Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111318\
Data File : VU028108.D
Acq On : 13 Nov 2018 21:43
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Nov 14 07:03:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 02 02:28:20 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 4.99 | 168 | 208601 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 5.89 | 114 | 359803 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 9.09 | 117 | 333228 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 11.48 | 152 | 163727 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.31 | 65 | 162516 | 52.40 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 104.80% | | | |
| 35) Dibromofluoromethane | 4.88 | 113 | 123473 | 54.43 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 108.86% | | | |
| 50) Toluene-d8 | 7.57 | 98 | 482089 | 55.01 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 110.02% | | | |
| 62) 4-Bromofluorobenzene | 10.31 | 95 | 180095 | 55.72 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 111.44% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.21 | 85 | 104444 | 39.403 | ug/l | 99 |
| 3) Chloromethane | 1.33 | 50 | 156669 | 48.872 | ug/l | 98 |
| 4) Vinyl Chloride | 1.40 | 62 | 163132 | 51.272 | ug/l | 100 |
| 5) Bromomethane | 1.61 | 94 | 82175 | 60.300 | ug/l | 96 |
| 6) Chloroethane | 1.69 | 64 | 99435 | 54.231 | ug/l | 100 |
| 7) Trichlorofluoromethane | 1.88 | 101 | 188056 | 51.149 | ug/l | 95 |
| 8) Diethyl Ether | 2.11 | 74 | 90134 | 57.255 | ug/l | 100 |
| 9) 1,1,2-Trichlorotrifluoroet | 2.29 | 101 | 115605 | 52.930 | ug/l | 98 |
| 10) Methyl Iodide | 2.41 | 142 | 136623 | 65.300 | ug/l | 98 |
| 11) Tert butyl alcohol | 2.83 | 59 | 213706 | 260.287 | ug/l | 100 |
| 12) 1,1-Dichloroethene | 2.28 | 96 | 112286 | 51.360 | ug/l | 94 |
| 13) Acrolein | 2.20 | 56 | 85428 | 283.781 | ug/l | 98 |
| 14) Allyl chloride | 2.59 | 41 | 241940 | 45.279 | ug/l | 96 |
| 15) Acrylonitrile | 2.94 | 53 | 516028 | 255.864 | ug/l | 99 |
| 16) Acetone | 2.32 | 43 | 444796 | 231.158 | ug/l | 99 |
| 17) Carbon Disulfide | 2.48 | 76 | 326442 | 45.682 | ug/l | 99 |
| 18) Methyl Acetate | 2.62 | 43 | 270100 | 51.028 | ug/l | 95 |
| 19) Methyl tert-butyl Ether | 3.00 | 73 | 457409 | 51.881 | ug/l | 99 |
| 20) Methylene Chloride | 2.70 | 84 | 142304 | 50.651 | ug/l | 98 |
| 21) trans-1,2-Dichloroethene | 2.98 | 96 | 122163 | 48.419 | ug/l | 99 |
| 22) Diisopropyl ether | 3.58 | 45 | 542298 | 49.160 | ug/l | 99 |
| 23) Vinyl Acetate | 3.53 | 43 | 2329398 | 245.699 | ug/l | 98 |
| 24) 1,1-Dichloroethane | 3.45 | 63 | 270424 | 49.215 | ug/l | 99 |
| 25) 2-Butanone | 4.26 | 43 | 741711 | 242.291 | ug/l | 97 |
| 26) 2,2-Dichloropropane | 4.23 | 77 | 200611 | 48.650 | ug/l | 100 |
| 27) cis-1,2-Dichloroethene | 4.23 | 96 | 147766 | 52.227 | ug/l | 98 |
| 28) Bromochloromethane | 4.55 | 49 | 132955 | 51.614 | ug/l | 96 |
| 29) Tetrahydrofuran | 4.64 | 42 | 475621 | 232.679 | ug/l | 96 |
| 30) Chloroform | 4.67 | 83 | 248652 | 49.354 | ug/l | 97 |
| 31) Cyclohexane | 5.00 | 56 | 253375 | 46.885 | ug/l | 97 |
| 32) 1,1,1-Trichloroethane | 4.92 | 97 | 203606 | 50.769 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 5.14 | 75 | 185019 | 49.098 | ug/l | 99 |
| 37) Ethyl Acetate | 4.38 | 43 | 263870 | 47.790 | ug/l | 98 |
| 38) Carbon Tetrachloride | 5.14 | 117 | 163533 | 48.969 | ug/l | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111318\
Data File : VU028108.D
Acq On : 13 Nov 2018 21:43
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Nov 14 07:03:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 02 02:28:20 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 6.42 | 83 | 222436 | 48.940 | ug/l | | 97 |
| 40) Benzene | 5.39 | 78 | 583253 | 50.624 | ug/l | | 99 |
| 41) Methacrylonitrile | 4.54 | 41 | 149056 | 50.585 | ug/l | | 96 |
| 42) 1,2-Dichloroethane | 5.40 | 62 | 205684 | 50.225 | ug/l | | 99 |
| 43) Isopropyl Acetate | 5.55 | 43 | 427190 | 49.383 | ug/l | | 99 |
| 44) Trichloroethene | 6.19 | 130 | 128115 | 51.732 | ug/l | | 98 |
| 45) 1,2-Dichloropropane | 6.43 | 63 | 167499 | 50.411 | ug/l | | 97 |
| 46) Dibromomethane | 6.56 | 93 | 100798 | 52.777 | ug/l | | 96 |
| 47) Bromodichloromethane | 6.76 | 83 | 192138 | 52.203 | ug/l | | 99 |
| 48) Methyl methacrylate | 6.62 | 41 | 217292 | 51.259 | ug/l | | 97 |
| 49) 1,4-Dioxane | 6.61 | 88 | 84216 | 1217.676 | ug/l | | 93 |
| 51) 4-Methyl-2-Pentanone | 7.46 | 43 | 1419616 | 245.733 | ug/l | | 98 |
| 52) Toluene | 7.64 | 92 | 344406 | 50.848 | ug/l | | 100 |
| 53) t-1,3-Dichloropropene | 7.88 | 75 | 223124 | 48.910 | ug/l | | 98 |
| 54) cis-1,3-Dichloropropene | 7.27 | 75 | 241353 | 53.193 | ug/l | | 98 |
| 55) 1,1,2-Trichloroethane | 8.07 | 97 | 145866 | 52.933 | ug/l | | 97 |
| 56) Ethyl methacrylate | 8.02 | 69 | 256145 | 52.709 | ug/l | | 98 |
| 57) 1,3-Dichloropropane | 8.24 | 76 | 256029 | 51.005 | ug/l | | 98 |
| 58) 2-Chloroethyl Vinyl ether | 7.13 | 63 | 688255 | 264.441 | ug/l | | 98 |
| 59) 2-Hexanone | 8.36 | 43 | 1108069 | 247.991 | ug/l | | 97 |
| 60) Dibromochloromethane | 8.48 | 129 | 140558 | 53.903 | ug/l | | 99 |
| 61) 1,2-Dibromoethane | 8.59 | 107 | 152150 | 51.962 | ug/l | | 99 |
| 64) Tetrachloroethene | 8.23 | 164 | 111313 | 51.516 | ug/l | | 99 |
| 65) Chlorobenzene | 9.12 | 112 | 360810 | 51.250 | ug/l | | 98 |
| 66) 1,1,1,2-Tetrachloroethane | 9.21 | 131 | 128113 | 53.276 | ug/l | | 98 |
| 67) Ethyl Benzene | 9.25 | 91 | 678601 | 52.366 | ug/l | | 99 |
| 68) m/p-Xylenes | 9.38 | 106 | 492722 | 104.791 | ug/l | | 98 |
| 69) o-Xylene | 9.78 | 106 | 248749 | 52.391 | ug/l | | 99 |
| 70) Styrene | 9.79 | 104 | 403589 | 53.199 | ug/l | | 99 |
| 71) Bromoform | 9.96 | 173 | 107432 | 53.308 | ug/l | # | 98 |
| 73) Isopropylbenzene | 10.17 | 105 | 659878 | 52.025 | ug/l | | 100 |
| 74) N-amyl acetate | 10.01 | 43 | 391636 | 51.063 | ug/l | | 98 |
| 75) 1,1,2,2-Tetrachloroethane | 10.46 | 83 | 262065 | 51.222 | ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 10.49 | 75 | 307641 | 68.694 | ug/l | | 82 |
| 77) Bromobenzene | 10.45 | 156 | 155115 | 53.333 | ug/l | | 98 |
| 78) n-propylbenzene | 10.59 | 91 | 793792 | 52.284 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 10.66 | 91 | 463491 | 50.931 | ug/l | | 100 |
| 80) 1,3,5-Trimethylbenzene | 10.77 | 105 | 548873 | 52.238 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-buten | 10.49 | 75 | 307641 | 170.876 | ug/l | # | 100 |
| 82) 4-Chlorotoluene | 10.77 | 91 | 527730 | 51.080 | ug/l | | 99 |
| 83) tert-Butylbenzene | 11.10 | 119 | 534132 | 50.850 | ug/l | | 100 |
| 84) 1,2,4-Trimethylbenzene | 11.15 | 105 | 561828 | 53.102 | ug/l | | 99 |
| 85) sec-Butylbenzene | 11.32 | 105 | 670301 | 52.471 | ug/l | | 100 |
| 86) p-Isopropyltoluene | 11.48 | 119 | 562111 | 52.636 | ug/l | | 100 |
| 87) 1,3-Dichlorobenzene | 11.42 | 146 | 279993 | 52.115 | ug/l | | 100 |
| 88) 1,4-Dichlorobenzene | 11.51 | 146 | 280375 | 50.915 | ug/l | | 99 |
| 89) n-Butylbenzene | 11.89 | 91 | 536607 | 52.871 | ug/l | | 100 |
| 90) Hexachloroethane | 12.15 | 117 | 97413 | 51.235 | ug/l | | 97 |
| 91) 1,2-Dichlorobenzene | 11.88 | 146 | 283518 | 52.475 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 12.66 | 75 | 57523 | 53.358 | ug/l | | 100 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111318\
Data File : VU028108.D
Acq On : 13 Nov 2018 21:43
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Nov 14 07:03:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 02 02:28:20 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 13.50 | 180 | 185739 | 49.032 | ug/l | 99 |
| 94) Hexachlorobutadiene | 13.69 | 225 | 86580 | 50.420 | ug/l | 98 |
| 95) Naphthalene | 13.74 | 128 | 676361 | 50.363 | ug/l | 99 |
| 96) 1,2,3-Trichlorobenzene | 13.99 | 180 | 190254 | 52.477 | ug/l | 98 |

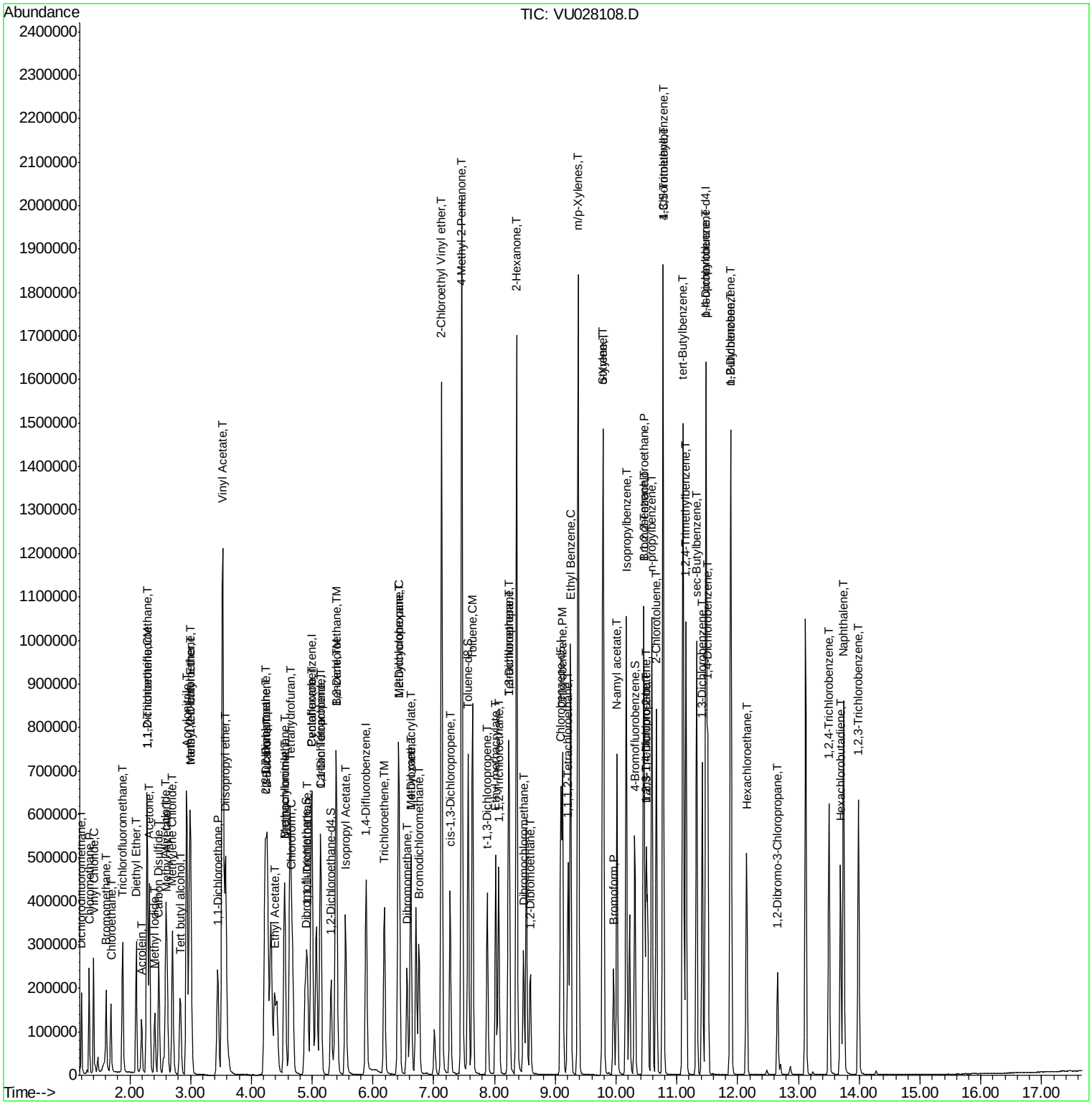
(#) = qualifier out of range (m) = manual integration (+) = signals summed

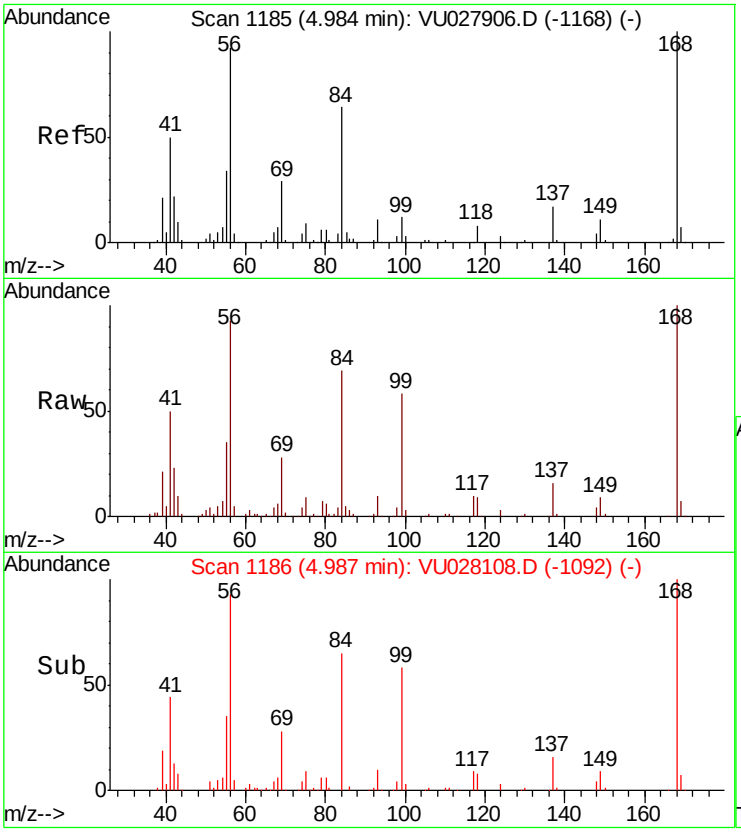
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111318\
Data File : VU028108.D
Acq On : 13 Nov 2018 21:43
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Nov 14 07:03:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 02 02:28:20 2018
Response via : Initial Calibration



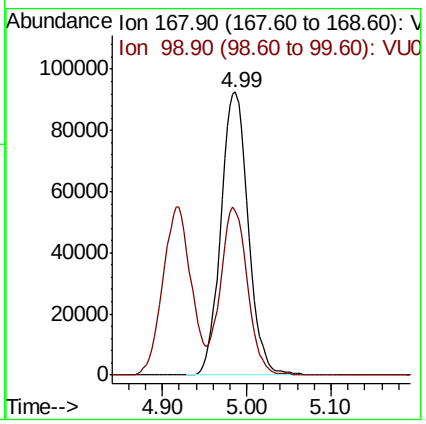


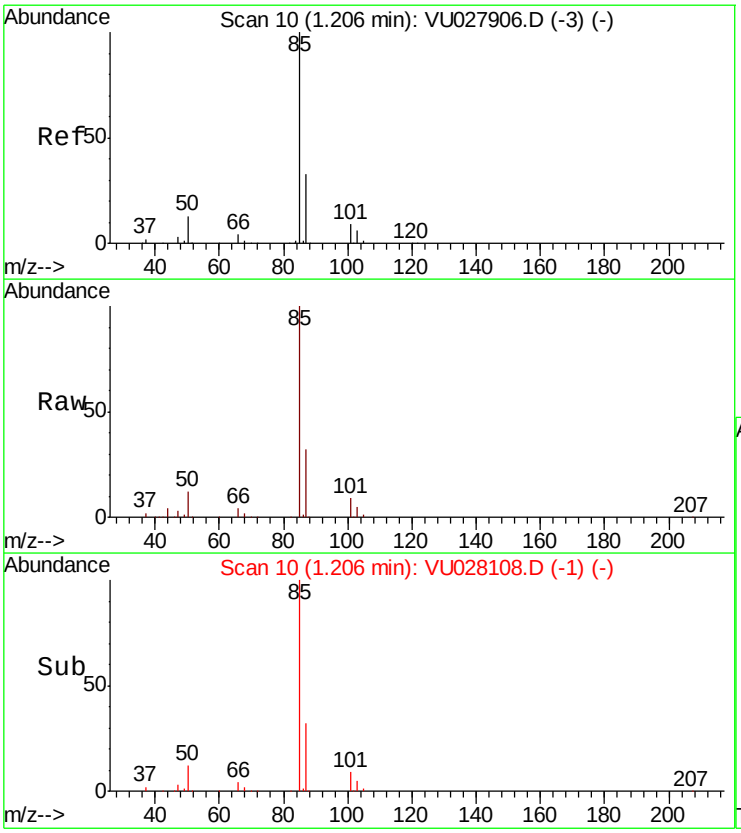

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion:168 Resp: 208601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 57.6 | 47.9 | 71.9 |

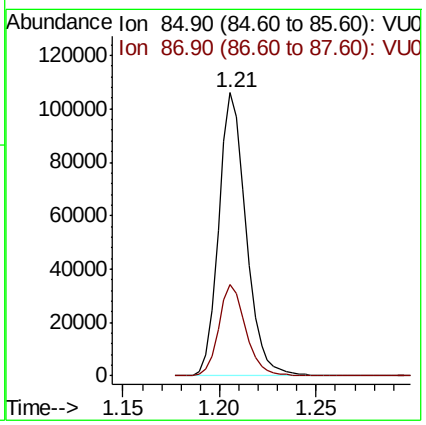


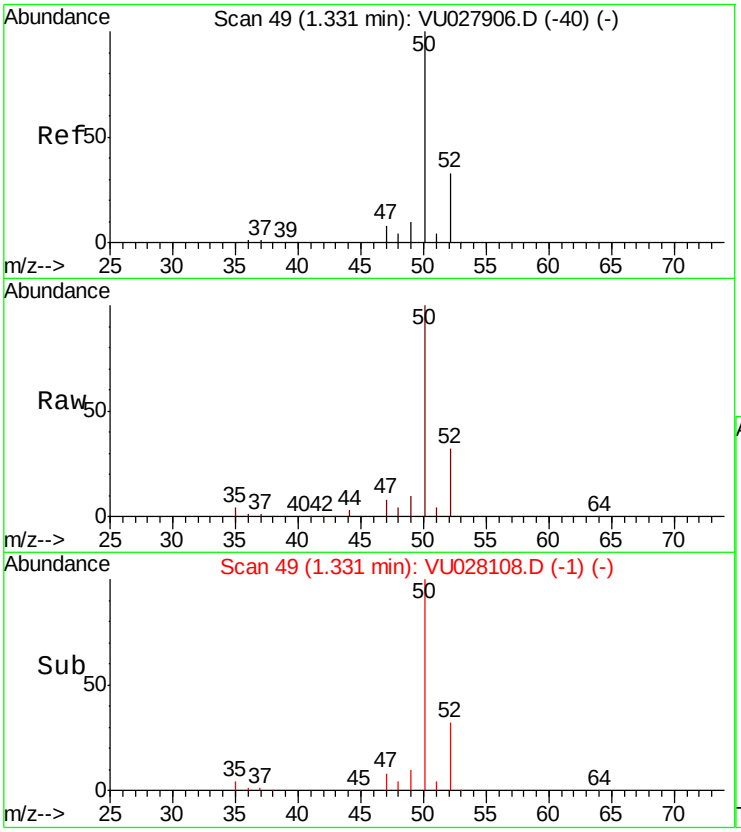




#2
Dichlorodifluoromethane
Concen: 39.403 ug/l
RT: 1.21 min Scan# 10
Delta R.T. 0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion: 85 Resp: 104444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 32.3 | 16.5 | 49.5 |



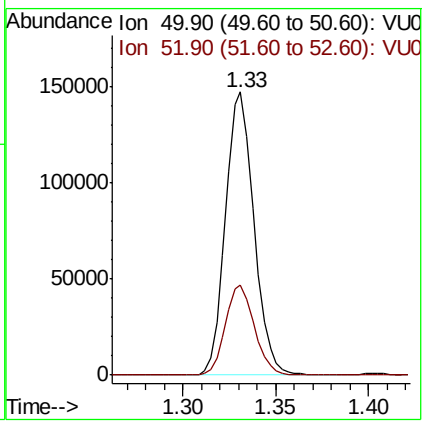


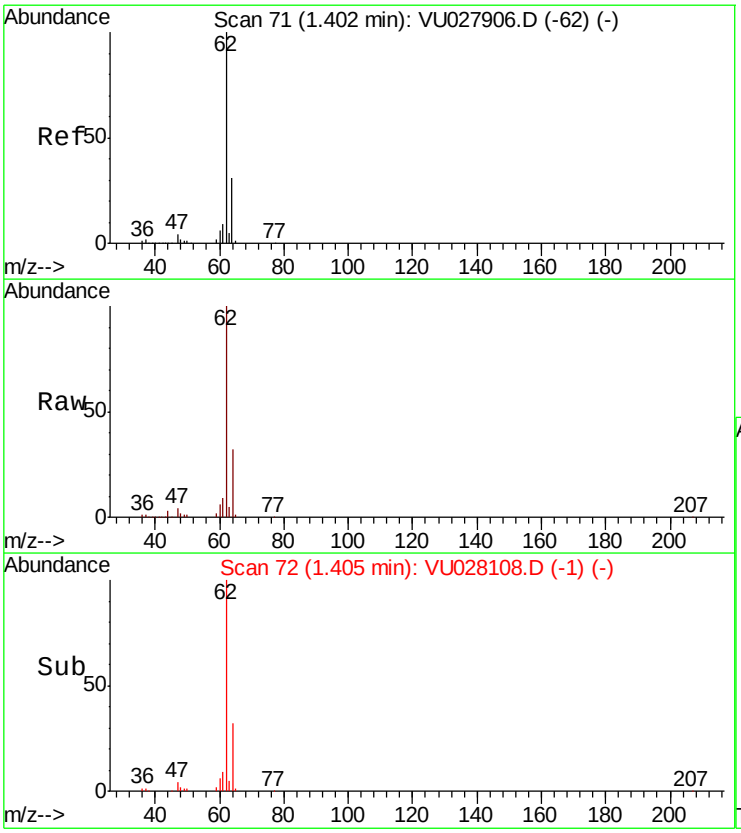

#3
Chloromethane
Concen: 48.872 ug/l
RT: 1.33 min Scan# 49
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion: 50 Resp: 156669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 31.9 | 26.2 | 39.4 |

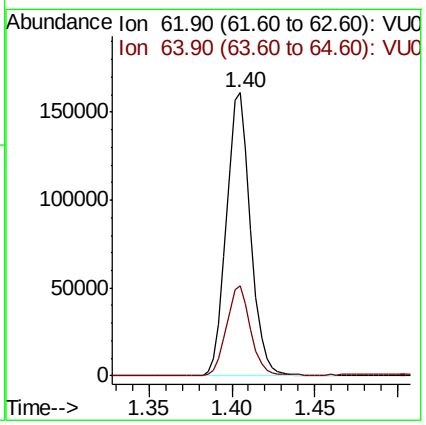


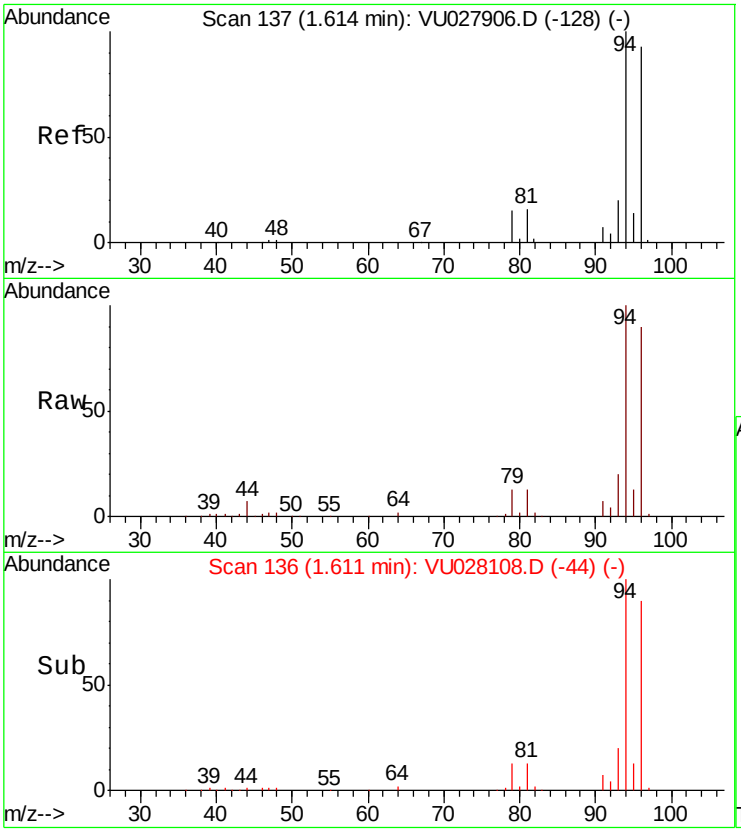




#4
Vinyl Chloride
Concen: 51.272 ug/l
RT: 1.40 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion: 62 Resp: 163132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 31.7 | 25.2 | 37.8 |



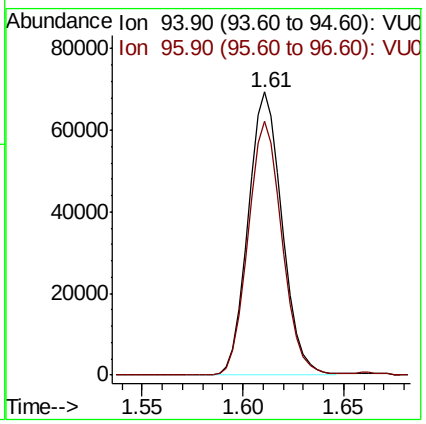


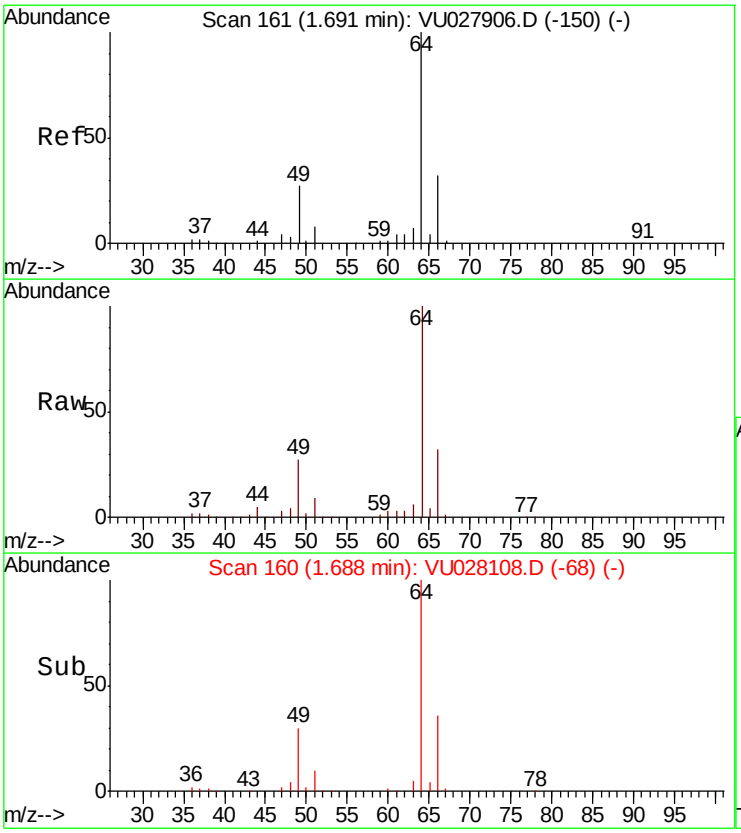

#5
Bromomethane
Concen: 60.300 ug/l
RT: 1.61 min Scan# 136
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion: 94 Resp: 82175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 89.7 | 74.8 | 112.2 |

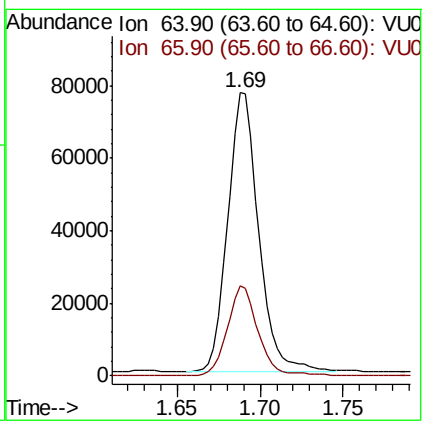


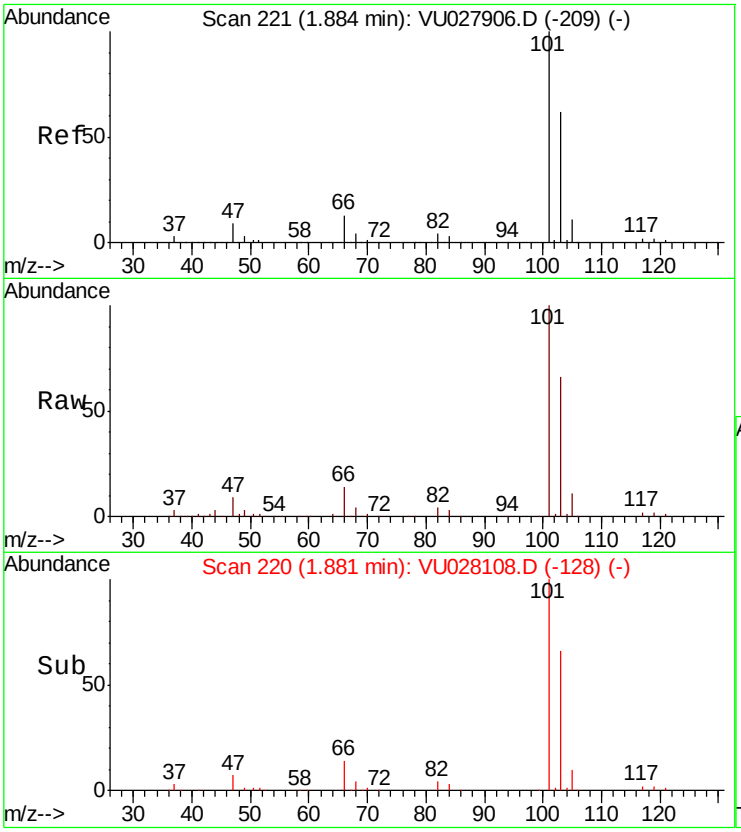




#6
Chloroethane
Concen: 54.231 ug/l
RT: 1.69 min Scan# 160
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion: 64 Resp: 99435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 32.2 | 25.9 | 38.9 |



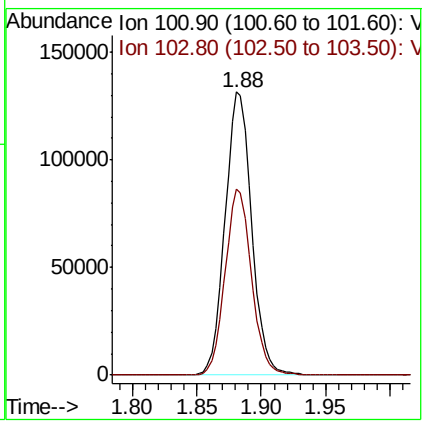


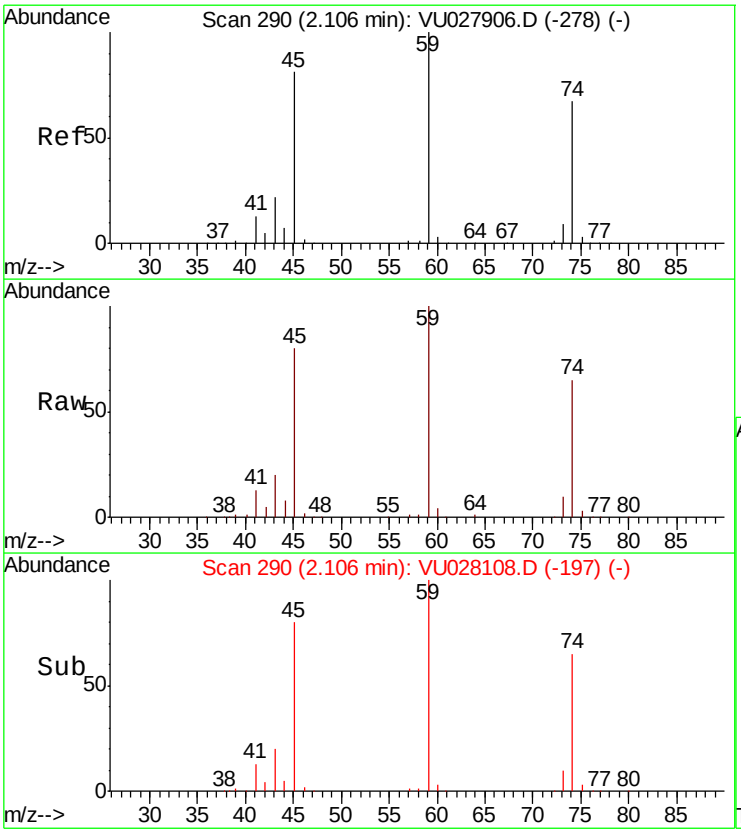

#7
Trichlorofluoromethane
Concen: 51.149 ug/l
RT: 1.88 min Scan# 220
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion:101 Resp: 188056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.9 | 49.4 | 74.2 |

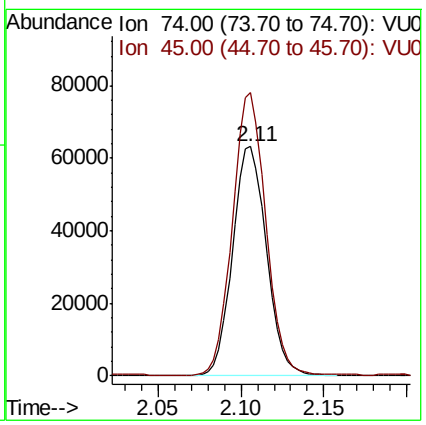


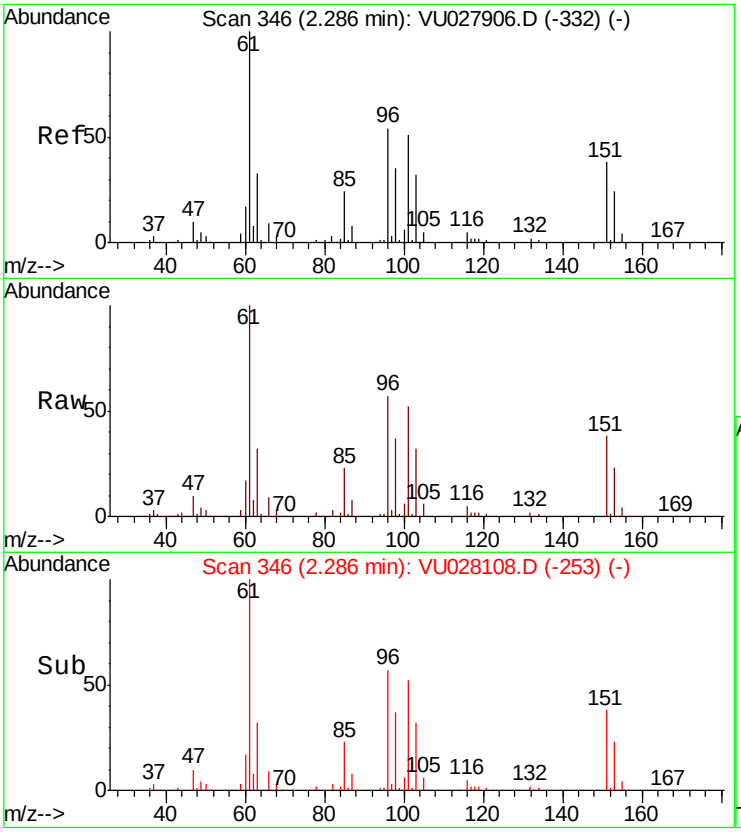




#8
Diethyl Ether
Concen: 57.255 ug/l
RT: 2.11 min Scan# 290
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion: 74 Resp: 90134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 120.5 | 60.5 | 181.5 |



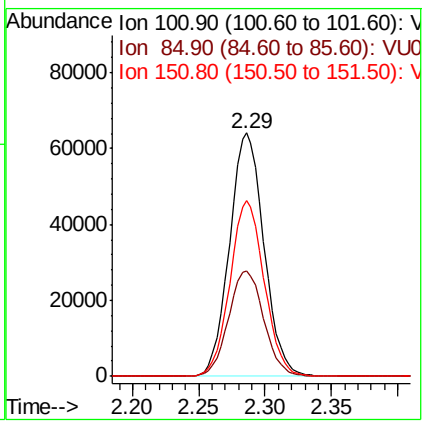


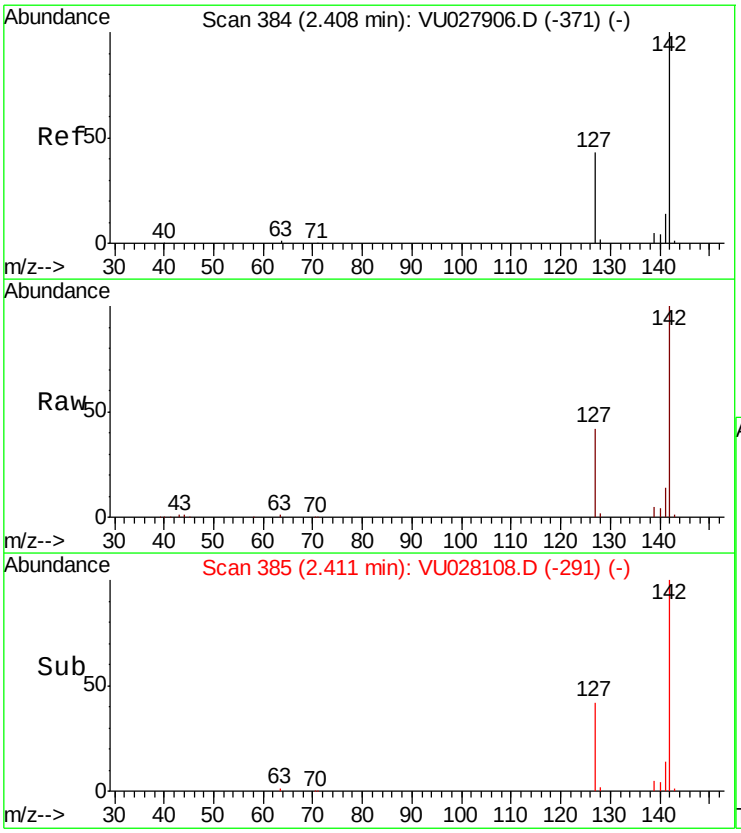

#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.930 ug/l
RT: 2.29 min Scan# 346
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion:101 Resp: 115605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 44.3 | 36.9 | 55.3 |
| 151 | 71.8 | 58.0 | 87.0 |

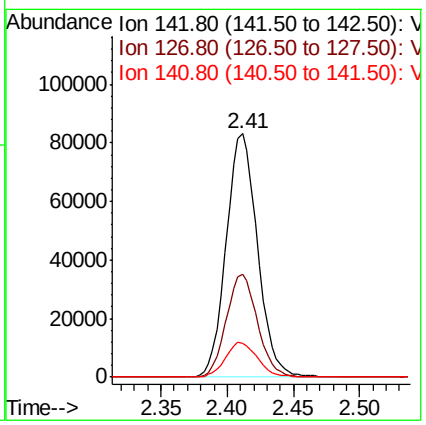


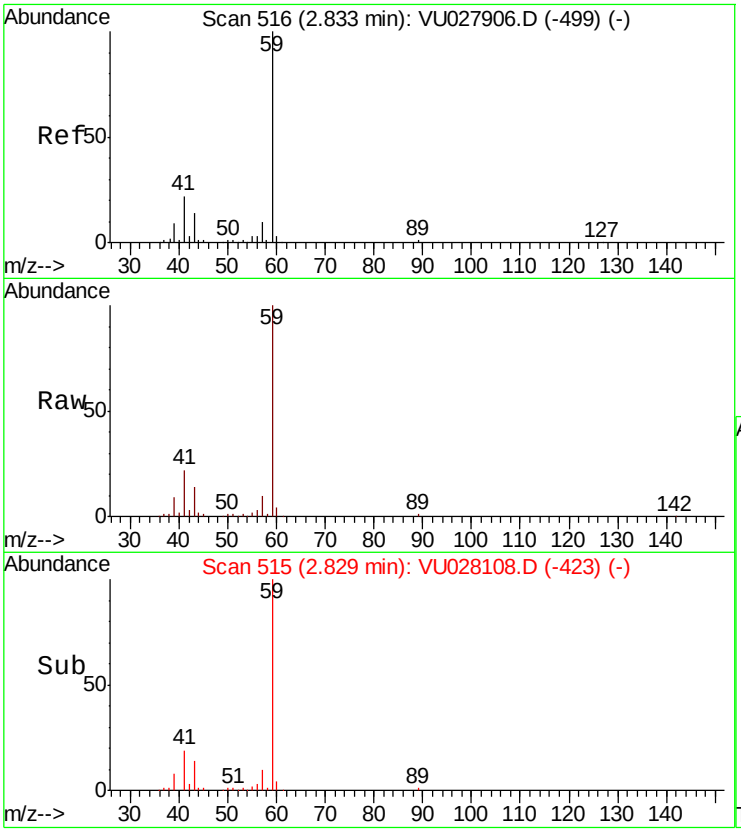




#10
Methyl Iodide
Concen: 65.300 ug/l
RT: 2.41 min Scan# 385
Delta R.T. 0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion:142 Resp: 136623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 42.2 | 35.2 | 52.8 |
| 141 | 14.5 | 11.8 | 17.8 |



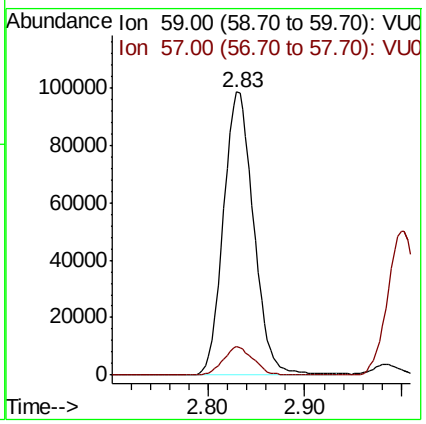


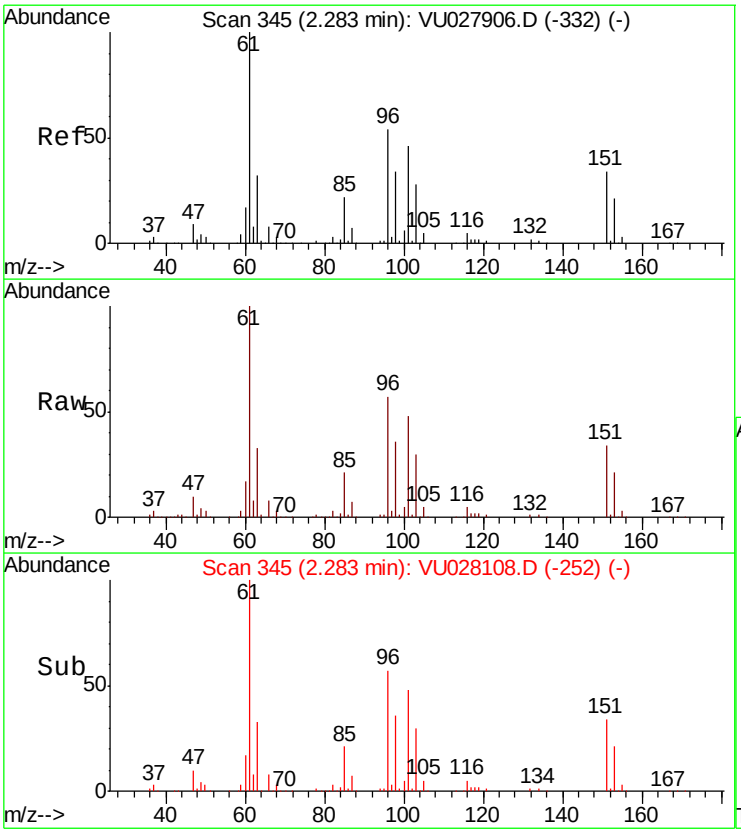

#11
Tert butyl alcohol
Concen: 260.287 ug/l
RT: 2.83 min Scan# 515
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion: 59 Resp: 213706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 9.9 | 7.8 | 11.8 |

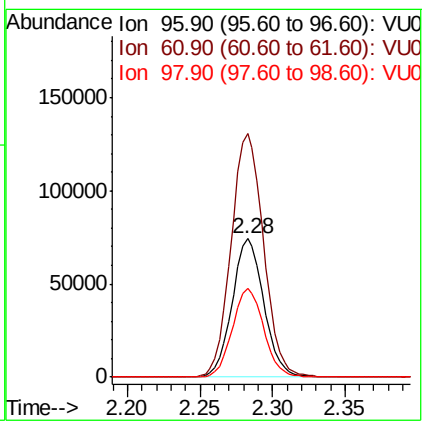


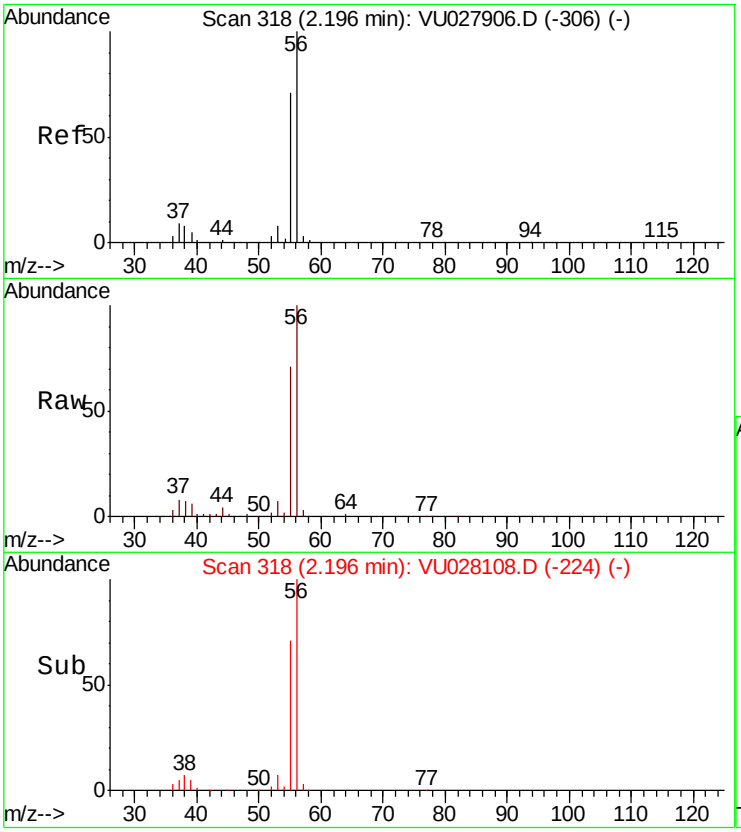




#12
1,1-Dichloroethene
Concen: 51.360 ug/l
RT: 2.28 min Scan# 345
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion: 96 Resp: 112286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 176.1 | 149.3 | 223.9 |
| 98 | 63.8 | 50.6 | 75.8 |



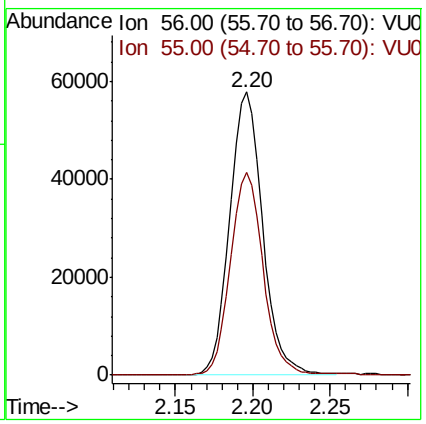


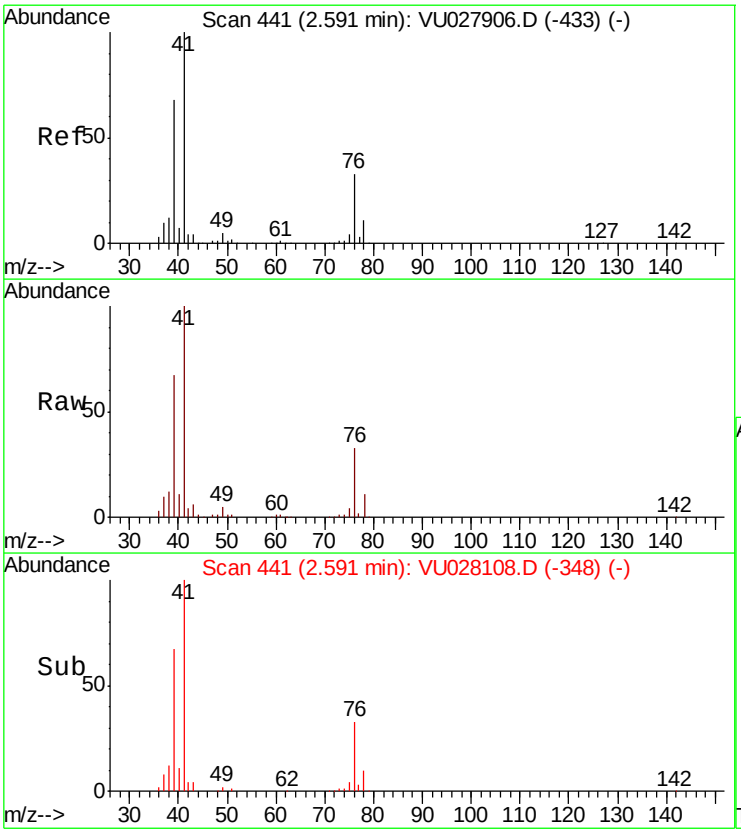

#13
Acrolein
Concen: 283.781 ug/l
RT: 2.20 min Scan# 318
Delta R.T. 0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion: 56 Resp: 85428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 72.0 | 56.2 | 84.4 |

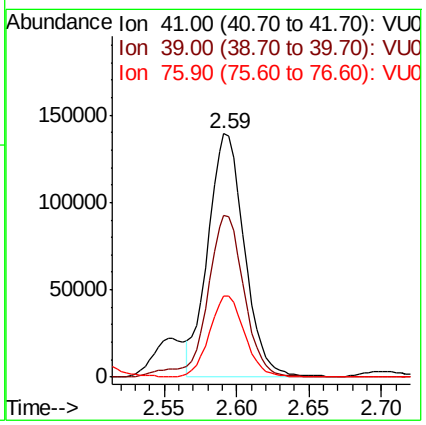


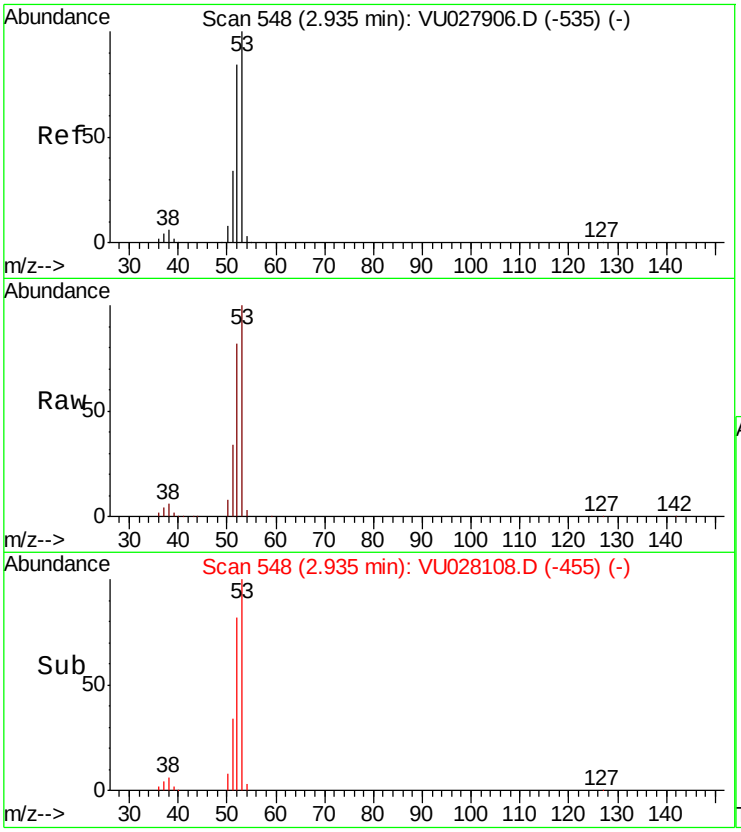




#14
Allyl chloride
Concen: 45.279 ug/l
RT: 2.59 min Scan# 441
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion: 41 Resp: 241940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 67.4 | 51.9 | 77.9 |
| 76 | 32.3 | 23.8 | 35.6 |



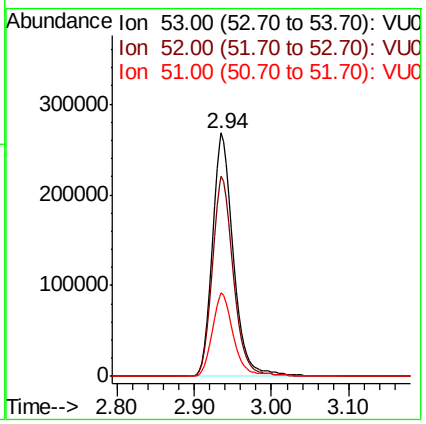


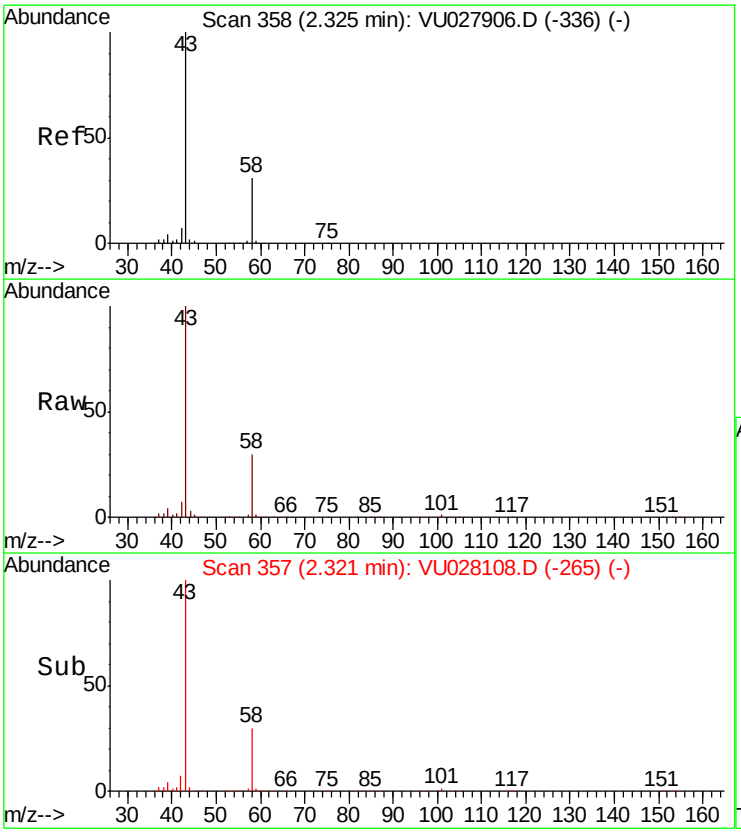

#15
Acrylonitrile
Concen: 255.864 ug/l
RT: 2.94 min Scan# 548
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion: 53 Resp: 516028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 82.2 | 66.2 | 99.2 |
| 51 | 34.9 | 27.0 | 40.4 |

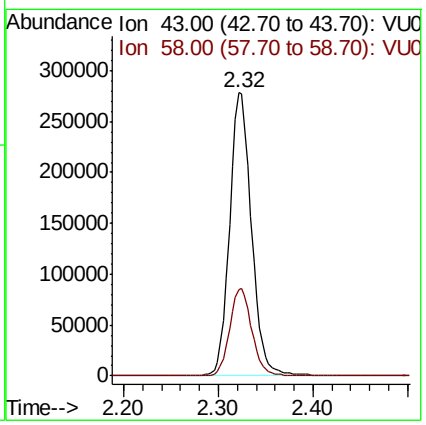


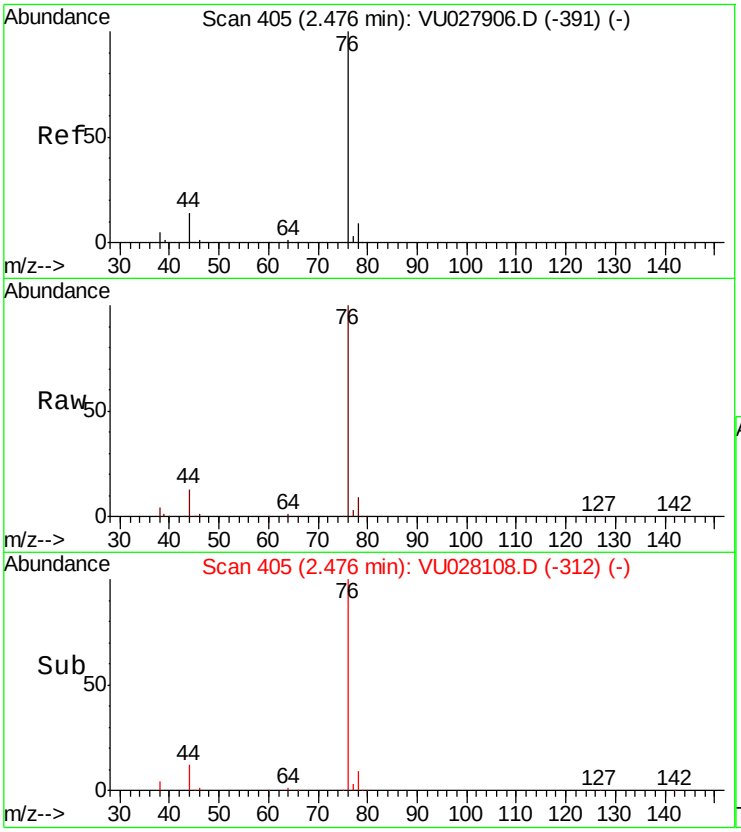




#16
Acetone
Concen: 231.158 ug/l
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion: 43 Resp: 444796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.4 | 24.6 | 37.0 |



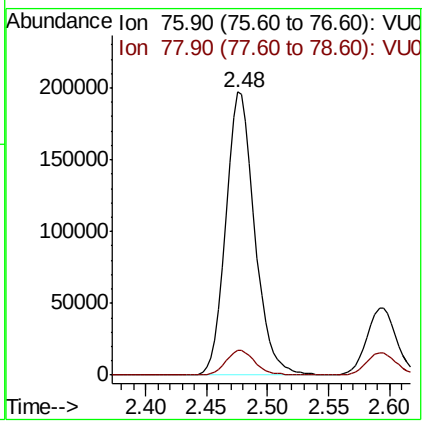


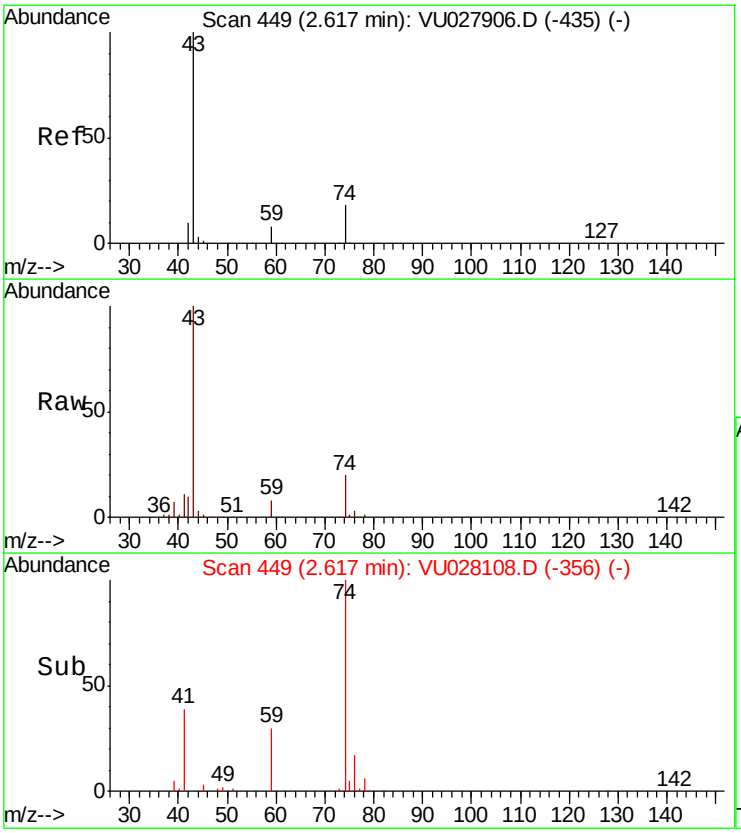

#17
Carbon Disulfide
Concen: 45.682 ug/l
RT: 2.48 min Scan# 405
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion: 76 Resp: 326442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.8 | 7.4 | 11.0 |

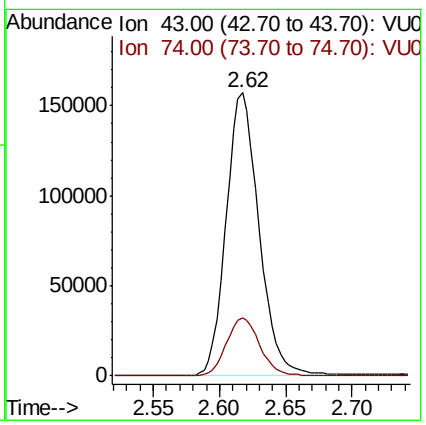


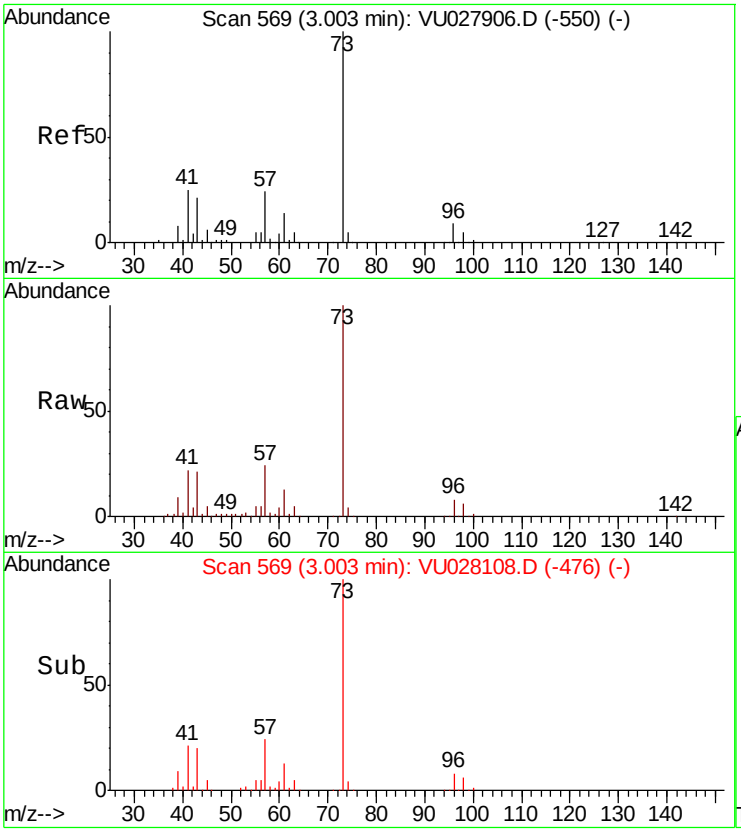




#18
Methyl Acetate
Concen: 51.028 ug/l
RT: 2.62 min Scan# 449
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion: 43 Resp: 270100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 21.0 | 14.9 | 22.3 |



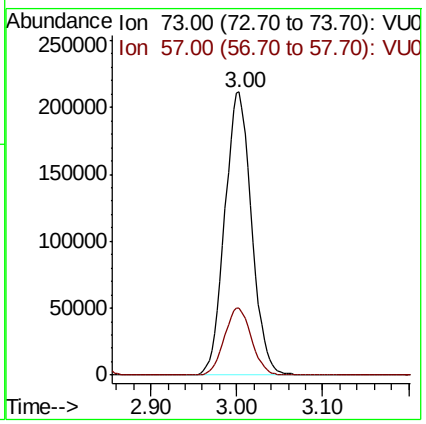


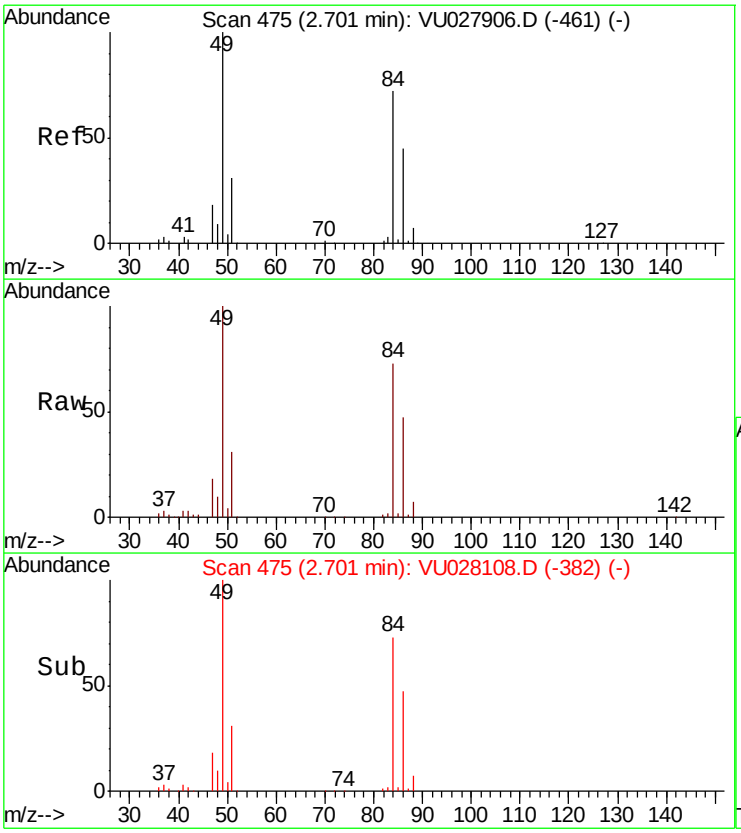

#19
Methyl tert-butyl Ether
Concen: 51.881 ug/l
RT: 3.00 min Scan# 569
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion: 73 Resp: 457409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 23.6 | 19.3 | 28.9 |

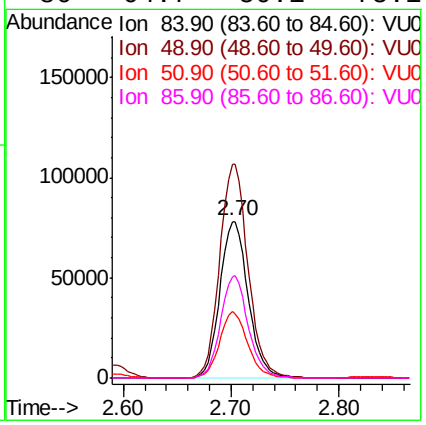


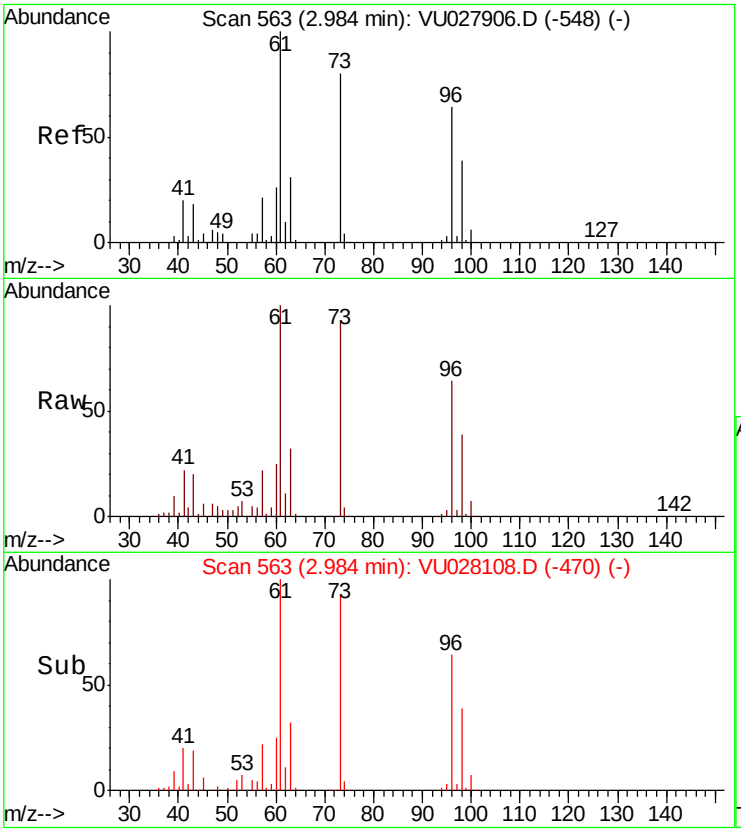




#20
Methylene Chloride
Concen: 50.651 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion: 84 Resp: 142304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 136.5 | 111.6 | 167.4 |
| 51 | 42.2 | 34.8 | 52.2 |
| 86 | 64.7 | 50.1 | 75.1 |



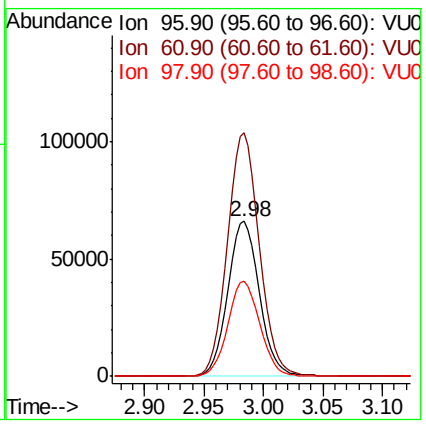


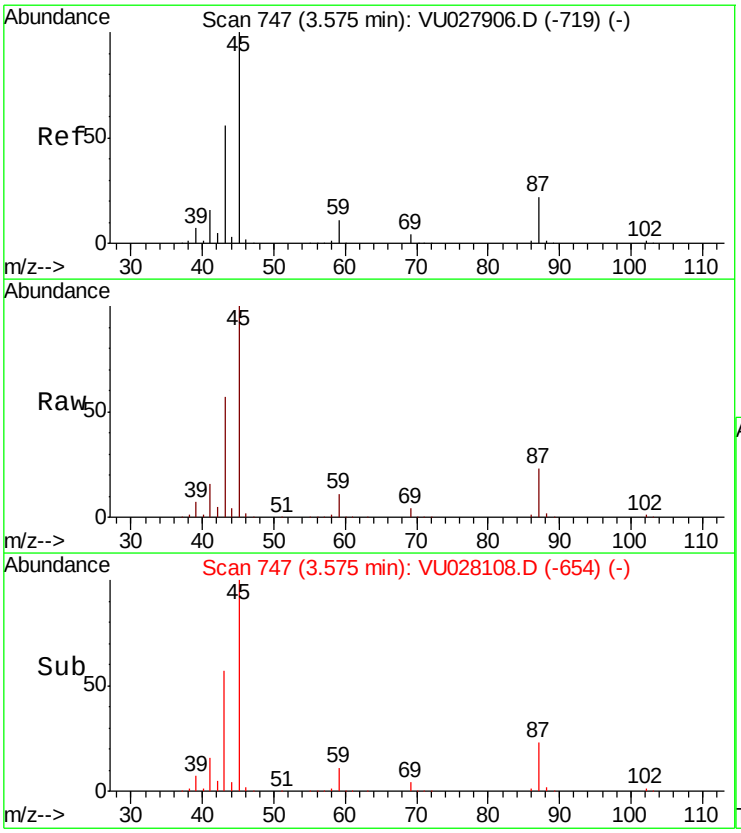

#21
trans-1,2-Dichloroethene
Concen: 48.419 ug/l
RT: 2.98 min Scan# 563
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion: 96 Resp: 122163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 157.1 | 125.0 | 187.6 |
| 98 | 61.2 | 48.2 | 72.4 |

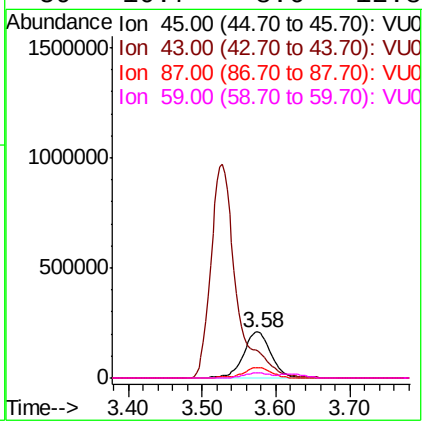


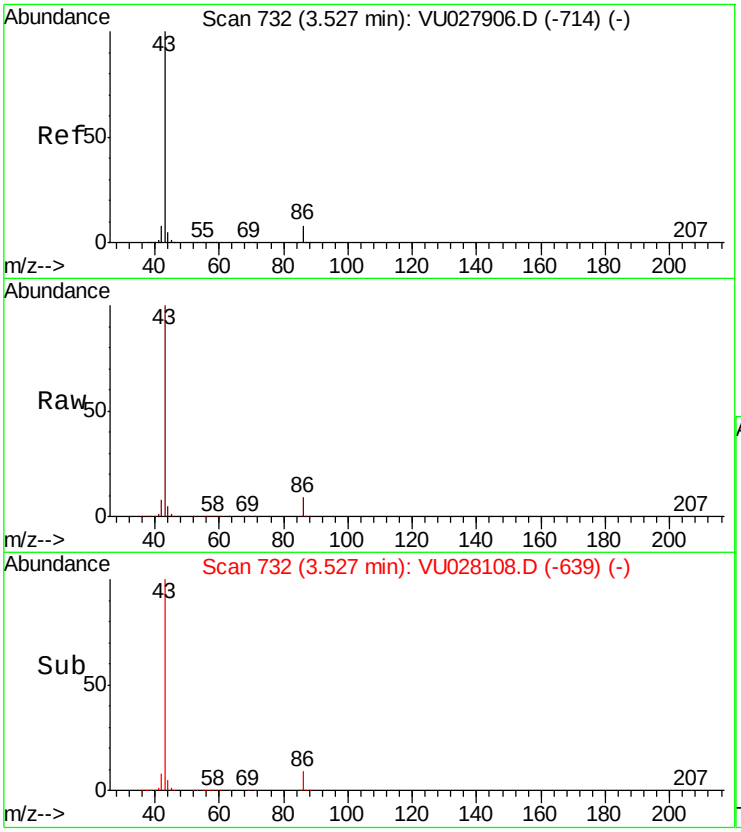




#22
Diisopropyl ether
Concen: 49.160 ug/l
RT: 3.58 min Scan# 747
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion: 45 Resp: 542298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 57.1 | 45.0 | 67.6 |
| 87 | 23.2 | 17.9 | 26.9 |
| 59 | 10.7 | 8.6 | 12.8 |



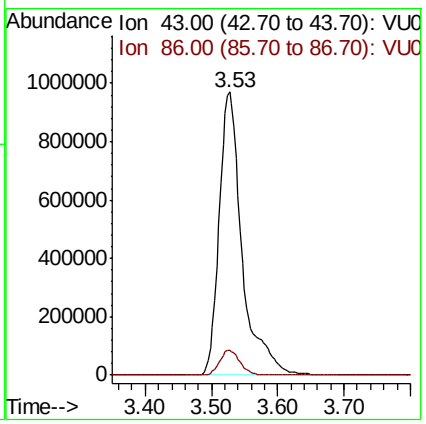


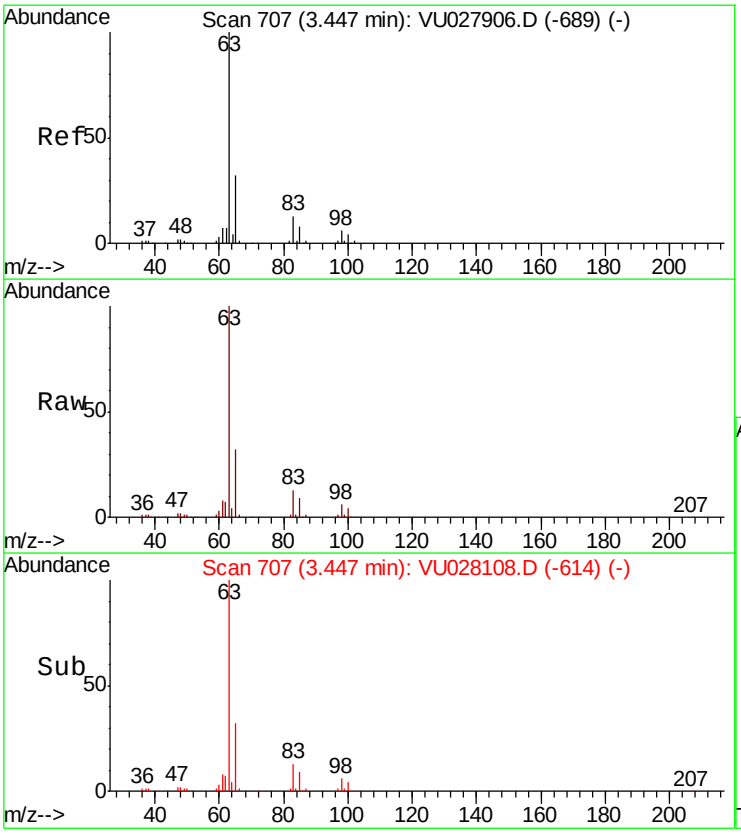

#23
Vinyl Acetate
Concen: 245.699 ug/l
RT: 3.53 min Scan# 732
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion: 43 Resp: 2329398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 8.8 | 6.6 | 9.8 |

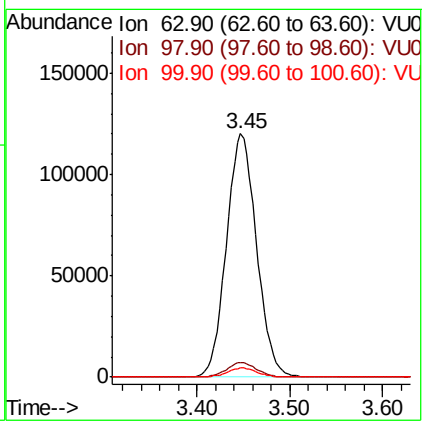


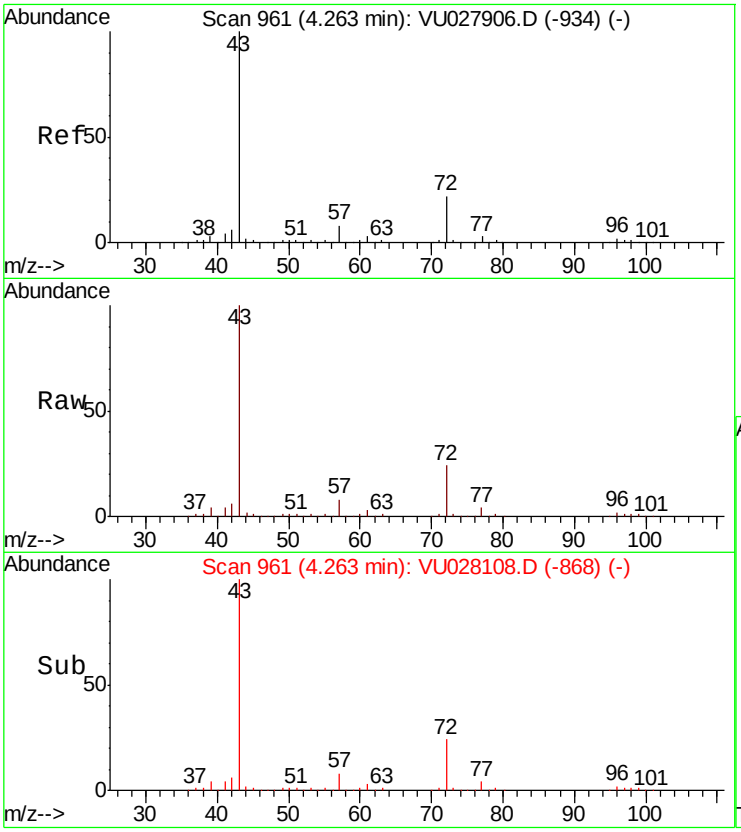




#24
1,1-Dichloroethane
Concen: 49.215 ug/l
RT: 3.45 min Scan# 707
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion: 63 Resp: 270424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.2 | 2.9 | 8.6 |
| 100 | 3.7 | 2.0 | 6.0 |



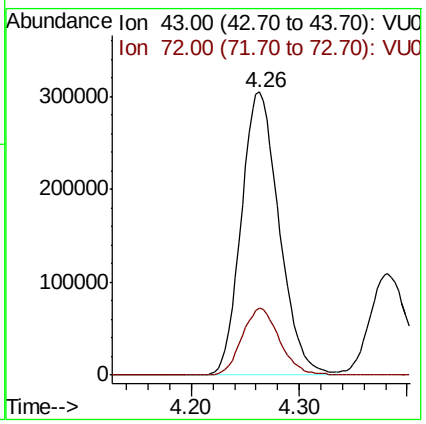


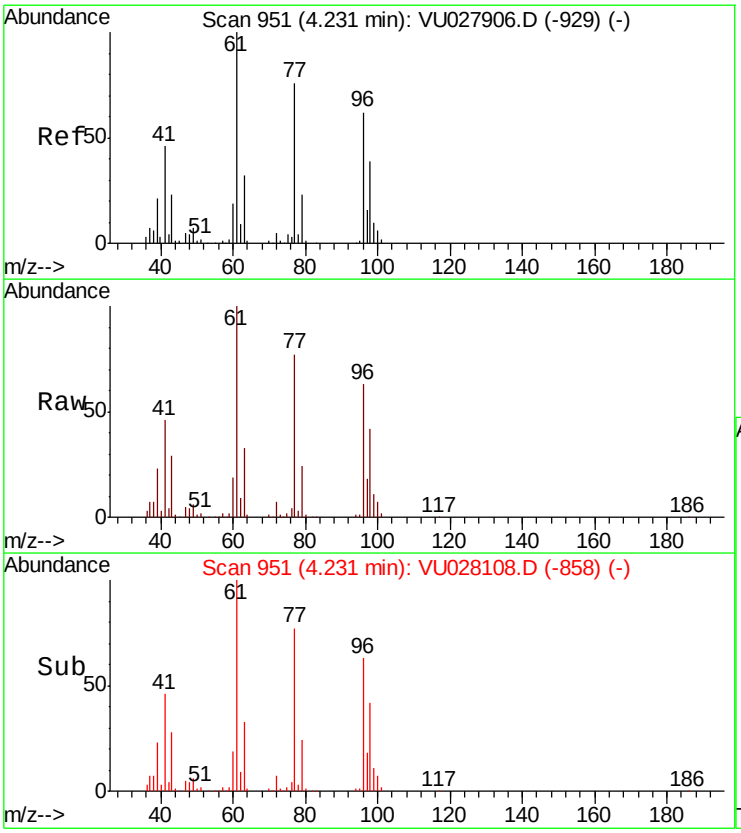

#25
2-Butanone
Concen: 242.291 ug/l
RT: 4.26 min Scan# 961
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion: 43 Resp: 741711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 23.7 | 17.7 | 26.5 |

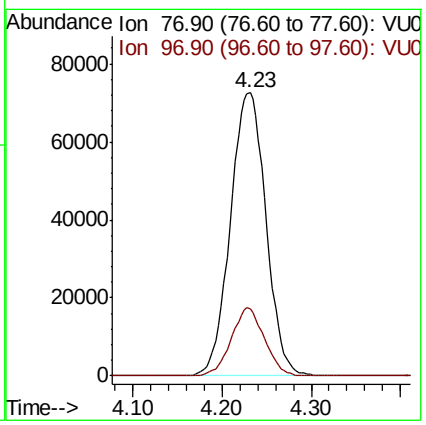


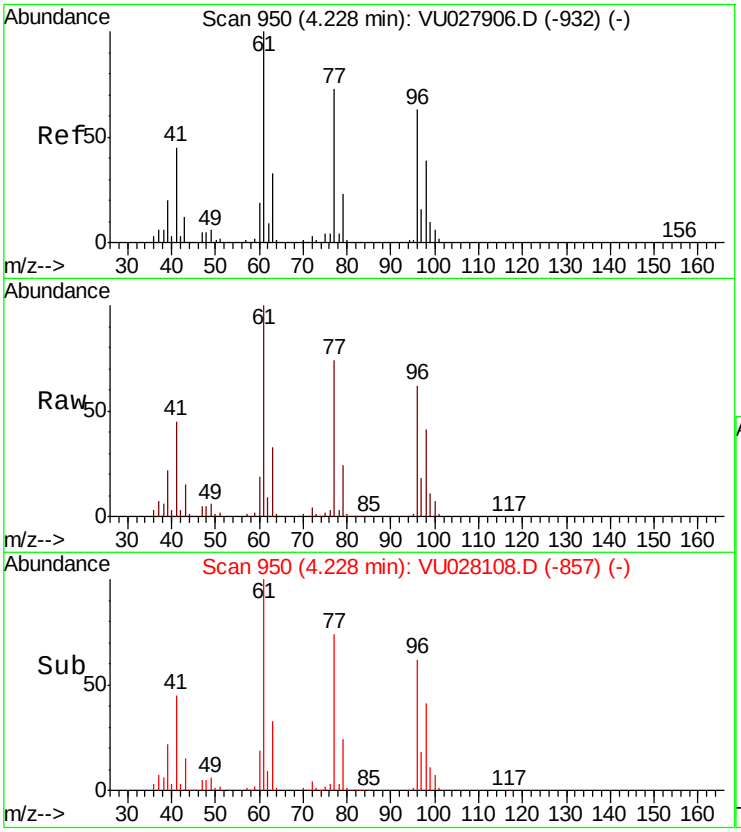




#26
2,2-Dichloropropane
Concen: 48.650 ug/l
RT: 4.23 min Scan# 951
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion: 77 Resp: 200611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 22.5 | 11.2 | 33.5 |



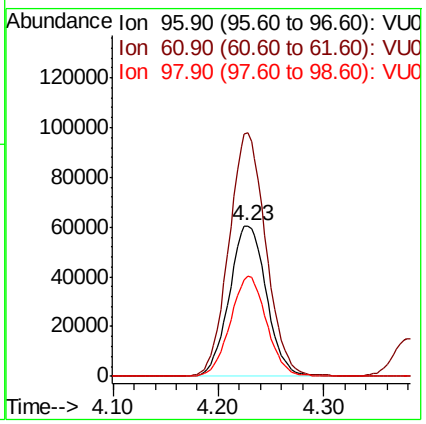


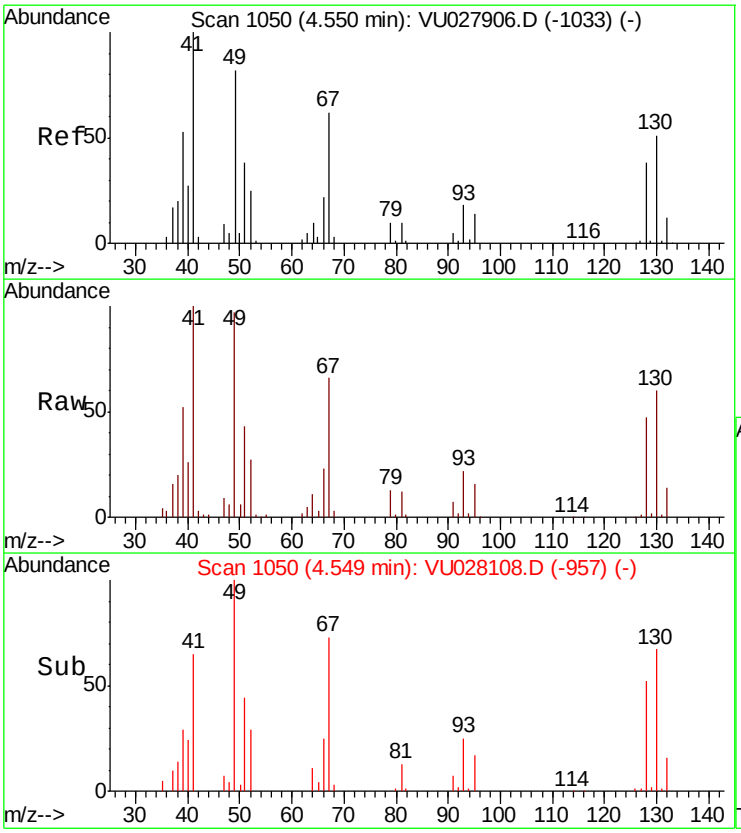

#27
cis-1,2-Dichloroethene
Concen: 52.227 ug/l
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion: 96 Resp: 147766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 160.9 | 0.0 | 329.6 |
| 98 | 64.7 | 0.0 | 127.2 |

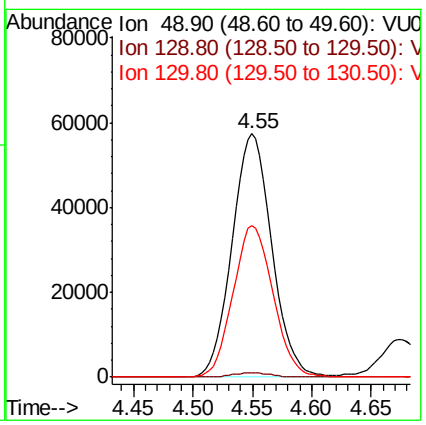


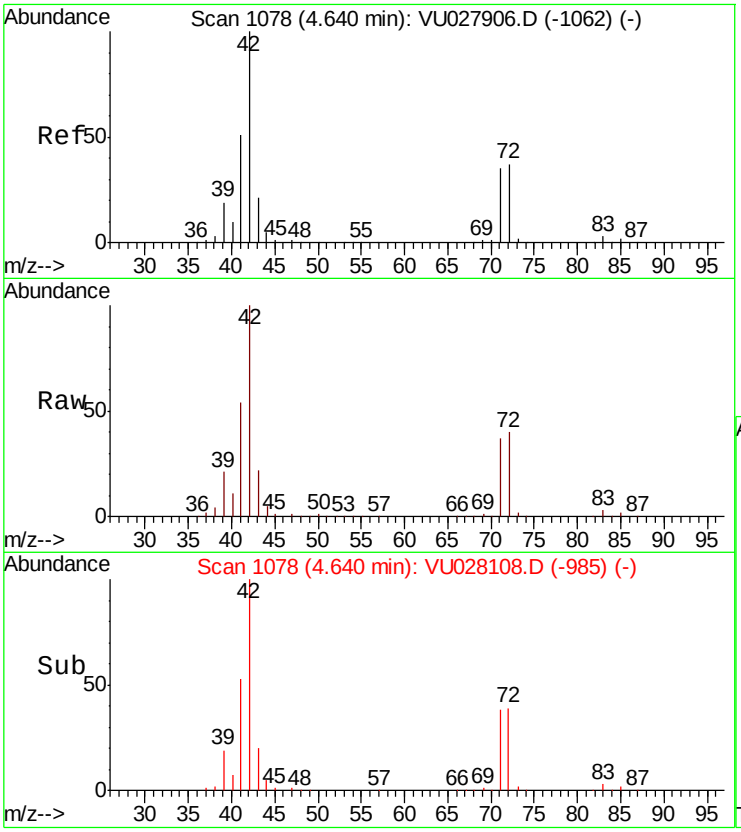




#28
Bromochloromethane
Concen: 51.614 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion: 49 Resp: 132955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 1.6 | 0.0 | 3.0 |
| 130 | 62.6 | 47.8 | 71.6 |



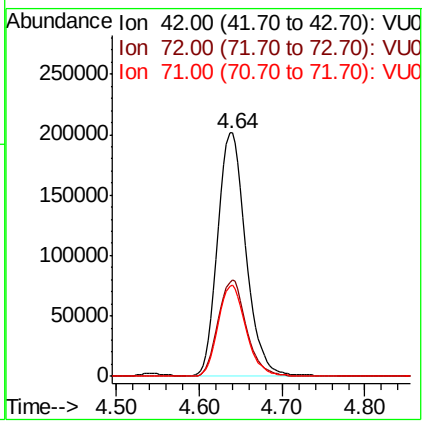


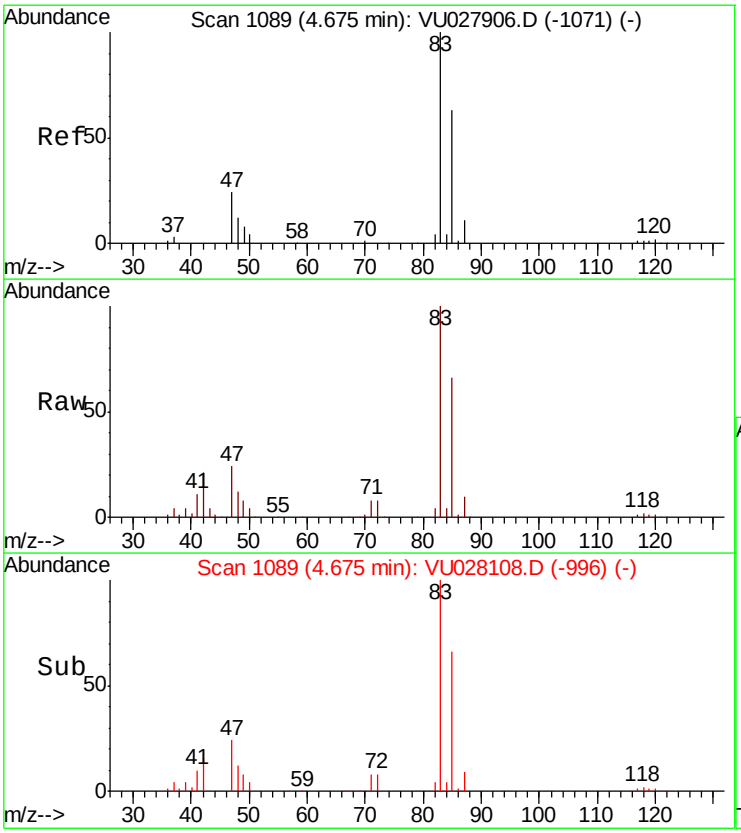

#29
Tetrahydrofuran
Concen: 232.679 ug/l
RT: 4.64 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion: 42 Resp: 475621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 39.8 | 29.4 | 44.0 |
| 71 | 37.0 | 27.9 | 41.9 |

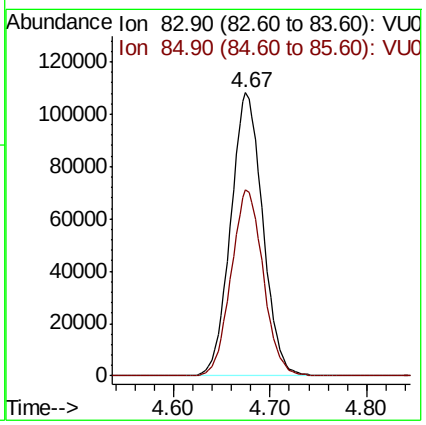


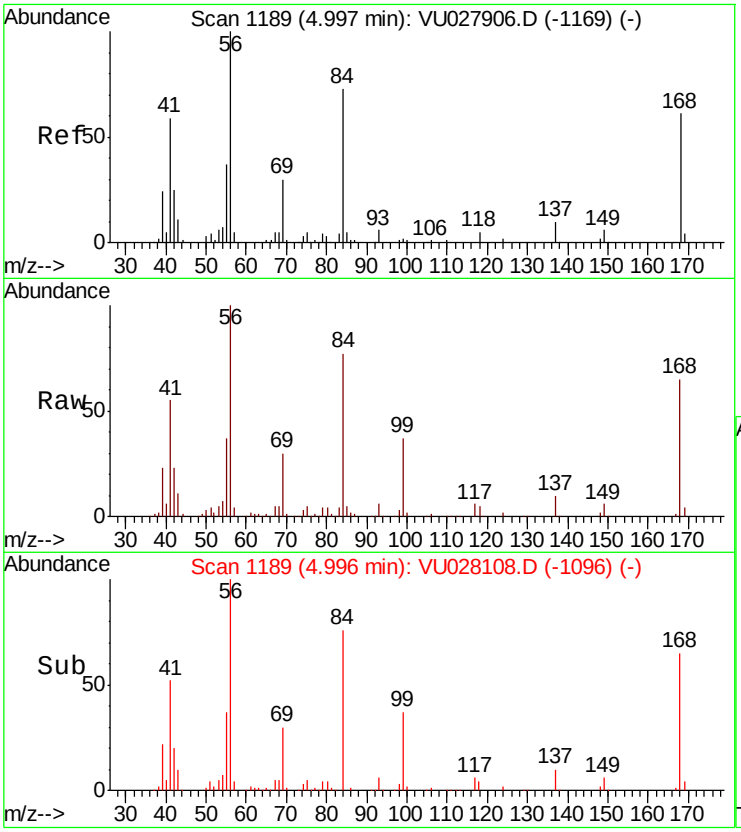




#30
Chloroform
Concen: 49.354 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion: 83 Resp: 248652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.7 | 50.6 | 76.0 |



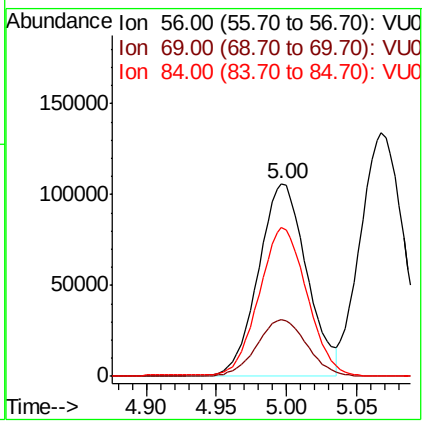


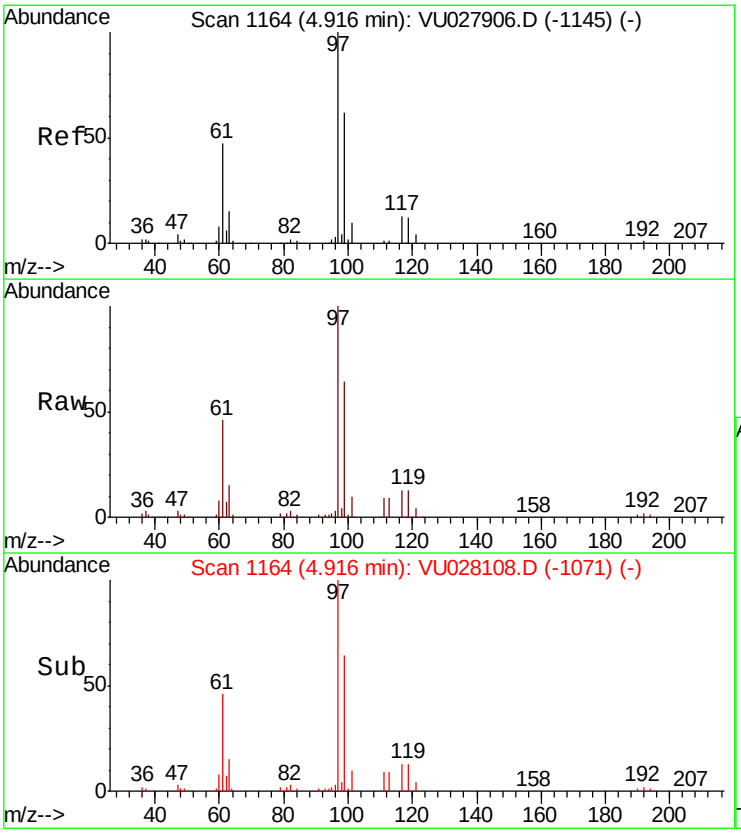

#31
Cyclohexane
Concen: 46.885 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion: 56 Resp: 253375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 29.6 | 23.7 | 35.5 |
| 84 | 76.1 | 58.2 | 87.4 |

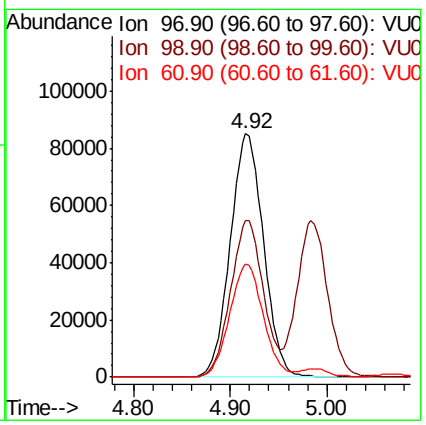


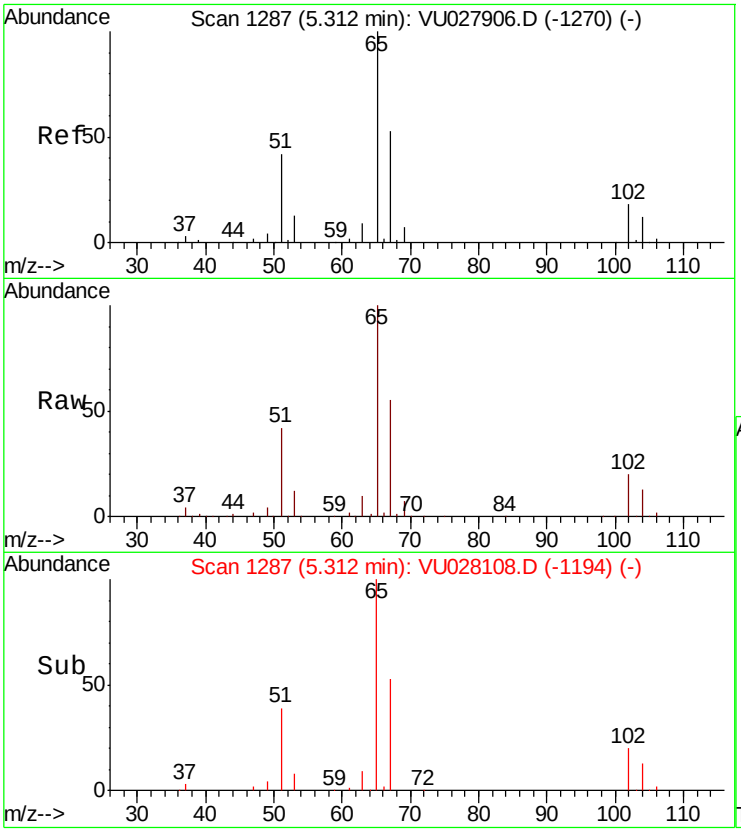




#32
1,1,1-Trichloroethane
Concen: 50.769 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion: 97 Resp: 203606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.2 | 50.5 | 75.7 |
| 61 | 46.9 | 38.3 | 57.5 |



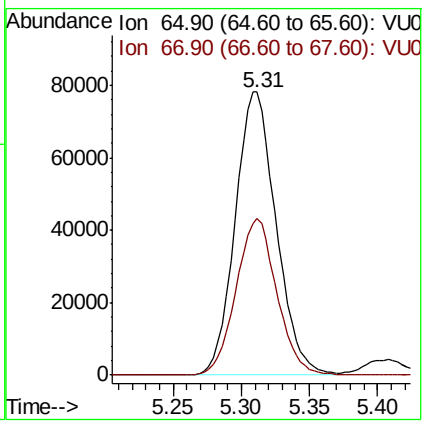


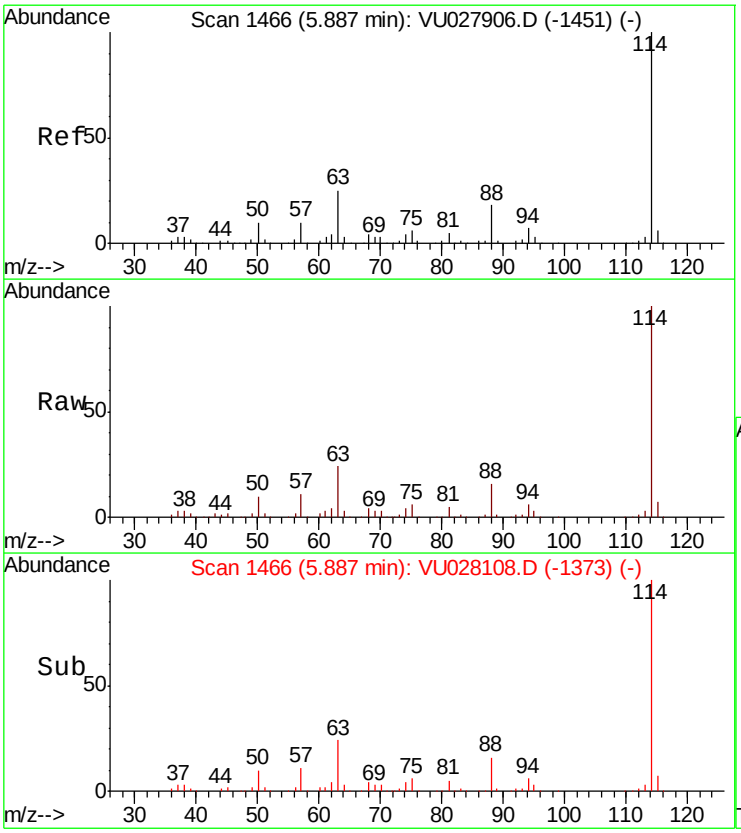

#33
1,2-Dichloroethane-d4
Concen: 52.401 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion: 65 Resp: 162516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 55.1 | 0.0 | 109.0 |

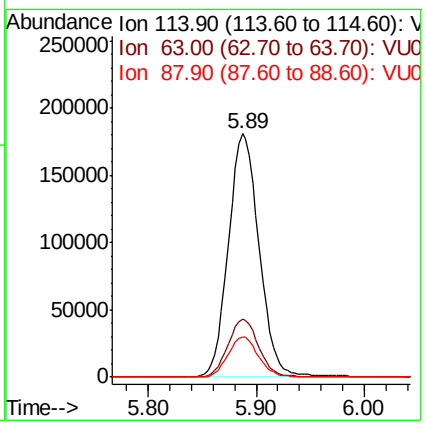


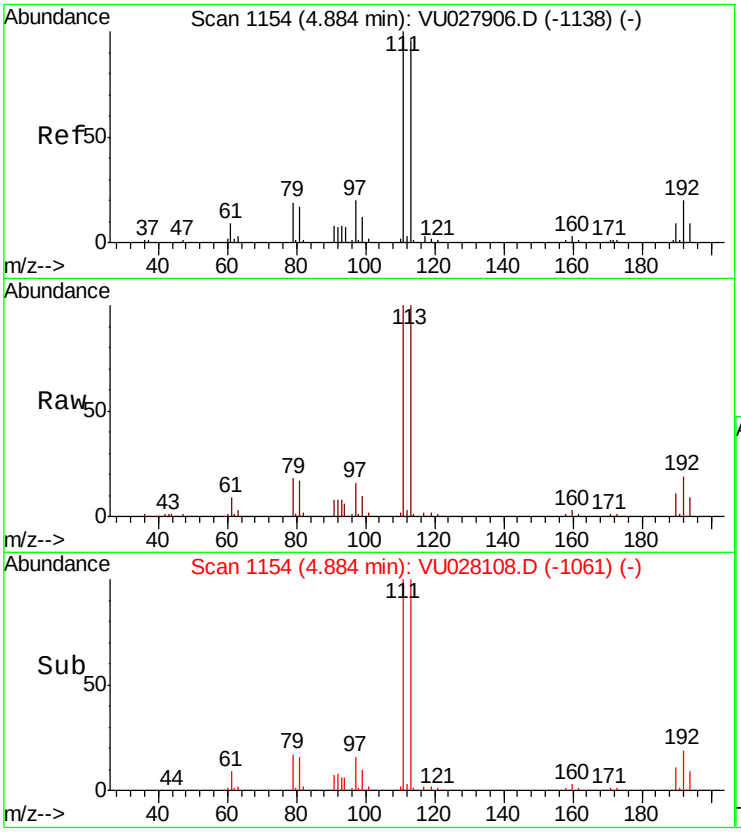




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1466
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion:114 Resp: 359803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 23.8 | 0.0 | 50.8 |
| 88 | 16.5 | 0.0 | 35.8 |



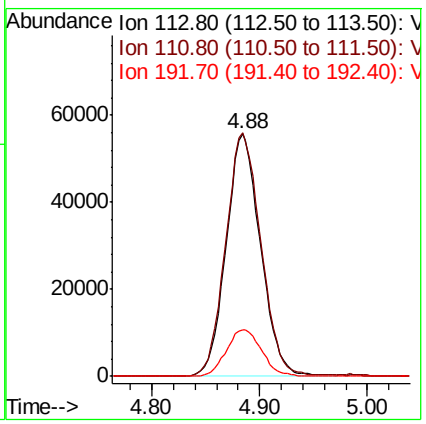


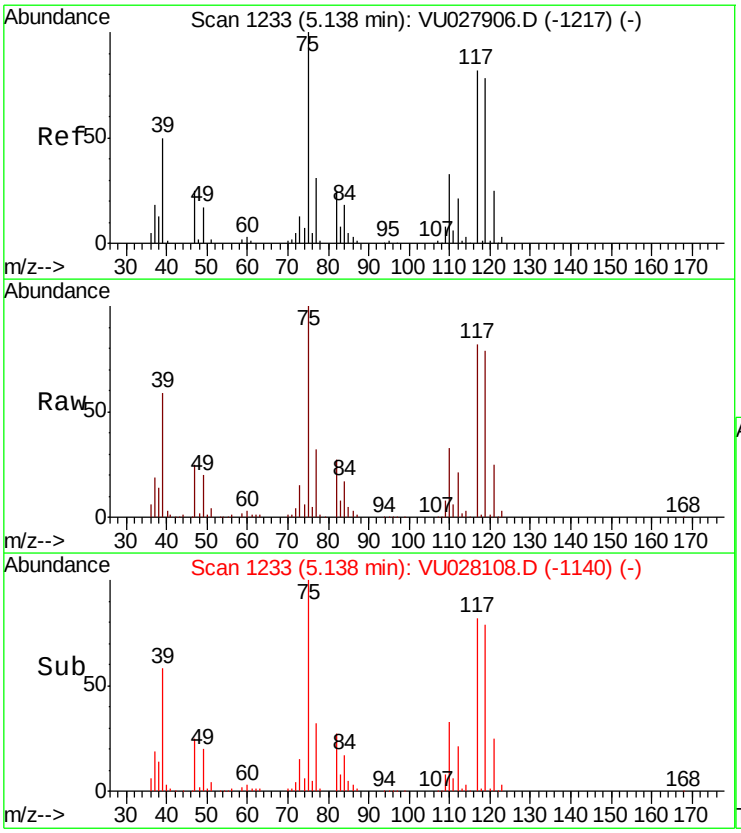

#35
Dibromofluoromethane
Concen: 54.427 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion:113 Resp: 123473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.1 | 83.0 | 124.6 |
| 192 | 19.8 | 15.6 | 23.4 |

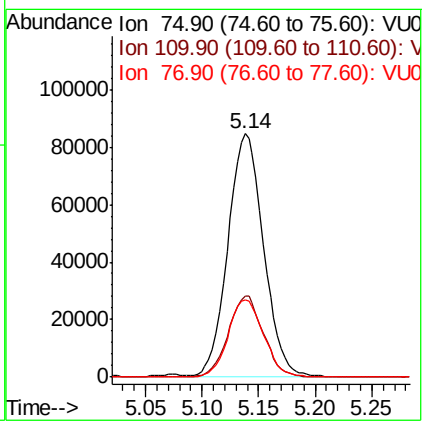


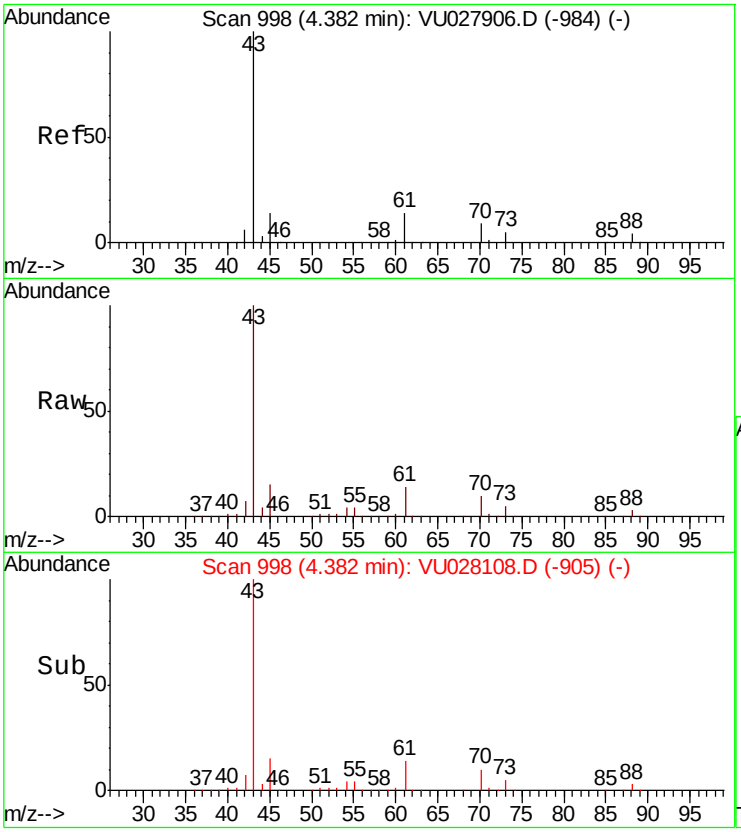




#36
1,1-Dichloropropene
Concen: 49.098 ug/l
RT: 5.14 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion: 75 Resp: 185019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 32.8 | 16.5 | 49.5 |
| 77 | 31.9 | 24.9 | 37.3 |



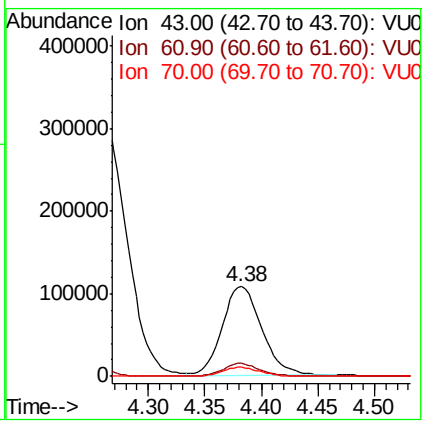


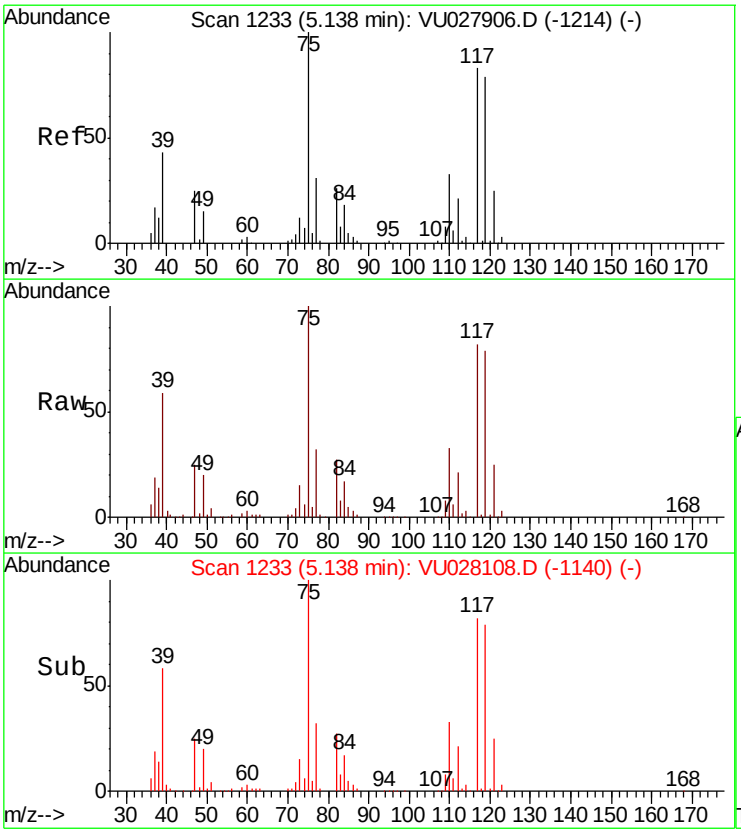

#37
Ethyl Acetate
Concen: 47.790 ug/l
RT: 4.38 min Scan# 998
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion: 43 Resp: 263870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 13.5 | 10.3 | 15.5 |
| 70 | 9.6 | 7.0 | 10.6 |

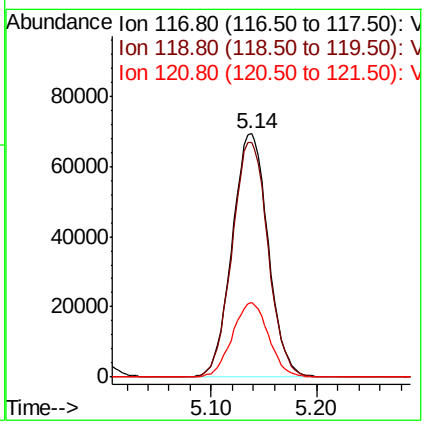


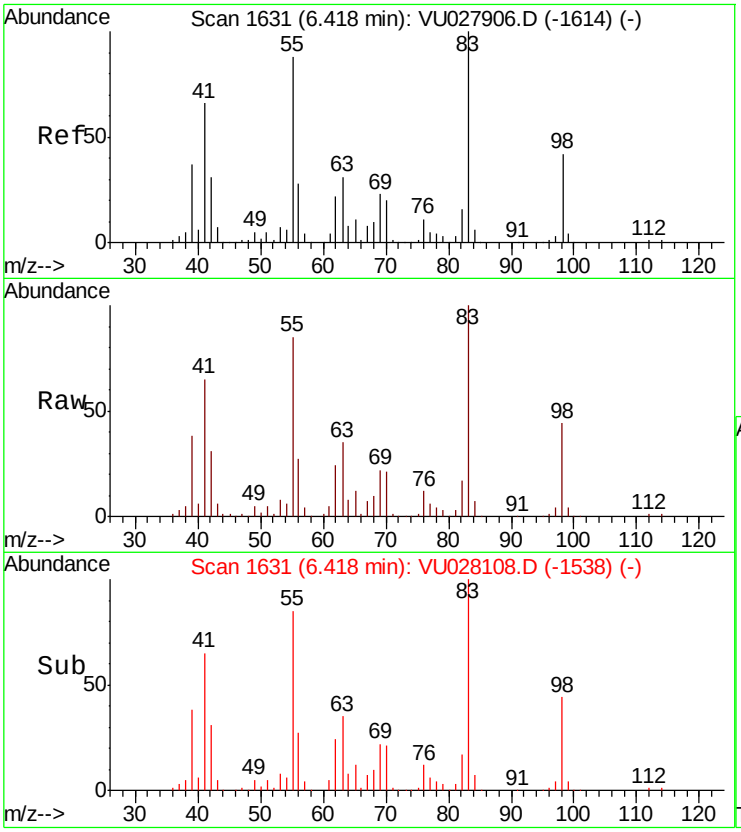




#38
Carbon Tetrachloride
Concen: 48.969 ug/l
RT: 5.14 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion:117 Resp: 163533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.5 | 76.0 | 114.0 |
| 121 | 30.6 | 24.5 | 36.7 |



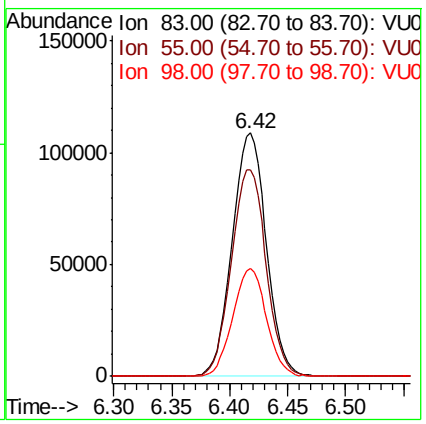


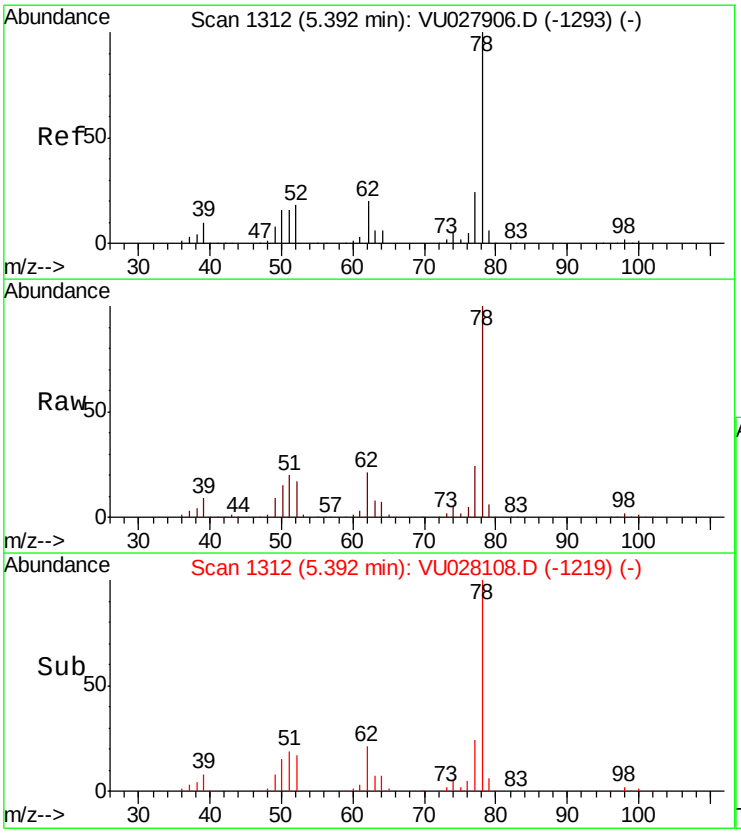

#39
Methylcyclohexane
Concen: 48.940 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion: 83 Resp: 222436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 85.1 | 70.3 | 105.5 |
| 98 | 44.5 | 34.0 | 51.0 |

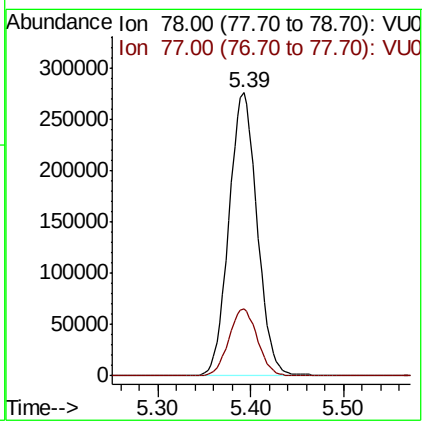


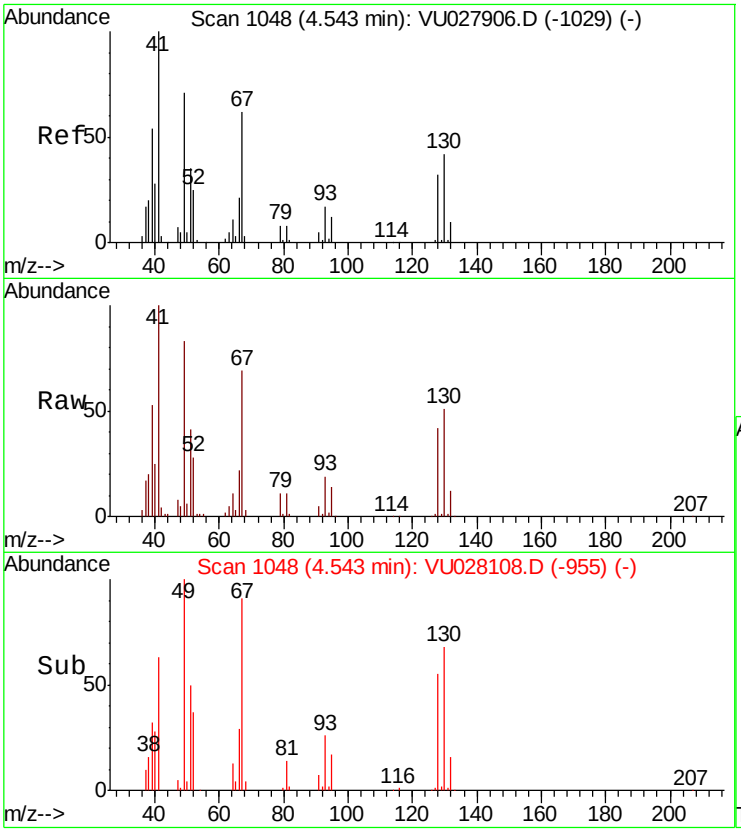




#40
Benzene
Concen: 50.624 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion: 78 Resp: 583253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.7 | 19.3 | 28.9 |



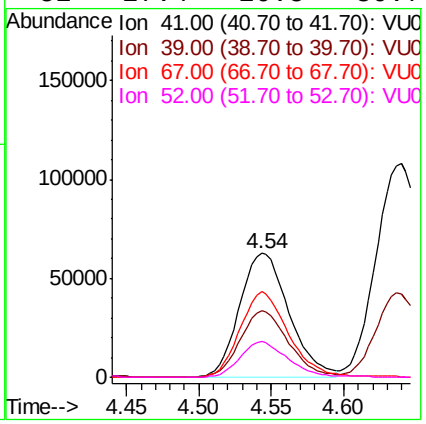


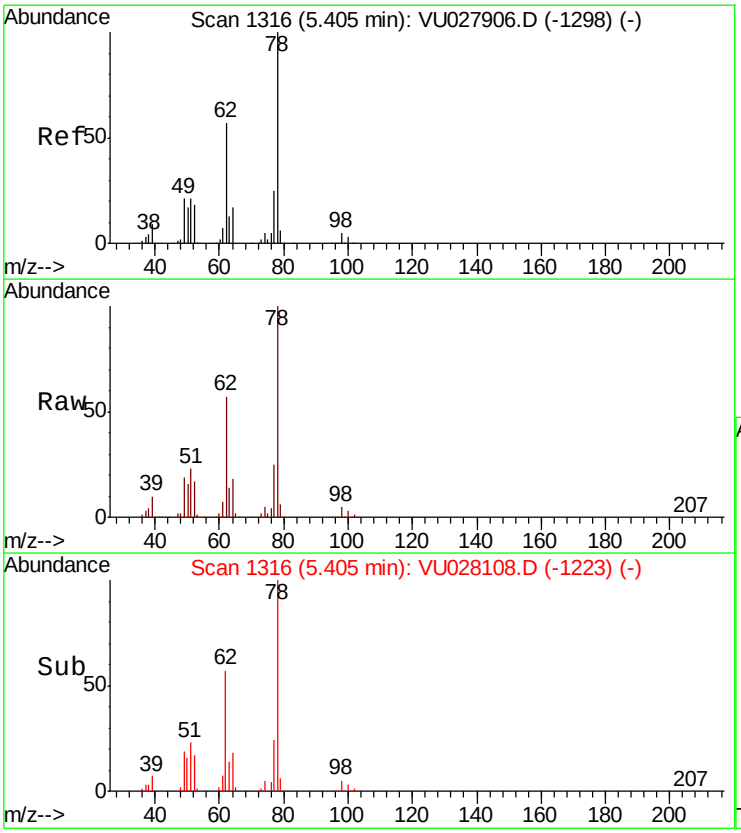

#41
Methacrylonitrile
Concen: 50.585 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion: 41 Resp: 149056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 52.5 | 42.2 | 63.4 |
| 67 | 67.5 | 49.5 | 74.3 |
| 52 | 27.4 | 20.5 | 30.7 |

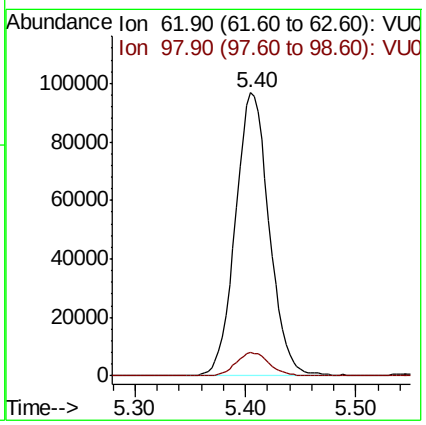


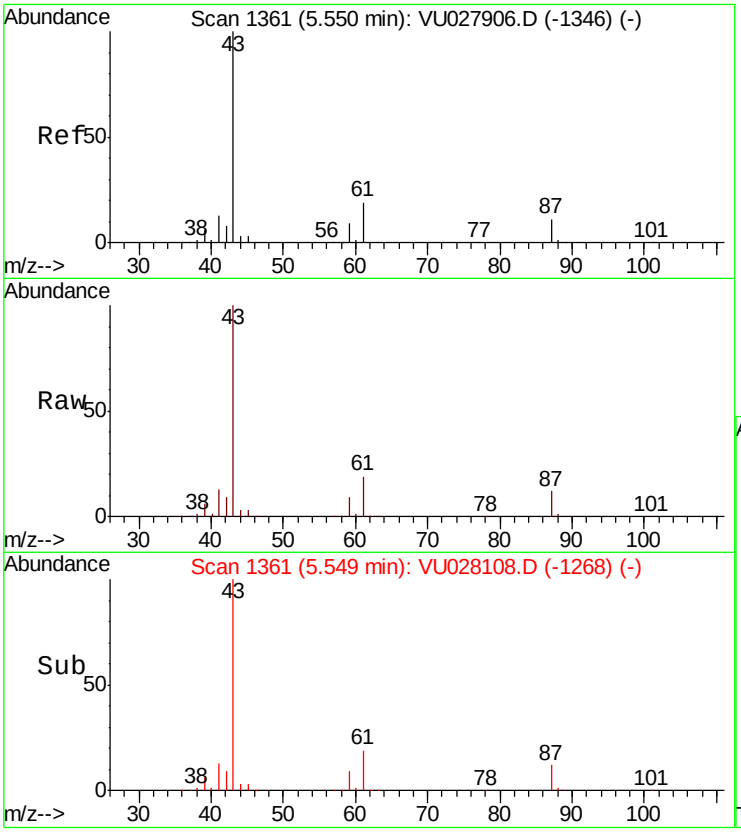




#42
1,2-Dichloroethane
Concen: 50.225 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion: 62 Resp: 205684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.1 | 0.0 | 17.2 |



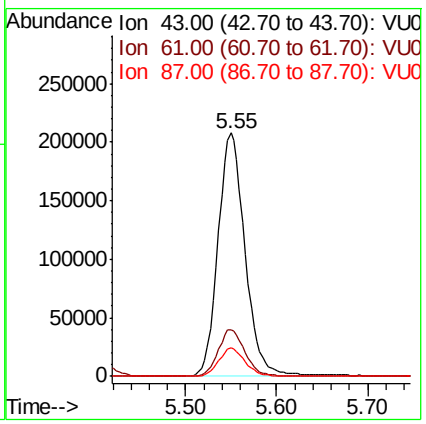


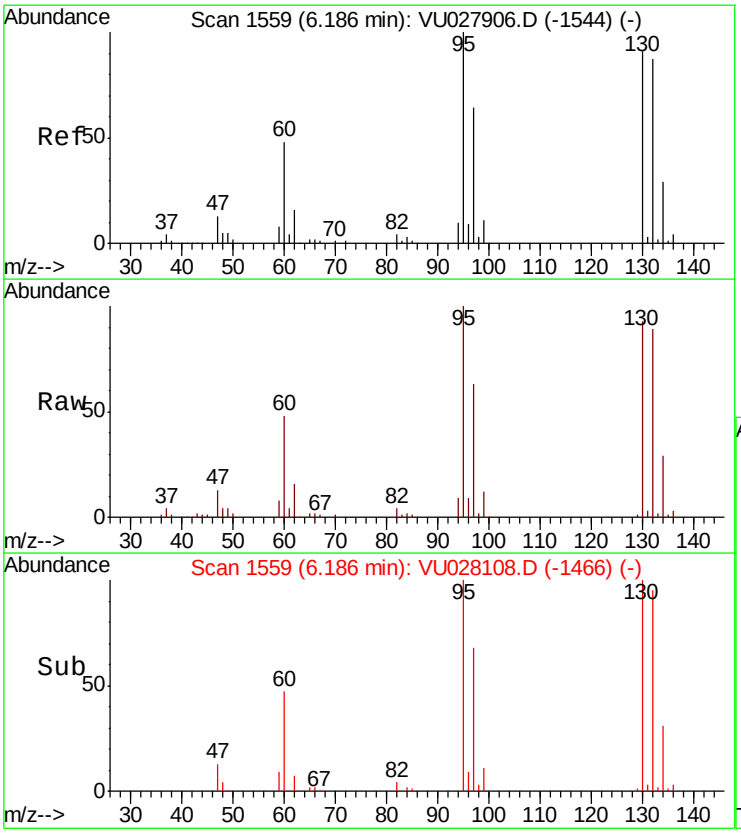

#43
Isopropyl Acetate
Concen: 49.383 ug/l
RT: 5.55 min Scan# 1361
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion: 43 Resp: 427190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 18.9 | 15.0 | 22.4 |
| 87 | 11.4 | 8.6 | 12.8 |

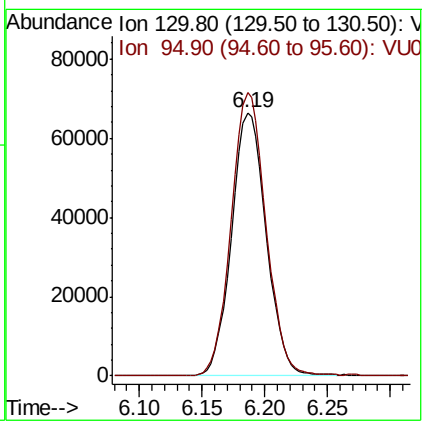


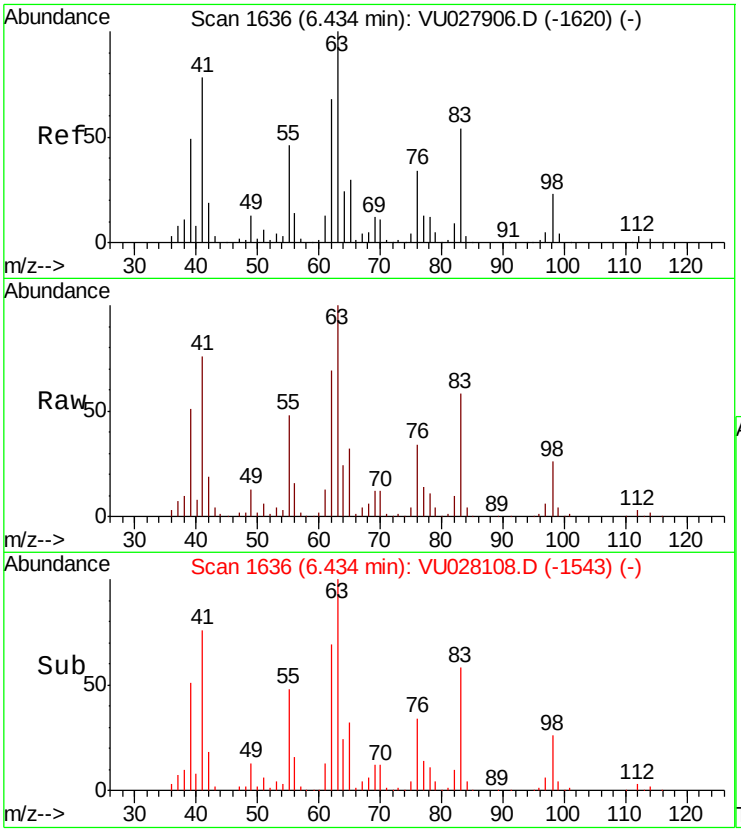




#44
Trichloroethene
Concen: 51.732 ug/l
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion:130 Resp: 128115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 107.6 | 0.0 | 219.2 |



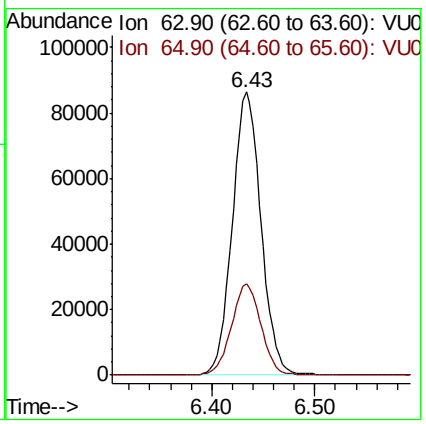


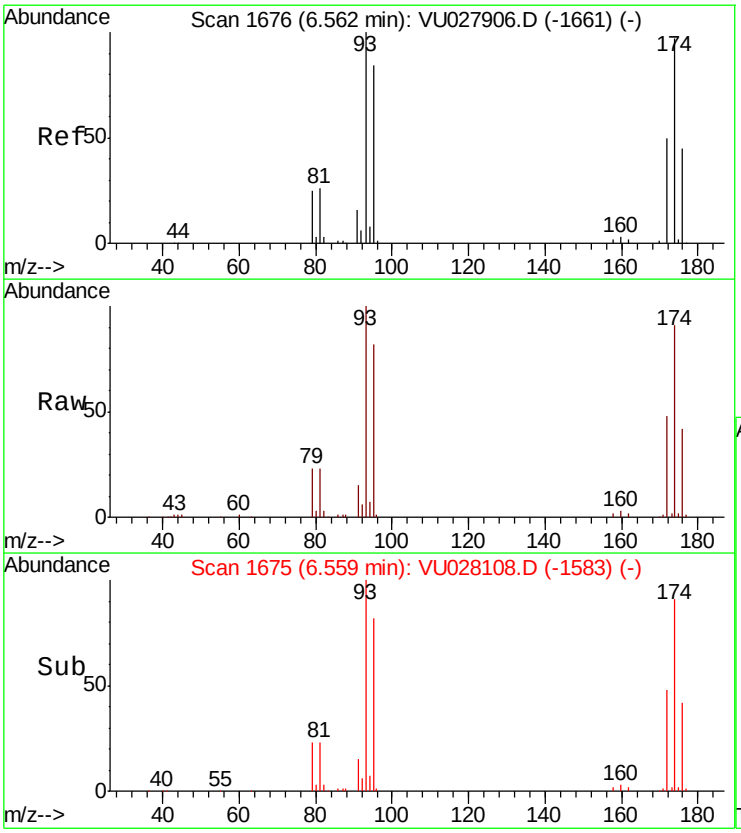

#45
1,2-Dichloropropane
Concen: 50.411 ug/l
RT: 6.43 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion: 63 Resp: 167499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 32.1 | 24.4 | 36.6 |

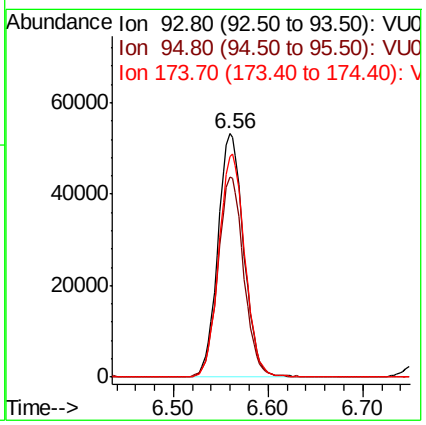


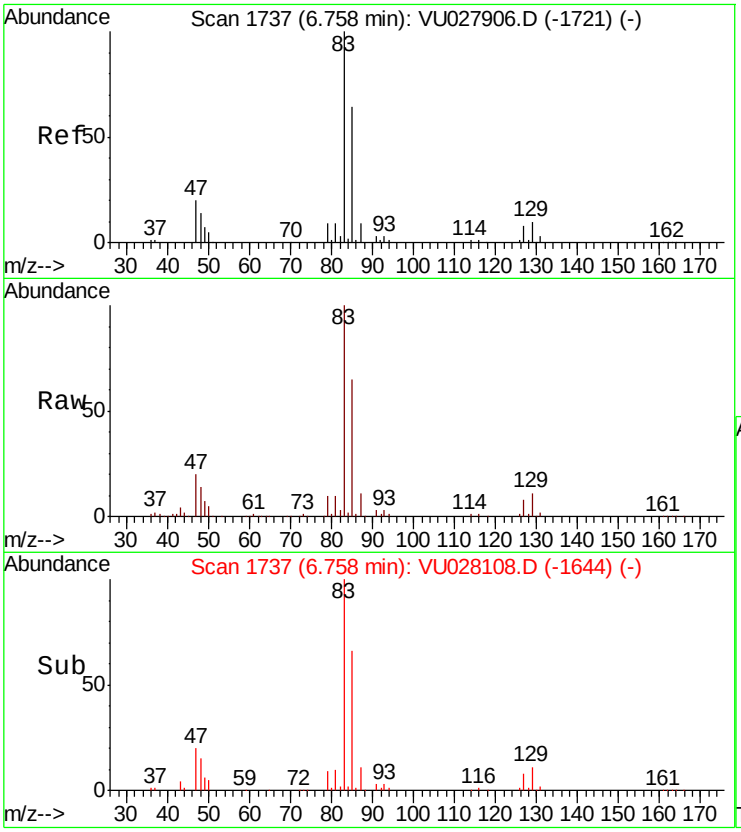




#46
Dibromomethane
Concen: 52.777 ug/l
RT: 6.56 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion: 93 Resp: 100798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 81.8 | 68.5 | 102.7 |
| 174 | 92.2 | 76.1 | 114.1 |



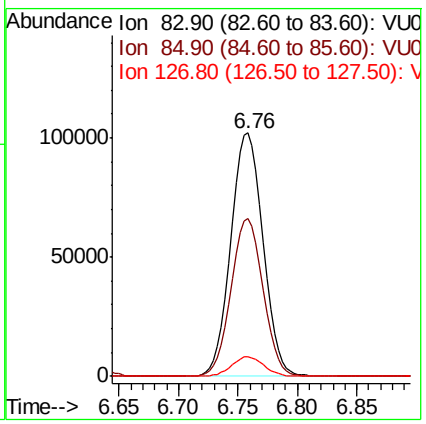


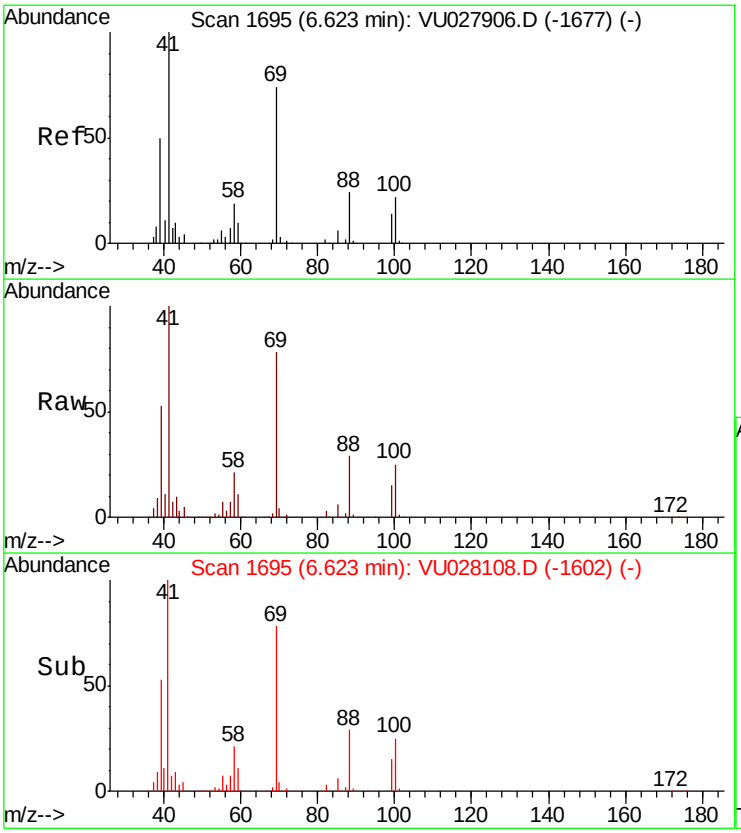

#47
Bromodichloromethane
Concen: 52.203 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion: 83 Resp: 192138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.6 | 51.0 | 76.6 |
| 127 | 7.9 | 6.2 | 9.4 |

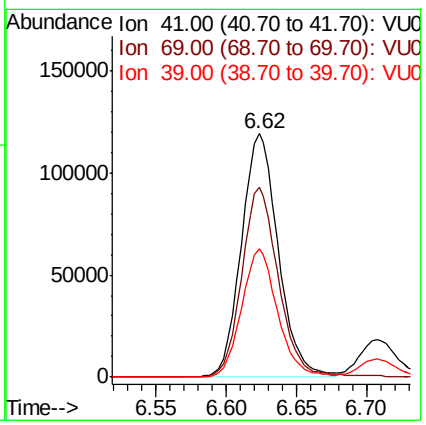


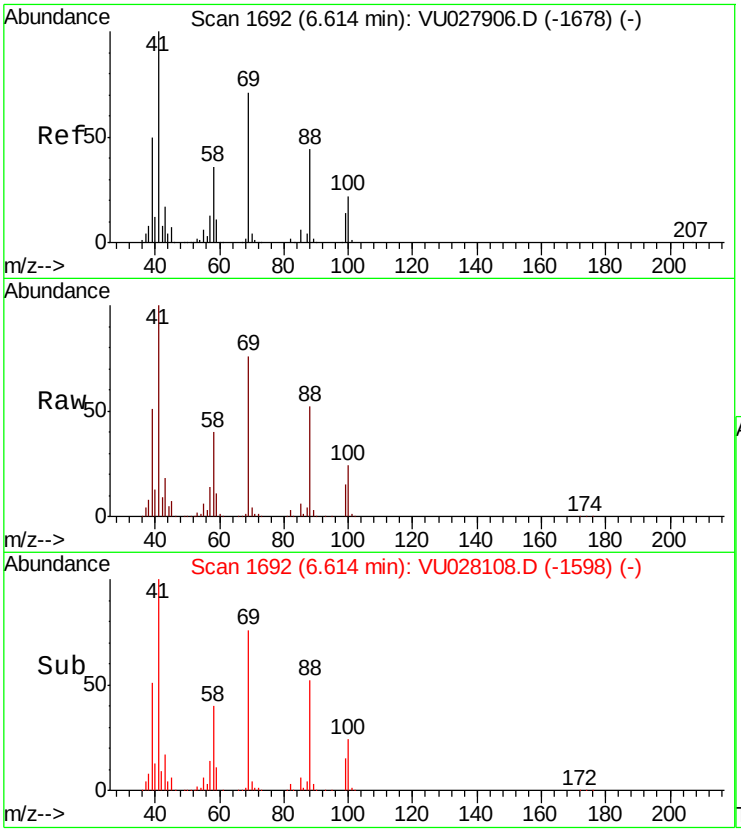




#48
Methyl methacrylate
Concen: 51.259 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion: 41 Resp: 217292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 78.1 | 59.8 | 89.8 |
| 39 | 51.1 | 40.0 | 60.0 |



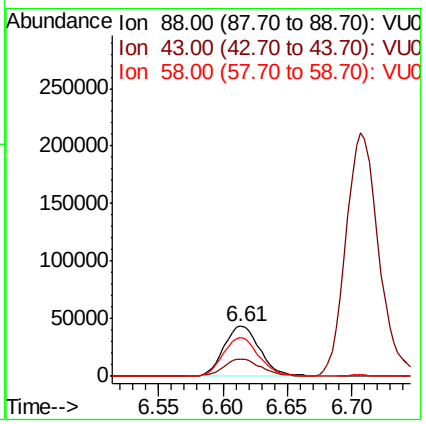


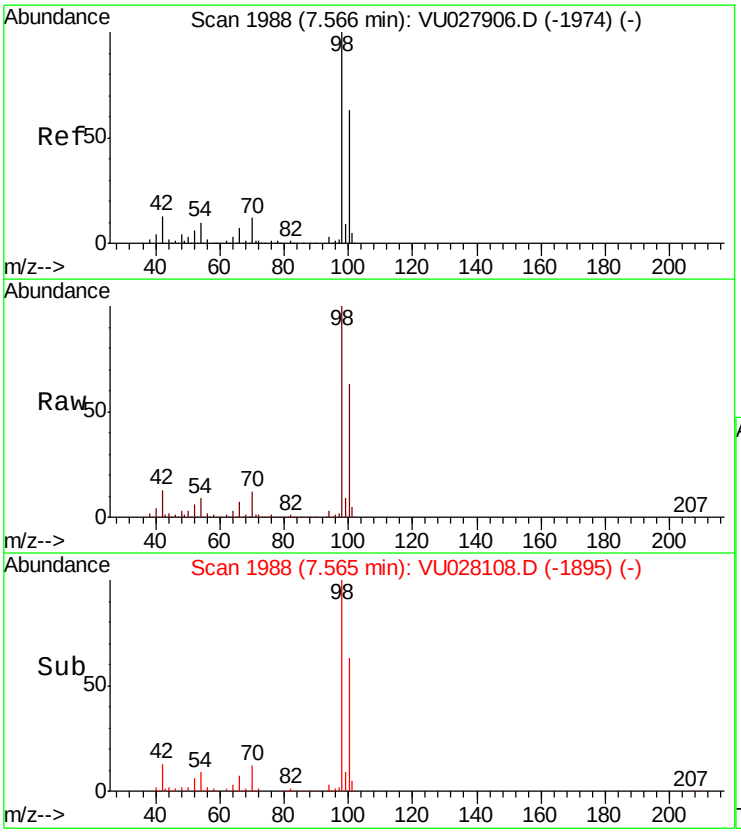

#49
1,4-Dioxane
Concen: 1217.676 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion: 88 Resp: 84216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 33.6 | 30.5 | 45.7 |
| 58 | 78.3 | 67.1 | 100.7 |

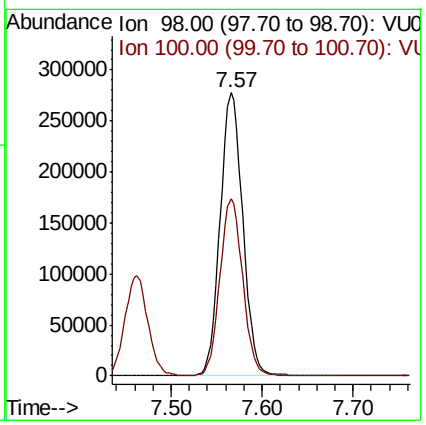


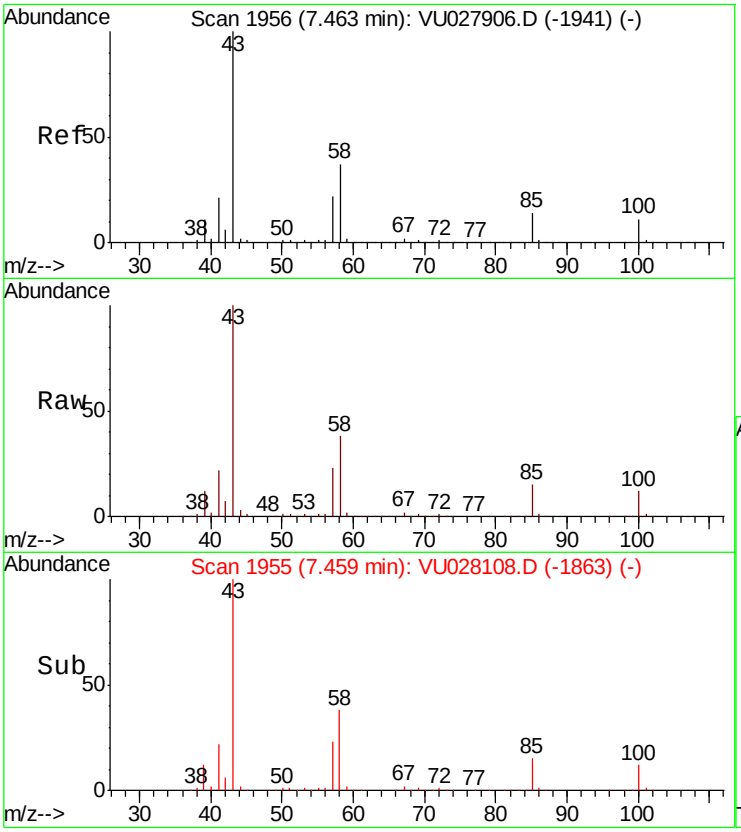




#50
Toluene-d8
Concen: 55.011 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion: 98 Resp: 482089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 62.7 | 50.1 | 75.1 |



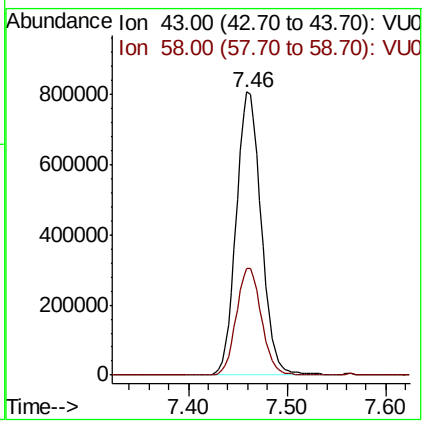


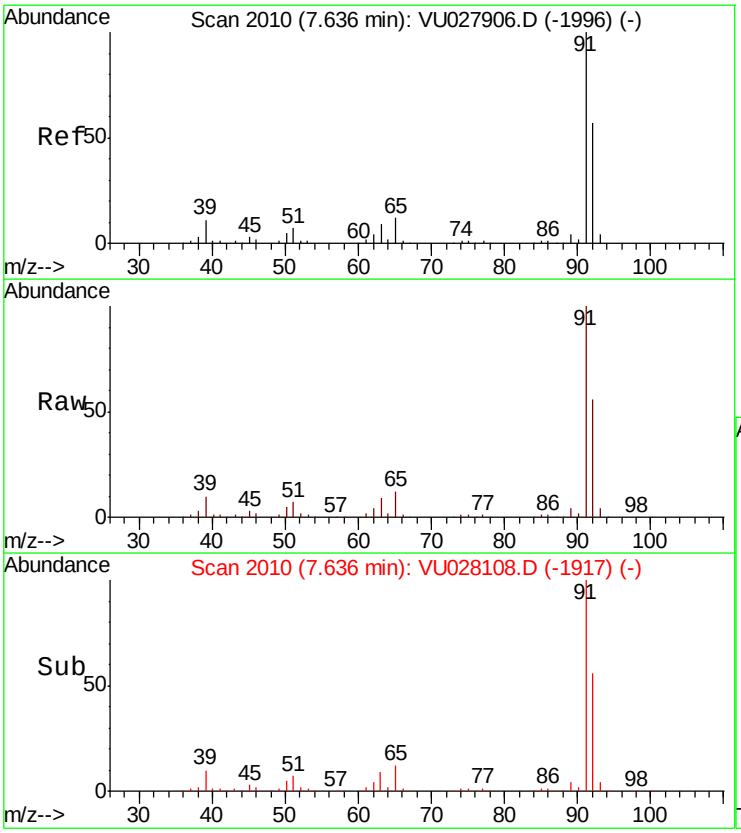

#51
4-Methyl-2-Pentanone
Concen: 245.733 ug/l
RT: 7.46 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion: 43 Resp: 1419616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.1 | 29.5 | 44.3 |

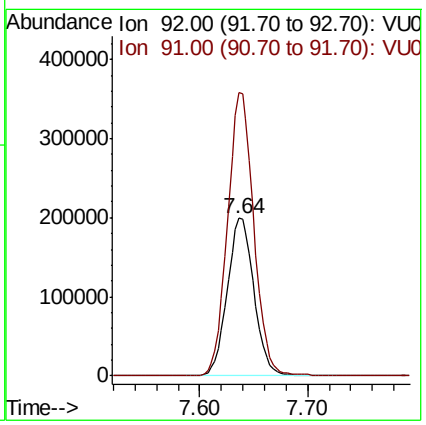


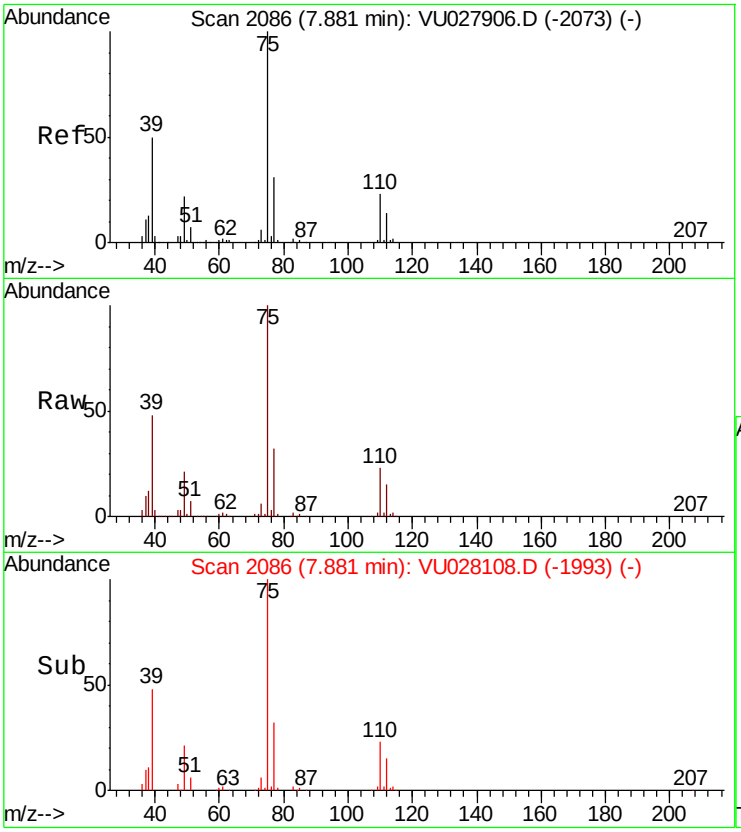




#52
Toluene
Concen: 50.848 ug/l
RT: 7.64 min Scan# 2010
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion: 92 Resp: 344406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 176.7 | 141.2 | 211.8 |



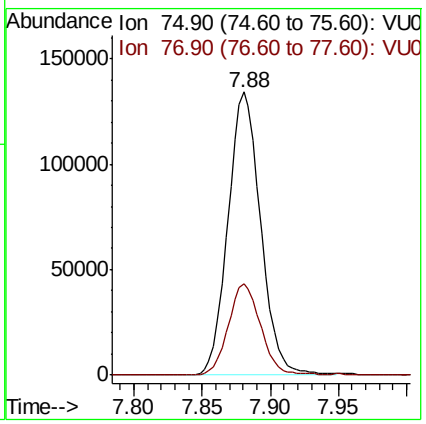


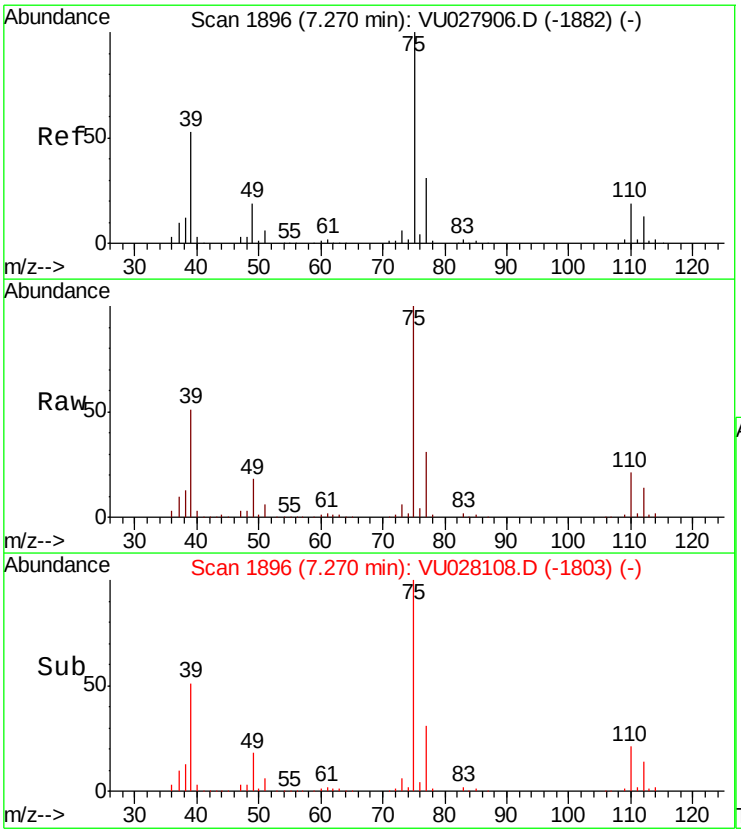

#53
t-1,3-Dichloropropene
Concen: 48.910 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion: 75 Resp: 223124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.4 | 25.1 | 37.7 |

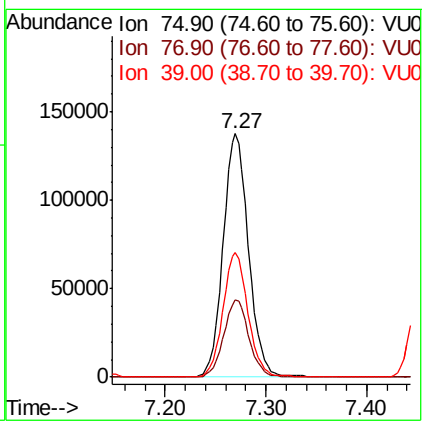


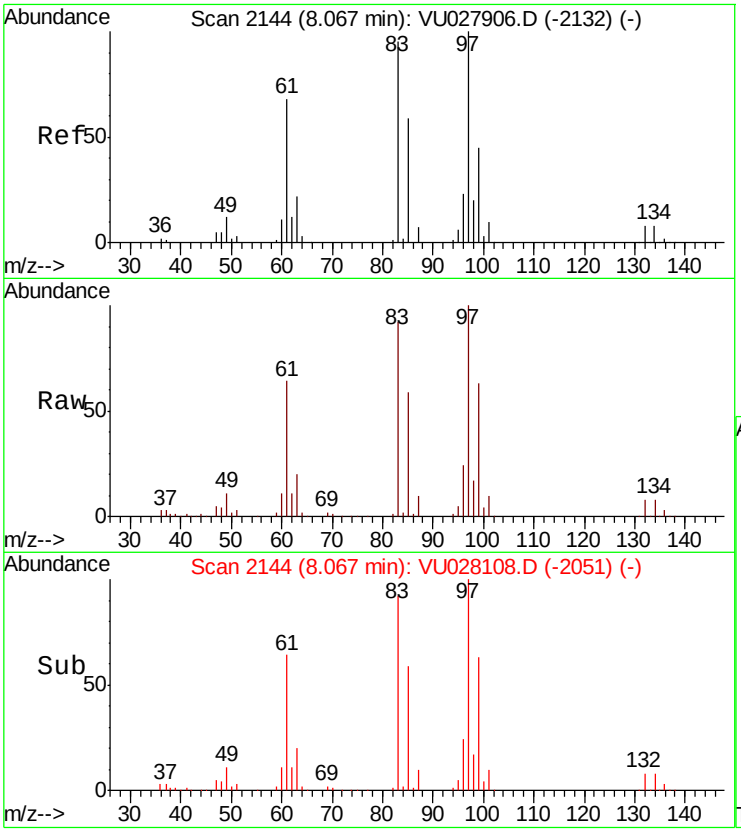




#54
cis-1,3-Dichloropropene
Concen: 53.193 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion: 75 Resp: 241353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.5 | 24.6 | 37.0 |
| 39 | 51.1 | 42.6 | 64.0 |



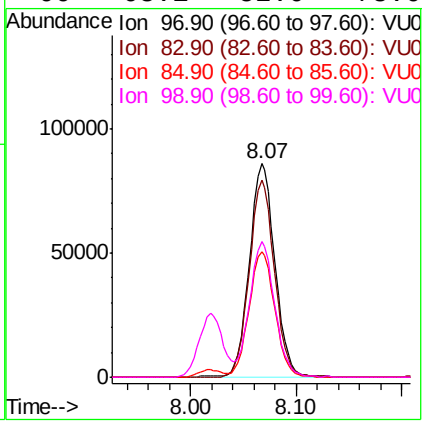


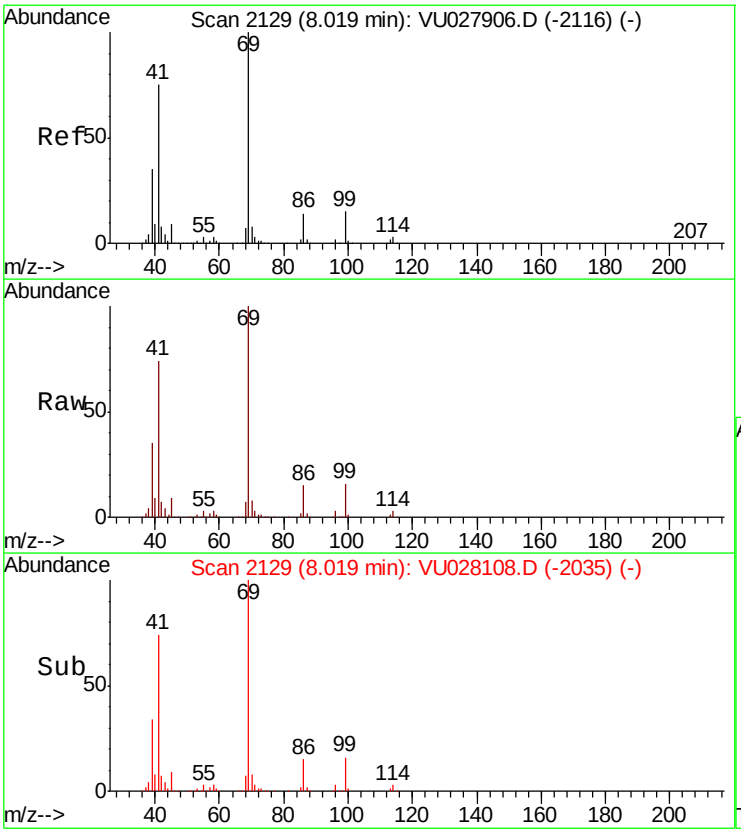

#55
1,1,2-Trichloroethane
Concen: 52.933 ug/l
RT: 8.07 min Scan# 2144
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion: 97 Resp: 145866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 92.3 | 76.1 | 114.1 |
| 85 | 58.6 | 48.9 | 73.3 |
| 99 | 63.1 | 52.0 | 78.0 |

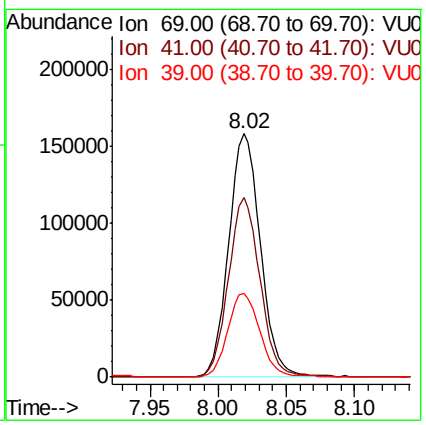


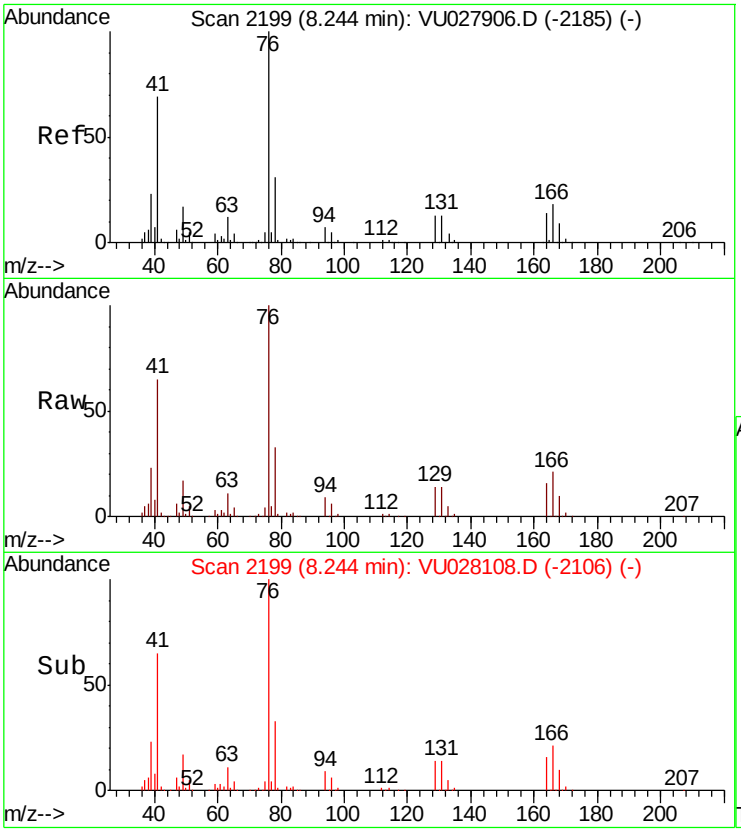




#56
Ethyl methacrylate
Concen: 52.709 ug/l
RT: 8.02 min Scan# 2129
Delta R.T. 0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion: 69 Resp: 256145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 73.5 | 59.8 | 89.6 |
| 39 | 34.6 | 28.6 | 42.8 |



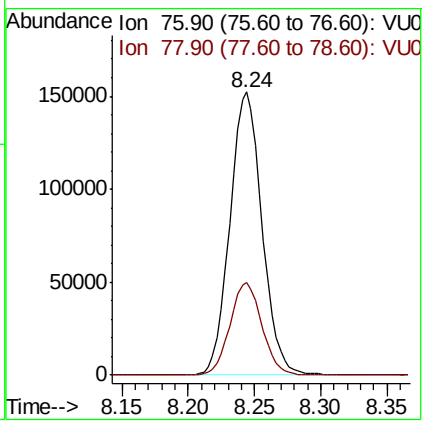


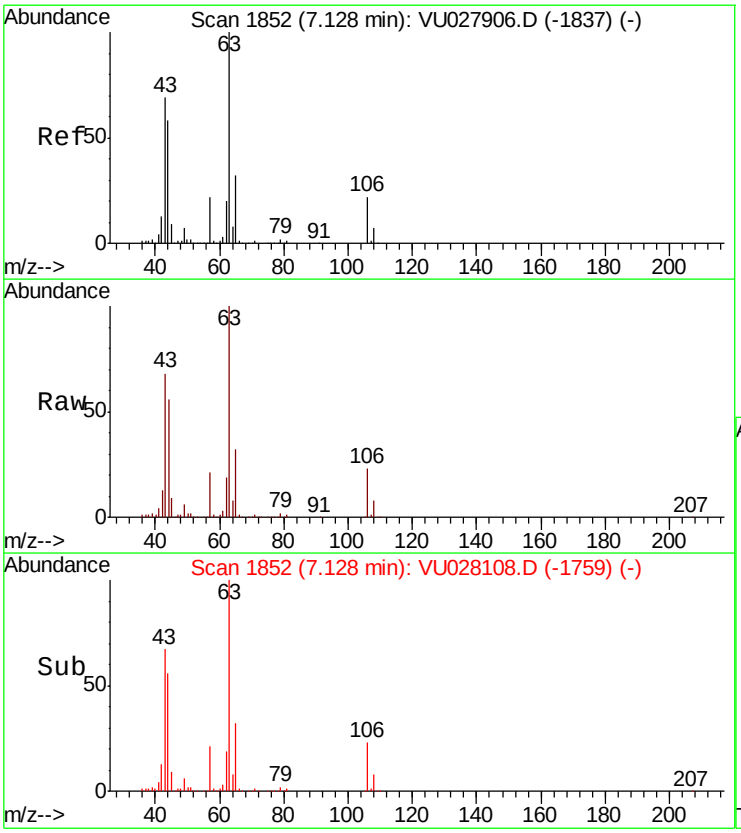

#57
1,3-Dichloropropane
Concen: 51.005 ug/l
RT: 8.24 min Scan# 2199
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion: 76 Resp: 256029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.6 | 25.3 | 37.9 |

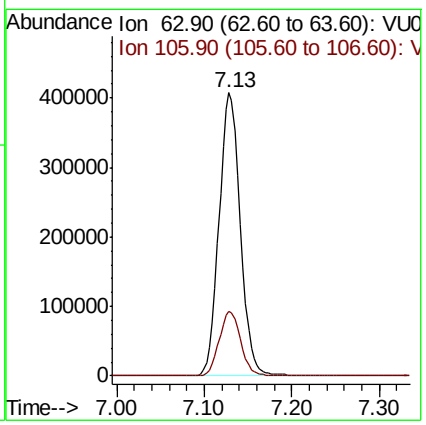


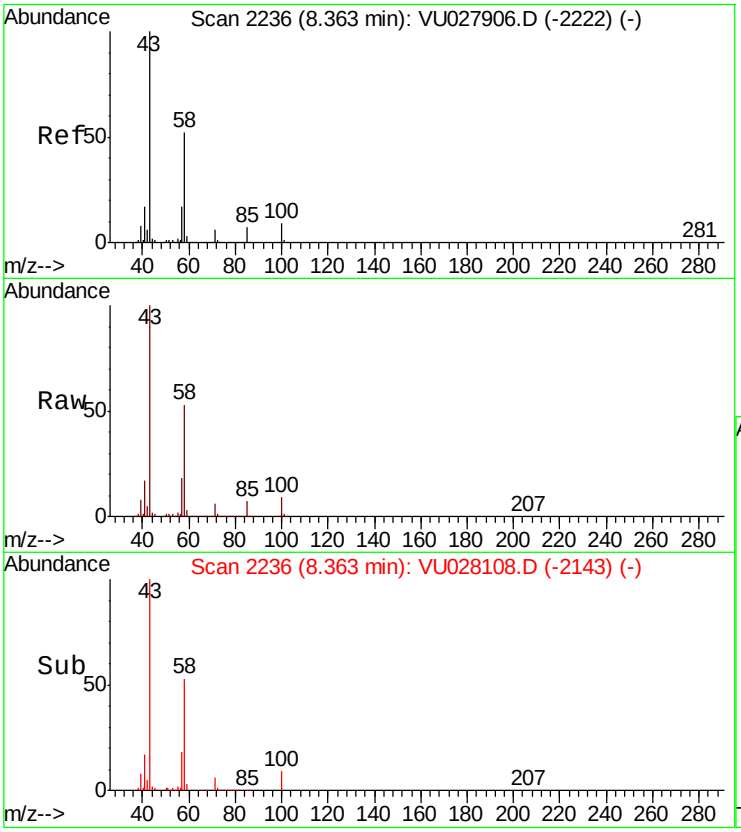




#58
2-Chloroethyl Vinyl ether
Concen: 264.441 ug/l
RT: 7.13 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion: 63 Resp: 688255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 23.0 | 17.8 | 26.6 |



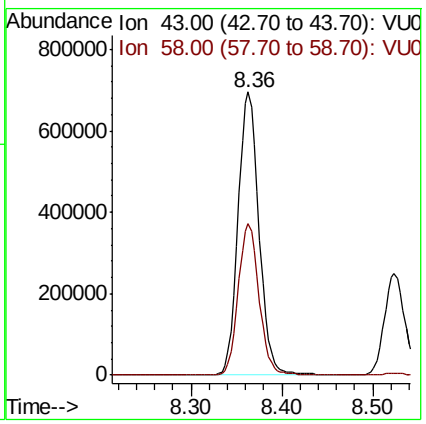


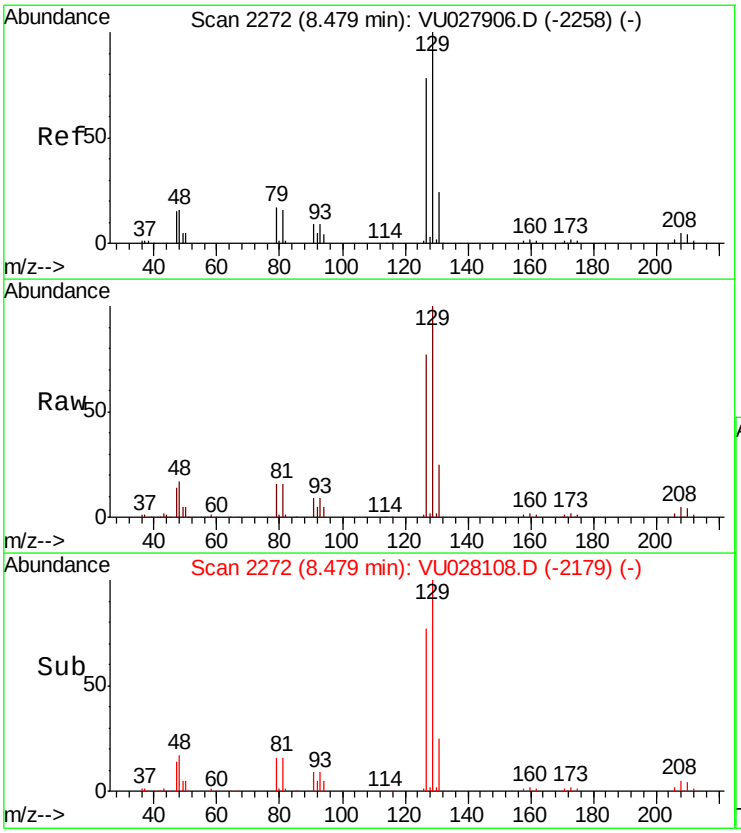

#59
2-Hexanone
Concen: 247.991 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion: 43 Resp: 1108069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 53.3 | 25.8 | 77.3 |

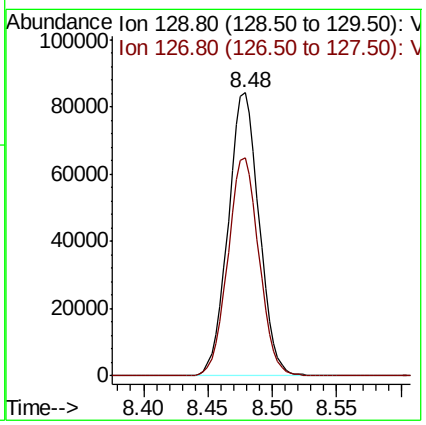


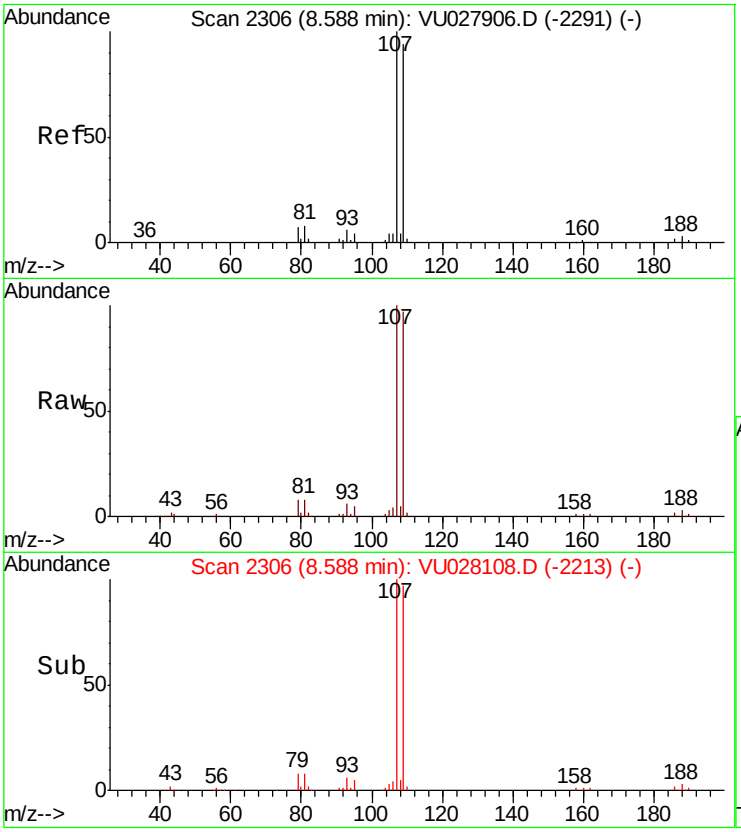




#60
Dibromochloromethane
Concen: 53.903 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion:129 Resp: 140558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.4 | 39.2 | 117.6 |



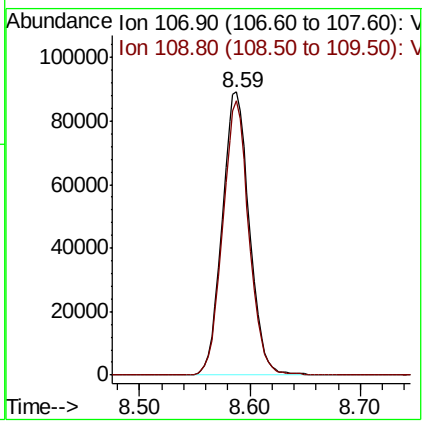


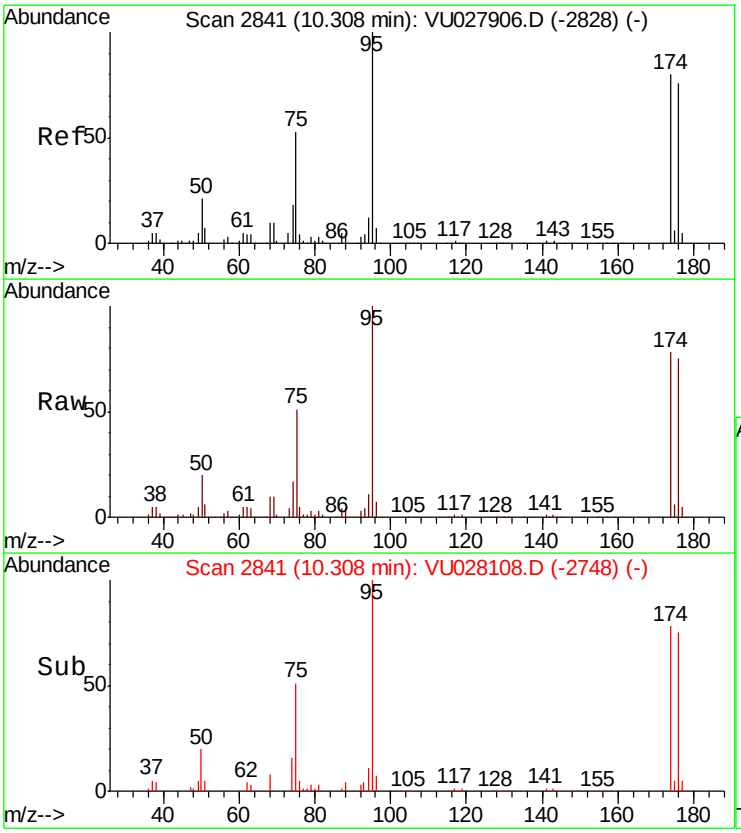

#61
1,2-Dibromoethane
Concen: 51.962 ug/l
RT: 8.59 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion:107 Resp: 152150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 93.6 | 73.8 | 110.8 |

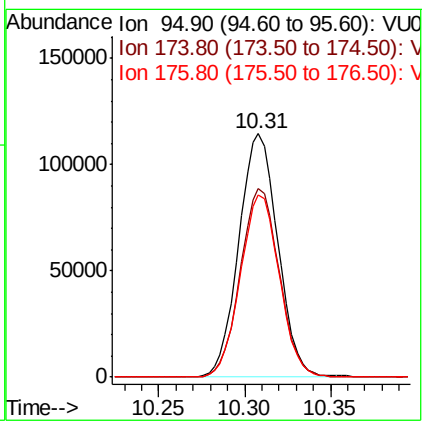


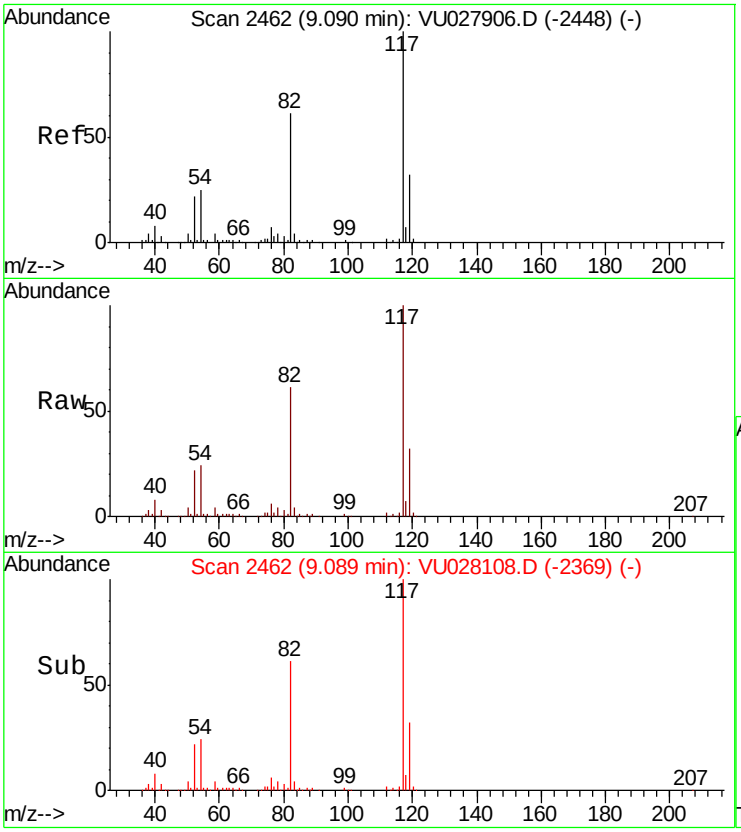




#62
4-Bromofluorobenzene
Concen: 55.716 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion: 95 Resp: 180095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 77.5 | 0.0 | 156.4 |
| 176 | 75.0 | 0.0 | 150.8 |



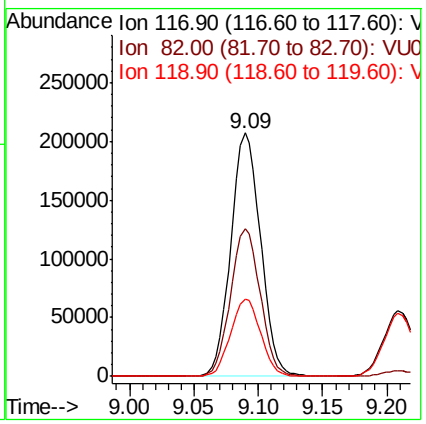


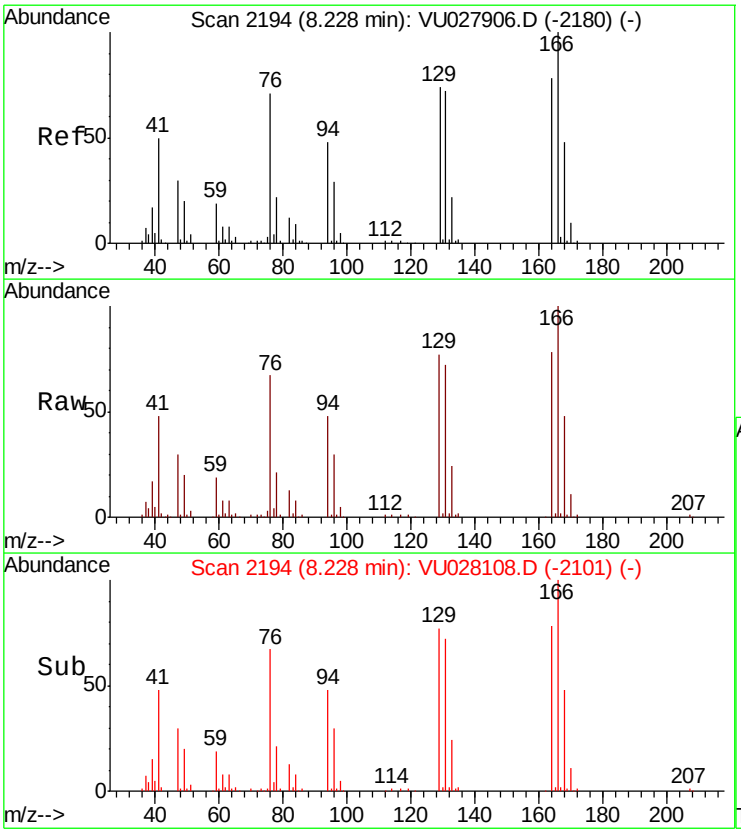

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion:117 Resp: 333228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 60.8 | 48.6 | 73.0 |
| 119 | 31.7 | 25.8 | 38.8 |

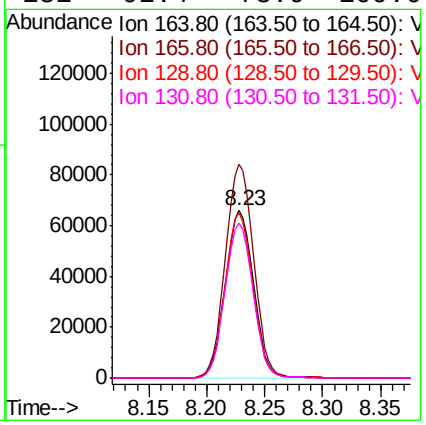


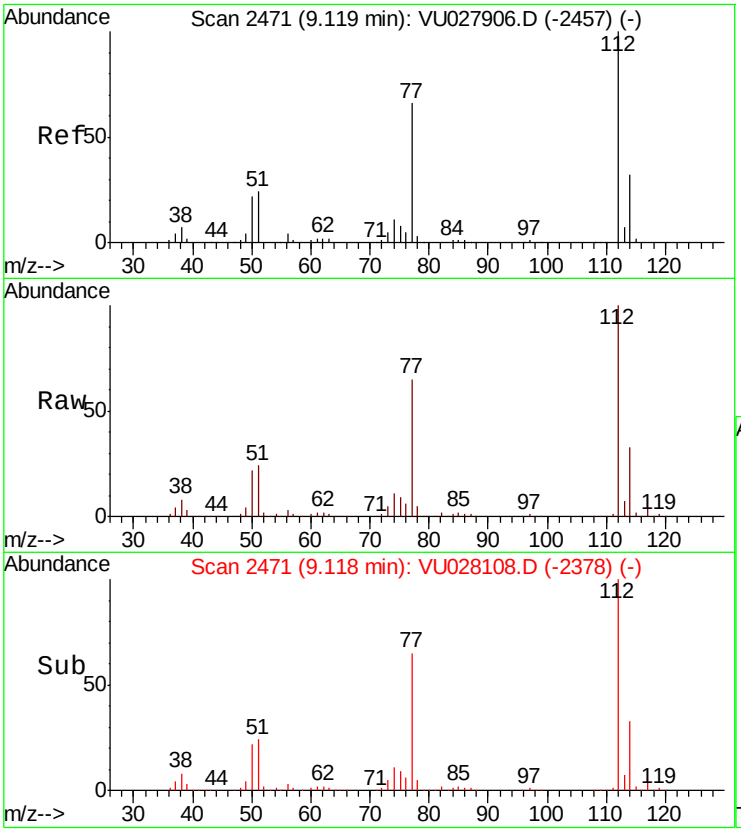




#64
Tetrachloroethene
Concen: 51.516 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion:164 Resp: 111313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 127.5 | 102.1 | 153.1 |
| 129 | 98.4 | 75.9 | 113.9 |
| 131 | 92.4 | 73.0 | 109.6 |



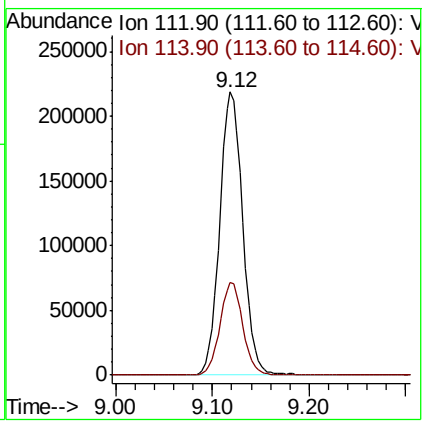


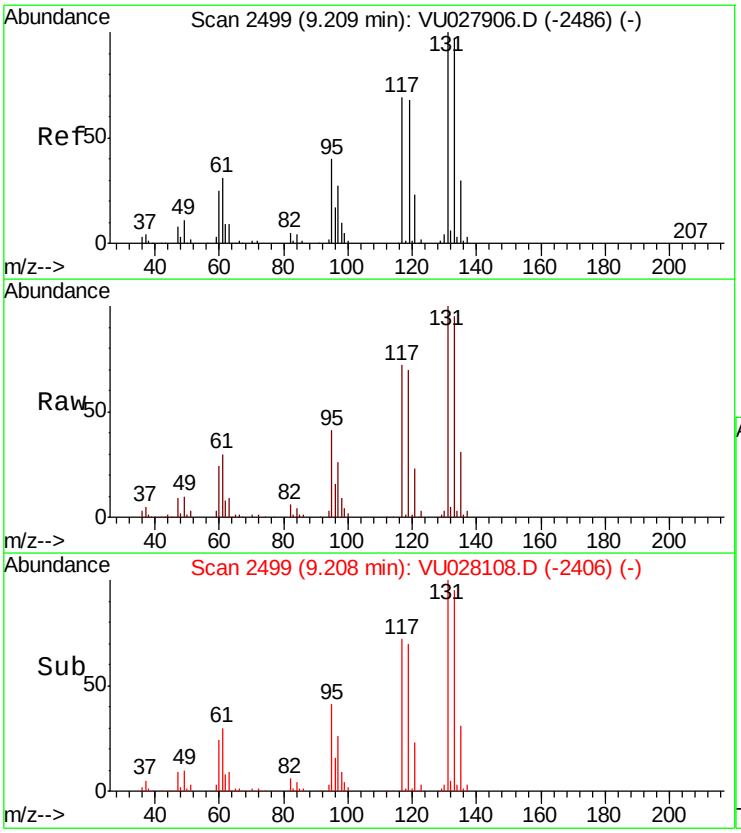

#65
Chlorobenzene
Concen: 51.250 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion:112 Resp: 360810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.7 | 25.2 | 37.8 |

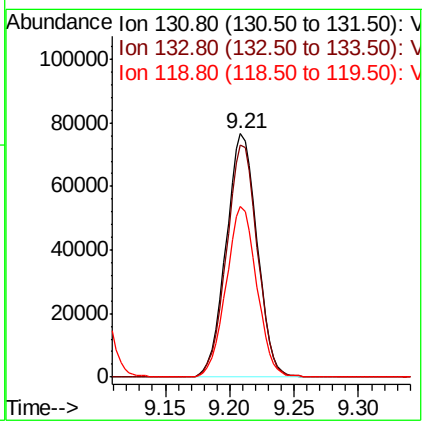


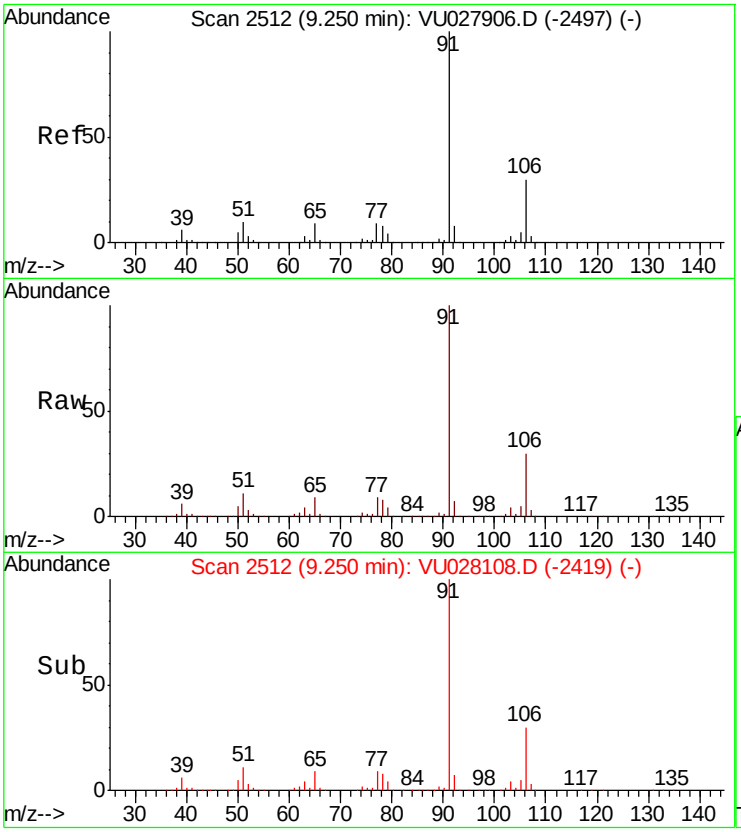




#66
1,1,1,2-Tetrachloroethane
Concen: 53.276 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion:131 Resp: 128113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 94.6 | 48.1 | 144.4 |
| 119 | 68.8 | 34.0 | 101.8 |

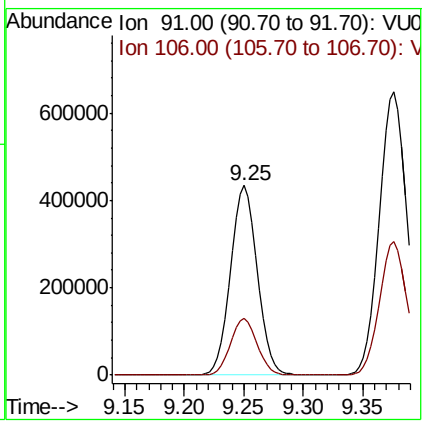




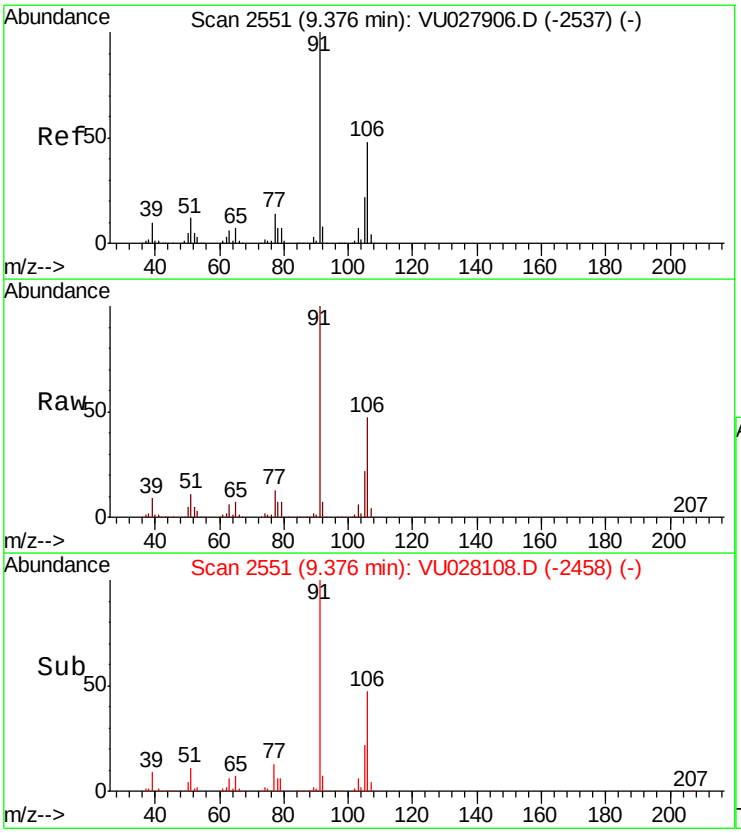

#67
Ethyl Benzene
Concen: 52.366 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion: 91 Resp: 678601

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



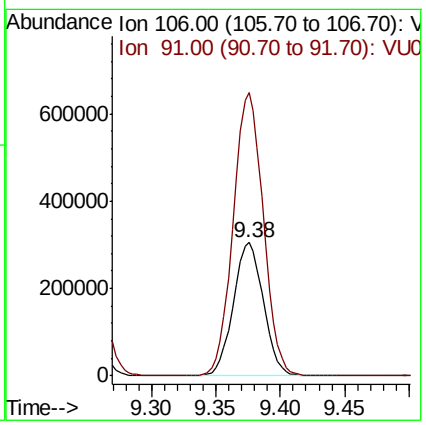

**Instrument :**
MSVOA_U
**ClientSampleId :**

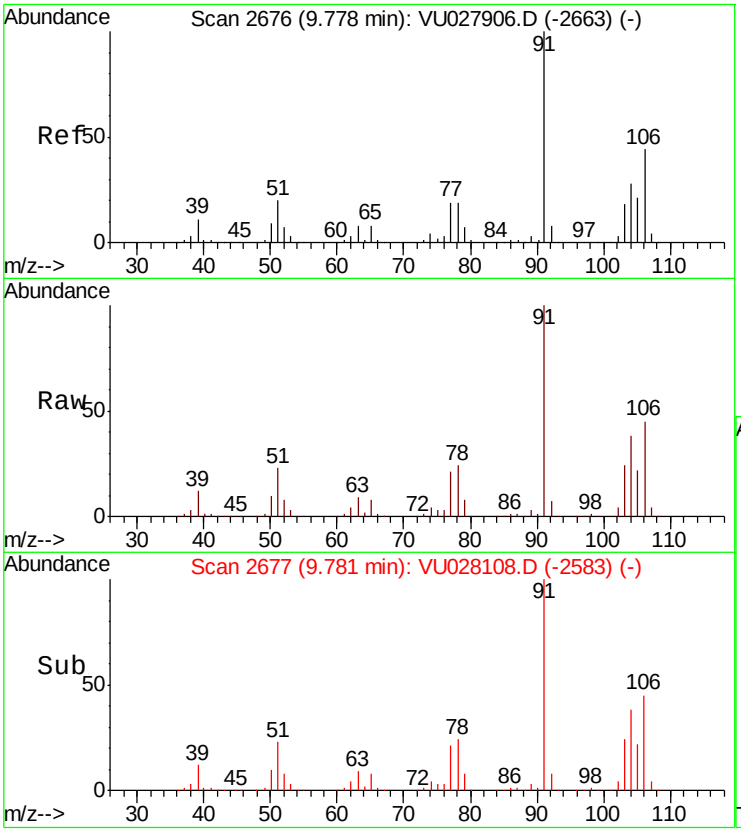



#68
m/p-Xylenes
Concen: 104.791 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion:106 Resp: 492722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 213.7 | 168.2 | 252.4 |



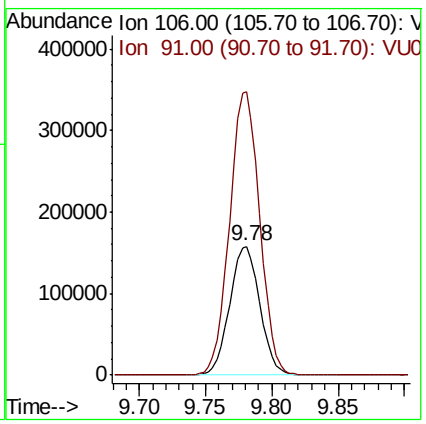


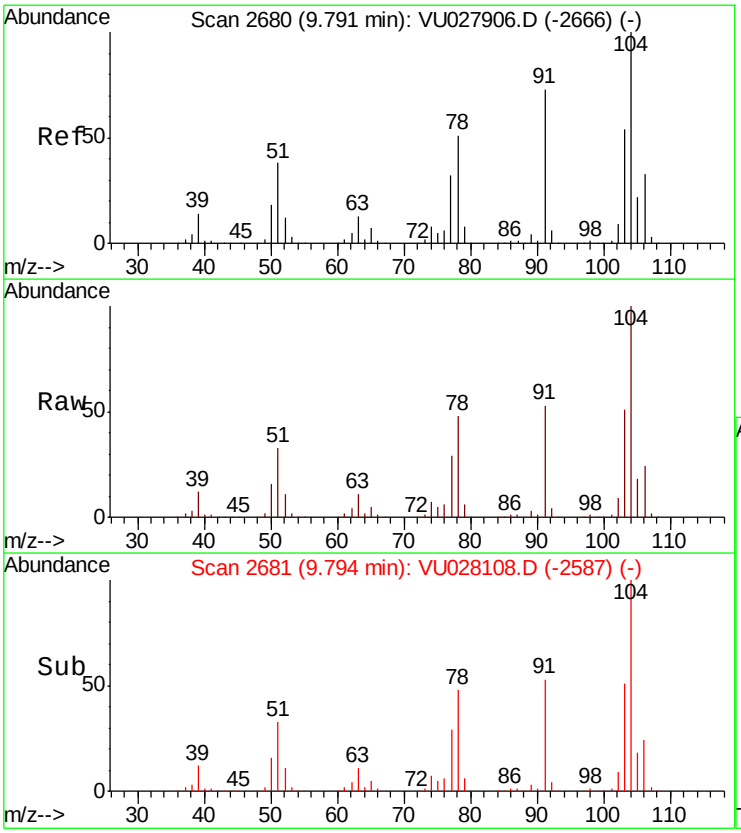

#69
o-Xylene
Concen: 52.391 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion:106 Resp: 248749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 220.2 | 111.1 | 333.4 |

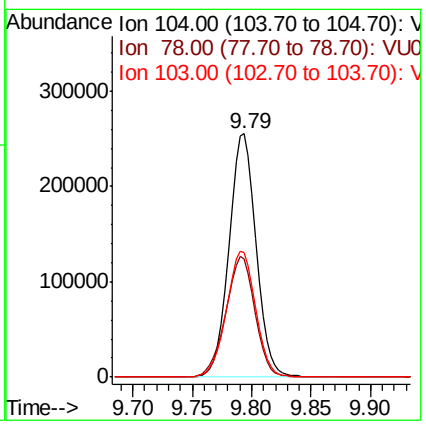


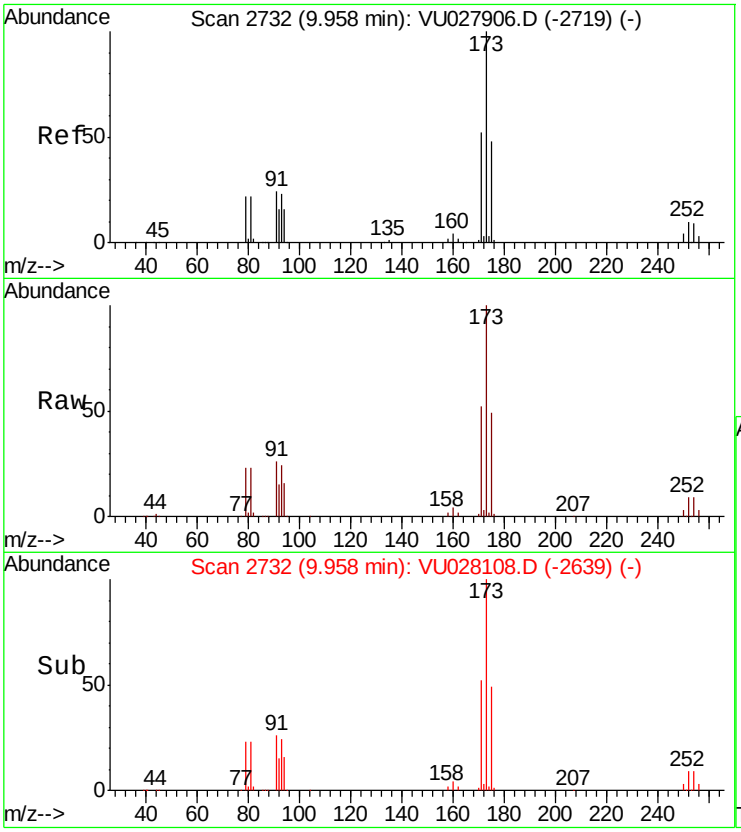




#70
Styrene
Concen: 53.199 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion:104 Resp: 403589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 53.3 | 43.0 | 64.4 |
| 103 | 55.6 | 45.1 | 67.7 |



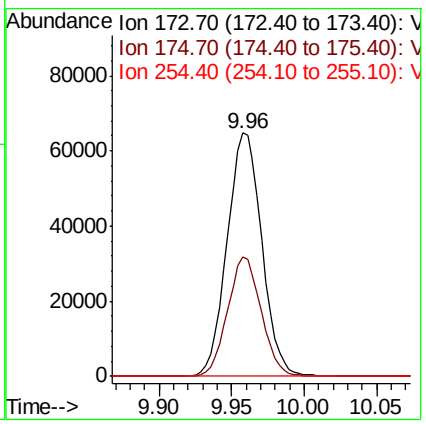


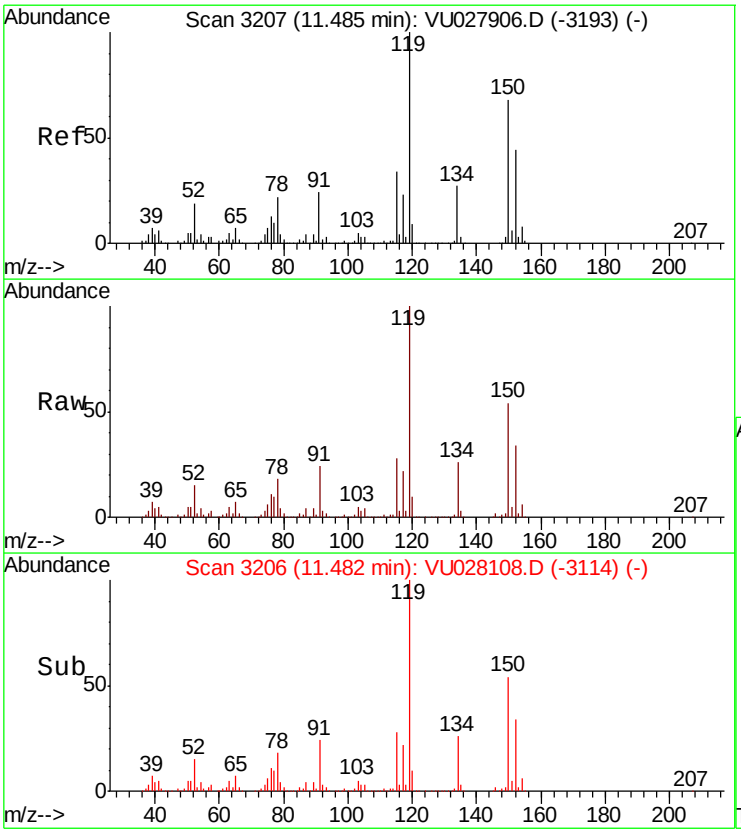

#71
Bromoform
Concen: 53.308 ug/l
RT: 9.96 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion:173 Resp: 107432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 47.5 | 24.3 | 72.8 |
| 254 | 0.0 | 0.0 | 0.0 |

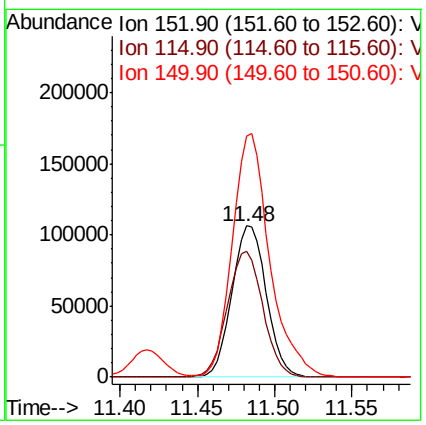


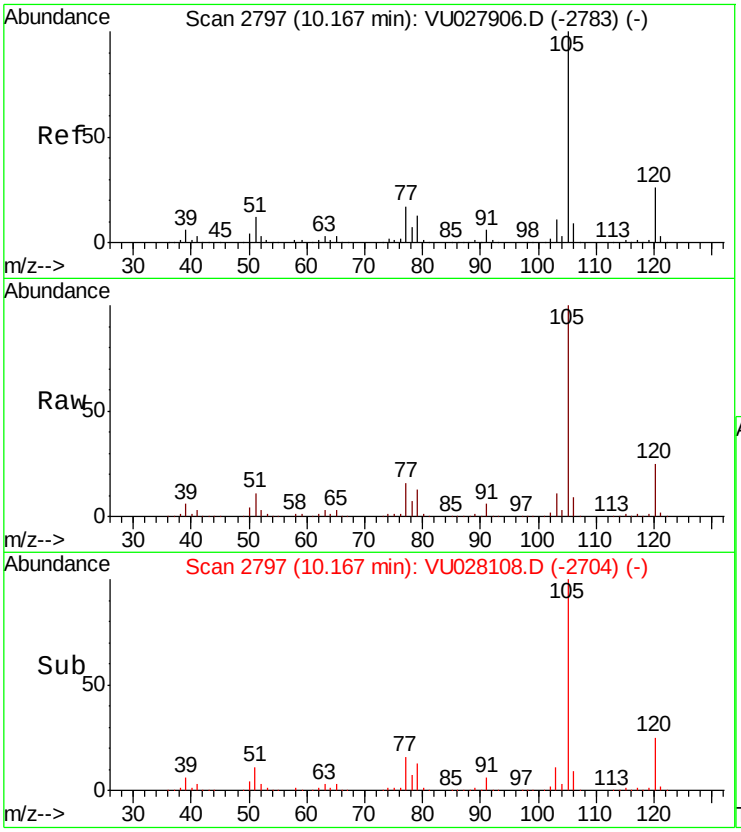




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion:152 Resp: 163727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 85.8 | 43.0 | 129.0 |
| 150 | 175.4 | 0.0 | 349.4 |



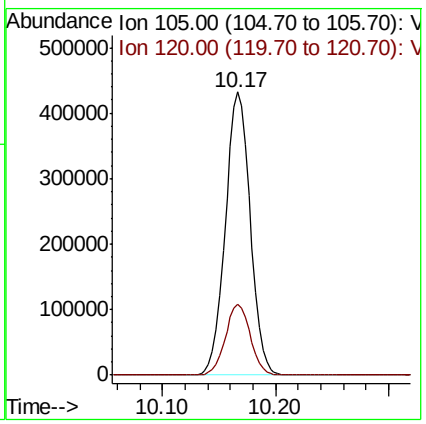


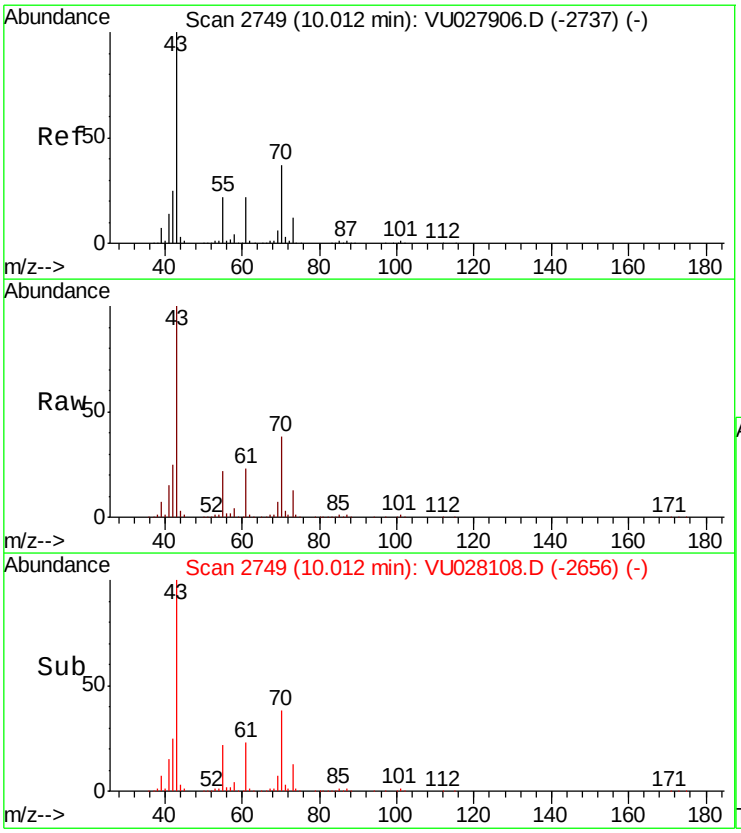

#73
Isopropylbenzene
Concen: 52.025 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion:105 Resp: 659878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.2 | 12.7 | 38.0 |

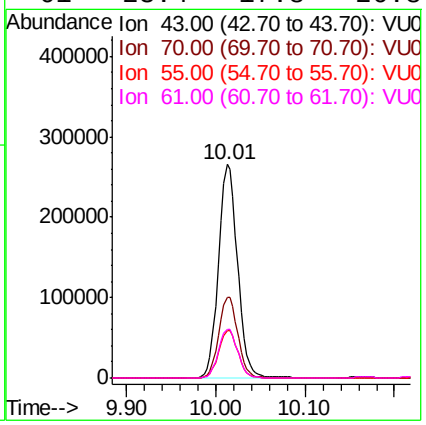


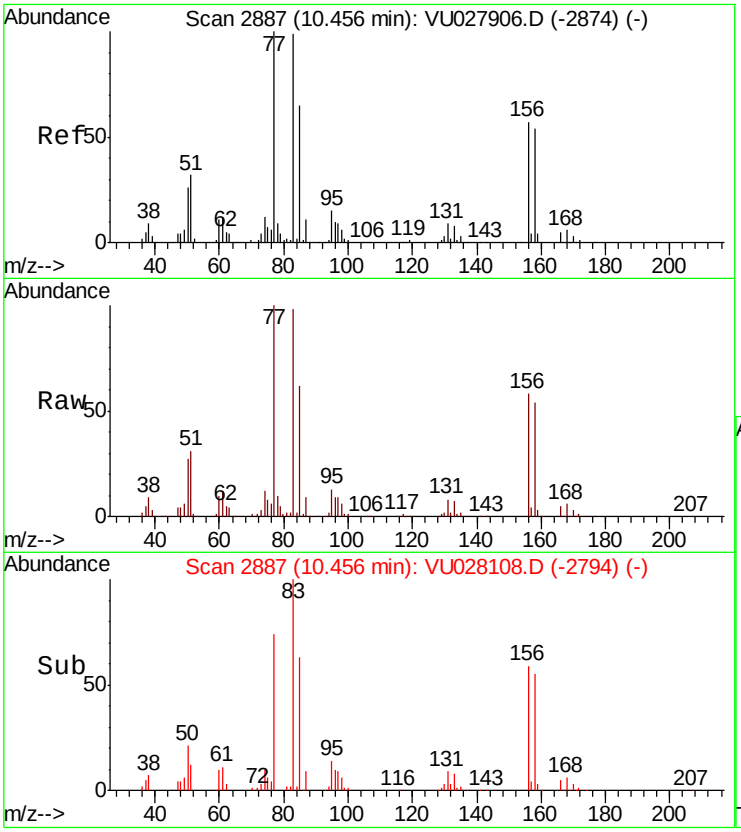




#74
N-amyl acetate
Concen: 51.063 ug/l
RT: 10.01 min Scan# 2749
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion: 43 Resp: 391636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 38.1 | 29.2 | 43.8 |
| 55 | 22.6 | 17.8 | 26.6 |
| 61 | 23.4 | 17.8 | 26.8 |



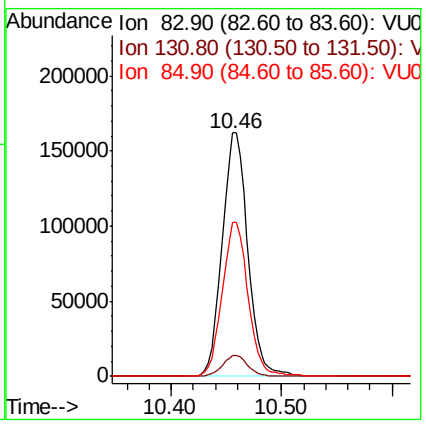


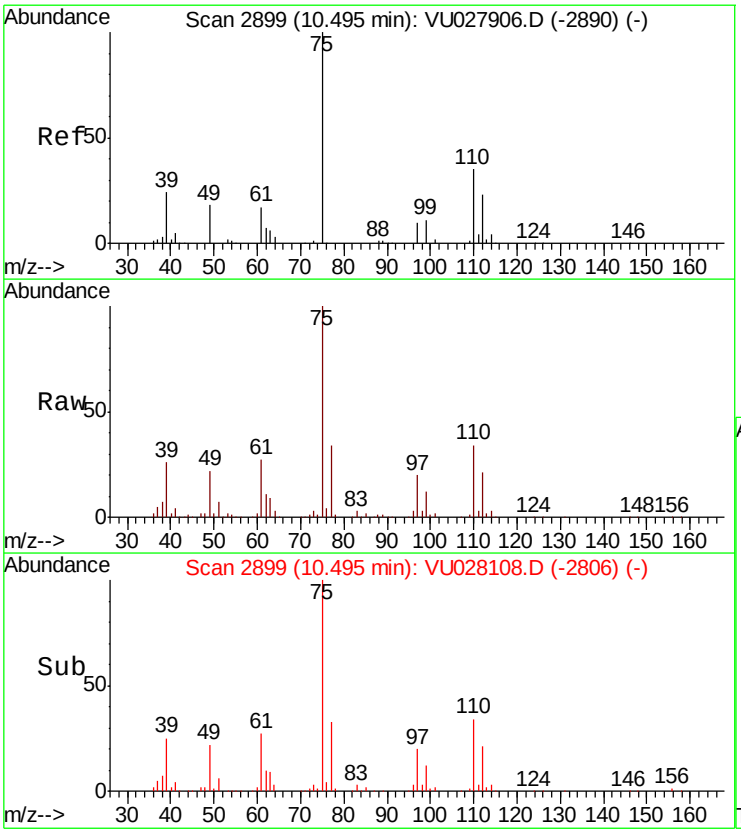

#75
1,1,2,2-Tetrachloroethane
Concen: 51.222 ug/l
RT: 10.46 min Scan# 2887
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion: 83 Resp: 262065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 8.4 | 4.3 | 13.1 |
| 85 | 63.8 | 32.4 | 97.2 |

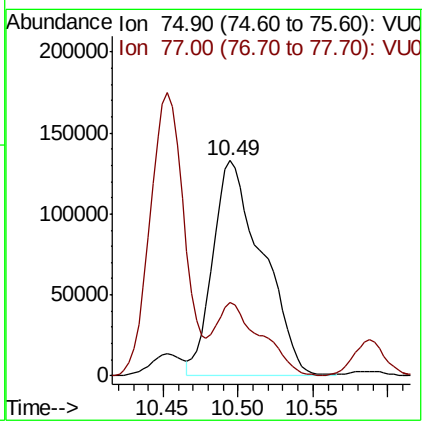


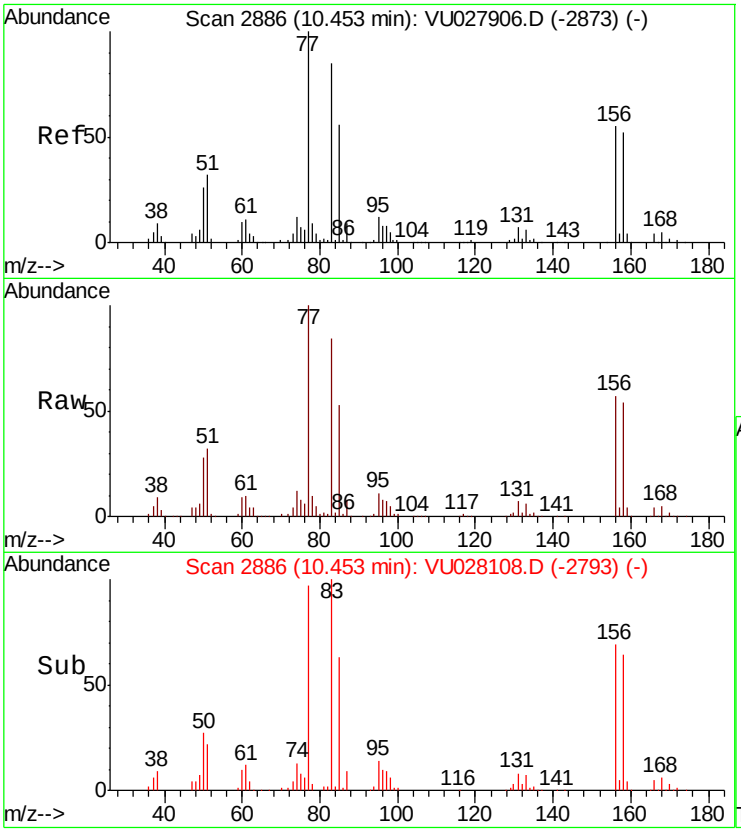




#76
1,2,3-Trichloropropane
Concen: 68.694 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion: 75 Resp: 307641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.3 | 21.6 | 64.6 |



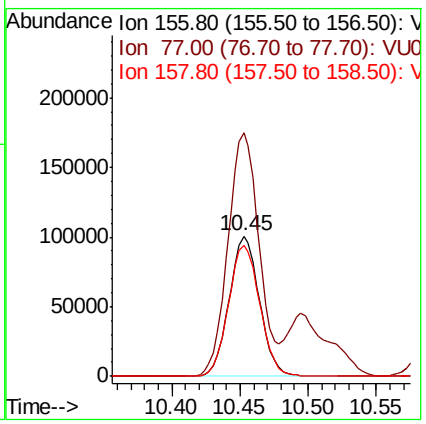


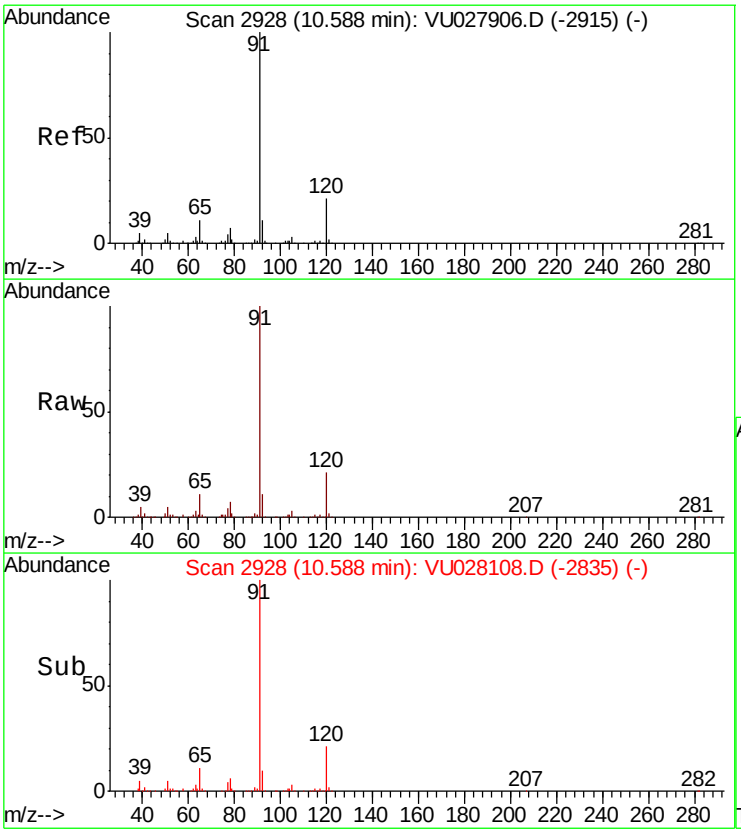

#77
Bromobenzene
Concen: 53.333 ug/l
RT: 10.45 min Scan# 2886
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion:156 Resp: 155115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 179.2 | 91.8 | 275.6 |
| 158 | 96.9 | 48.4 | 145.2 |

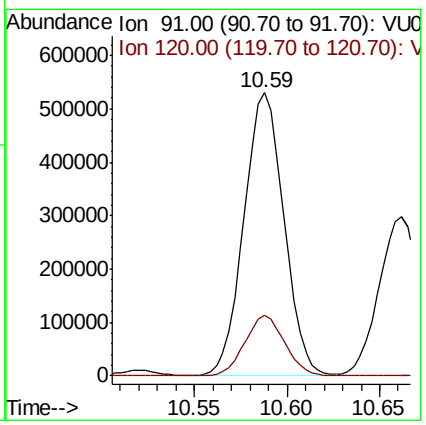


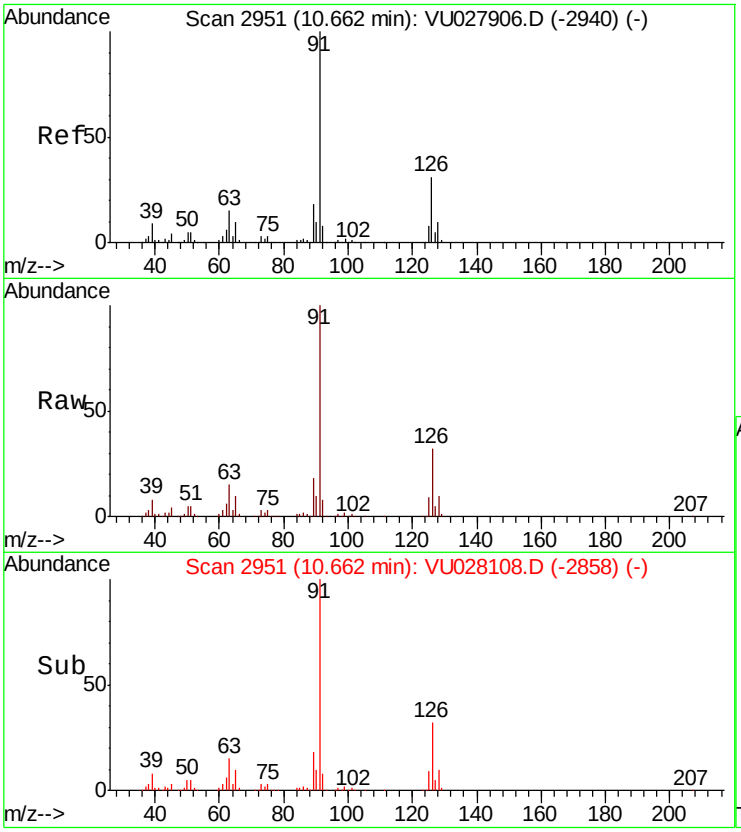




#78
n-propylbenzene
Concen: 52.284 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion: 91 Resp: 793792

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



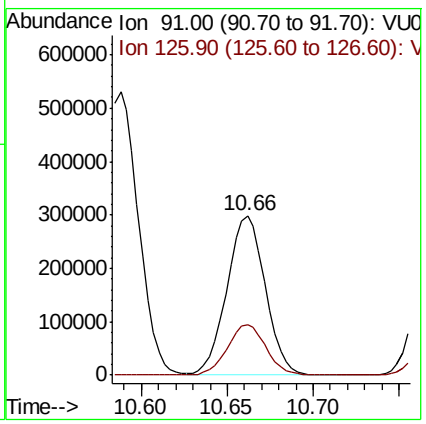


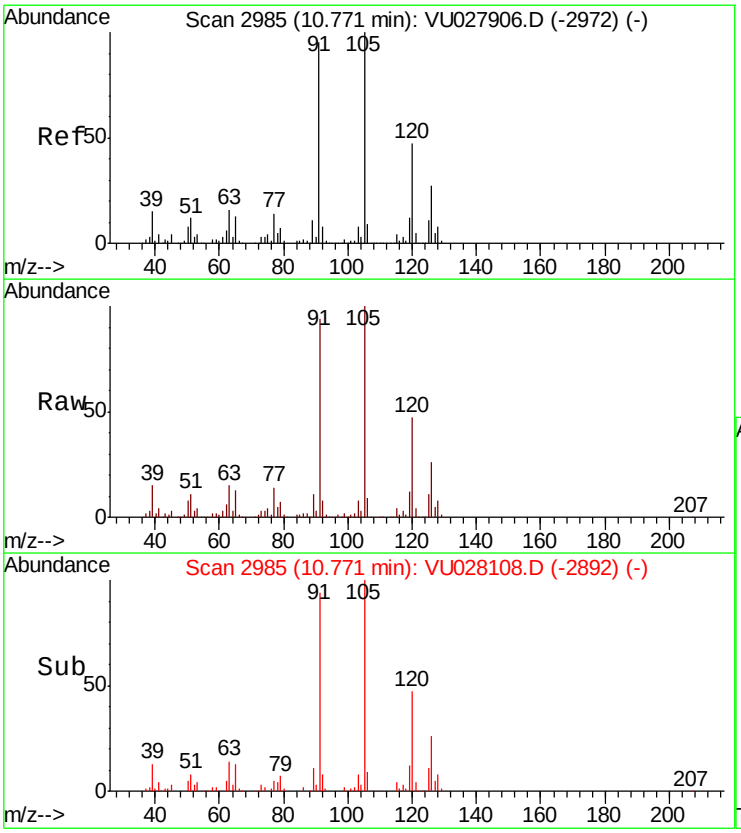

#79
2-Chlorotoluene
Concen: 50.931 ug/l
RT: 10.66 min Scan# 2951
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion: 91 Resp: 463491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 31.8 | 16.0 | 47.9 |

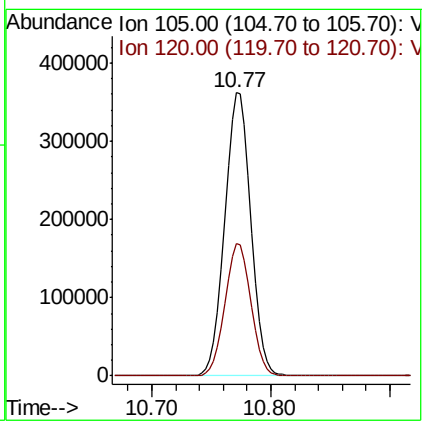


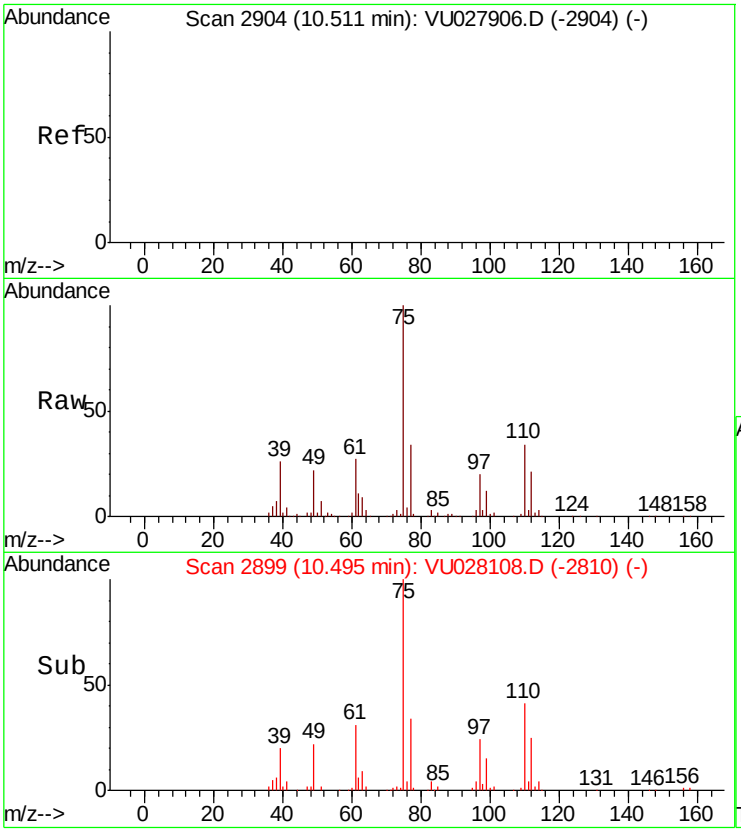




#80
1,3,5-Trimethylbenzene
Concen: 52.238 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion:105 Resp: 548873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.5 | 23.3 | 69.9 |



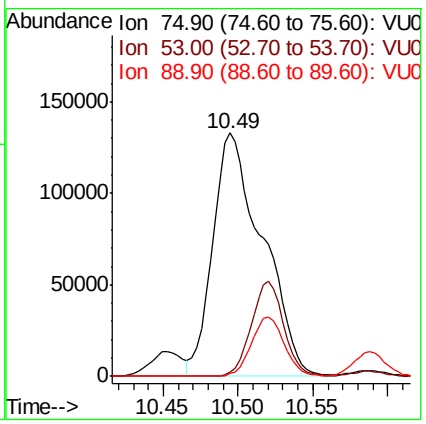


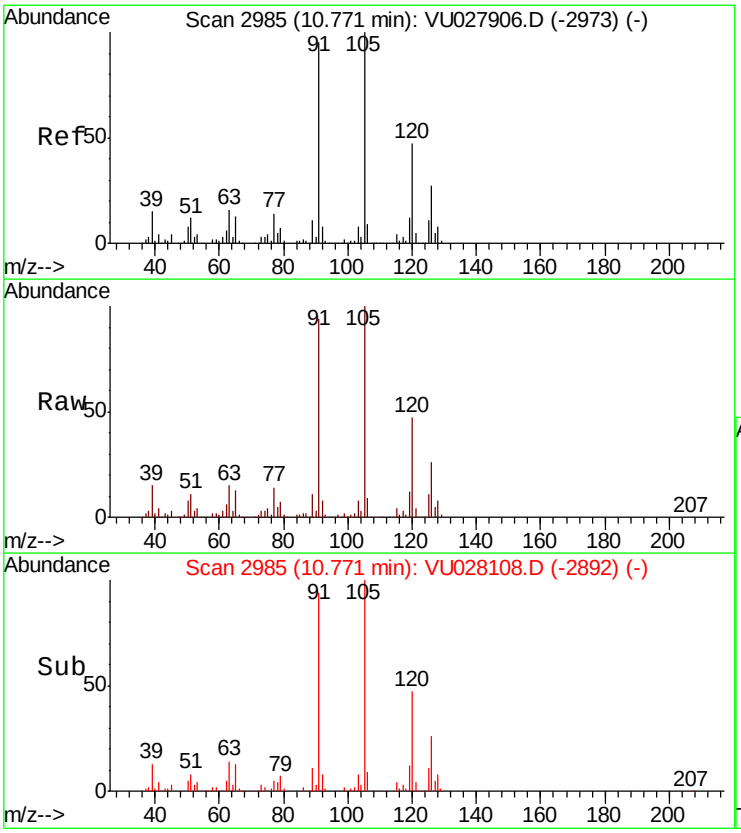

#81
trans-1,4-Dichloro-2-butene
Concen: 170.876 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion: 75 Resp: 307641

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

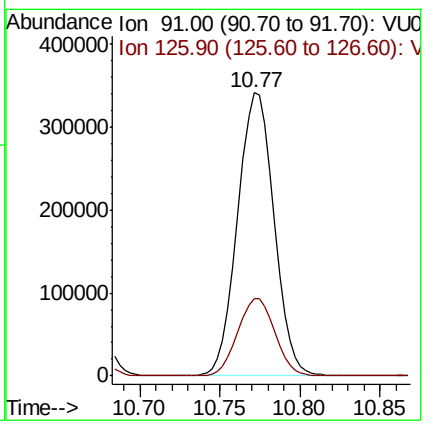


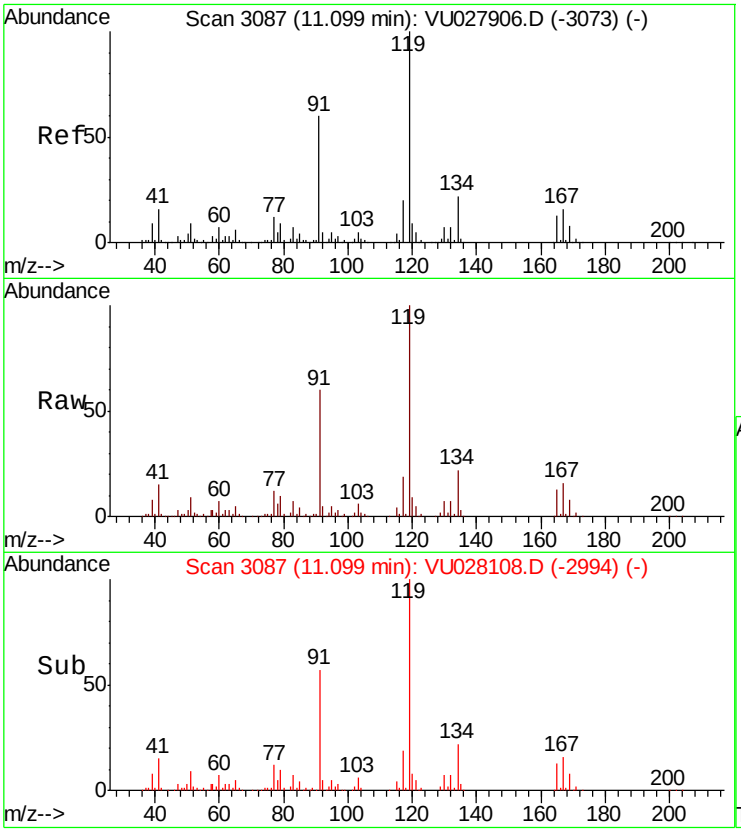




#82
4-Chlorotoluene
Concen: 51.080 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion: 91 Resp: 527730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 28.0 | 14.2 | 42.6 |



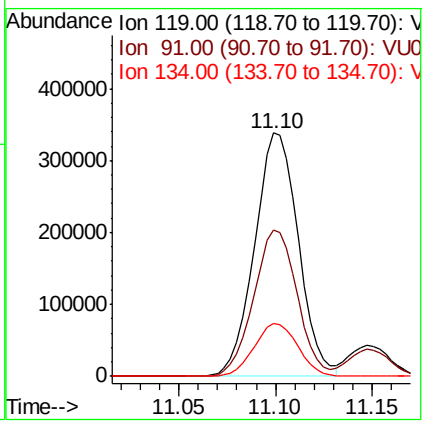


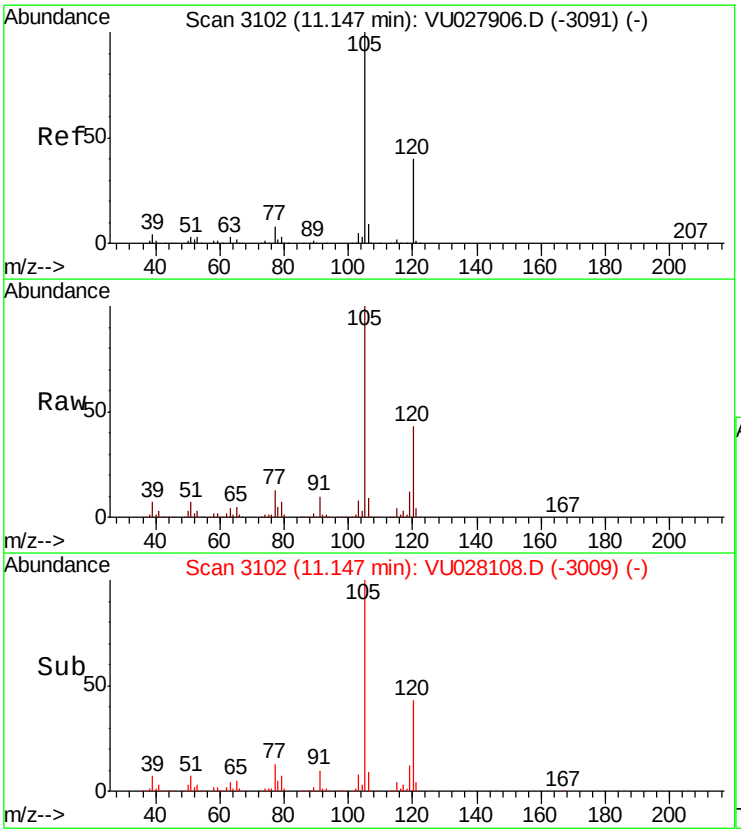

#83
tert-Butylbenzene
Concen: 50.850 ug/l
RT: 11.10 min Scan# 3087
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion:119 Resp: 534132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 59.7 | 29.8 | 89.3 |
| 134 | 21.8 | 11.1 | 33.1 |

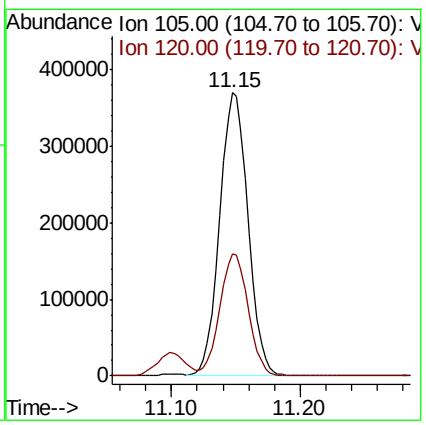


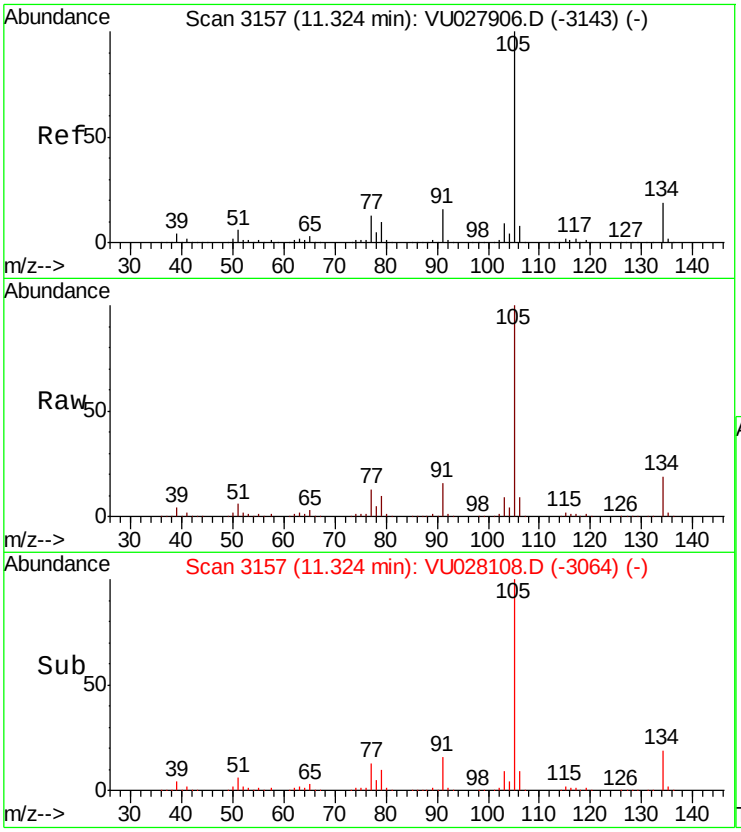




#84
1,2,4-Trimethylbenzene
Concen: 53.102 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion:105 Resp: 561828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 43.2 | 22.1 | 66.1 |



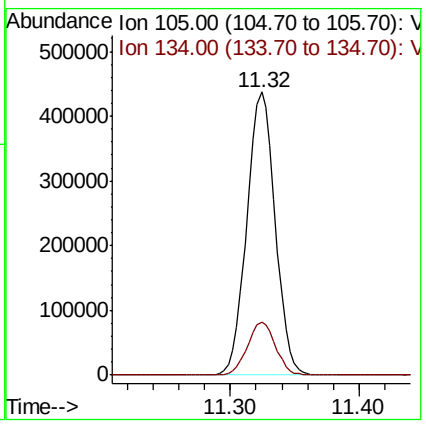


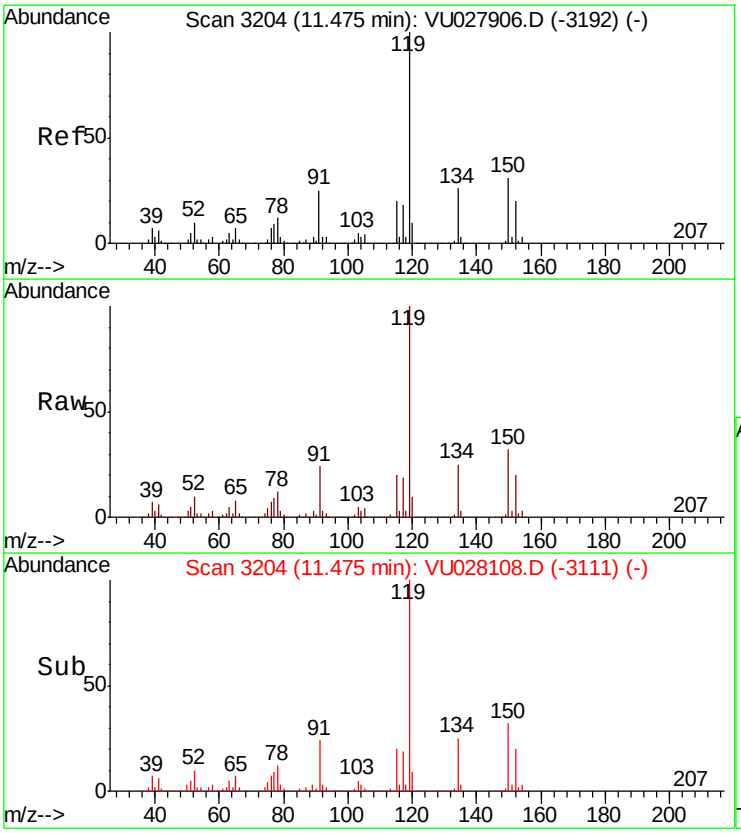

#85
sec-Butylbenzene
Concen: 52.471 ug/l
RT: 11.32 min Scan# 3157
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion:105 Resp: 670301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 18.6 | 9.2 | 27.6 |

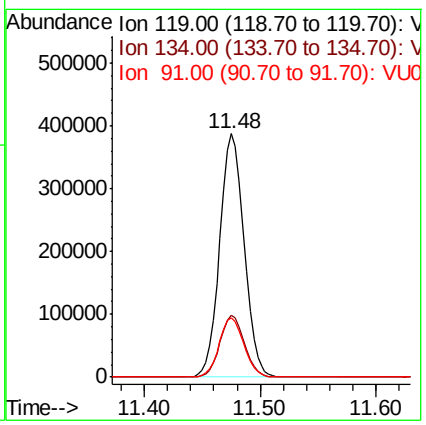


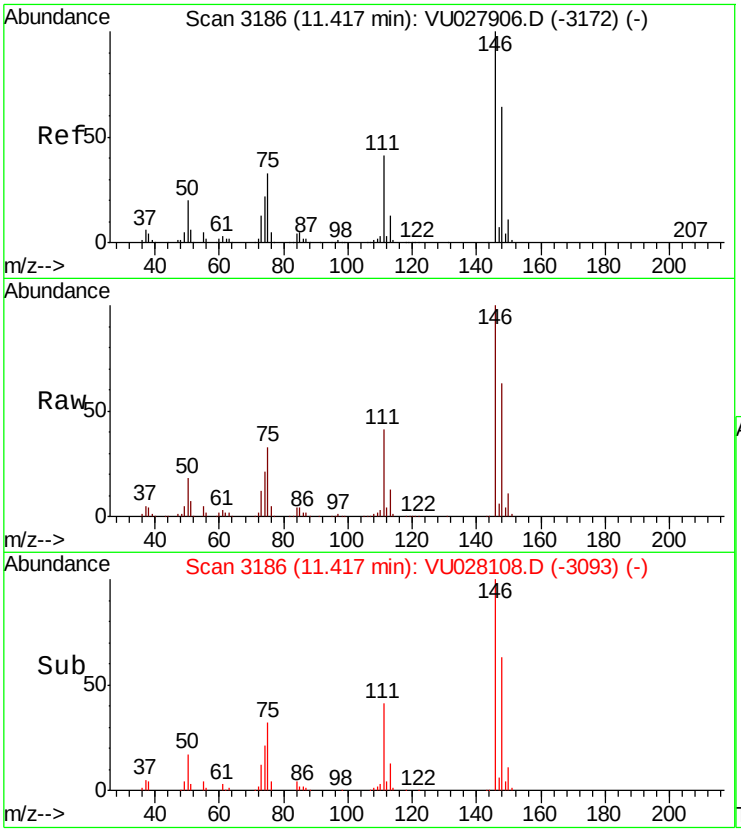




#86
p-Isopropyltoluene
Concen: 52.636 ug/l
RT: 11.48 min Scan# 3204
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion:119 Resp: 562111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 25.5 | 12.9 | 38.7 |
| 91 | 24.6 | 12.4 | 37.2 |



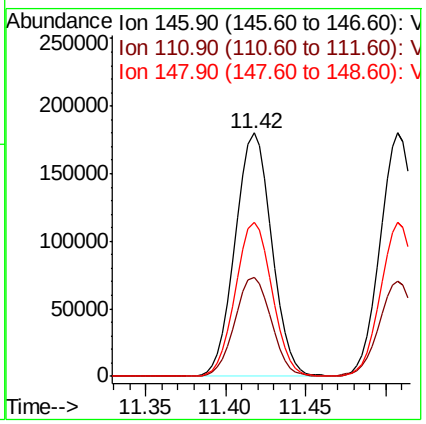


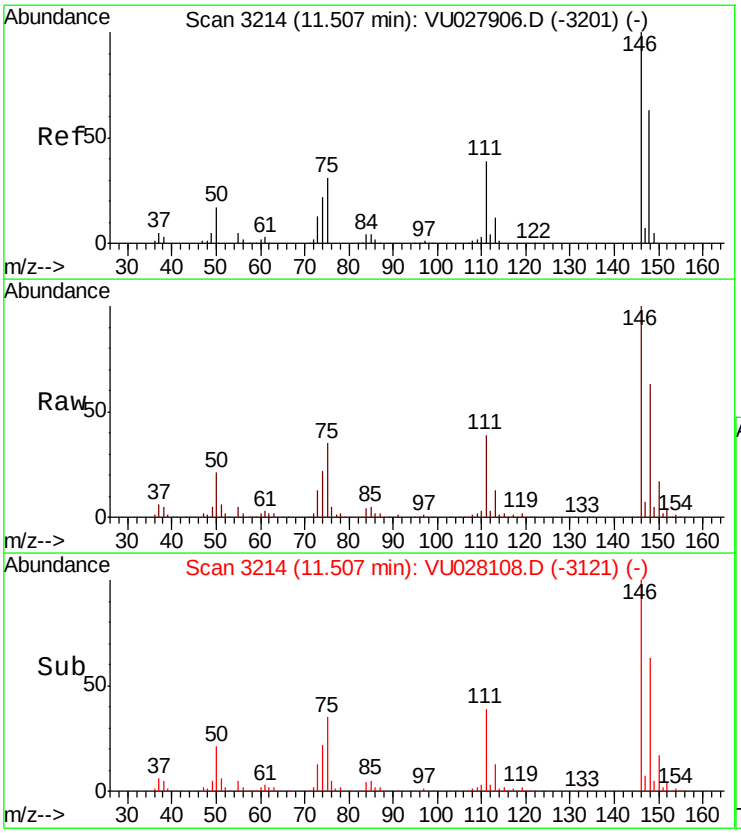

#87
1,3-Dichlorobenzene
Concen: 52.115 ug/l
RT: 11.42 min Scan# 3186
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion:146 Resp: 279993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.5 | 20.3 | 61.0 |
| 148 | 63.3 | 31.8 | 95.4 |

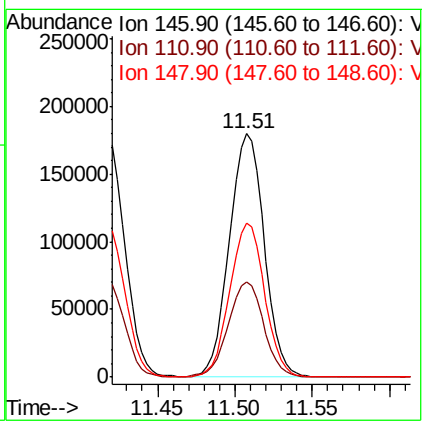


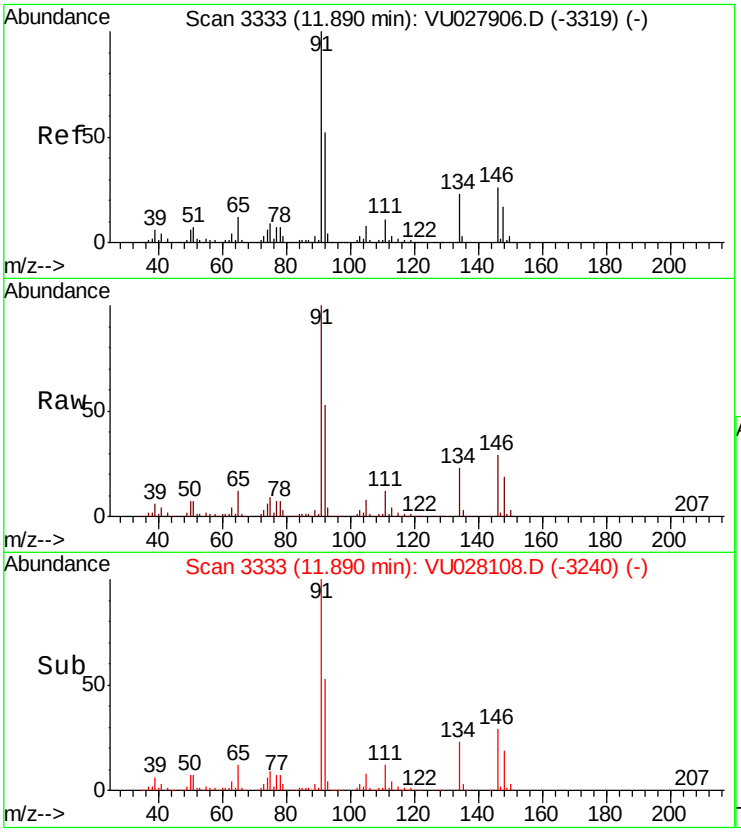




#88
1,4-Dichlorobenzene
Concen: 50.915 ug/l
RT: 11.51 min Scan# 3214
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion:146 Resp: 280375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.1 | 20.3 | 60.9 |
| 148 | 63.2 | 32.0 | 96.2 |



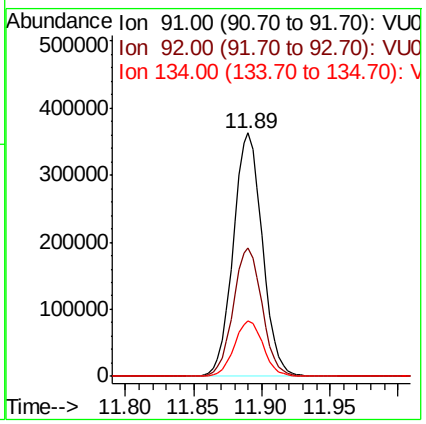


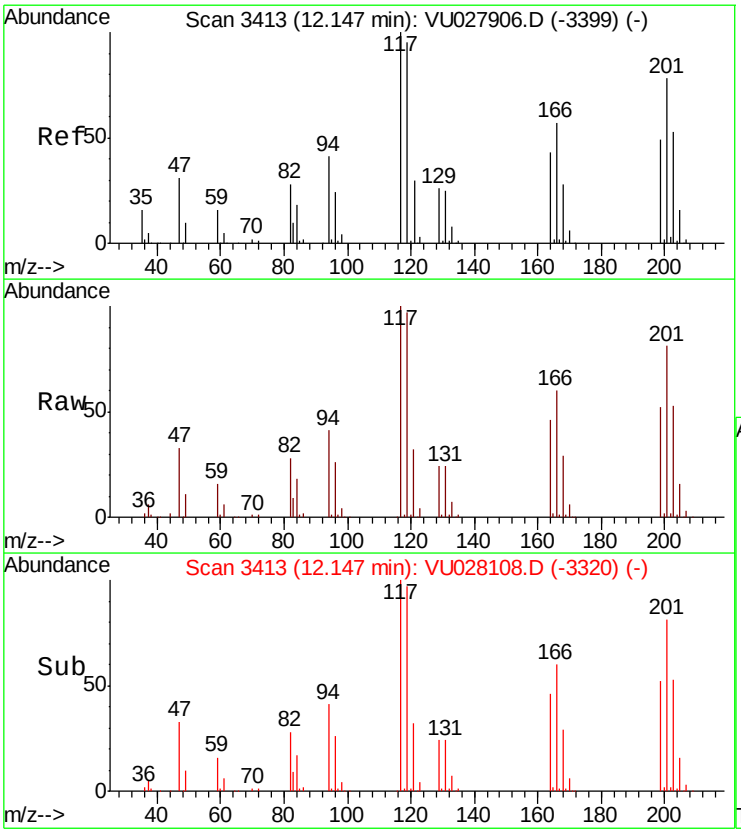

#89
n-Butylbenzene
Concen: 52.871 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion: 91 Resp: 536607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 52.3 | 26.2 | 78.5 |
| 134 | 22.7 | 11.5 | 34.5 |

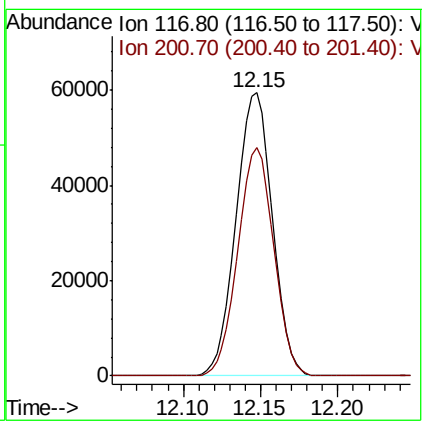


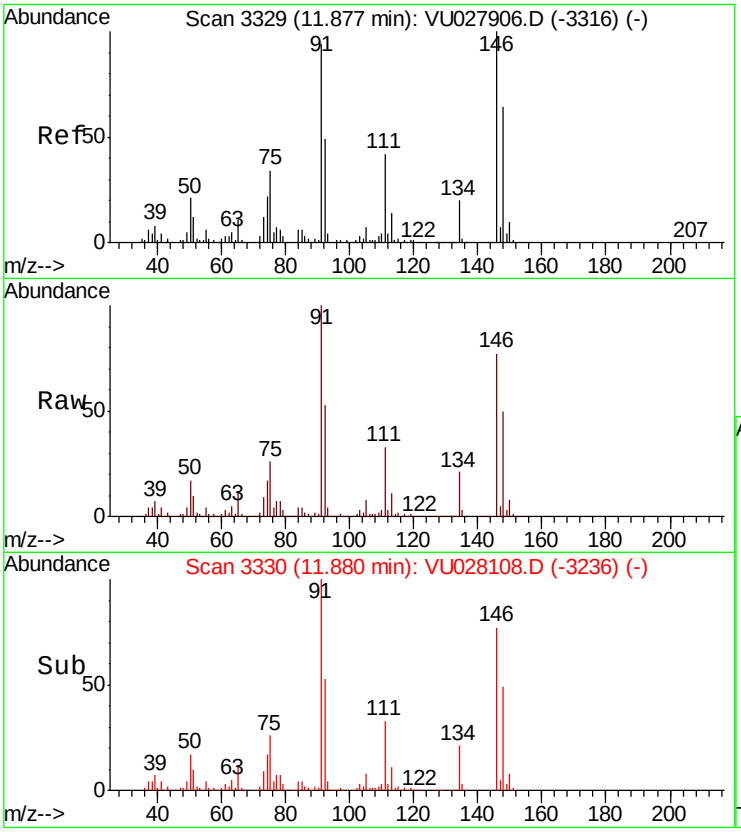




#90
Hexachloroethane
Concen: 51.235 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion:117 Resp: 97413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 79.8 | 38.5 | 115.5 |



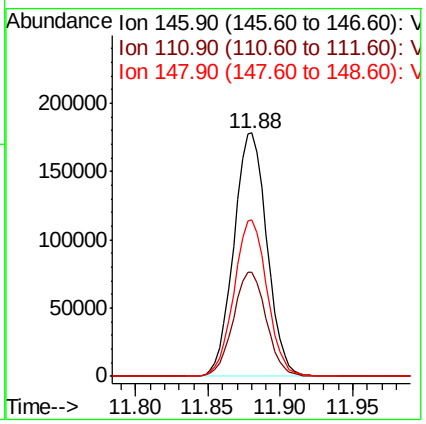


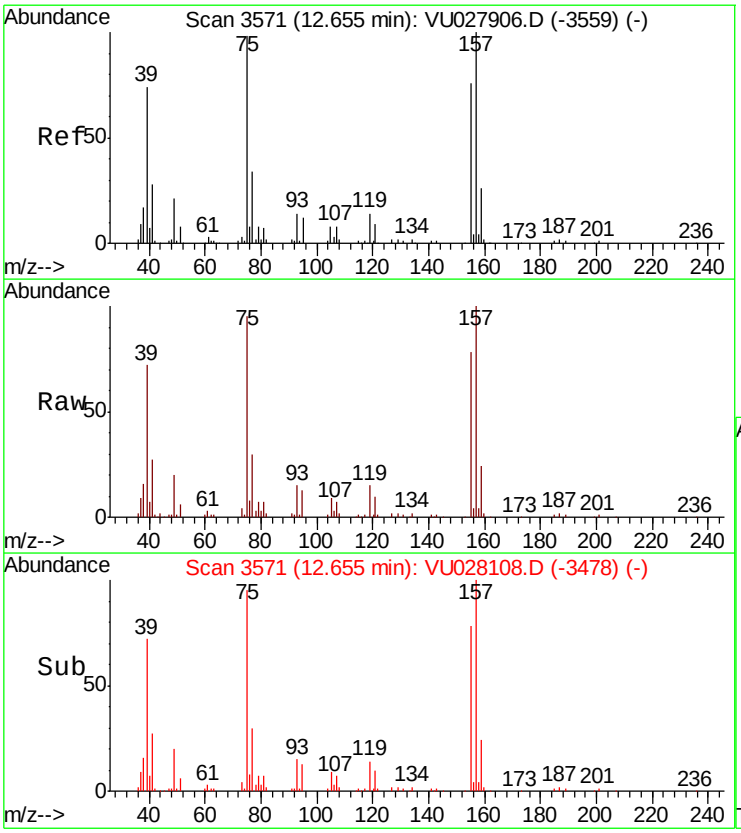

#91
1,2-Dichlorobenzene
Concen: 52.475 ug/l
RT: 11.88 min Scan# 3330
Delta R.T. 0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion:146 Resp: 283518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.7 | 21.3 | 64.0 |
| 148 | 64.2 | 31.8 | 95.3 |

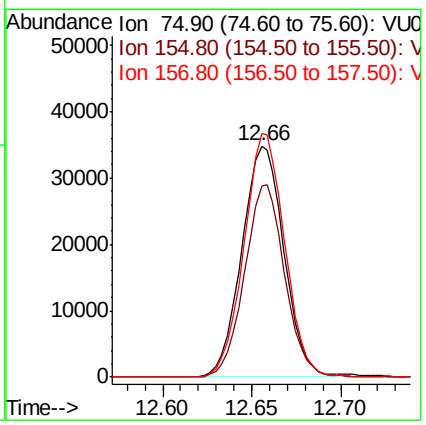


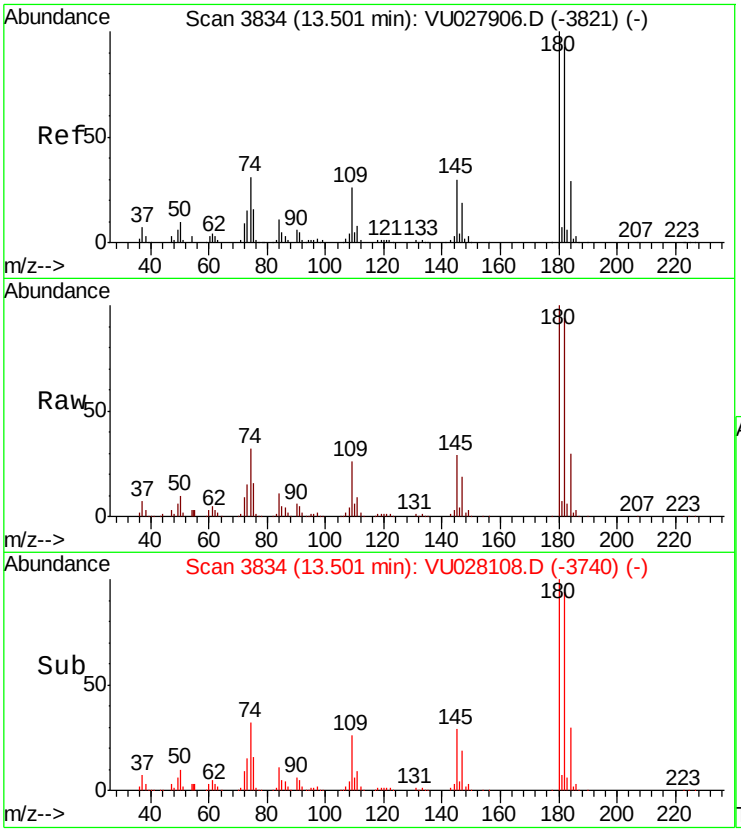




#92
1,2-Dibromo-3-Chloropropane
Concen: 53.358 ug/l
RT: 12.66 min Scan# 3571
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion: 75 Resp: 57523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 79.6 | 39.8 | 119.3 |
| 157 | 101.6 | 50.6 | 151.9 |



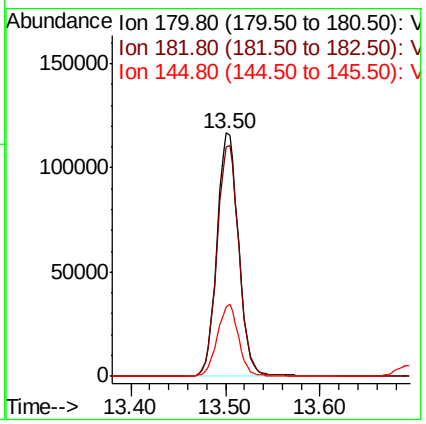


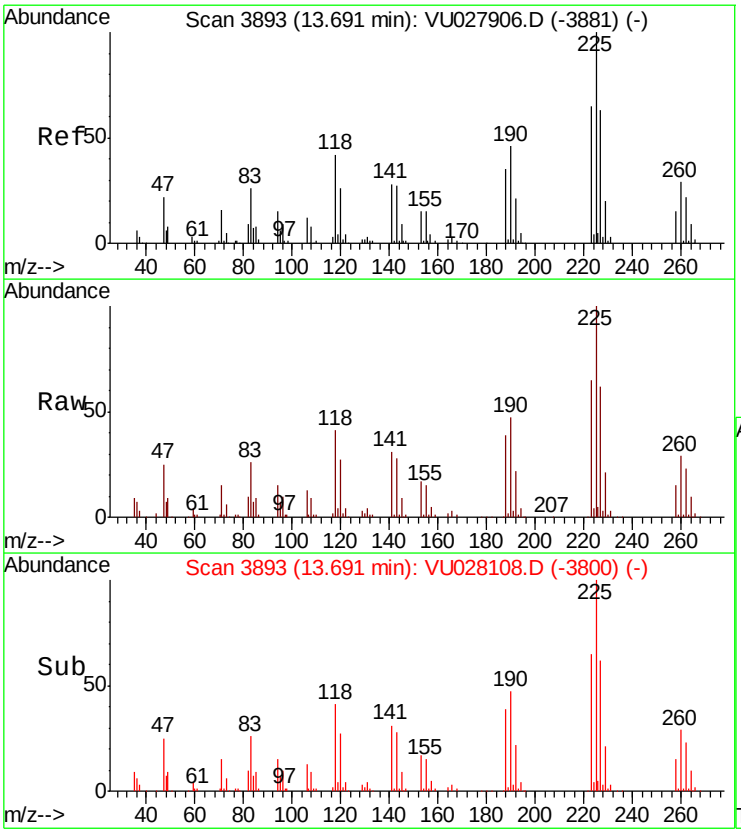

#93
1,2,4-Trichlorobenzene
Concen: 49.032 ug/l
RT: 13.50 min Scan# 3834
Delta R.T. 0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion:180 Resp: 185739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.9 | 48.4 | 145.2 |
| 145 | 29.1 | 14.9 | 44.5 |

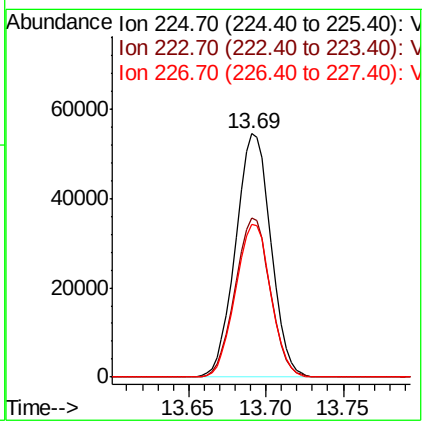


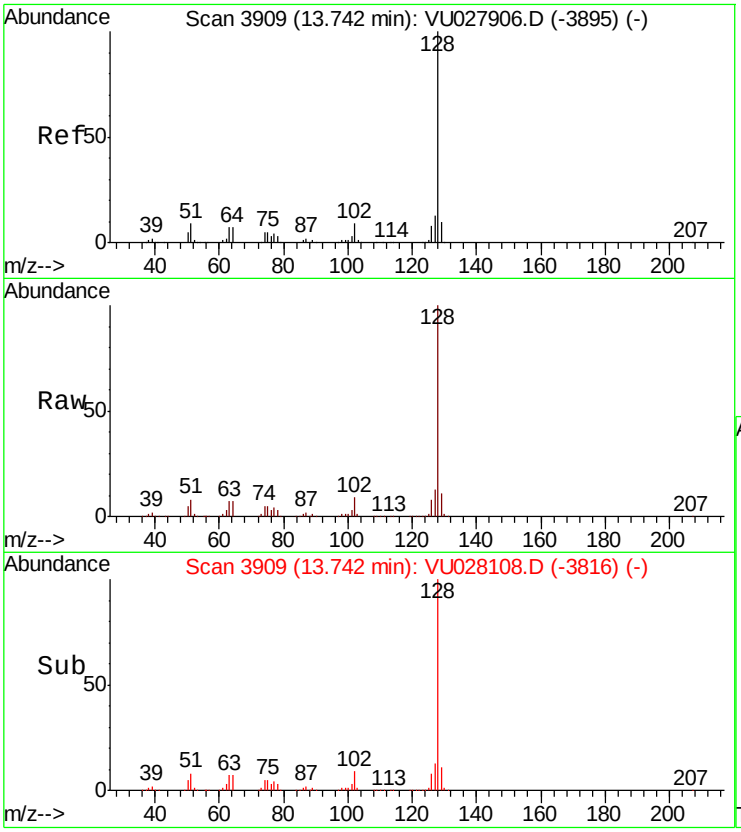




#94
Hexachlorobutadiene
Concen: 50.420 ug/l
RT: 13.69 min Scan# 3893
Delta R.T. -0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion:225 Resp: 86580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.7 | 32.2 | 96.6 |
| 227 | 62.7 | 32.5 | 97.4 |



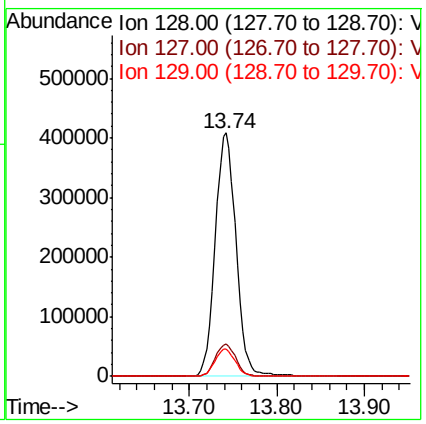


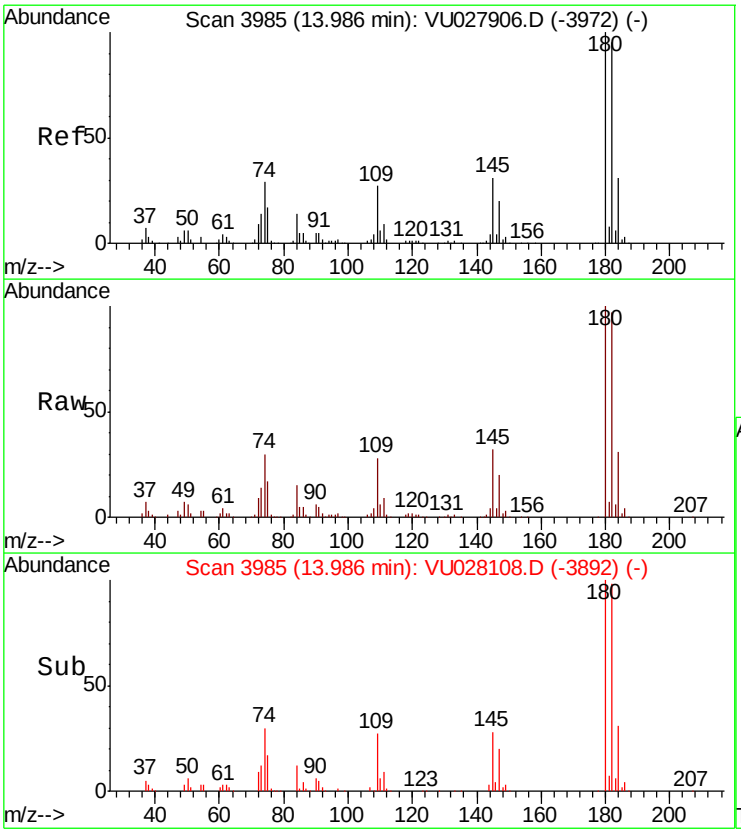

#95
Naphthalene
Concen: 50.363 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

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

Tgt Ion:128 Resp: 676361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.2 | 10.4 | 15.6 |
| 129 | 10.9 | 8.3 | 12.5 |




#96
1,2,3-Trichlorobenzene
Concen: 52.477 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU028108.D
Acq: 13 Nov 2018 21:43

Tgt Ion:180 Resp: 190254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.3 | 47.4 | 142.3 |
| 145 | 31.7 | 16.0 | 47.9 |