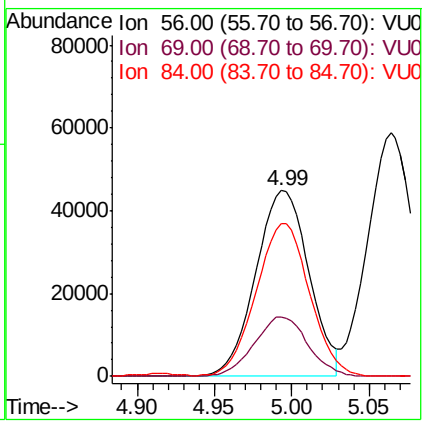


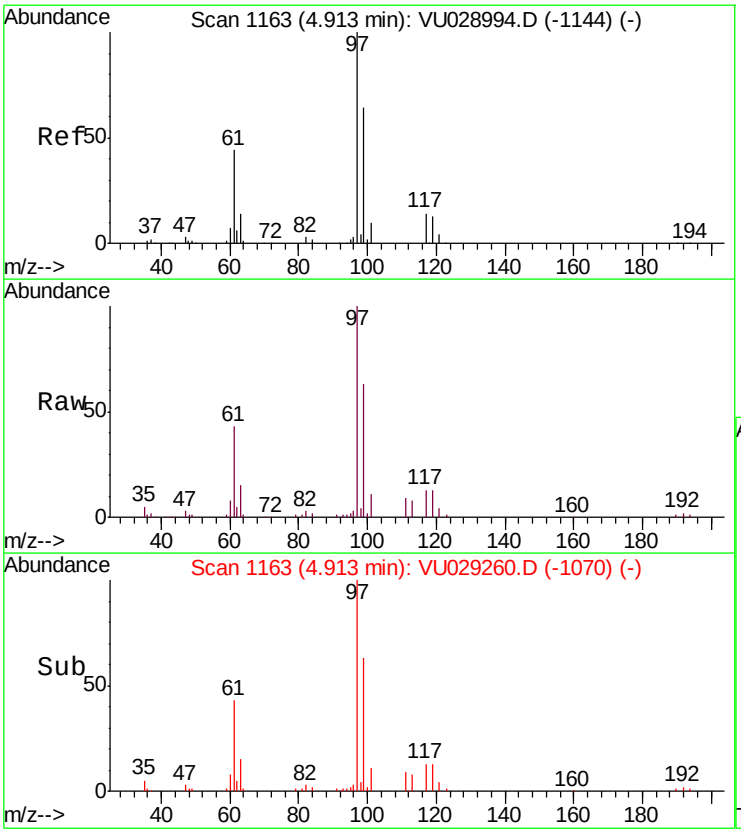

#31
Cyclohexane
Concen: 48.387 ug/l
RT: 4.99 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 56 Resp: 107375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 32.3 | 26.7 | 40.1 |
| 84 | 81.9 | 65.7 | 98.5 |

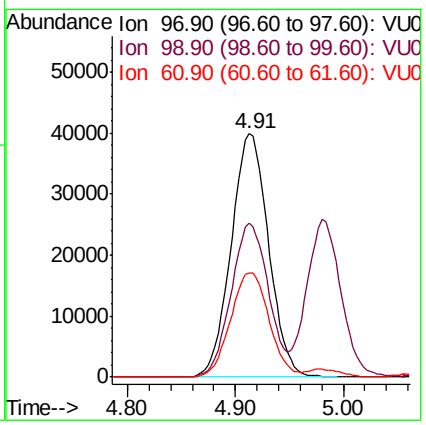


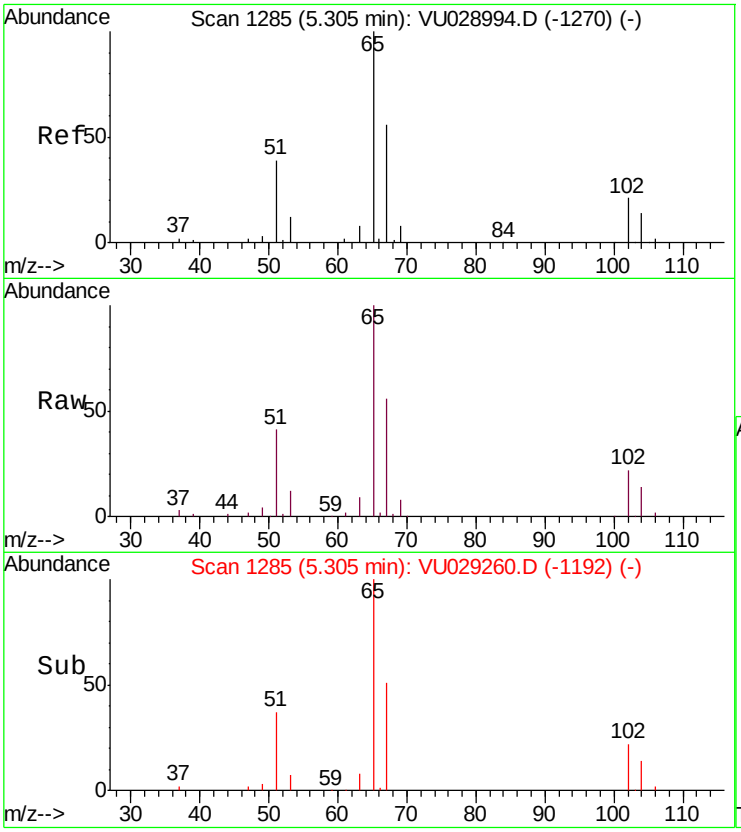




#32
1,1,1-Trichloroethane
Concen: 52.114 ug/l
RT: 4.91 min Scan# 1163
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion: 97 Resp: 96344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.1 | 51.0 | 76.4 |
| 61 | 44.2 | 34.4 | 51.6 |



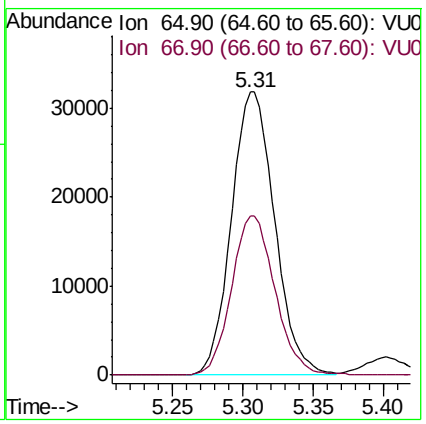


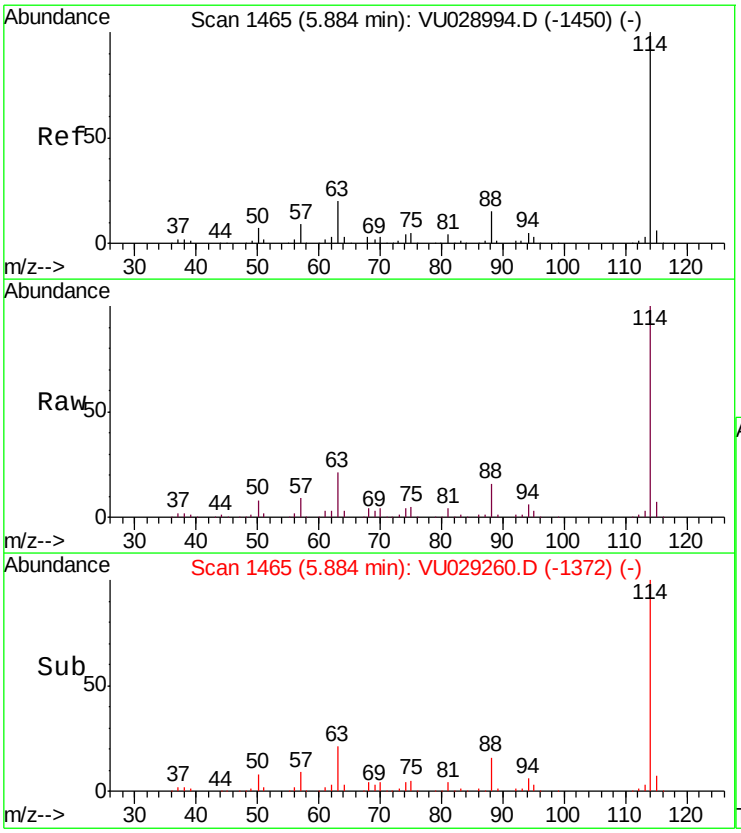

#33
1,2-Dichloroethane-d4
Concen: 51.160 ug/l
RT: 5.31 min Scan# 1285
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 65 Resp: 68425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 56.2 | 0.0 | 111.0 |

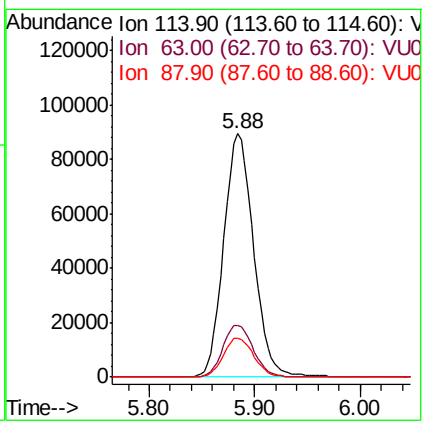


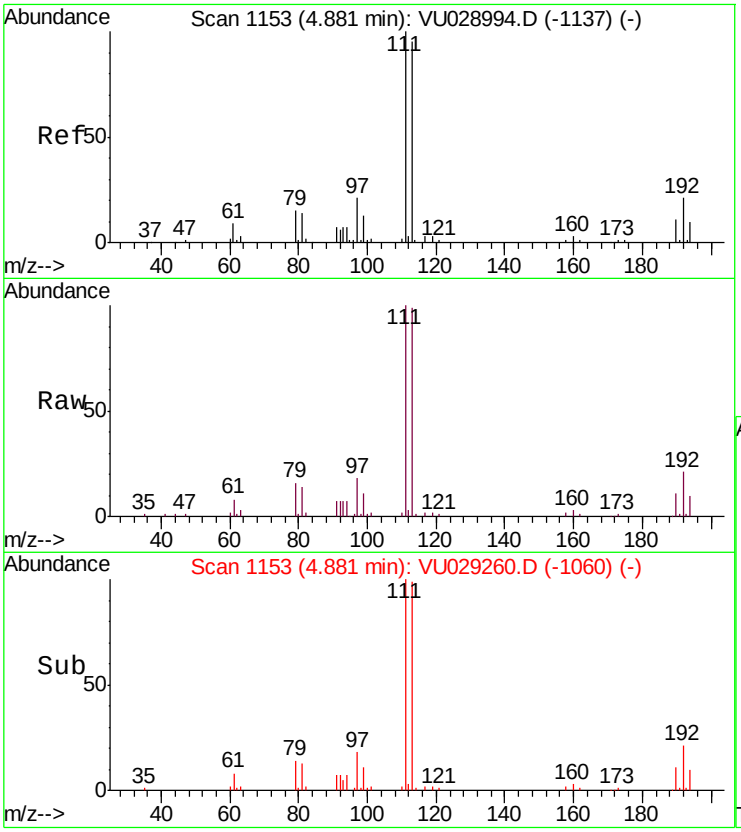




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1465
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion:114 Resp: 175900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.3 | 0.0 | 40.2 |
| 88 | 16.1 | 0.0 | 30.4 |



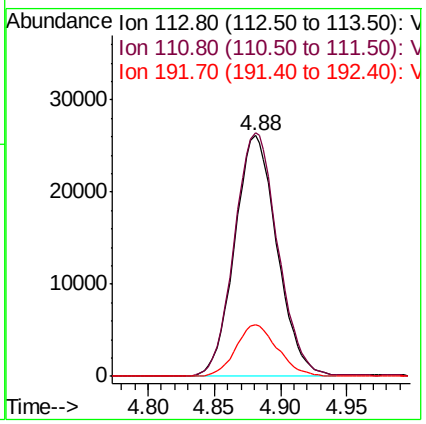


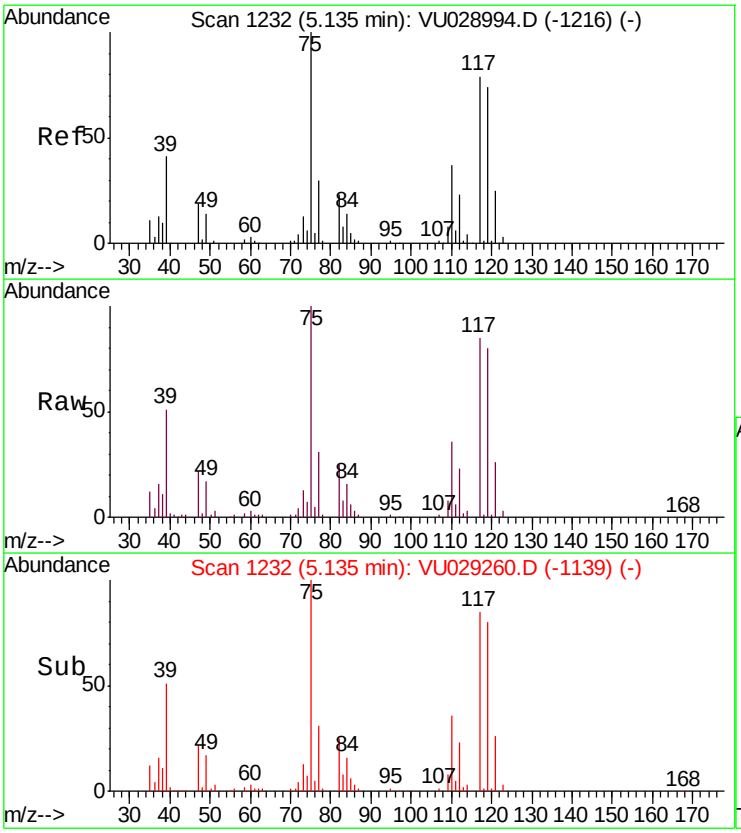

#35
Dibromofluoromethane
Concen: 51.000 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:113 Resp: 58152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.6 | 81.4 | 122.2 |
| 192 | 21.1 | 16.8 | 25.2 |

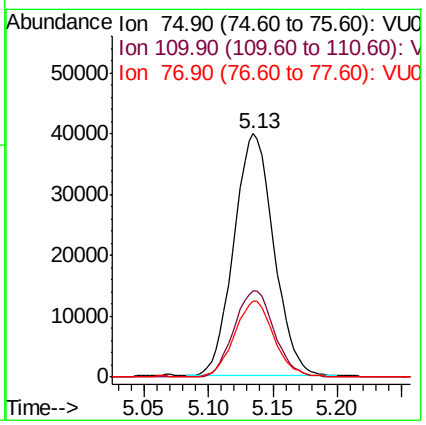


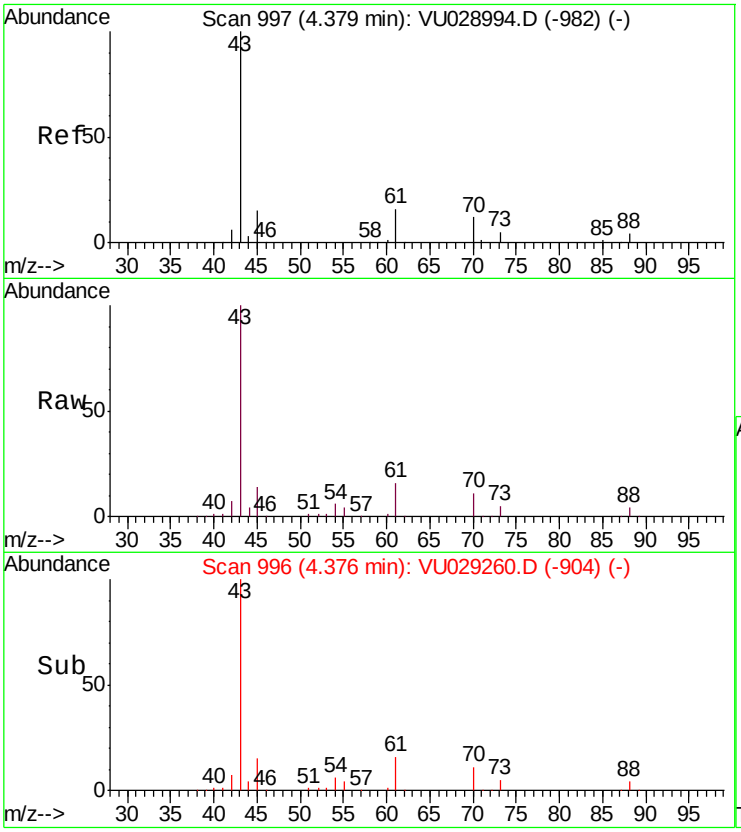




#36
1,1-Dichloropropene
Concen: 48.858 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion: 75 Resp: 85902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 35.9 | 18.4 | 55.4 |
| 77 | 31.3 | 25.1 | 37.7 |



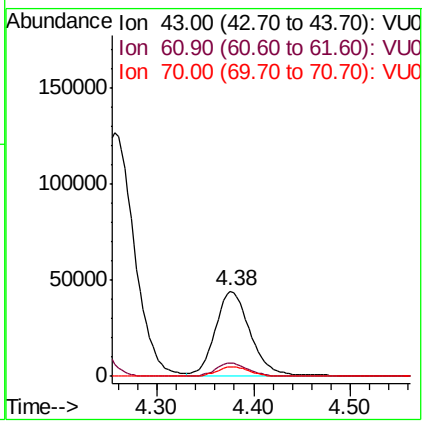


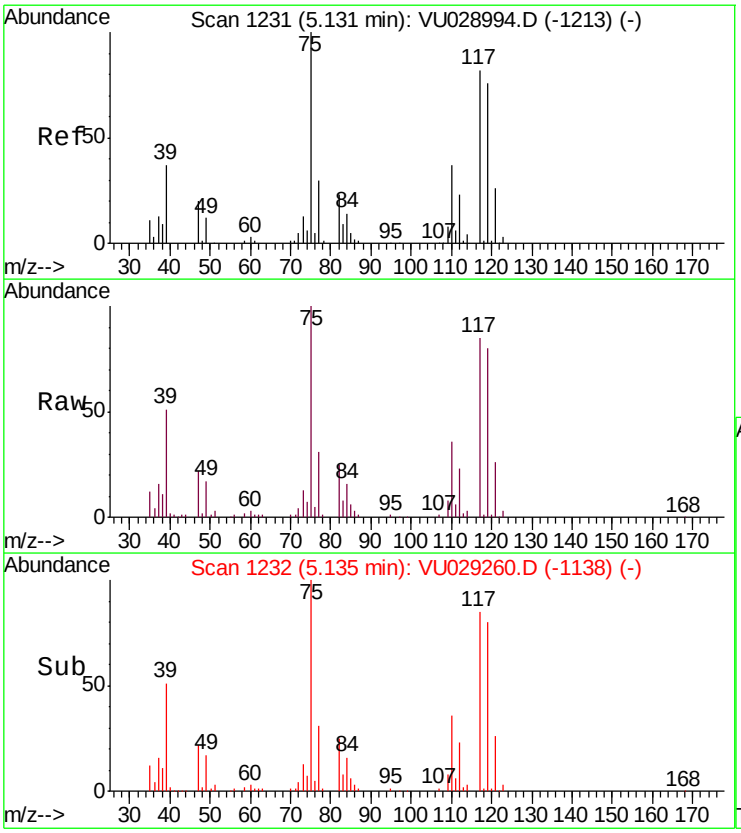

#37
Ethyl Acetate
Concen: 56.592 ug/l
RT: 4.38 min Scan# 996
Delta R.T. -0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 43 Resp: 109217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.4 | 12.6 | 18.8 |
| 70 | 10.9 | 9.3 | 13.9 |

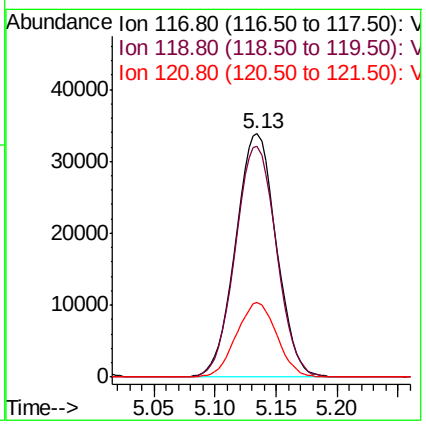


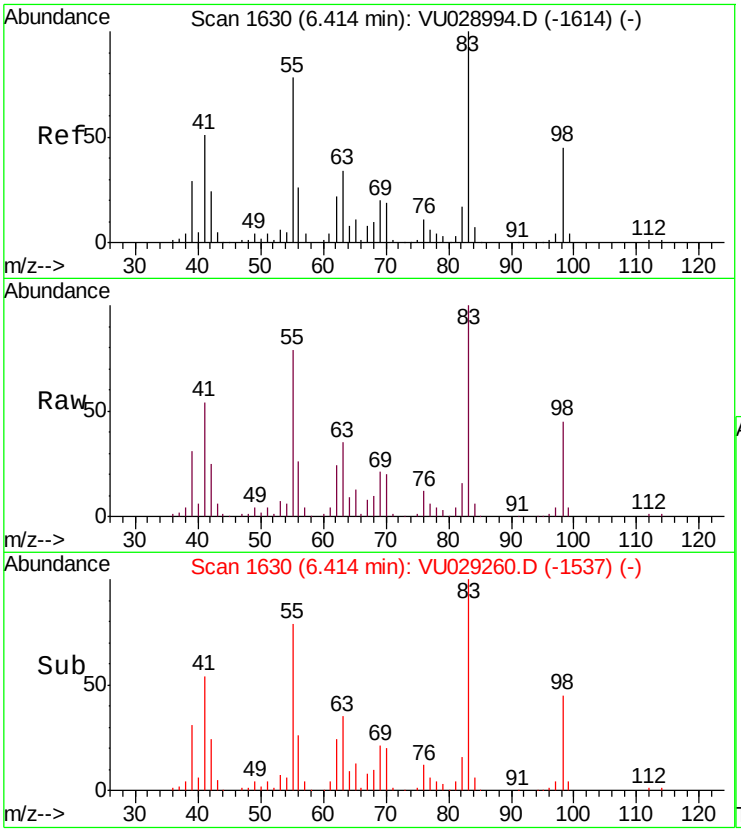




#38
Carbon Tetrachloride
Concen: 53.317 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion:117 Resp: 78185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.8 | 74.6 | 111.8 |
| 121 | 30.7 | 25.0 | 37.6 |



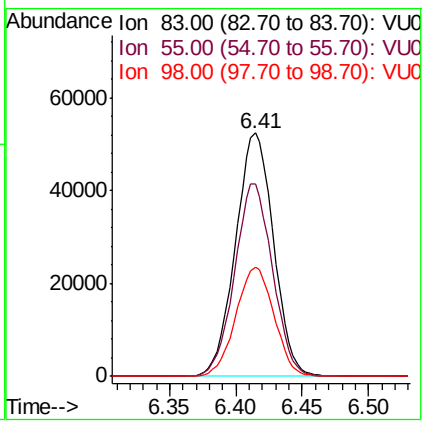


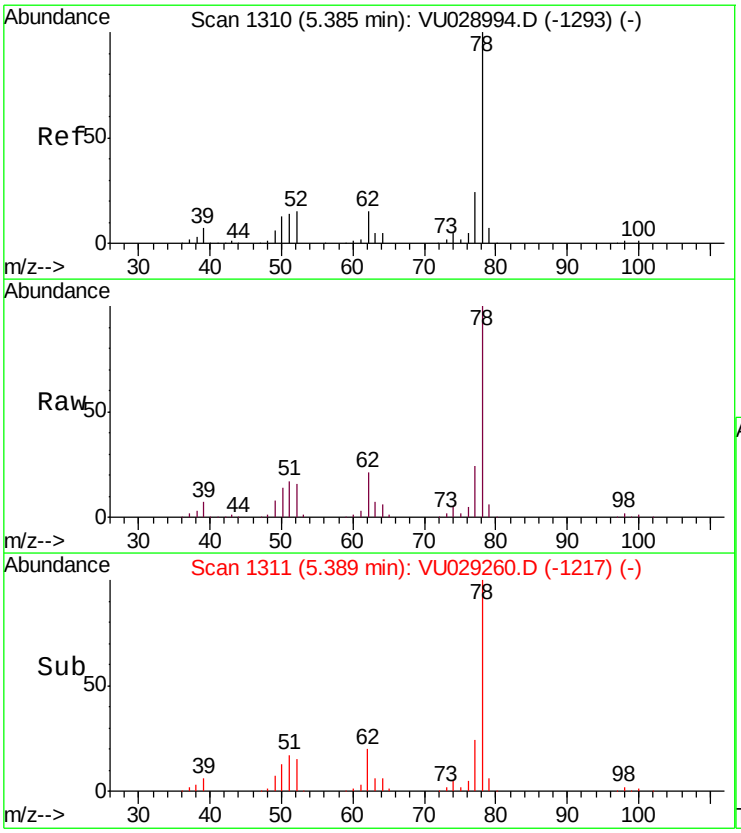

#39
Methylcyclohexane
Concen: 48.361 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 83 Resp: 104532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 79.3 | 62.4 | 93.6 |
| 98 | 44.8 | 36.2 | 54.2 |

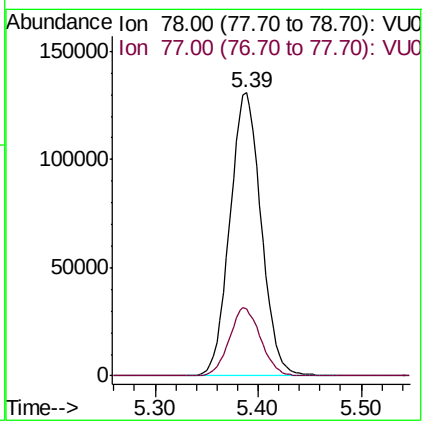


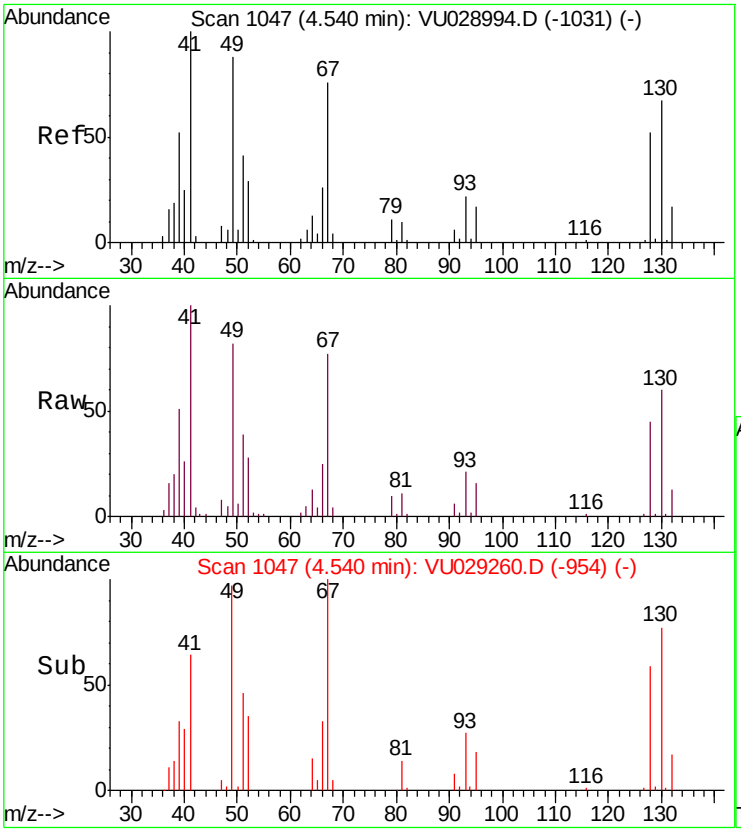




#40
Benzene
Concen: 50.399 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion: 78 Resp: 276403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.6 | 18.9 | 28.3 |



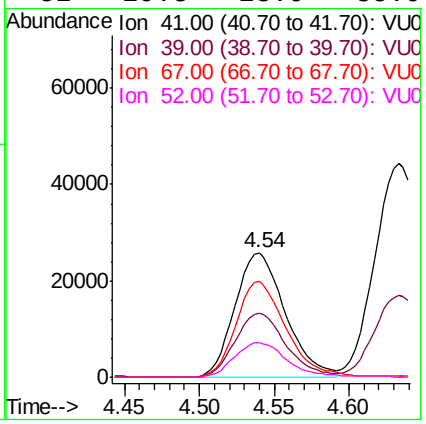


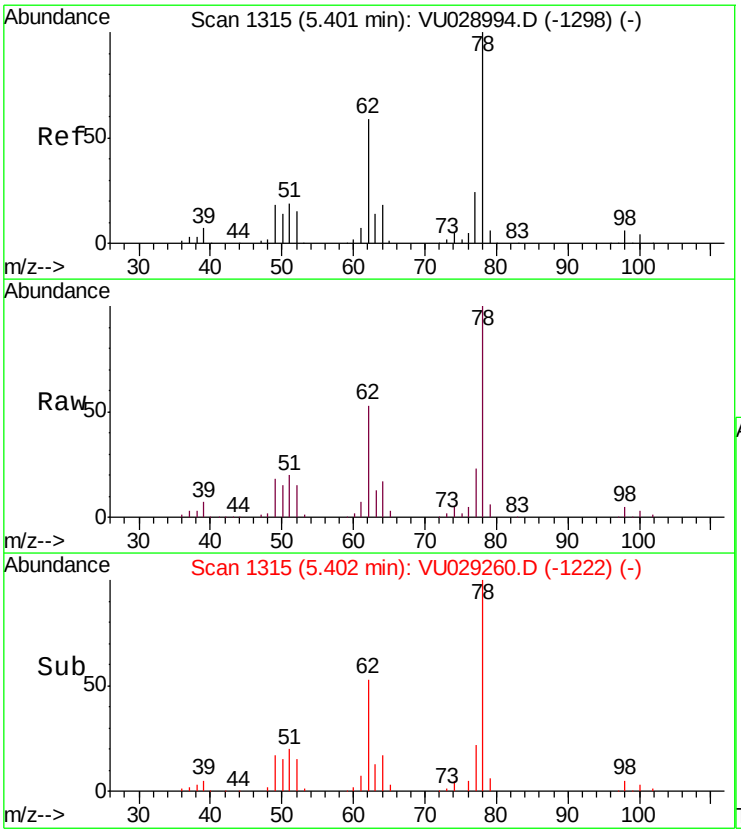

#41
Methacrylonitrile
Concen: 58.684 ug/l
RT: 4.54 min Scan# 1047
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 41 Resp: 60623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 51.8 | 42.3 | 63.5 |
| 67 | 77.1 | 64.4 | 96.6 |
| 52 | 29.3 | 23.9 | 35.9 |

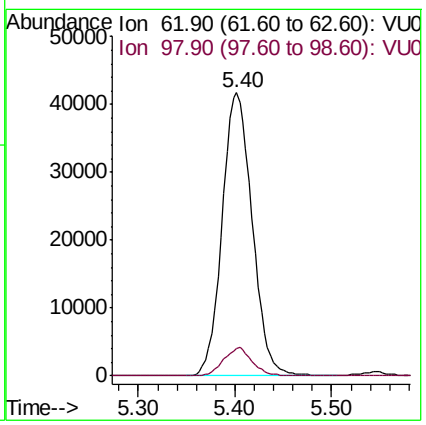


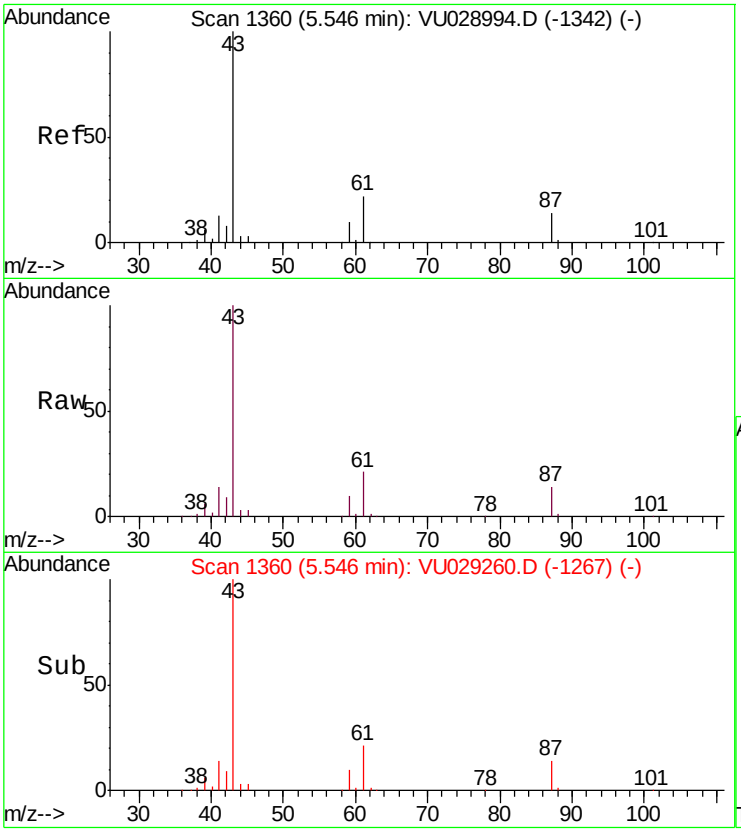




#42
1,2-Dichloroethane
Concen: 54.652 ug/l
RT: 5.40 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion: 62 Resp: 90066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 9.5 | 0.0 | 19.6 |



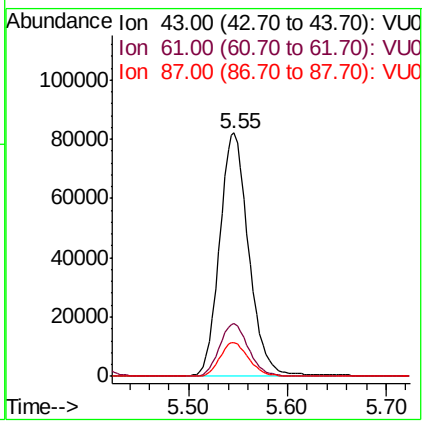


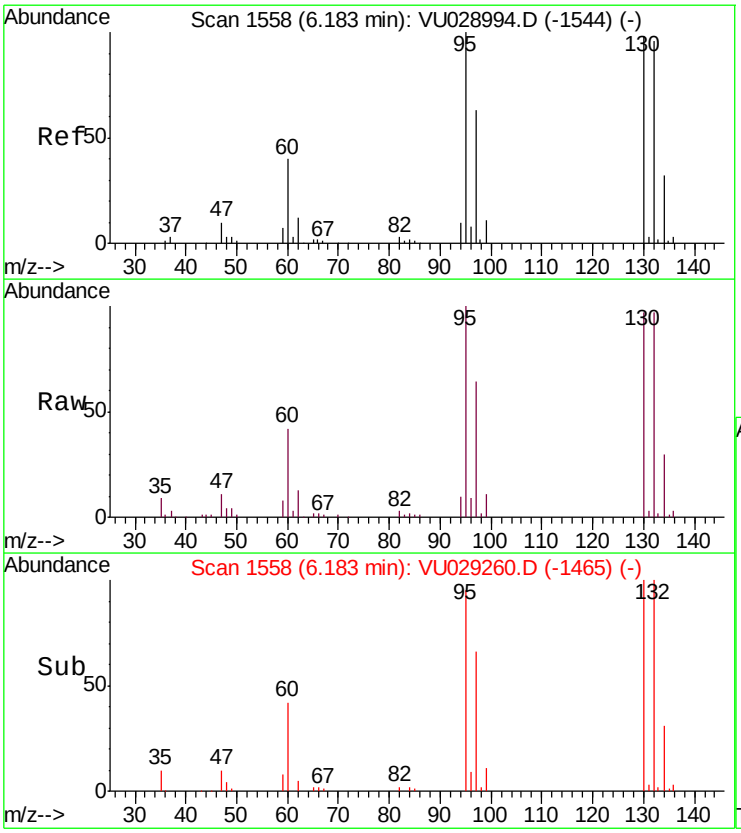

#43
Isopropyl Acetate
Concen: 57.507 ug/l
RT: 5.55 min Scan# 1360
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Tgt Ion: 43 Resp: 170247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 21.7 | 17.8 | 26.6 |
| 87 | 13.8 | 11.3 | 16.9 |

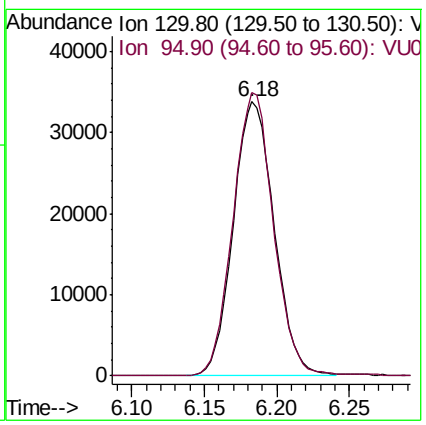


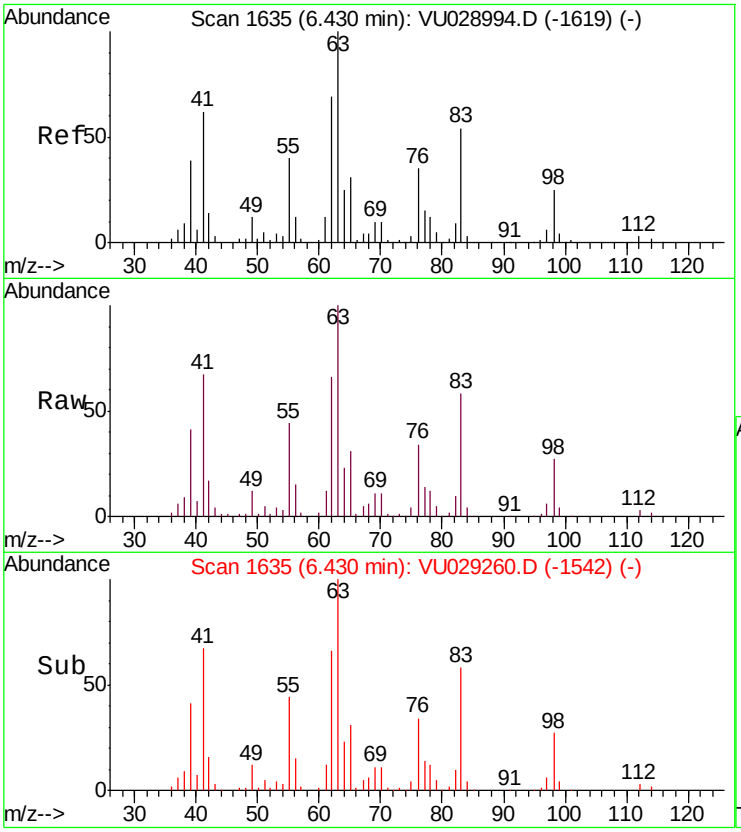




#44
Trichloroethene
Concen: 48.891 ug/l
RT: 6.18 min Scan# 1558
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion:130 Resp: 66436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 103.3 | 0.0 | 205.0 |



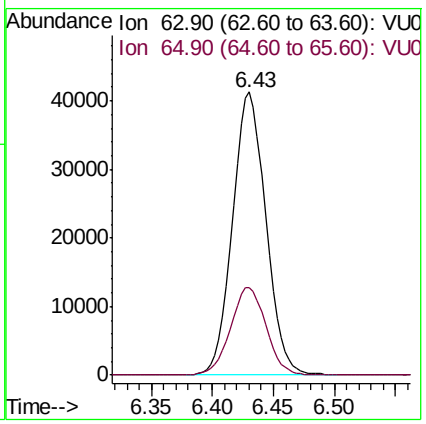


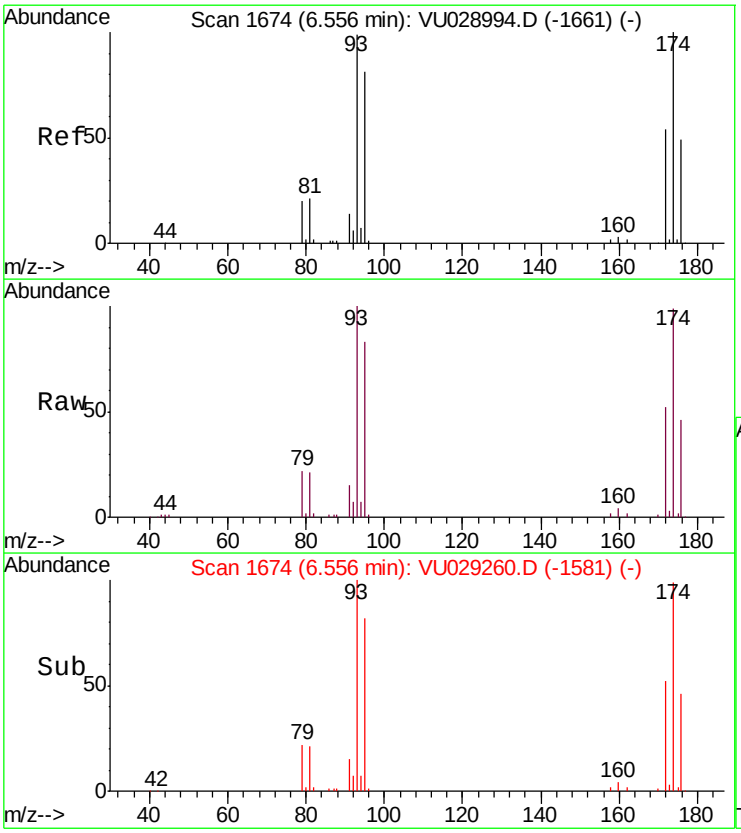

#45
1,2-Dichloropropane
Concen: 54.019 ug/l
RT: 6.43 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 63 Resp: 78235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.1 | 25.1 | 37.7 |

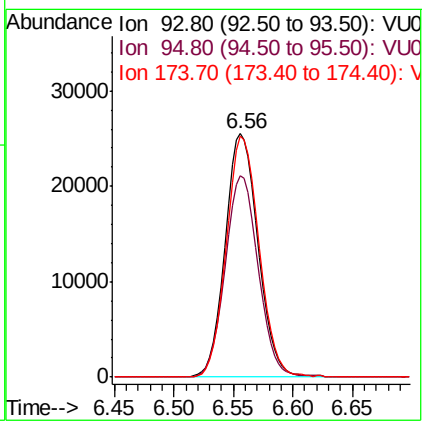


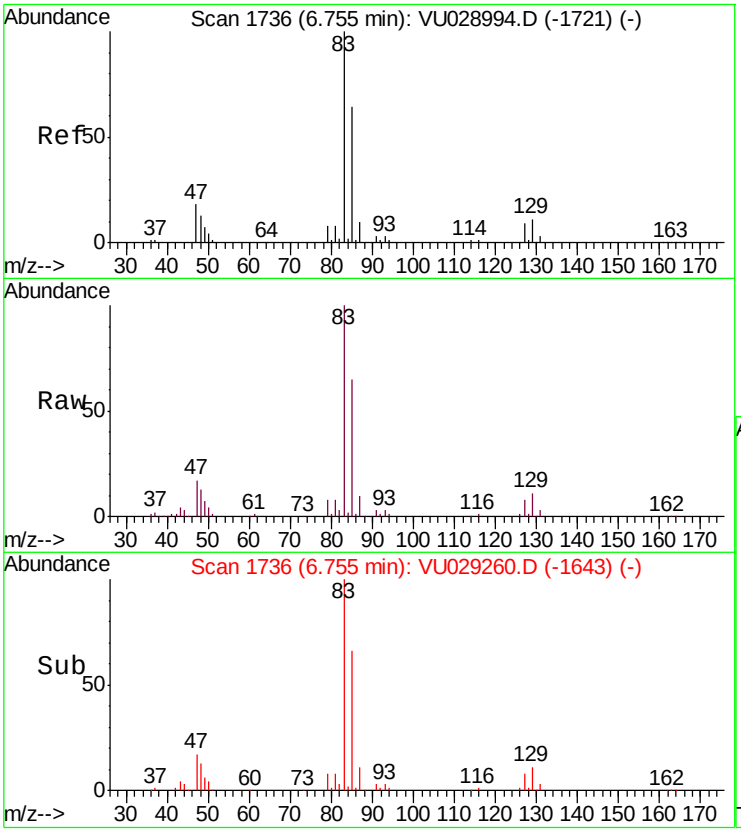




#46
Dibromomethane
Concen: 52.880 ug/l
RT: 6.56 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion: 93 Resp: 48958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.0 | 67.2 | 100.8 |
| 174 | 98.4 | 82.6 | 123.8 |



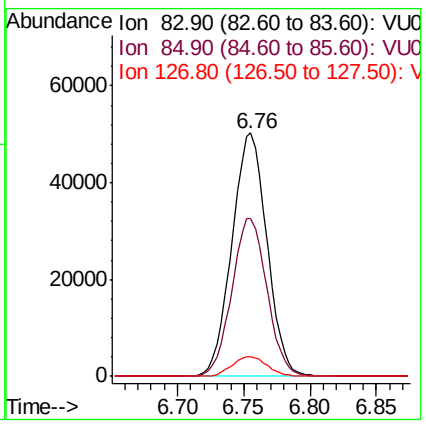


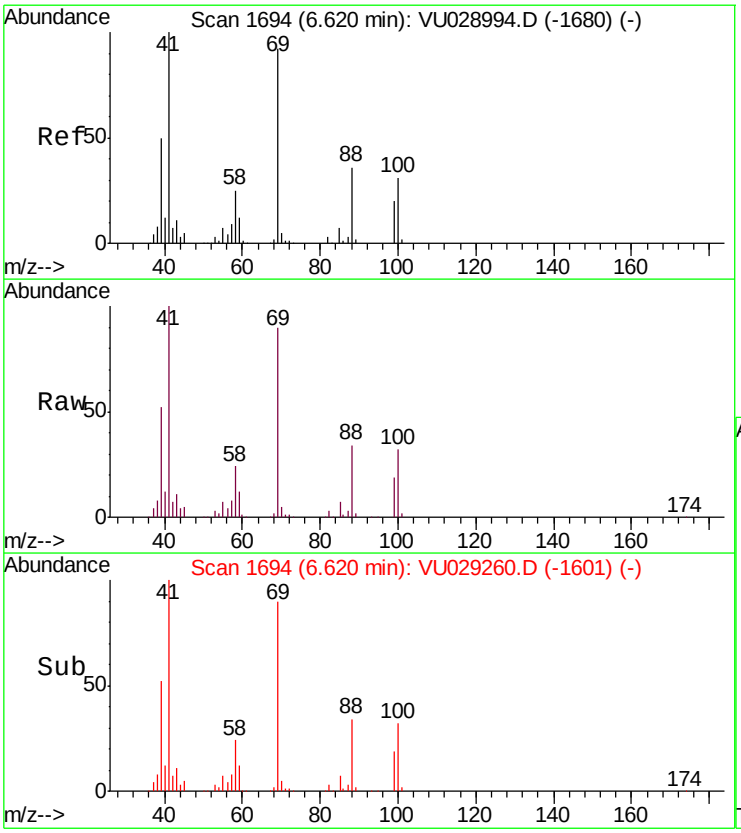

#47
Bromodichloromethane
Concen: 54.176 ug/l
RT: 6.76 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 83 Resp: 92350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.9 | 51.4 | 77.2 |
| 127 | 8.0 | 7.0 | 10.4 |

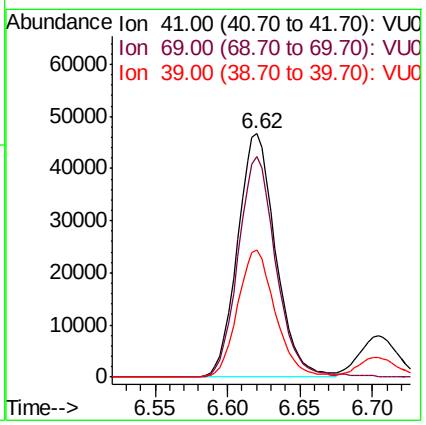


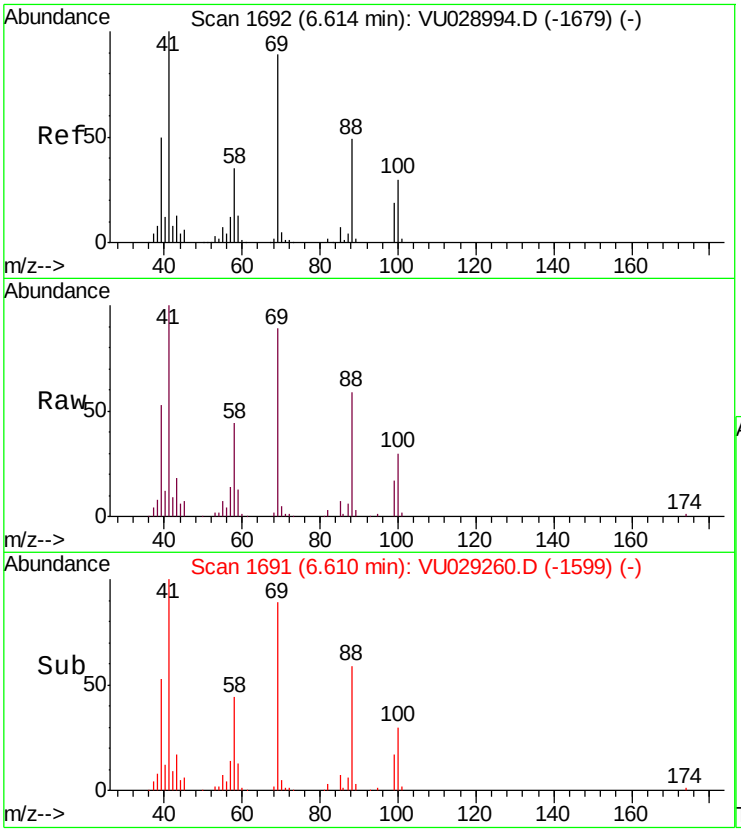




#48
Methyl methacrylate
Concen: 59.082 ug/l
RT: 6.62 min Scan# 1694
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion: 41 Resp: 85168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 90.3 | 73.6 | 110.4 |
| 39 | 51.5 | 39.6 | 59.4 |



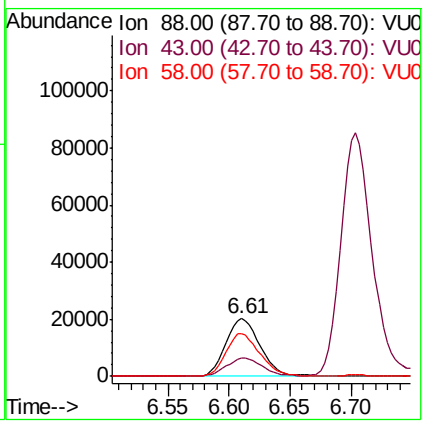


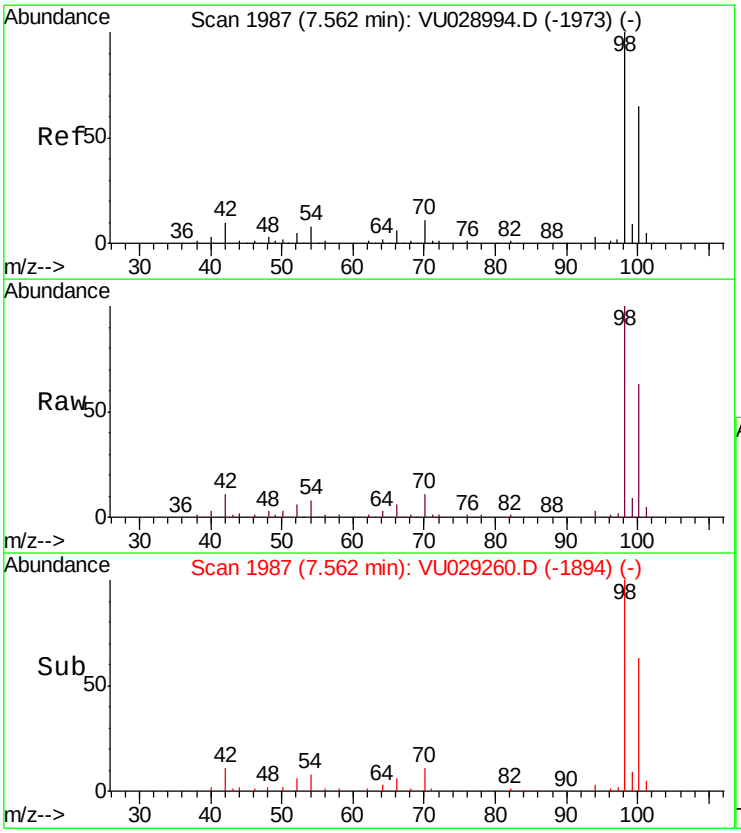

#49
1,4-Dioxane
Concen: 1139.600 ug/l
RT: 6.61 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 88 Resp: 38931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 31.2 | 23.0 | 34.4 |
| 58 | 74.9 | 57.9 | 86.9 |

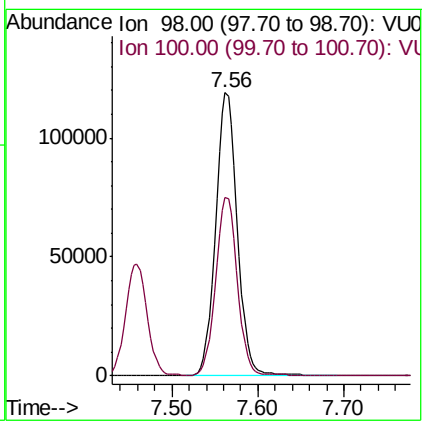


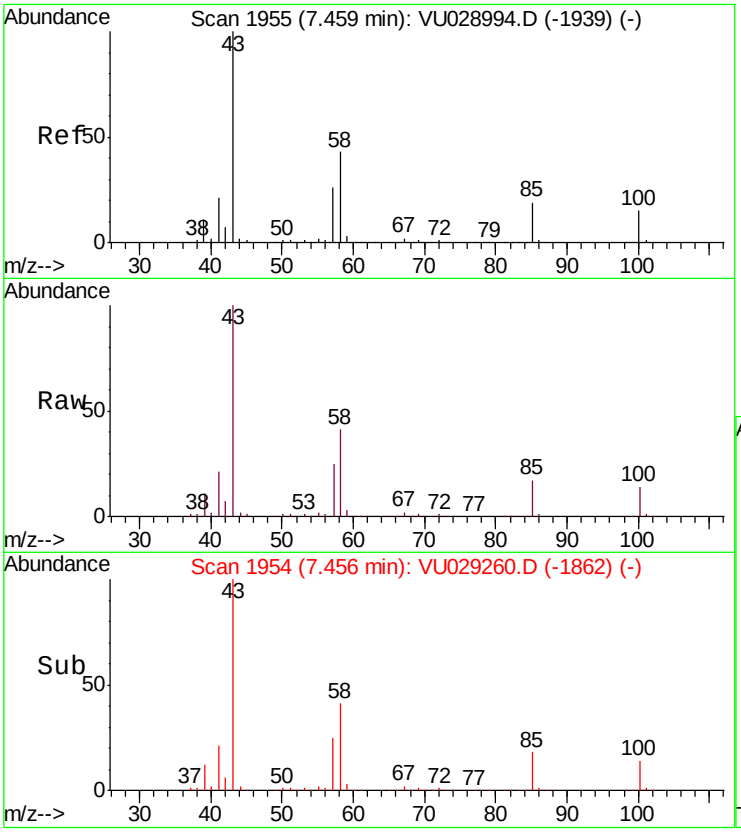




#50
Toluene-d8
Concen: 46.234 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion: 98 Resp: 208123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 62.9 | 51.6 | 77.4 |



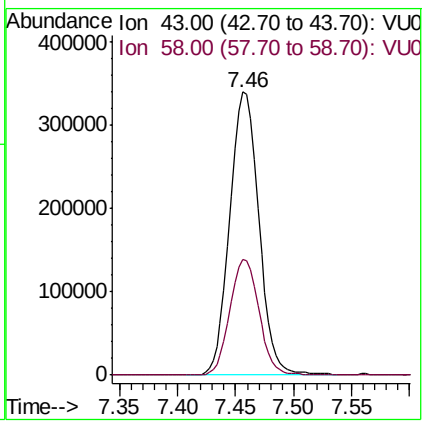


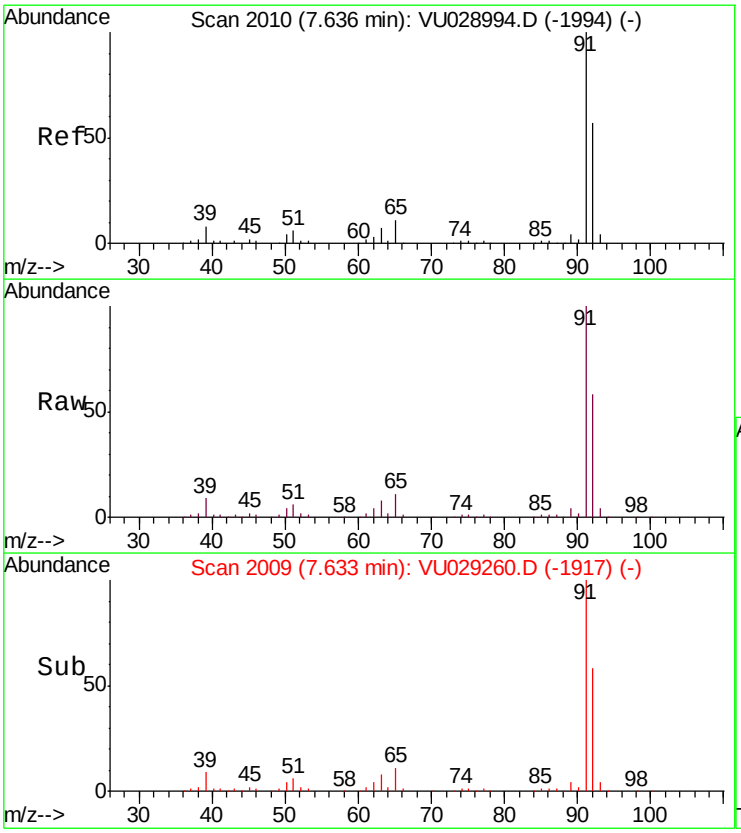

#51
4-Methyl-2-Pentanone
Concen: 292.350 ug/l
RT: 7.46 min Scan# 1954
Delta R.T. -0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 43 Resp: 589019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 41.0 | 33.9 | 50.9 |

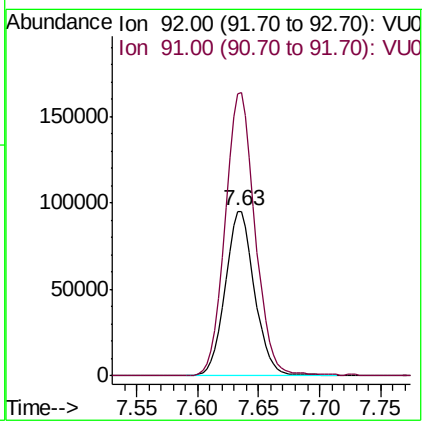


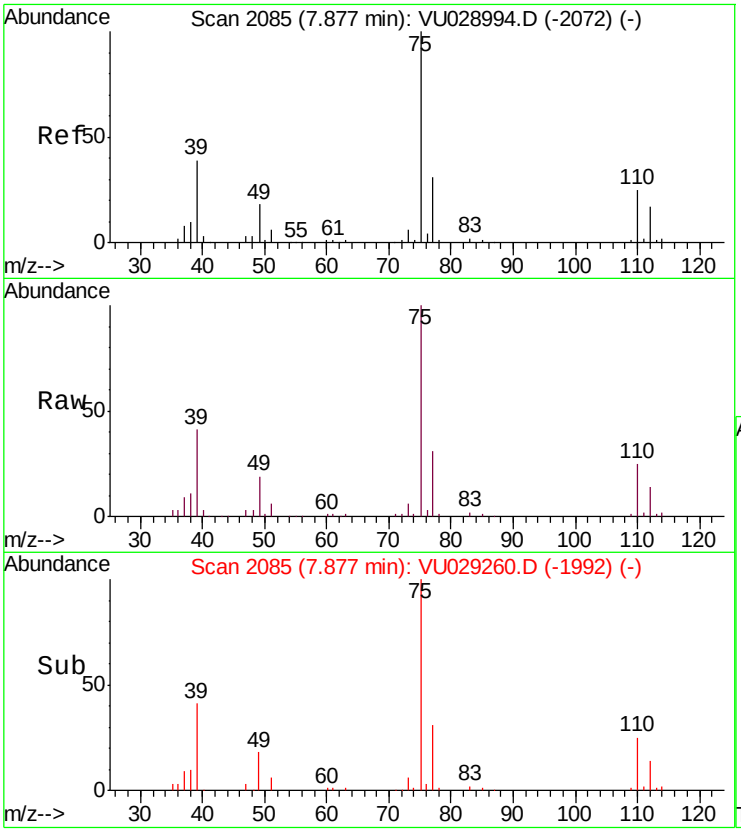




#52
Toluene
Concen: 48.154 ug/l
RT: 7.63 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion: 92 Resp: 160770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 175.0 | 139.8 | 209.8 |



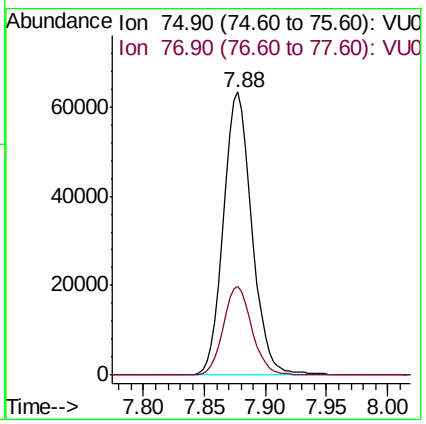


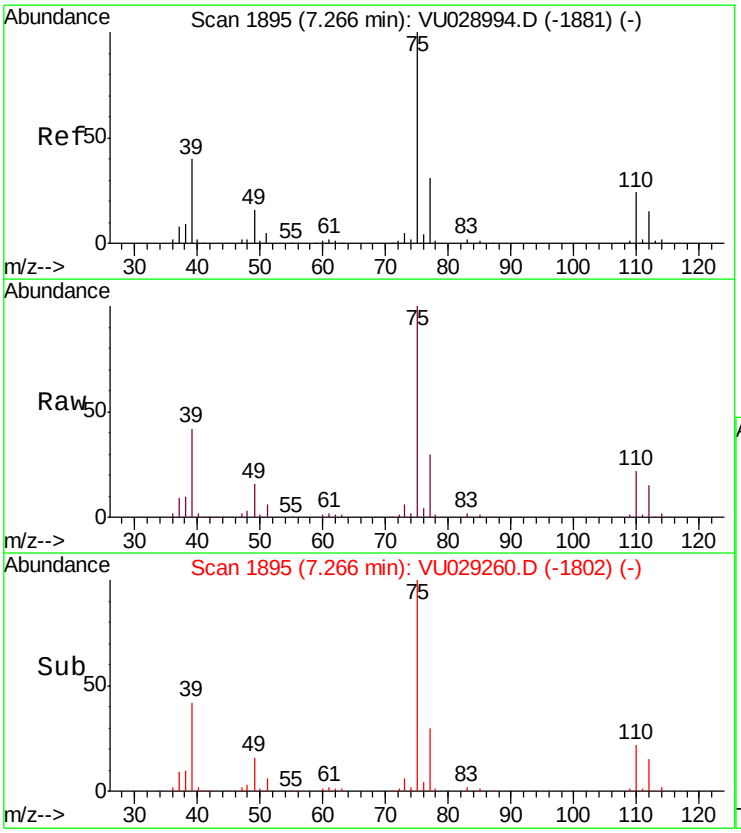

#53
t-1,3-Dichloropropene
Concen: 50.678 ug/l
RT: 7.88 min Scan# 2085
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 75 Resp: 103773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.2 | 25.0 | 37.4 |

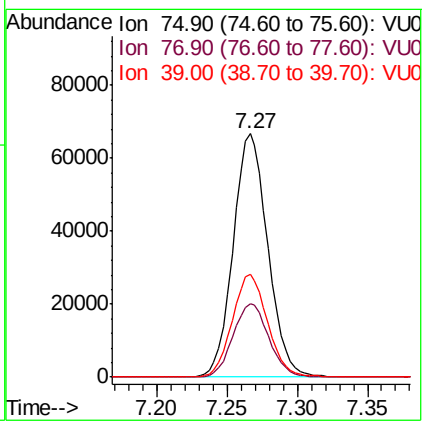


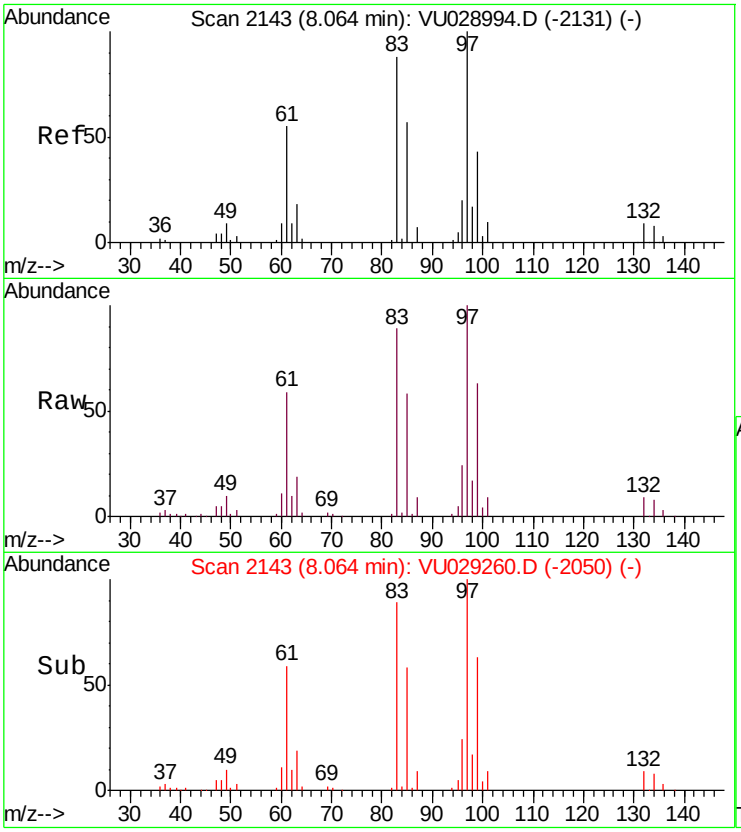




#54
cis-1,3-Dichloropropene
Concen: 51.824 ug/l
RT: 7.27 min Scan# 1895
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion: 75 Resp: 114669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.2 | 25.0 | 37.6 |
| 39 | 42.1 | 32.2 | 48.4 |



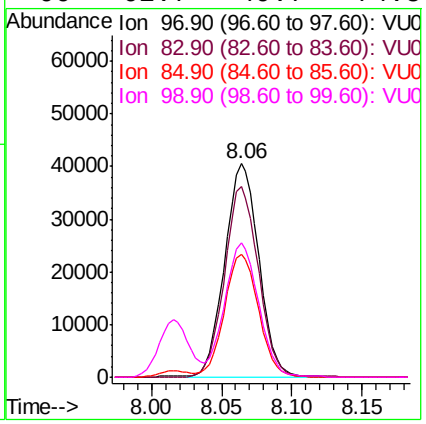


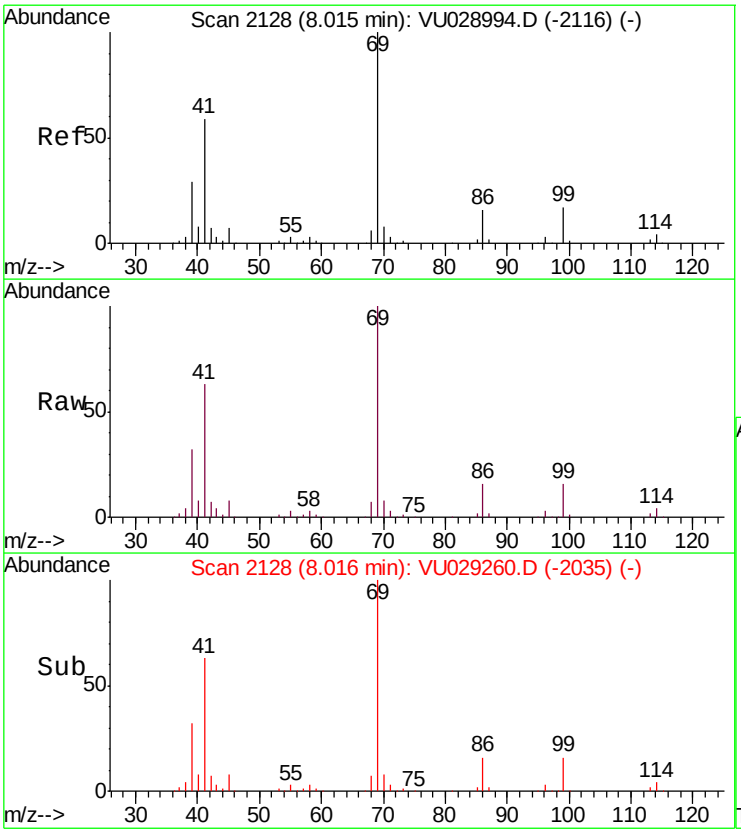

#55
1,1,2-Trichloroethane
Concen: 51.428 ug/l
RT: 8.06 min Scan# 2143
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 97 Resp: 68787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 89.5 | 69.8 | 104.8 |
| 85 | 57.5 | 47.3 | 70.9 |
| 99 | 62.7 | 49.7 | 74.5 |

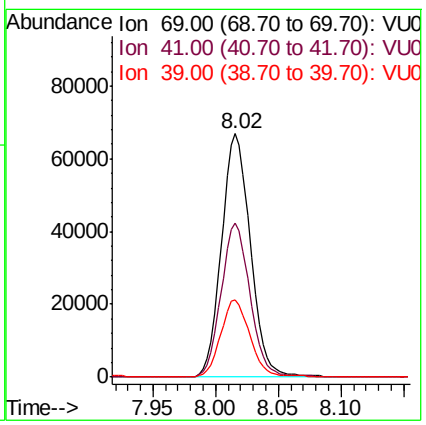


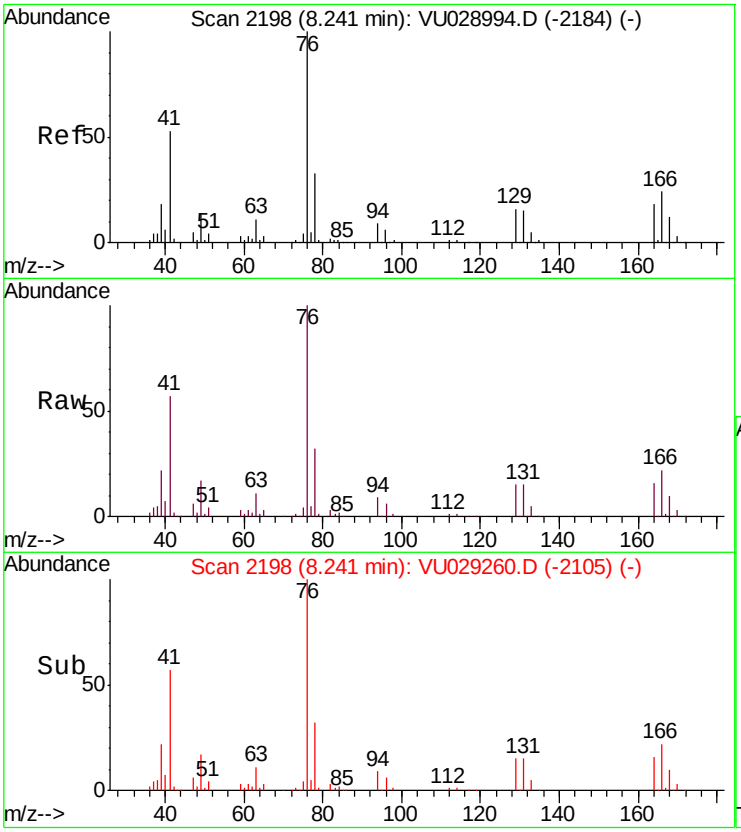




#56
Ethyl methacrylate
Concen: 51.958 ug/l
RT: 8.02 min Scan# 2128
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion: 69 Resp: 107065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 63.5 | 47.5 | 71.3 |
| 39 | 31.4 | 22.5 | 33.7 |



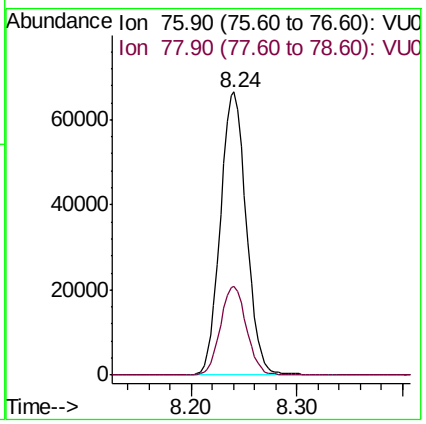


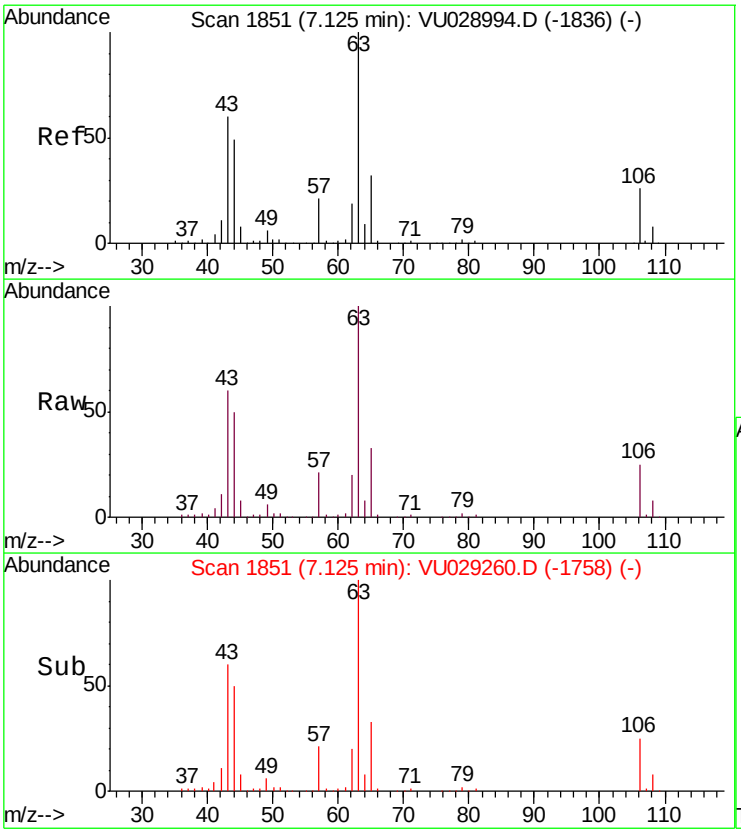

#57
1,3-Dichloropropane
Concen: 49.593 ug/l
RT: 8.24 min Scan# 2198
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 76 Resp: 113503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 31.3 | 26.0 | 39.0 |

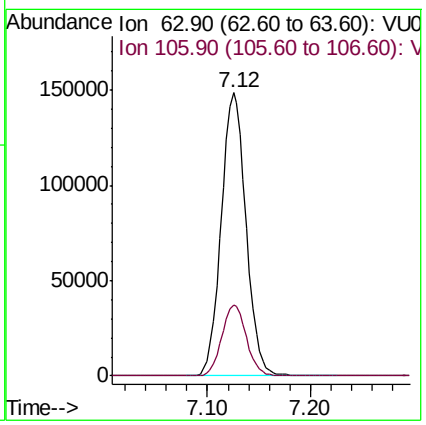


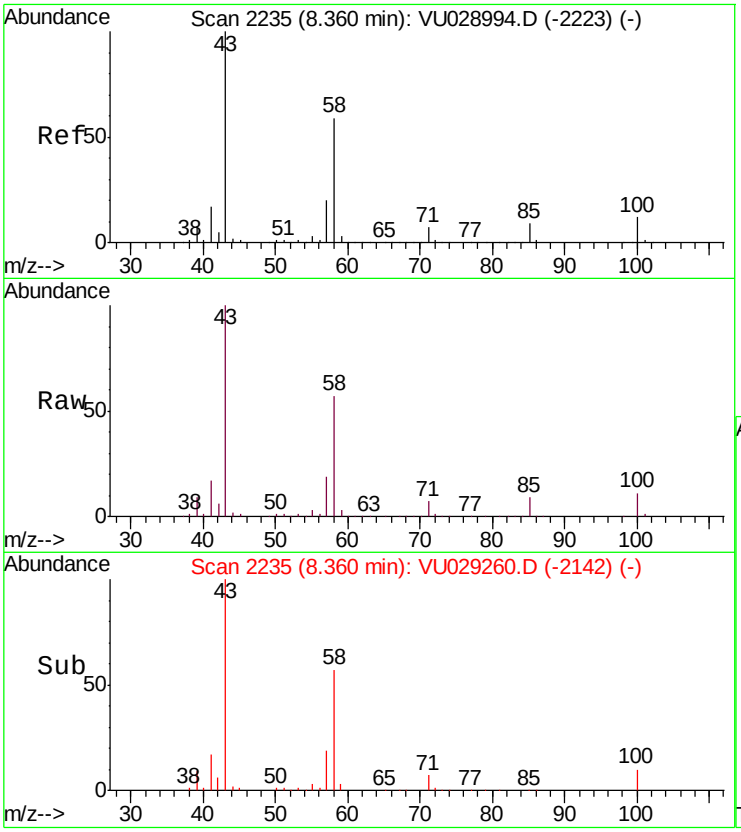




#58
2-Chloroethyl Vinyl ether
Concen: 274.380 ug/l
RT: 7.12 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion: 63 Resp: 248648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 24.9 | 20.6 | 31.0 |



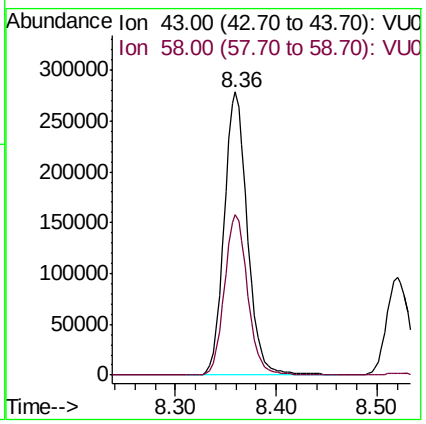


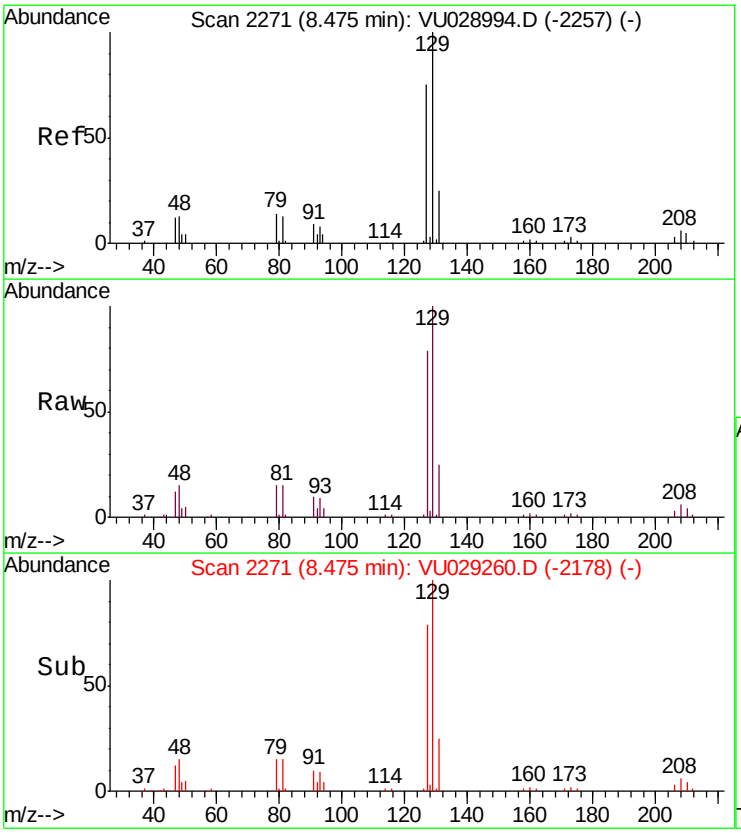

#59
2-Hexanone
Concen: 282.757 ug/l
RT: 8.36 min Scan# 2235
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Tgt Ion: 43 Resp: 447187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 57.0 | 29.8 | 89.4 |

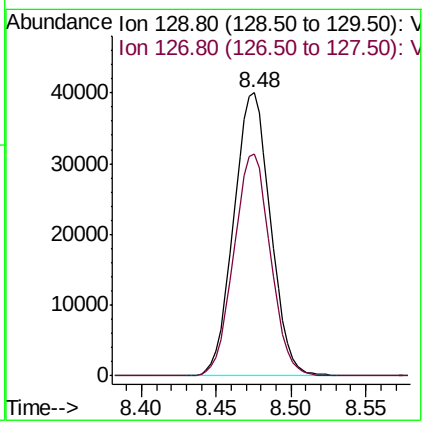


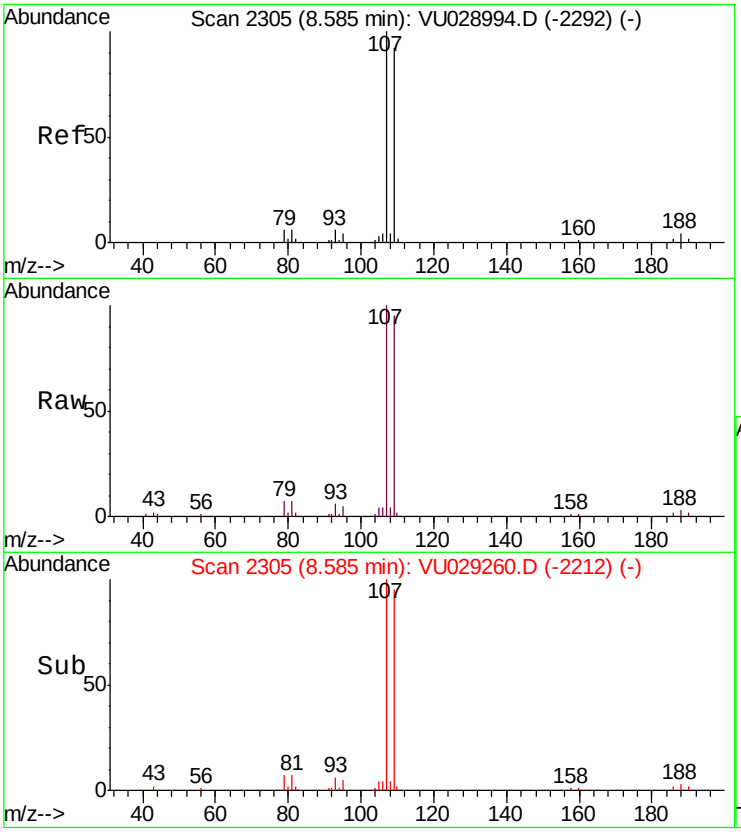




#60
Dibromochloromethane
Concen: 51.762 ug/l
RT: 8.48 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion:129 Resp: 68590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.8 | 38.0 | 114.0 |



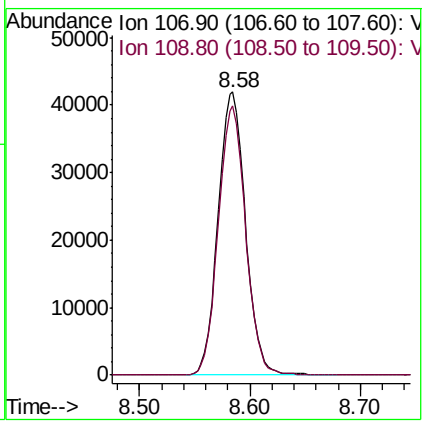


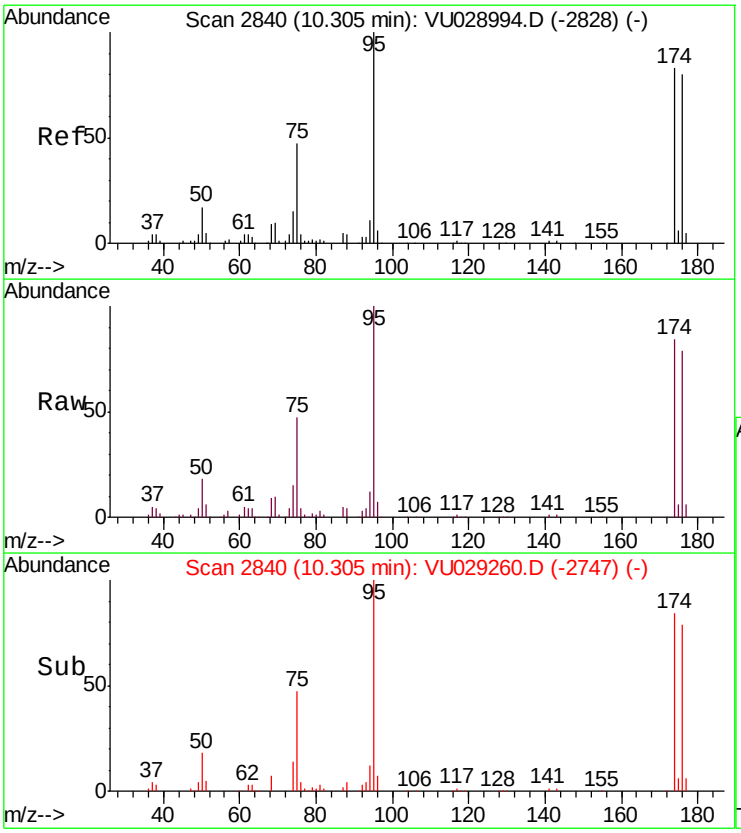

#61
1,2-Dibromoethane
Concen: 49.831 ug/l
RT: 8.58 min Scan# 2305
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Tgt Ion:107 Resp: 72286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 94.3 | 75.5 | 113.3 |

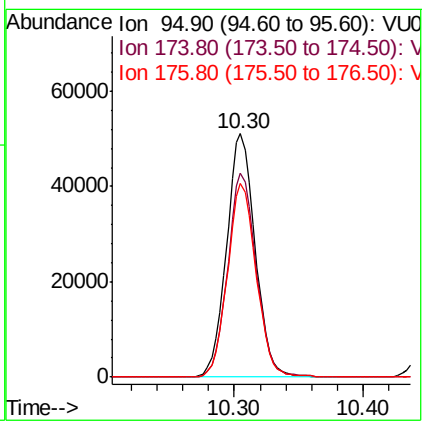


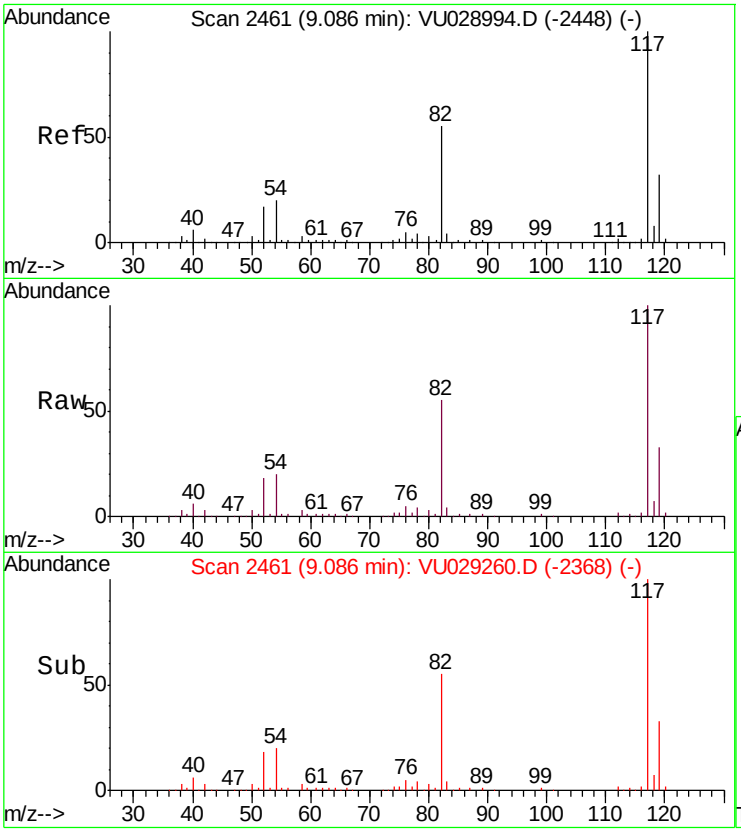




#62
4-Bromofluorobenzene
Concen: 48.426 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion: 95 Resp: 78342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 83.7 | 0.0 | 170.6 |
| 176 | 80.1 | 0.0 | 165.0 |



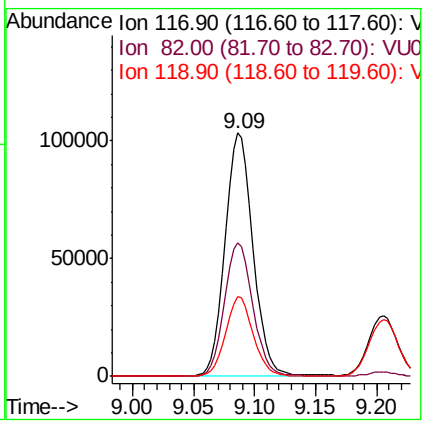


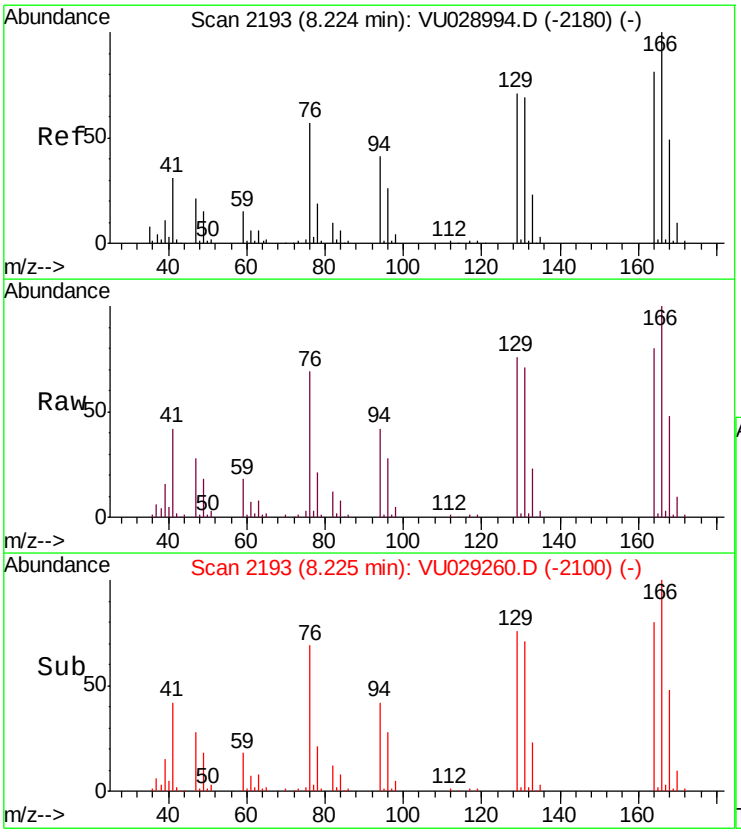

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Tgt Ion:117 Resp: 166715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 55.0 | 43.9 | 65.9 |
| 119 | 32.6 | 26.0 | 39.0 |

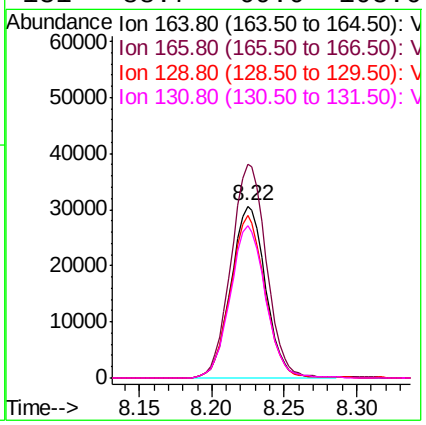


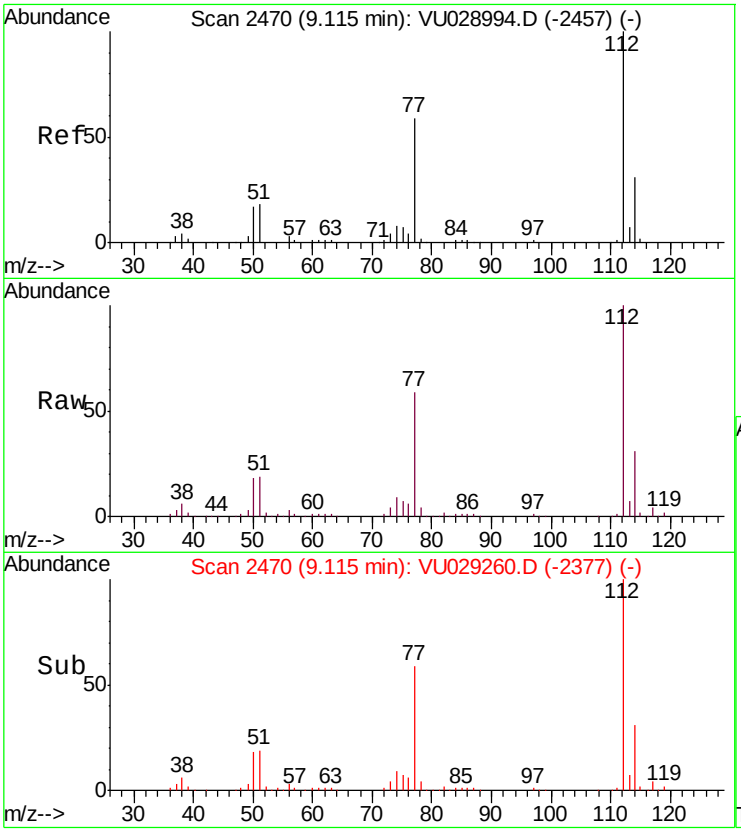




#64
Tetrachloroethene
Concen: 42.301 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion:164 Resp: 50801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 124.3 | 99.4 | 149.0 |
| 129 | 94.6 | 70.5 | 105.7 |
| 131 | 88.7 | 69.0 | 103.6 |



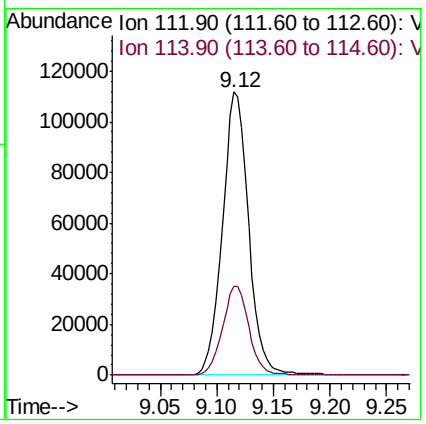


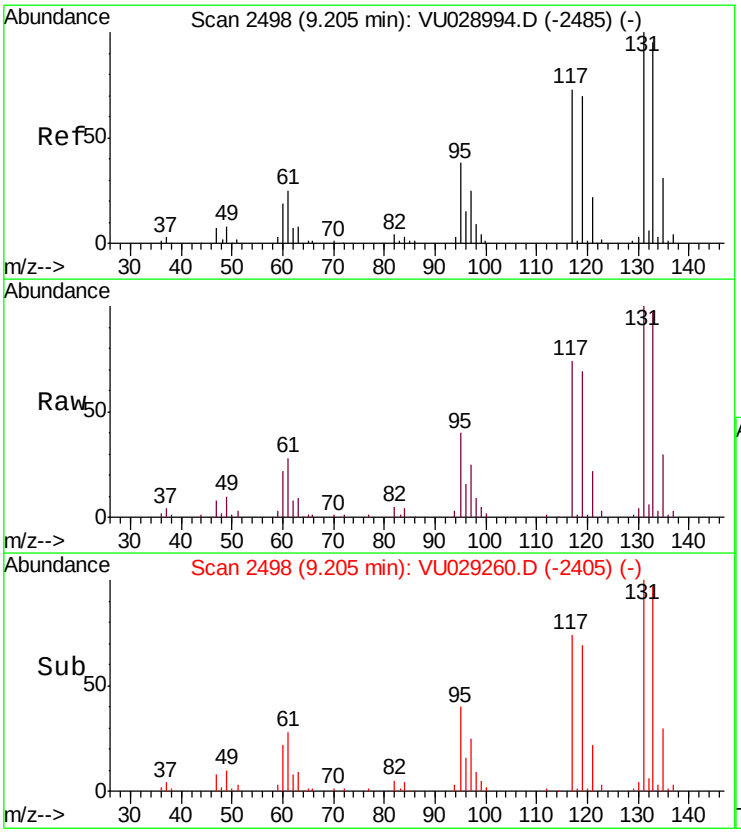

#65
Chlorobenzene
Concen: 48.221 ug/l
RT: 9.12 min Scan# 2470
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:112 Resp: 180199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.3 | 25.0 | 37.6 |

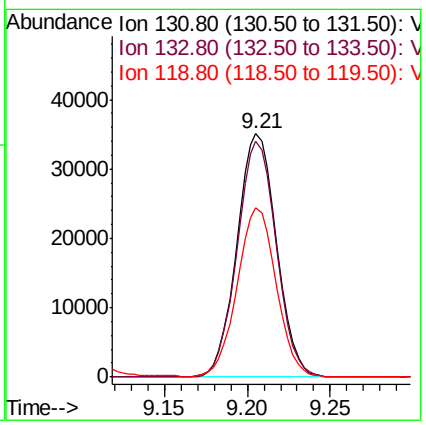


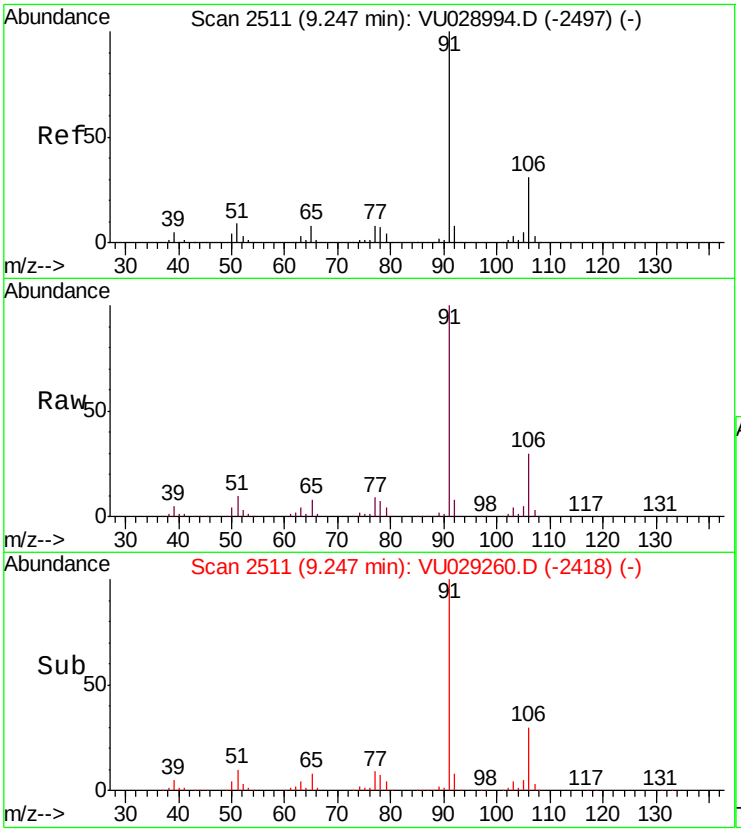




#66
1,1,1,2-Tetrachloroethane
Concen: 48.056 ug/l
RT: 9.21 min Scan# 2498
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion:131 Resp: 58279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 95.8 | 48.2 | 144.6 |
| 119 | 68.6 | 35.4 | 106.3 |



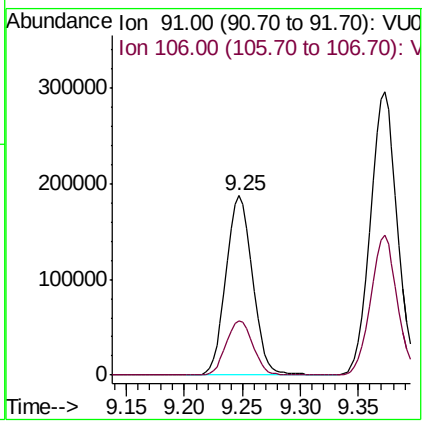


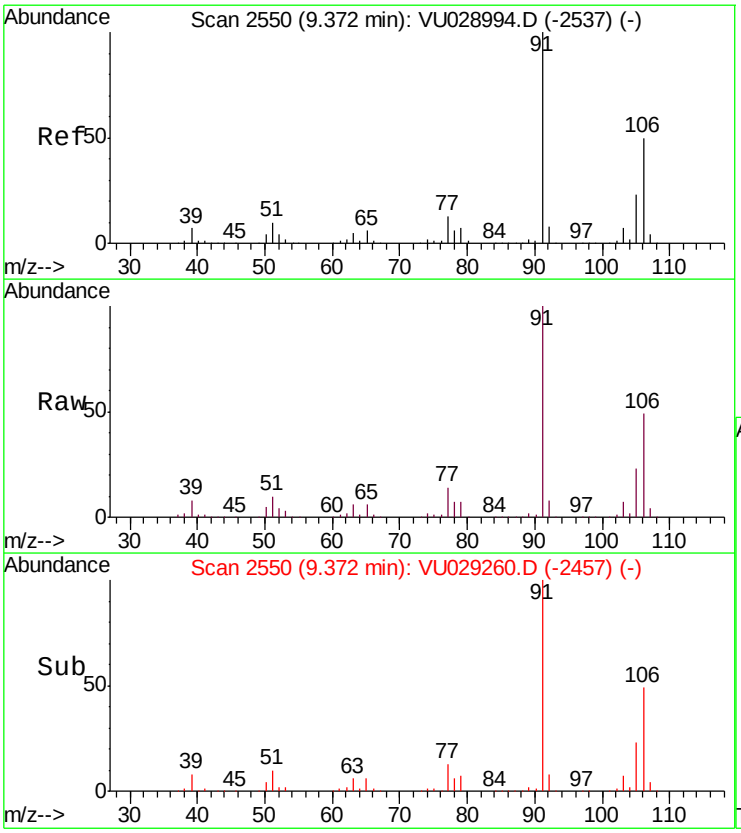

#67
Ethyl Benzene
Concen: 47.661 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 91 Resp: 297363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 30.4 | 25.0 | 37.4 |

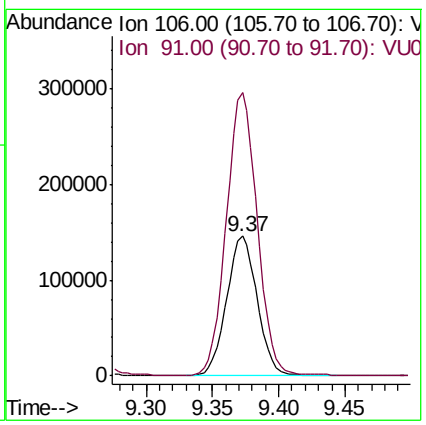


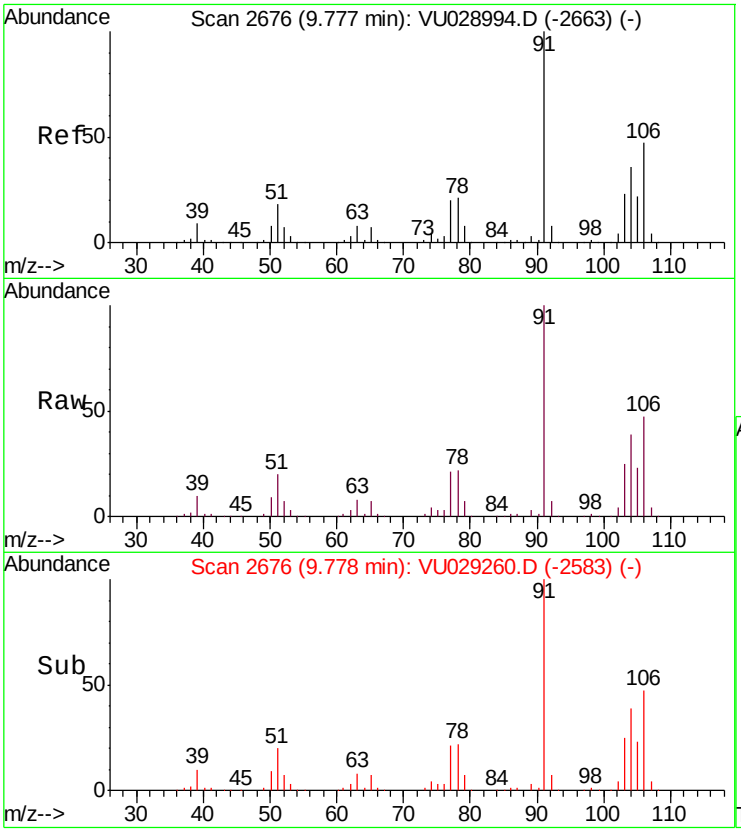




#68
m/p-Xylenes
Concen: 96.404 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion:106 Resp: 233701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 205.5 | 161.7 | 242.5 |



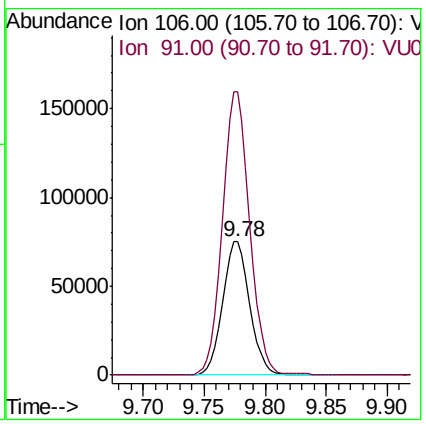


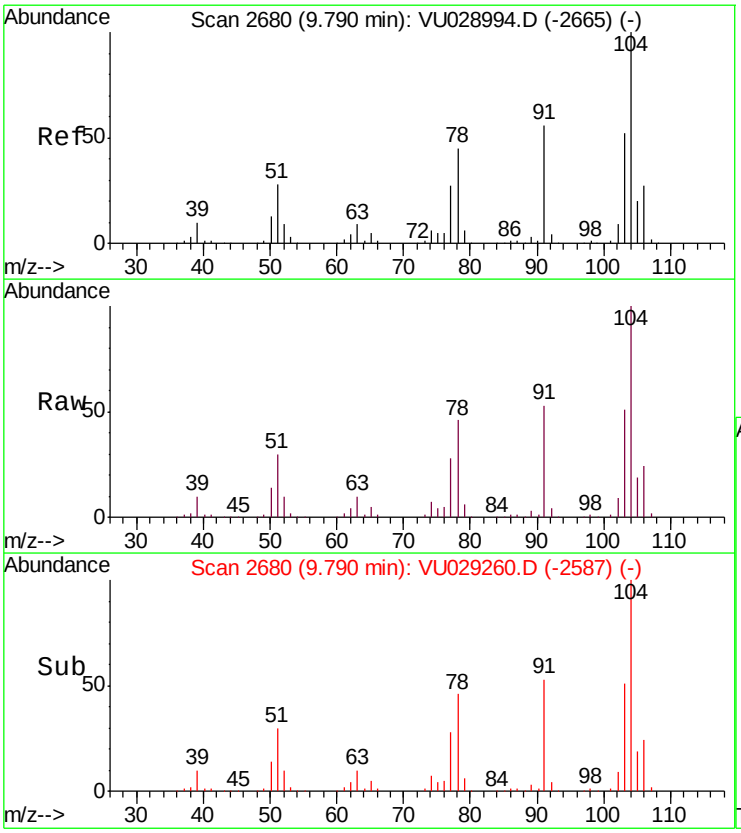

#69
o-Xylene
Concen: 50.096 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:106 Resp: 117014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 214.1 | 106.1 | 318.3 |

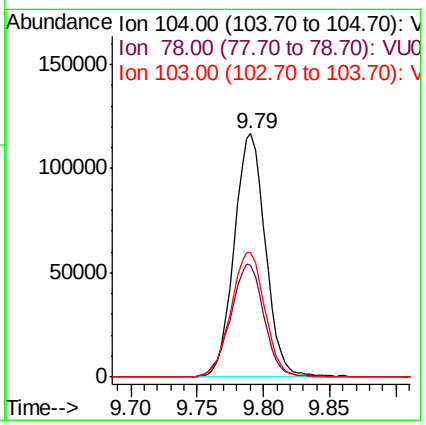


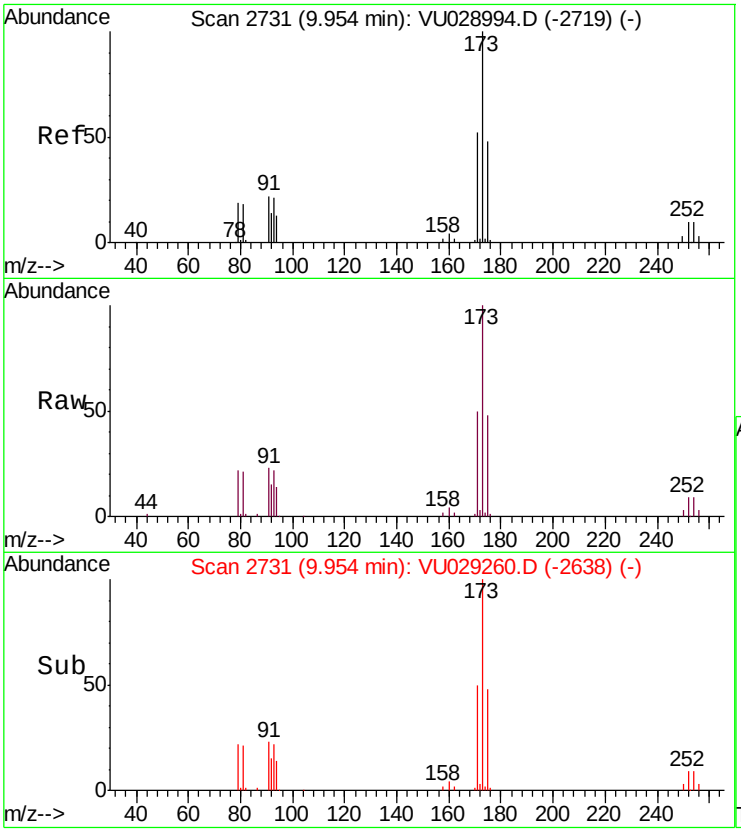




#70
Styrene
Concen: 49.997 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion:104 Resp: 191448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 49.9 | 38.6 | 58.0 |
| 103 | 55.7 | 44.5 | 66.7 |



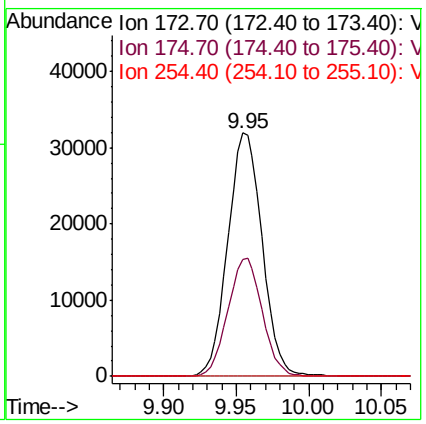


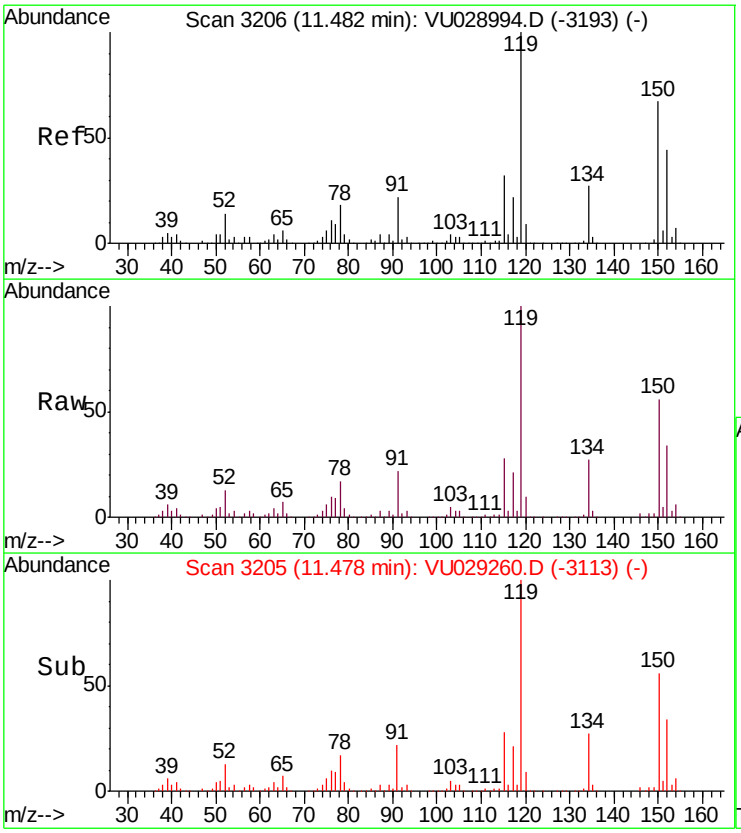

#71
Bromoform
Concen: 48.694 ug/l
RT: 9.95 min Scan# 2731
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:173 Resp: 52581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.2 | 23.8 | 71.2 |
| 254 | 0.0 | 0.0 | 0.0 |

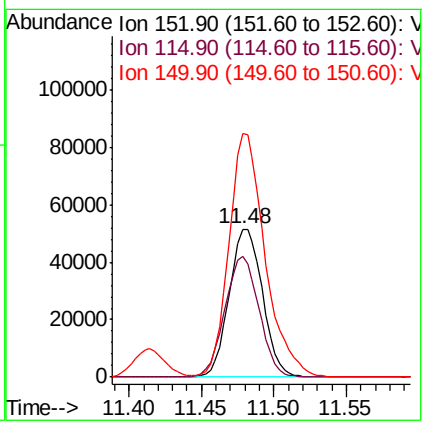


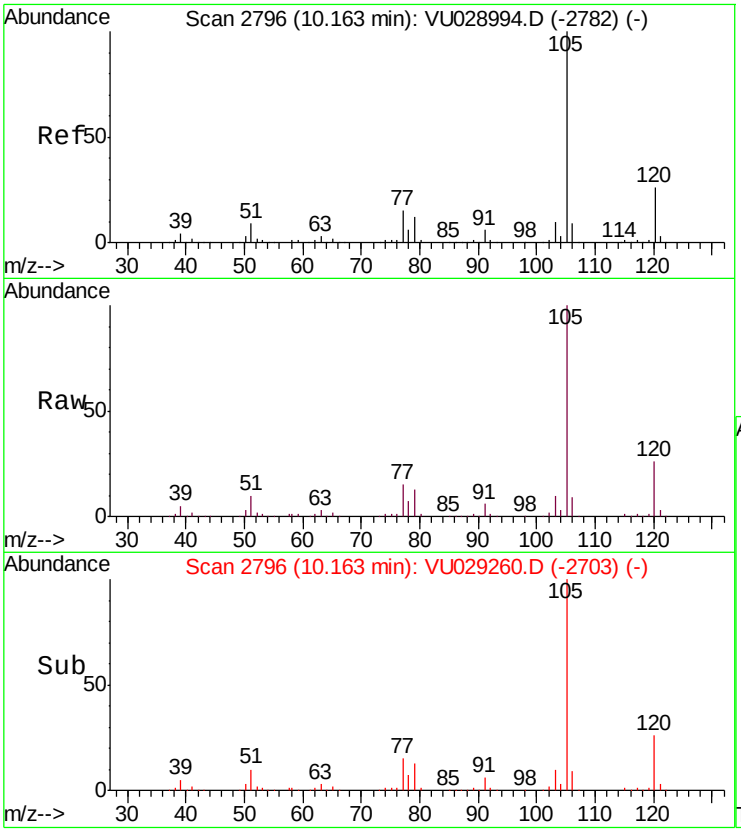




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3205
Delta R.T. -0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion:152 Resp: 82295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 83.7 | 40.1 | 120.3 |
| 150 | 178.1 | 0.0 | 345.2 |



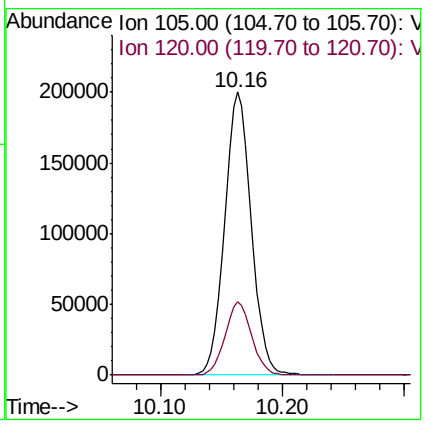


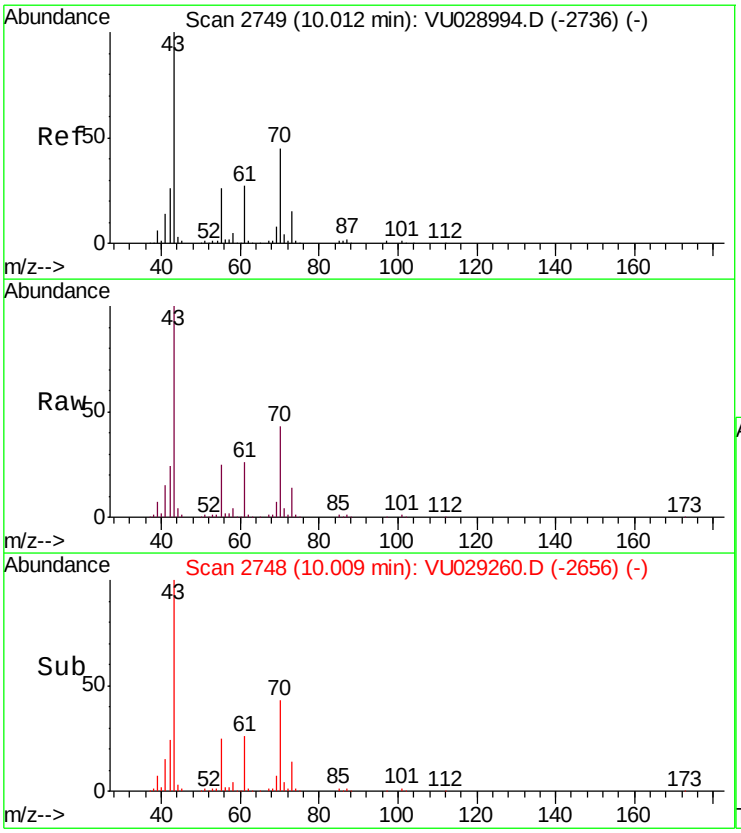

#73
Isopropylbenzene
Concen: 50.172 ug/l
RT: 10.16 min Scan# 2796
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Tgt Ion:105 Resp: 305609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.9 | 13.2 | 39.5 |

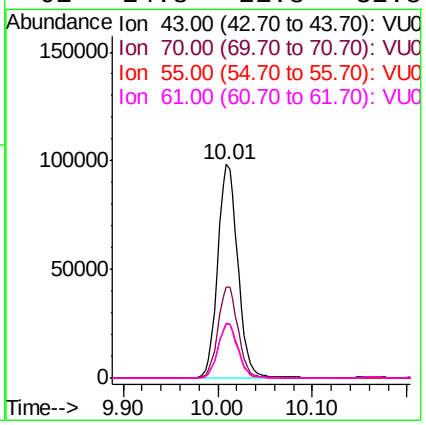


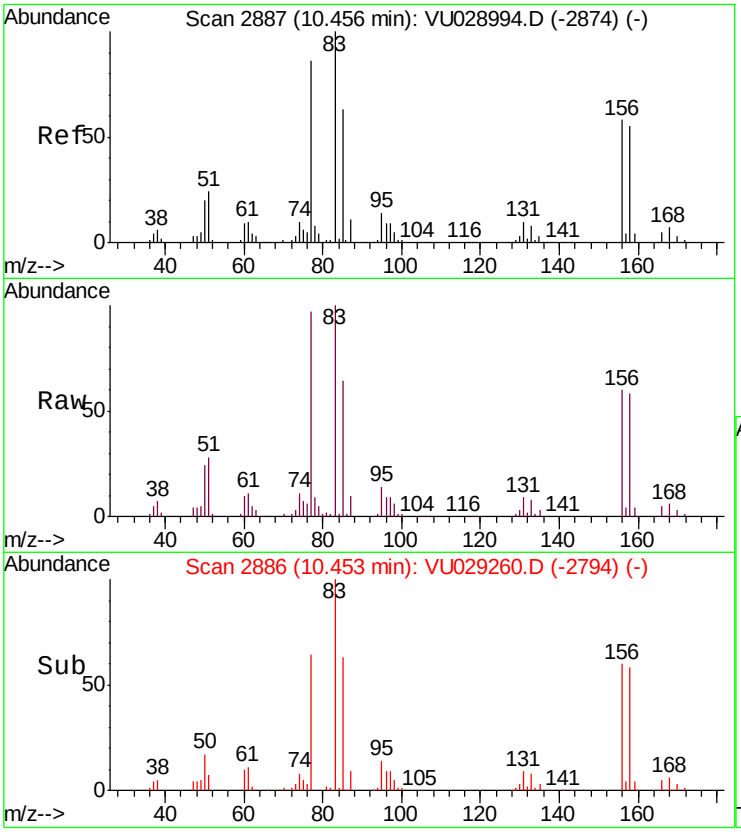




#74
N-amyl acetate
Concen: 55.166 ug/l
RT: 10.01 min Scan# 2748
Delta R.T. -0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion: 43 Resp: 144799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 42.6 | 36.3 | 54.5 |
| 55 | 25.5 | 20.5 | 30.7 |
| 61 | 24.8 | 21.8 | 32.8 |



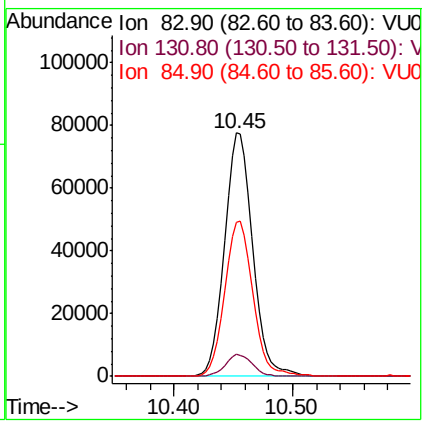


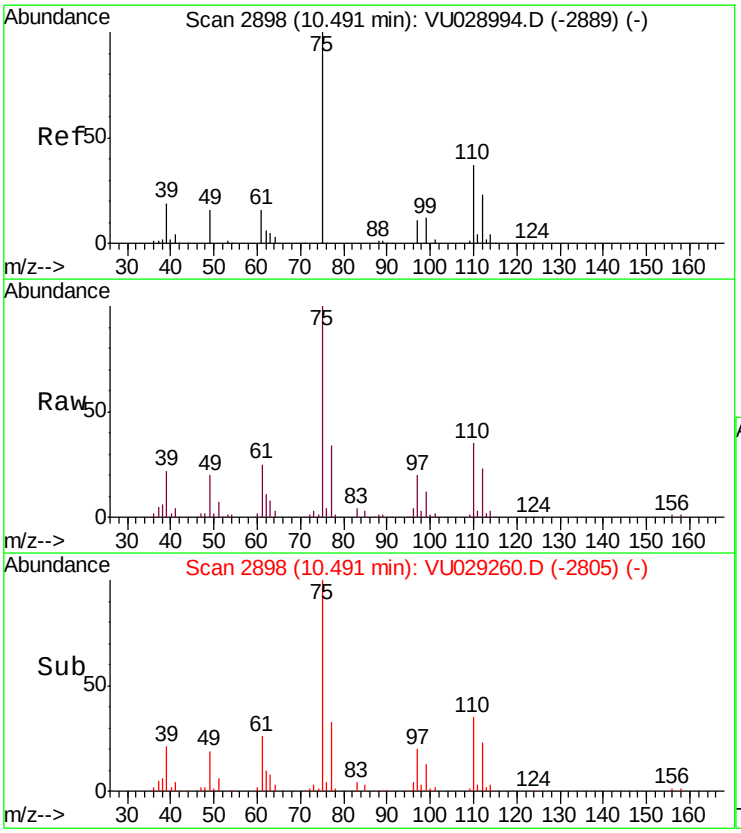

#75
1,1,2,2-Tetrachloroethane
Concen: 52.201 ug/l
RT: 10.45 min Scan# 2886
Delta R.T. -0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Tgt Ion: 83 Resp: 127438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 8.6 | 4.7 | 14.1 |
| 85 | 63.9 | 32.0 | 96.2 |

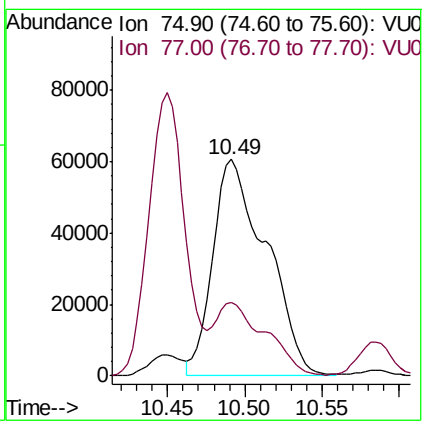


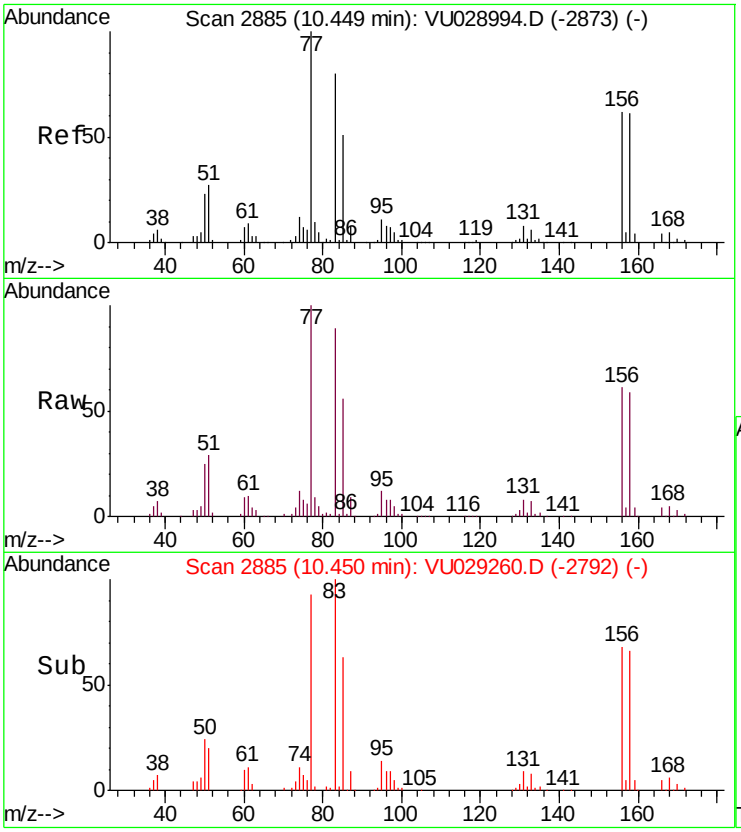




#76
1,2,3-Trichloropropane
Concen: 72.469 ug/l
RT: 10.49 min Scan# 2898
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion: 75 Resp: 146124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.1 | 20.9 | 62.8 |



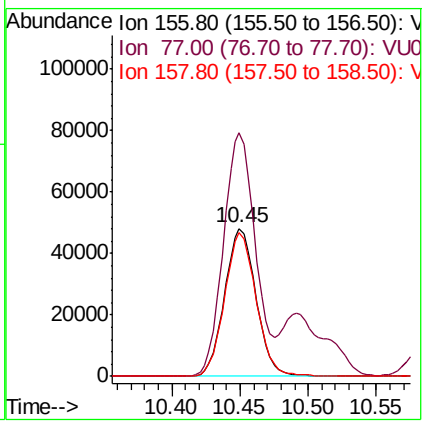


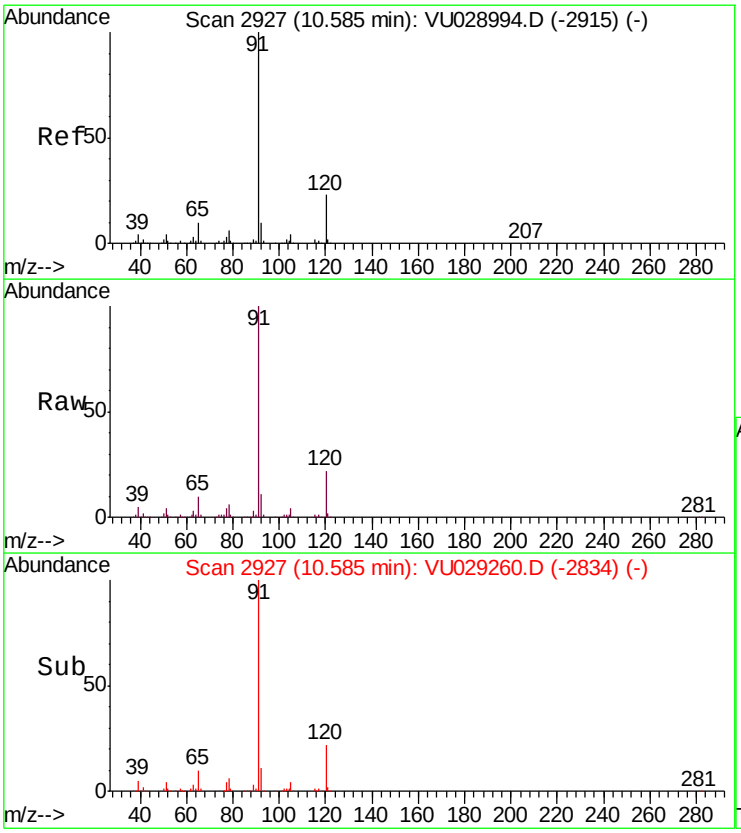

#77
Bromobenzene
Concen: 48.631 ug/l
RT: 10.45 min Scan# 2885
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Tgt Ion:156 Resp: 77195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 167.4 | 79.0 | 237.2 |
| 158 | 97.5 | 48.9 | 146.6 |

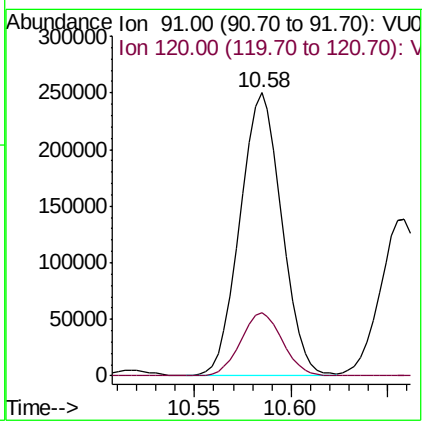


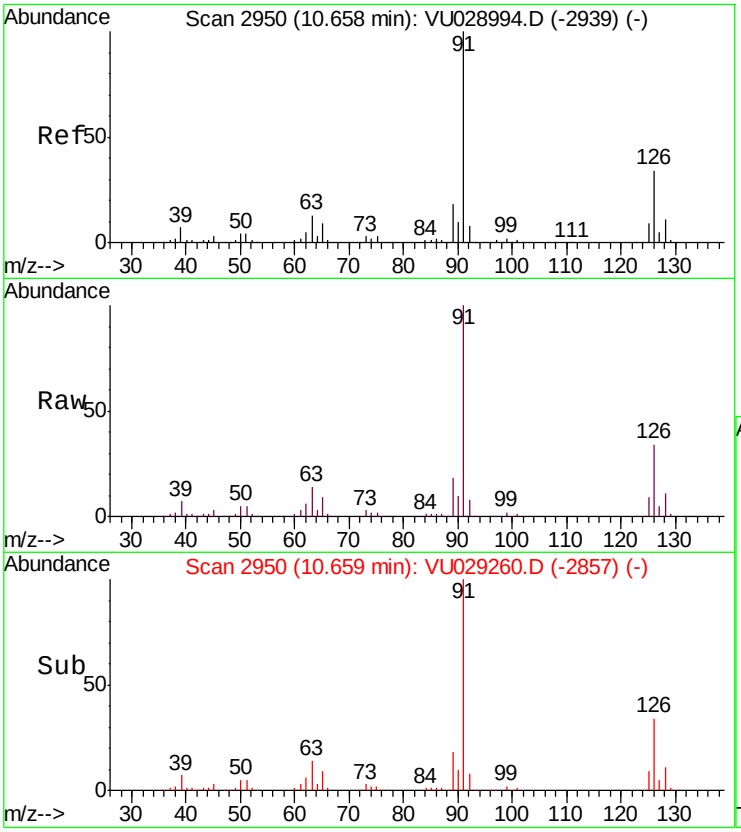




#78
n-propylbenzene
Concen: 52.271 ug/l
RT: 10.58 min Scan# 2927
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion: 91 Resp: 375228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 22.4 | 11.3 | 33.9 |



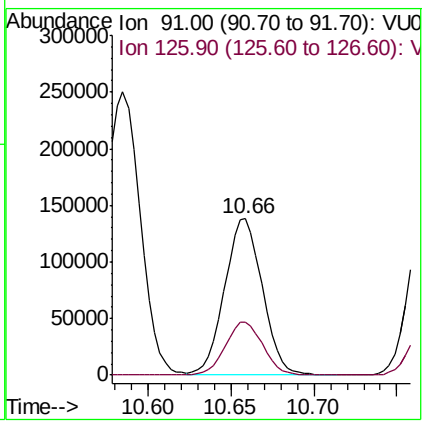


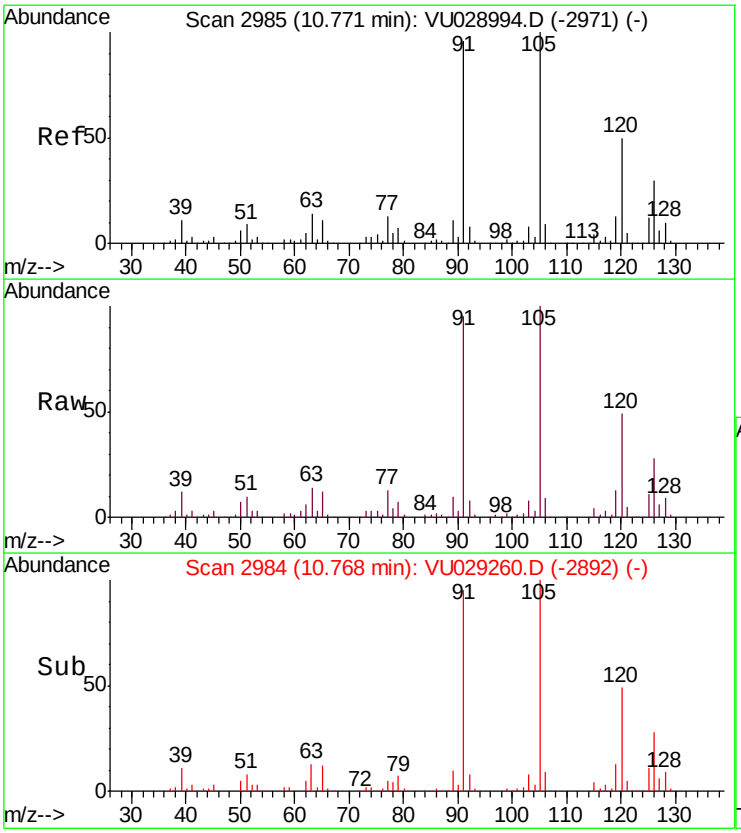

#79
2-Chlorotoluene
Concen: 50.156 ug/l
RT: 10.66 min Scan# 2950
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Tgt Ion: 91 Resp: 218408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.7 | 16.8 | 50.4 |

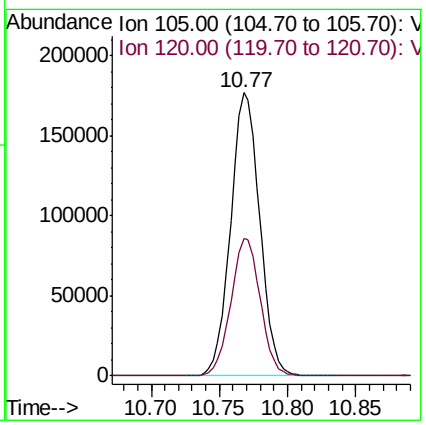


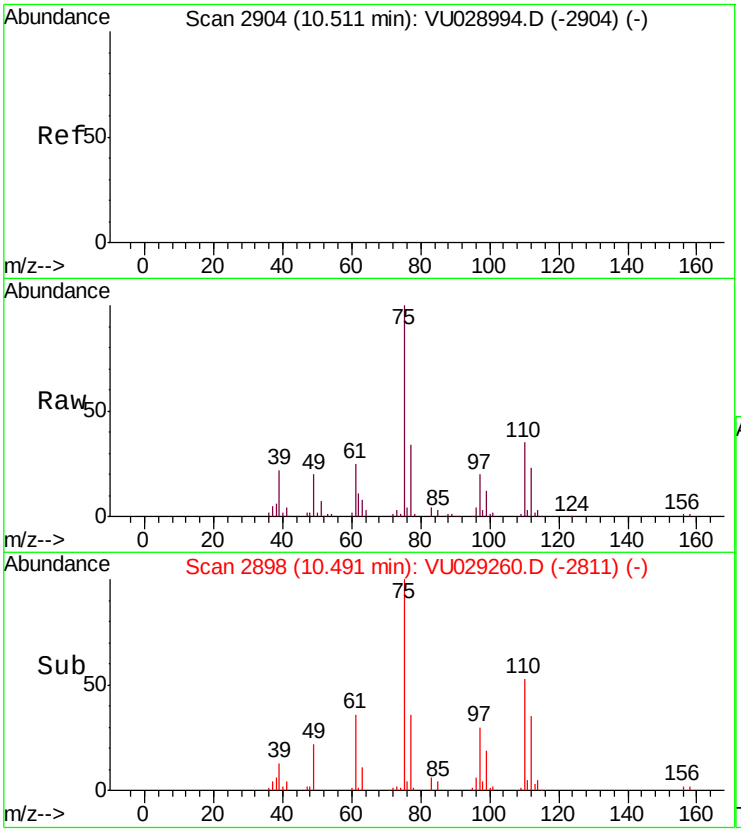




#80
1,3,5-Trimethylbenzene
Concen: 51.514 ug/l
RT: 10.77 min Scan# 2984
Delta R.T. -0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion:105 Resp: 262036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 49.0 | 24.8 | 74.4 |



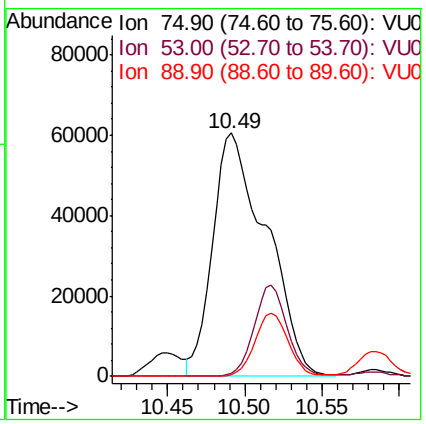


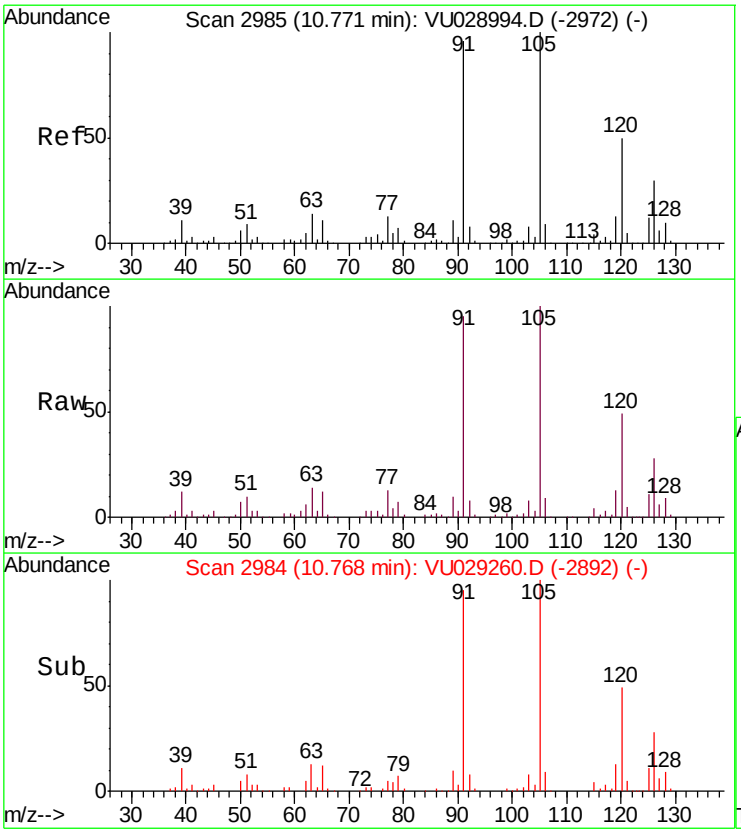

#81
trans-1,4-Dichloro-2-butene
Concen: 186.902 ug/l
RT: 10.49 min Scan# 2898
Delta R.T. -0.02 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion: 75 Resp: 146124

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

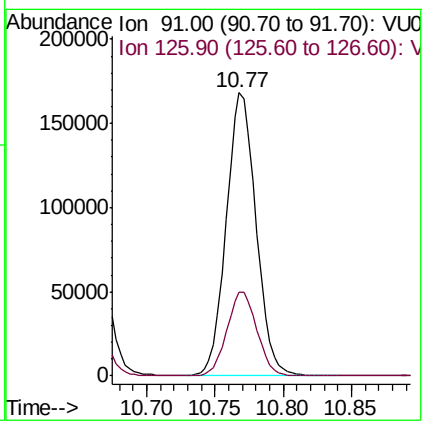


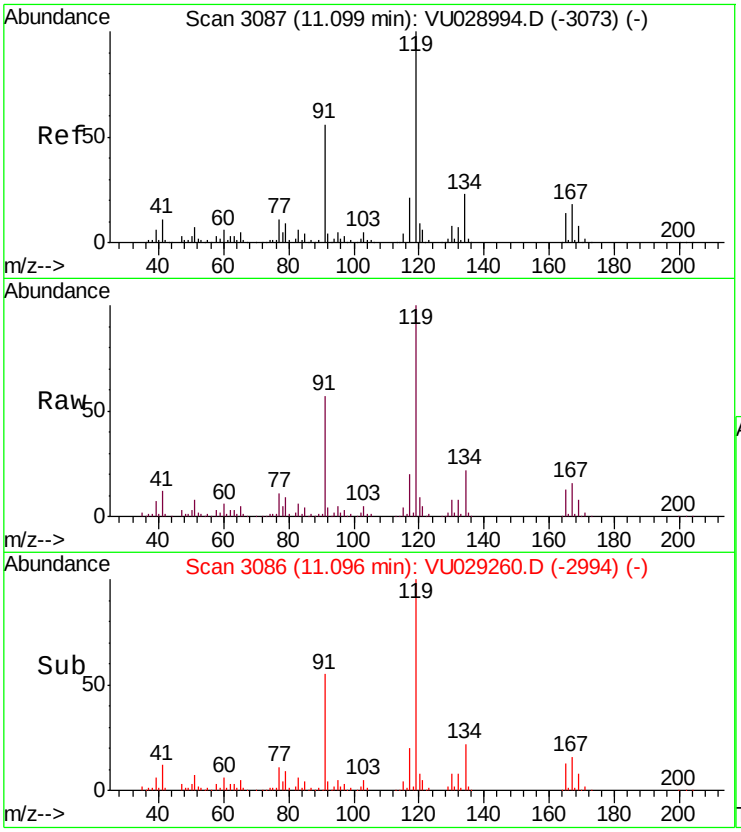




#82
4-Chlorotoluene
Concen: 50.867 ug/l
RT: 10.77 min Scan# 2984
Delta R.T. -0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion: 91 Resp: 253989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 30.0 | 15.5 | 46.5 |



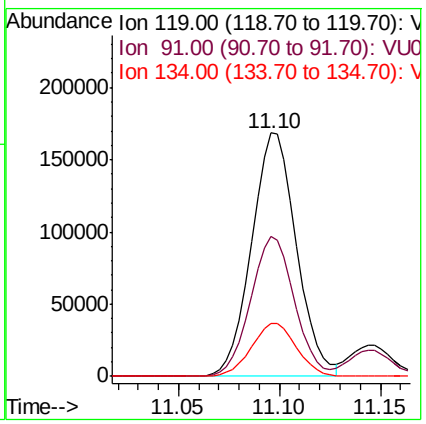


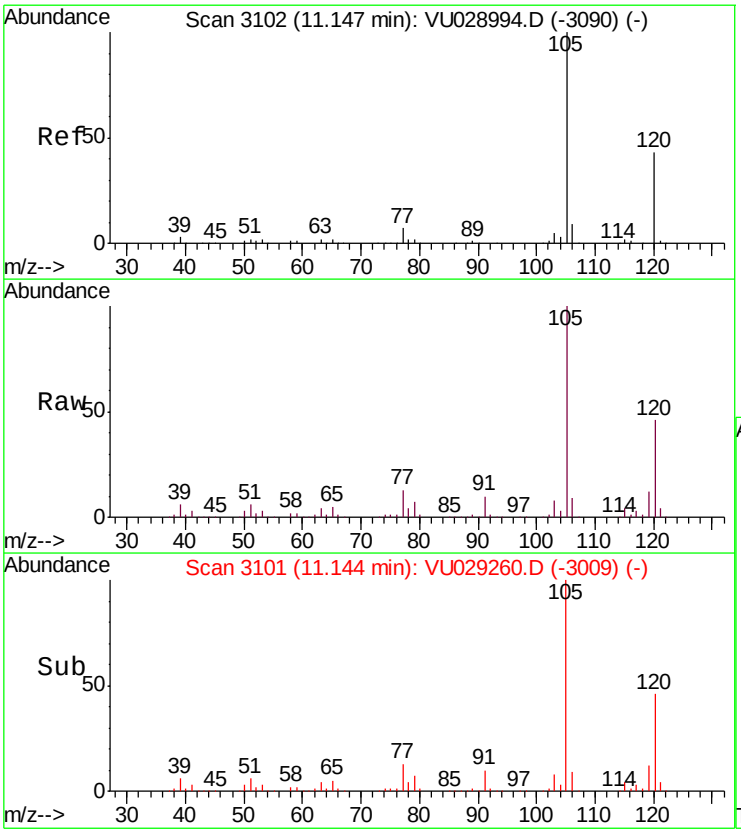

#83
tert-Butylbenzene
Concen: 52.247 ug/l
RT: 11.10 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:119 Resp: 261945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 56.1 | 28.2 | 84.6 |
| 134 | 21.9 | 11.3 | 33.8 |

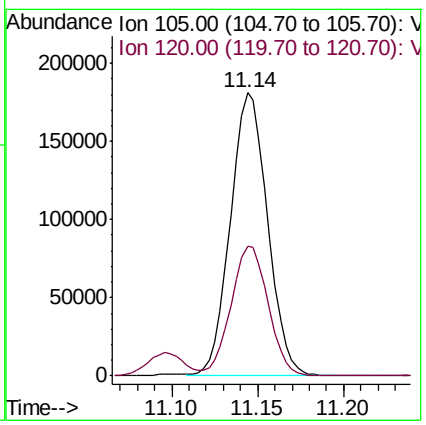


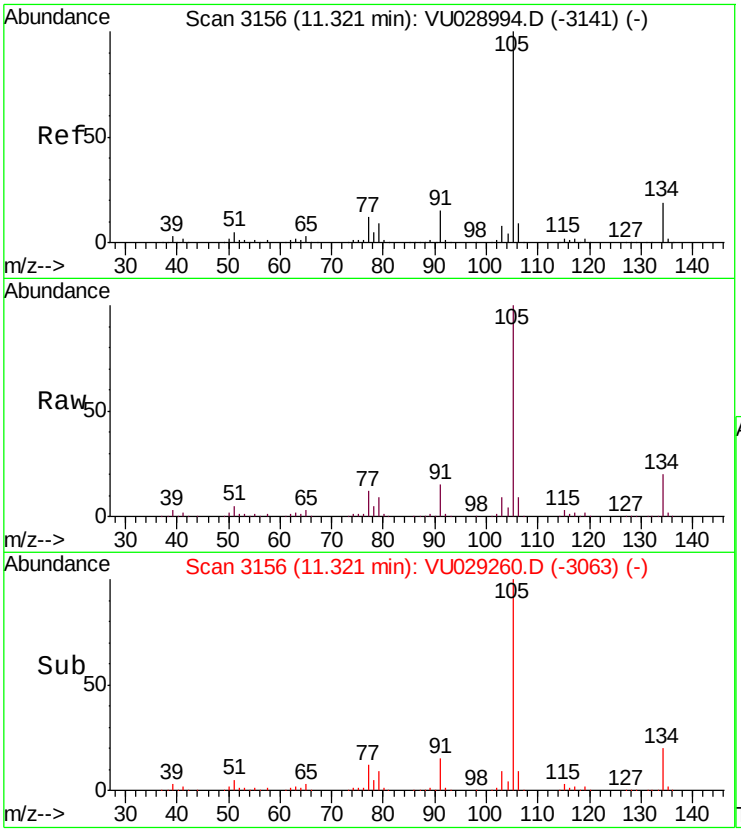




#84
1,2,4-Trimethylbenzene
Concen: 53.277 ug/l
RT: 11.14 min Scan# 3101
Delta R.T. -0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion:105 Resp: 270569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.2 | 23.1 | 69.3 |



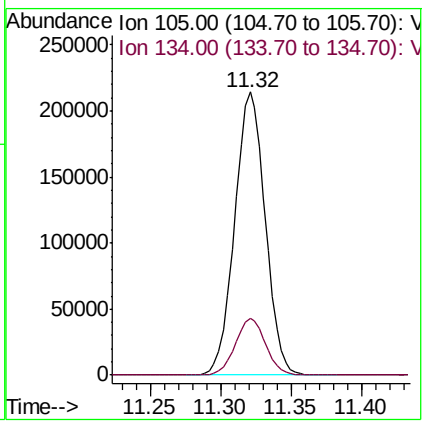


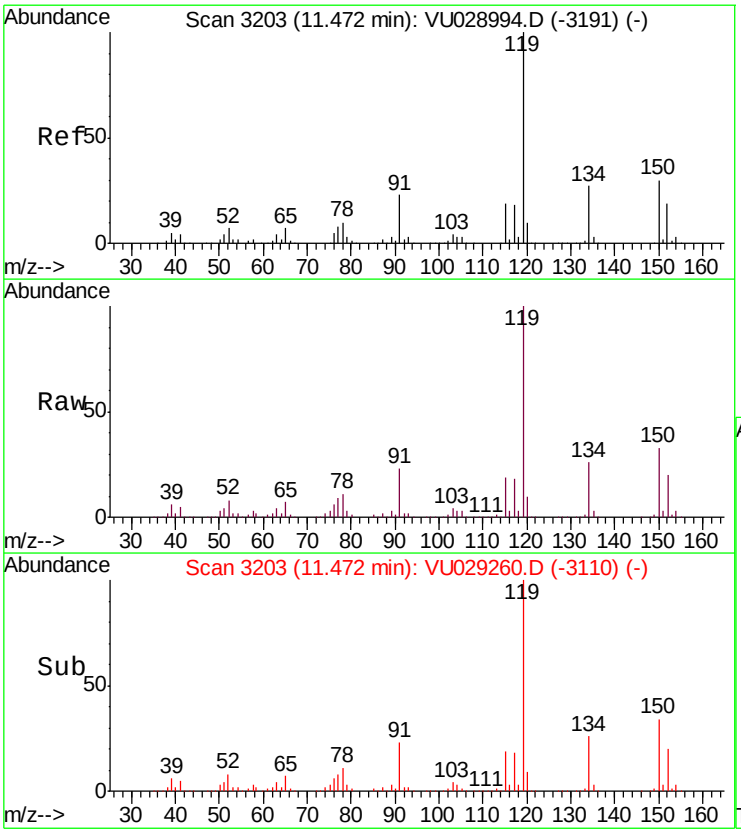

#85
sec-Butylbenzene
Concen: 53.701 ug/l
RT: 11.32 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:105 Resp: 325611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 19.8 | 9.7 | 29.1 |

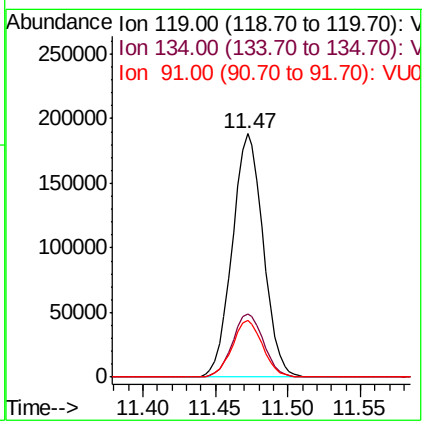


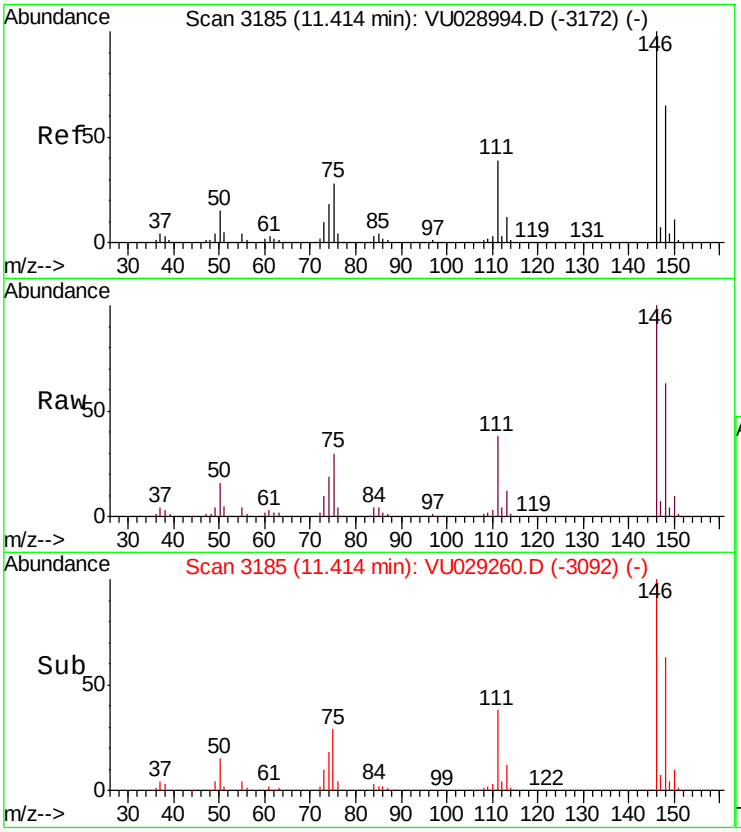




#86
p-Isopropyltoluene
Concen: 53.809 ug/l
RT: 11.47 min Scan# 3203
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion:119 Resp: 278017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 26.3 | 13.5 | 40.4 |
| 91 | 22.9 | 11.3 | 33.8 |



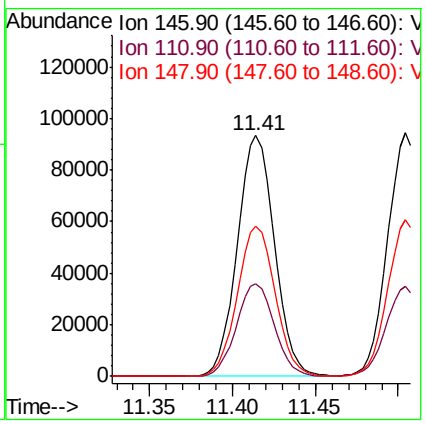


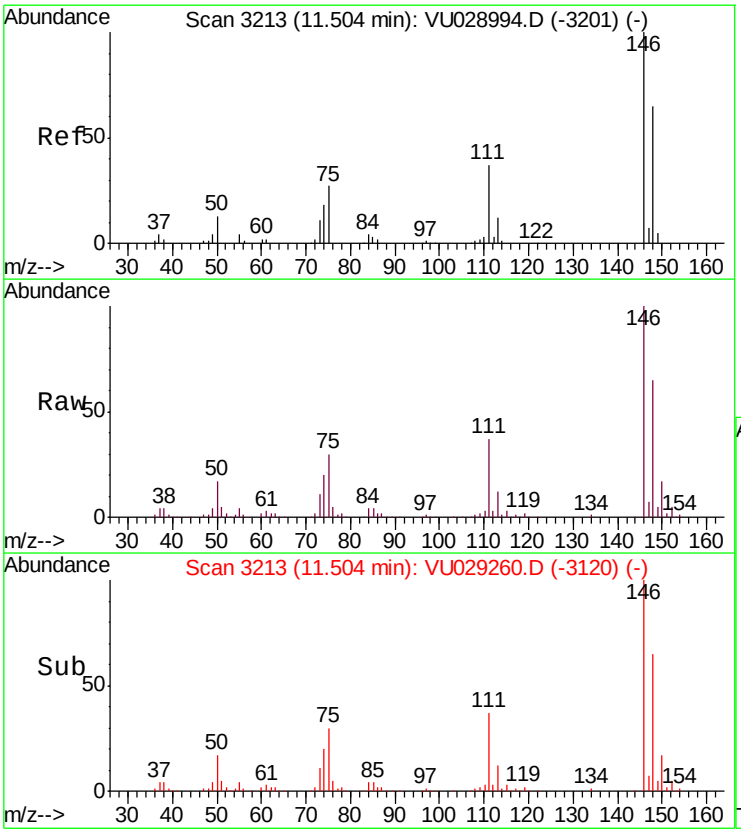

#87
1,3-Dichlorobenzene
Concen: 50.169 ug/l
RT: 11.41 min Scan# 3185
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:146 Resp: 146074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.1 | 19.3 | 57.8 |
| 148 | 63.4 | 32.5 | 97.5 |

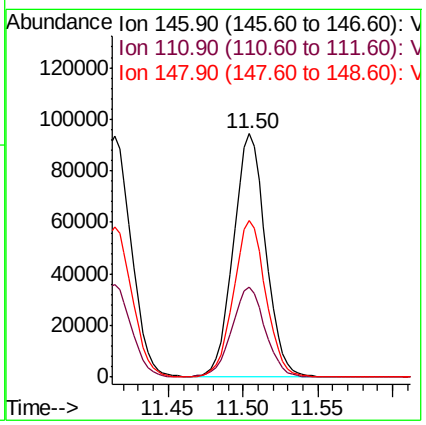


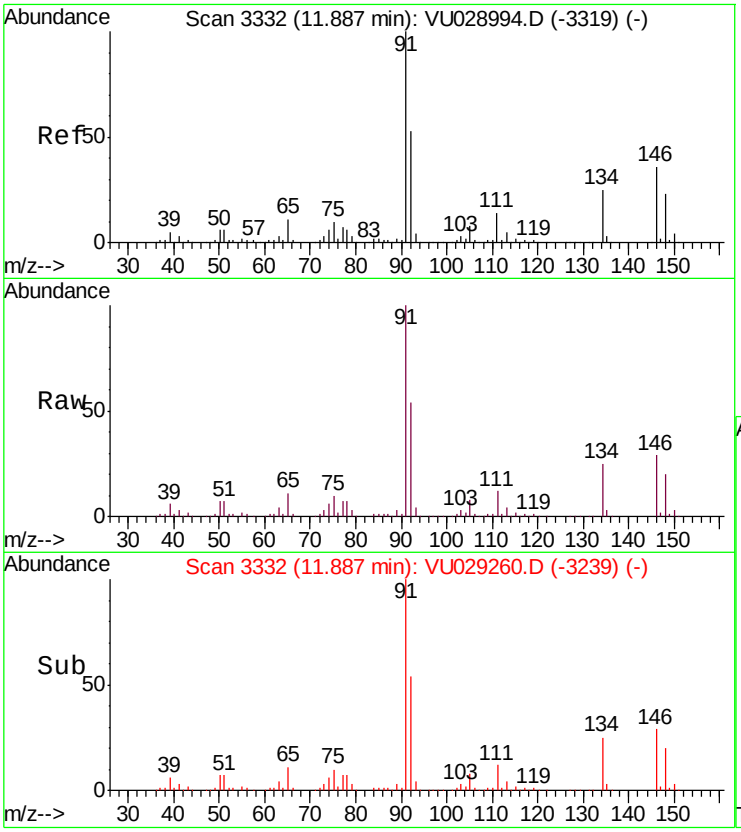




#88
1,4-Dichlorobenzene
Concen: 47.085 ug/l
RT: 11.50 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion:146 Resp: 141511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.3 | 19.1 | 57.3 |
| 148 | 64.3 | 32.6 | 98.0 |



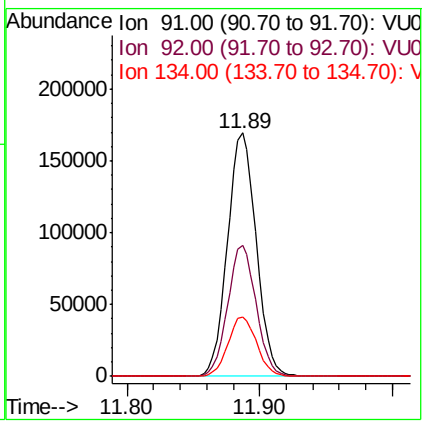


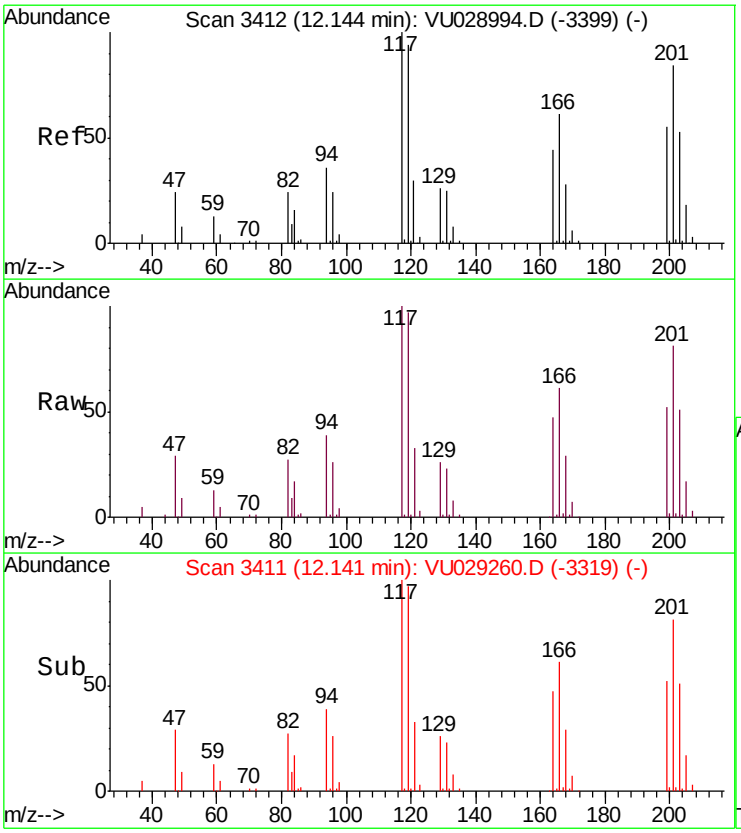

#89
n-Butylbenzene
Concen: 55.275 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :** MSVOA_U
**ClientSampleId :** VSTDCCC050EC

Tgt Ion: 91 Resp: 254899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 53.0 | 26.2 | 78.5 |
| 134 | 24.3 | 12.6 | 37.6 |

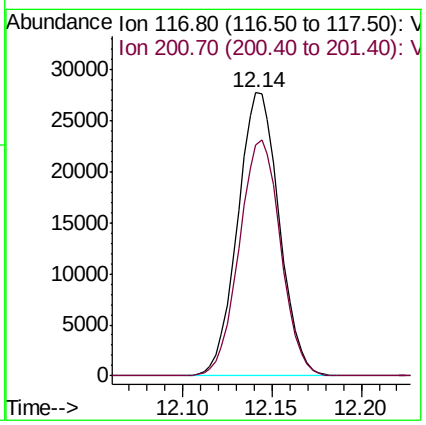


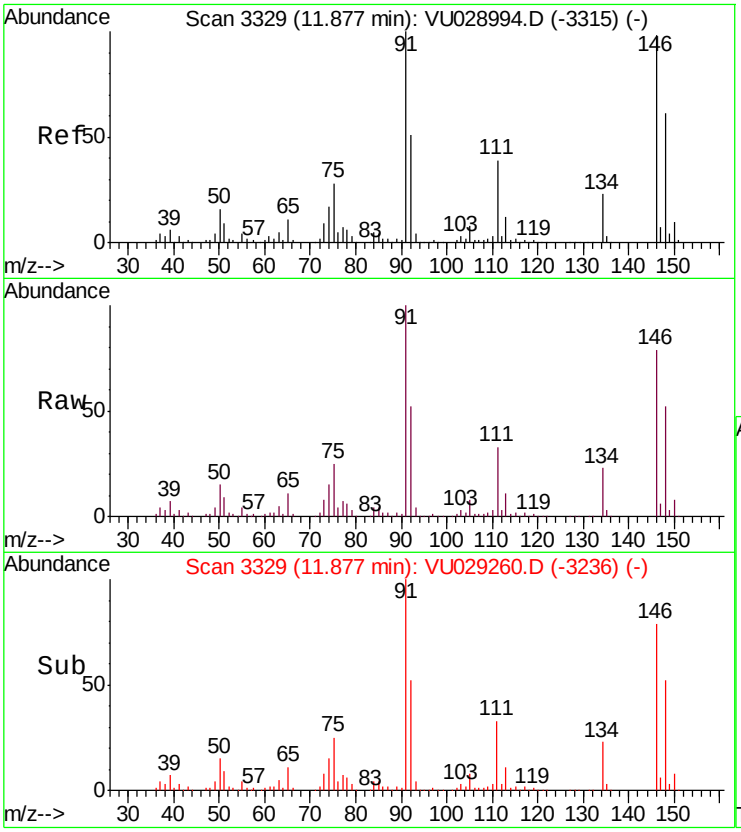




#90
Hexachloroethane
Concen: 51.835 ug/l
RT: 12.14 min Scan# 3411
Delta R.T. -0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion:117 Resp: 45055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 83.0 | 42.4 | 127.3 |



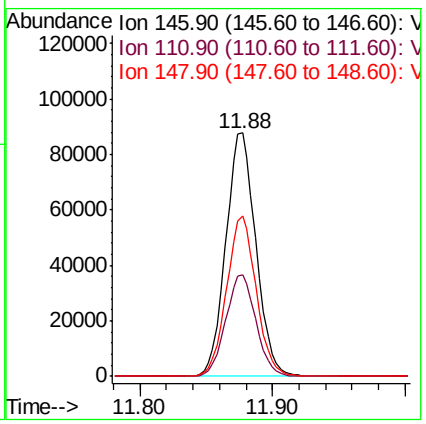


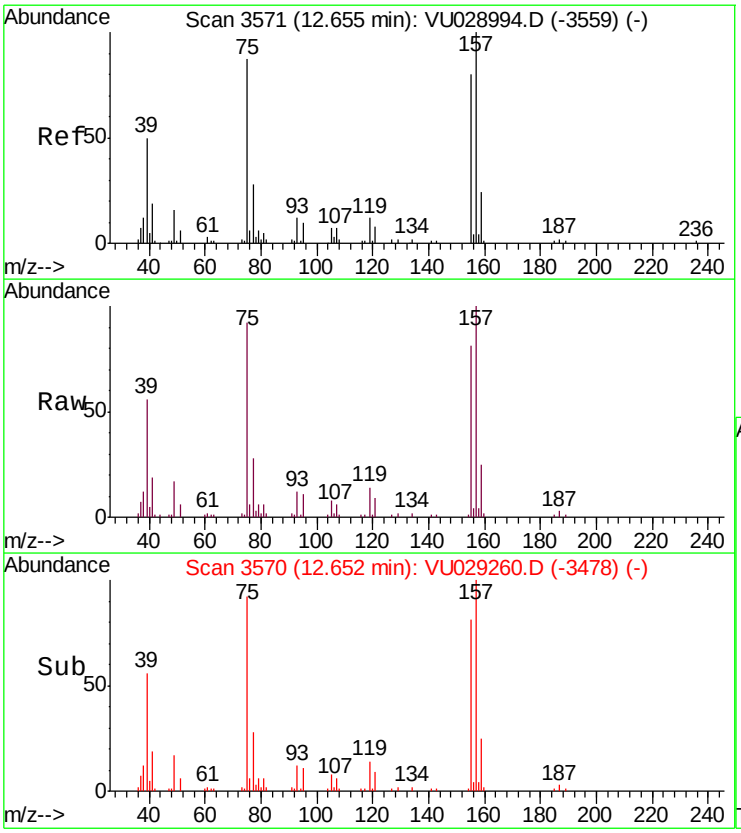

#91
1,2-Dichlorobenzene
Concen: 47.126 ug/l
RT: 11.88 min Scan# 3329
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:146 Resp: 138204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 41.9 | 20.0 | 59.9 |
| 148 | 64.5 | 31.6 | 94.8 |

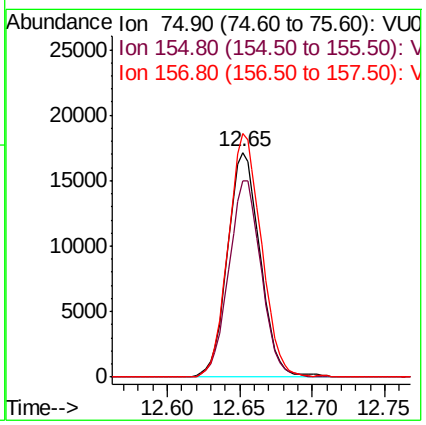


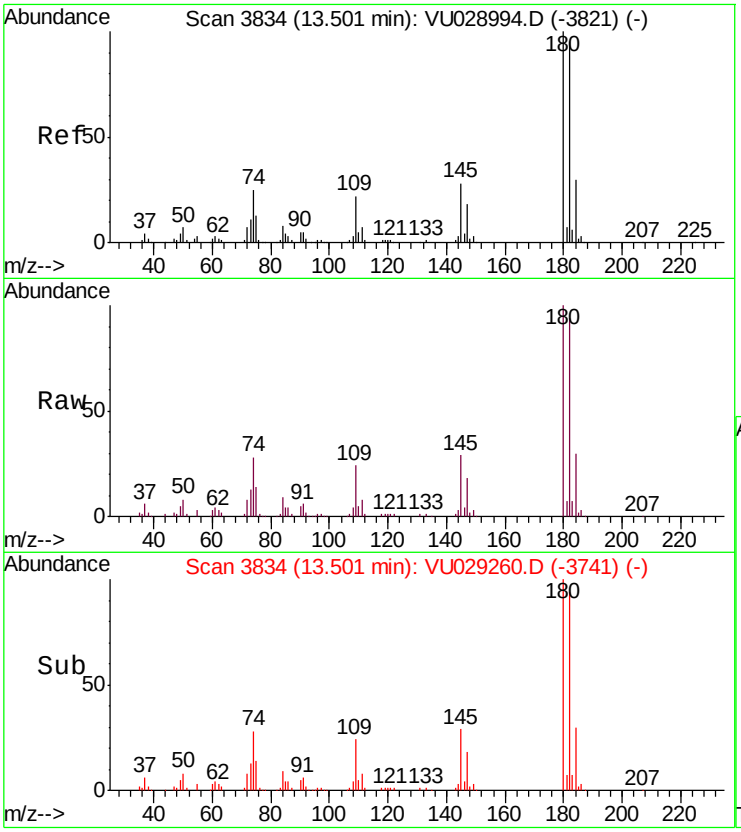




#92
1,2-Dibromo-3-Chloropropane
Concen: 56.978 ug/l
RT: 12.65 min Scan# 3570
Delta R.T. -0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion: 75 Resp: 26754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 87.0 | 46.3 | 138.8 |
| 157 | 109.7 | 57.4 | 172.0 |



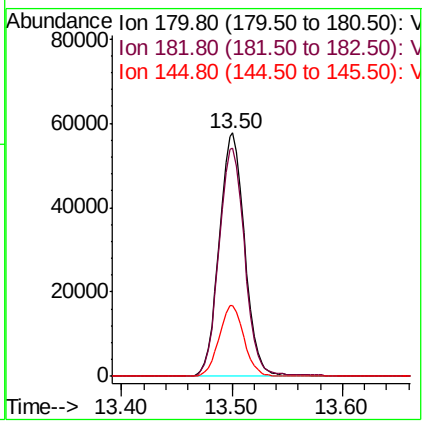


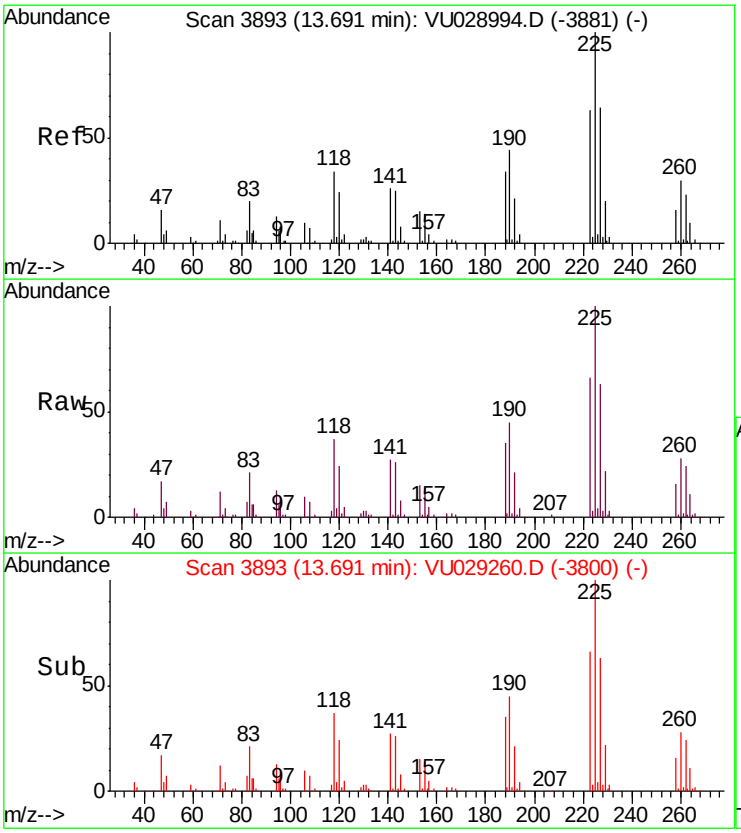

#93
1,2,4-Trichlorobenzene
Concen: 49.538 ug/l
RT: 13.50 min Scan# 3834
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:180 Resp: 92739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.8 | 47.5 | 142.6 |
| 145 | 28.4 | 14.0 | 42.0 |

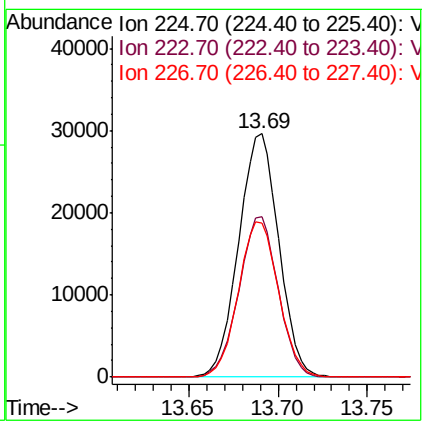


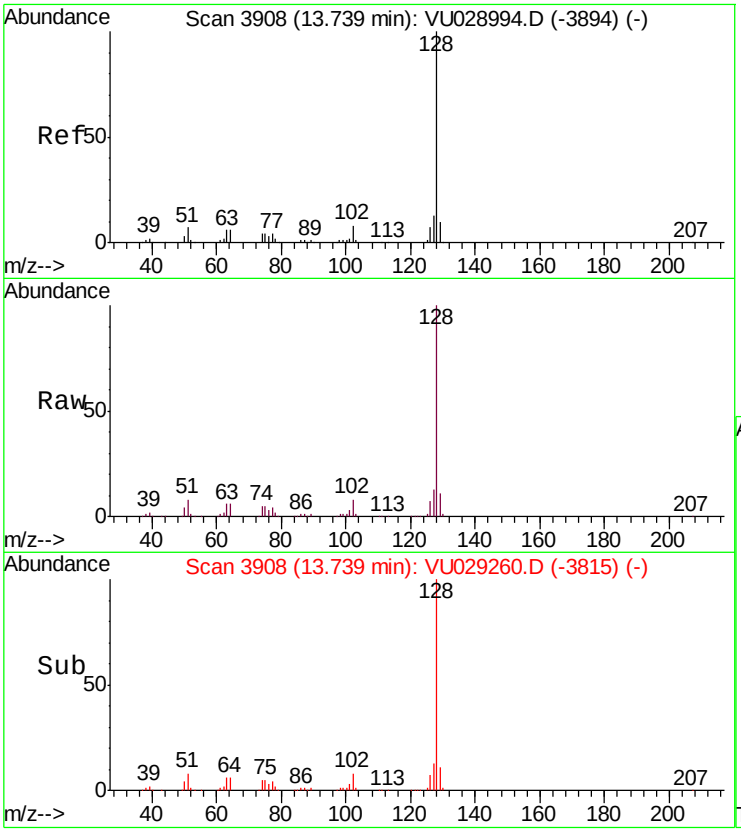




#94
Hexachlorobutadiene
Concen: 54.485 ug/l
RT: 13.69 min Scan# 3893
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion:225 Resp: 46654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.2 | 31.4 | 94.0 |
| 227 | 63.8 | 31.9 | 95.5 |



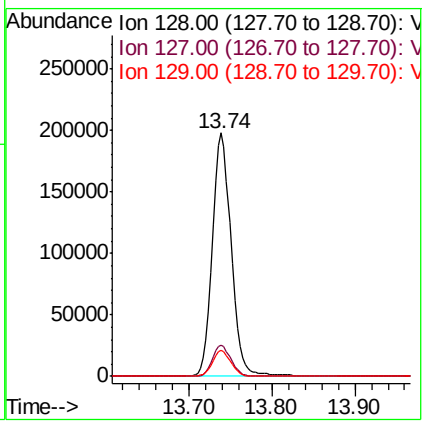


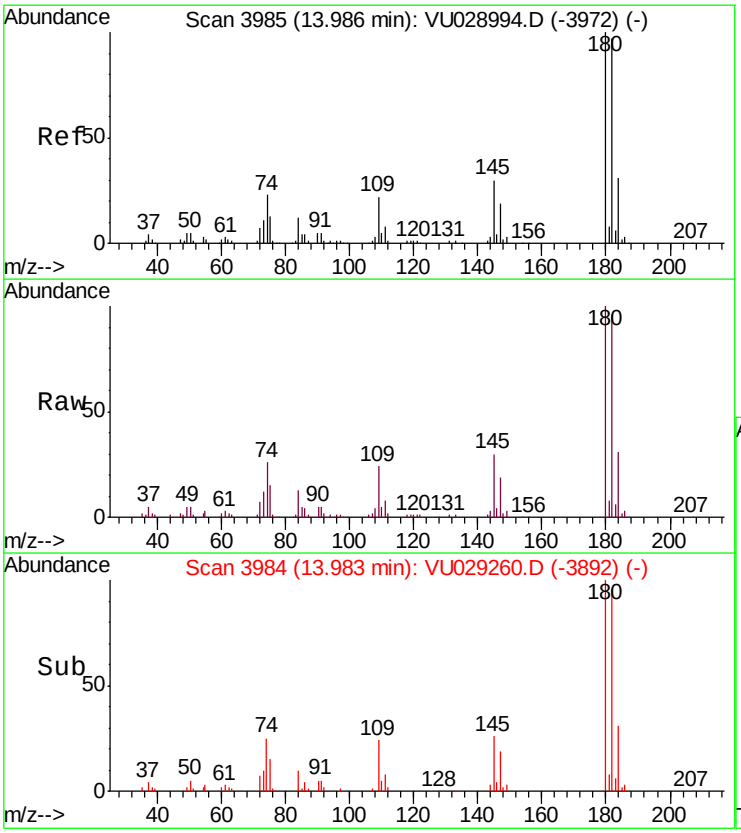

#95
Naphthalene
Concen: 49.130 ug/l
RT: 13.74 min Scan# 3908
Delta R.T. 0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTDCCC050EC

Tgt Ion:128 Resp: 312876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.8 | 10.1 | 15.1 |
| 129 | 10.4 | 8.5 | 12.7 |




#96
1,2,3-Trichlorobenzene
Concen: 51.577 ug/l
RT: 13.98 min Scan# 3984
Delta R.T. -0.00 min
Lab File: VU029260.D
Acq: 21 Jan 2019 19:44

Tgt Ion:180 Resp: 99447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.8 | 48.1 | 144.3 |
| 145 | 30.1 | 14.8 | 44.4 |