Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052319\
Data File : VW010532.D
Acq On : 23 May 2019 16:15
Operator : SY/VA
Sample : K3010-05MSD
Misc : 6.63G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** FESB-23(3-3.5)MSD

Quant Time: May 24 08:42:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.95 | 168 | 132368 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.84 | 114 | 228853 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.63 | 117 | 200602 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152 | 95363 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.30 | 65 | 63793 | 46.69 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 93.38% | | | |
| 35) Dibromofluoromethane | 7.88 | 113 | 66641 | 47.99 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 95.98% | | | |
| 50) Toluene-d8 | 10.32 | 98 | 260129 | 49.04 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 98.08% | | | |
| 62) 4-Bromofluorobenzene | 12.62 | 95 | 98416 | 46.58 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 93.16% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 2.00 | 85 | 46078 | 39.012 | ug/l | 98 |
| 3) Chloromethane | 2.21 | 50 | 49943 | 35.911 | ug/l | 99 |
| 4) Vinyl Chloride | 2.35 | 62 | 57525 | 35.709 | ug/l | 98 |
| 5) Bromomethane | 2.75 | 94 | 39130 | 35.308 | ug/l | 99 |
| 6) Chloroethane | 2.90 | 64 | 39019 | 37.731 | ug/l | 97 |
| 7) Trichlorofluoromethane | 3.25 | 101 | 99421 | 41.802 | ug/l | 93 |
| 8) Diethyl Ether | 3.68 | 74 | 29189 | 38.716 | ug/l | 100 |
| 9) 1,1,2-Trichlorotrifluoroet | 4.05 | 101 | 58986 | 40.272 | ug/l | 98 |
| 10) Methyl Iodide | 4.27 | 142 | 64585 | 38.579 | ug/l | 98 |
| 11) Tert butyl alcohol | 5.16 | 59 | 24740 | 201.311 | ug/l | 100 |
| 12) 1,1-Dichloroethene | 4.03 | 96 | 57651 | 41.234 | ug/l | 98 |
| 13) Acrolein | 3.89 | 56 | 20782 | 294.154 | ug/l | 98 |
| 14) Allyl chloride | 4.67 | 41 | 79454 | 39.259 | ug/l | 100 |
| 15) Acrylonitrile | 5.37 | 53 | 59429 | 188.221 | ug/l | 97 |
| 16) Acetone | 4.12 | 43 | 48182 | 172.767 | ug/l | 98 |
| 17) Carbon Disulfide | 4.37 | 76 | 166026 | 39.811 | ug/l | 100 |
| 18) Methyl Acetate | 4.67 | 43 | 51798 | 75.942 | ug/l | 100 |
| 19) Methyl tert-butyl Ether | 5.42 | 73 | 139145 | 39.038 | ug/l | 97 |
| 20) Methylene Chloride | 4.91 | 84 | 67661 | 40.372 | ug/l | 98 |
| 21) trans-1,2-Dichloroethene | 5.42 | 96 | 65827 | 41.046 | ug/l | 98 |
| 22) Diisopropyl ether | 6.31 | 45 | 158539 | 38.204 | ug/l | 98 |
| 23) Vinyl Acetate | 6.26 | 43 | 298903 | 120.582 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 6.21 | 63 | 101622 | 41.036 | ug/l | 98 |
| 25) 2-Butanone | 7.17 | 43 | 71848 | 180.021 | ug/l | 99 |
| 26) 2,2-Dichloropropane | 7.16 | 77 | 92461 | 39.197 | ug/l | 100 |
| 27) cis-1,2-Dichloroethene | 7.16 | 96 | 71400 | 40.951 | ug/l | 99 |
| 28) Bromochloromethane | 7.51 | 49 | 42764 | 48.232 | ug/l | 95 |
| 29) Tetrahydrofuran | 7.53 | 42 | 49432 | 183.035 | ug/l | 97 |
| 30) Chloroform | 7.67 | 83 | 108944 | 40.786 | ug/l | 98 |
| 31) Cyclohexane | 7.95 | 56 | 97611 | 37.629 | ug/l | 97 |
| 32) 1,1,1-Trichloroethane | 7.87 | 97 | 106461 | 41.700 | ug/l | 98 |
| 36) 1,1-Dichloropropene | 8.08 | 75 | 87005 | 40.811 | ug/l | 100 |
| 37) Ethyl Acetate | 7.25 | 43 | 33327 | 36.761 | ug/l | 99 |
| 38) Carbon Tetrachloride | 8.07 | 117 | 95337 | 41.455 | ug/l | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW052319\
Data File : VW010532.D
Acq On : 23 May 2019 16:15
Operator : SY/VA
Sample : K3010-05MSD
Misc : 6.63G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** FESB-23(3-3.5)MSD

Quant Time: May 24 08:42:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 9.34 | 83 | 112255 | 39.302 | ug/l | | 96 |
| 40) Benzene | 8.32 | 78 | 242664 | 40.953 | ug/l | | 100 |
| 41) Methacrylonitrile | 7.48 | 41 | 18634 | 34.593 | ug/l | | 97 |
| 42) 1,2-Dichloroethane | 8.40 | 62 | 66443 | 39.233 | ug/l | | 99 |
| 43) Isopropyl Acetate | 8.43 | 43 | 66580 | 36.761 | ug/l | | 98 |
| 44) Trichloroethene | 9.09 | 130 | 72874 | 41.426 | ug/l | | 100 |
| 45) 1,2-Dichloropropane | 9.37 | 63 | 55886 | 39.712 | ug/l | | 99 |
| 46) Dibromomethane | 9.46 | 93 | 32313 | 39.262 | ug/l | | 99 |
| 47) Bromodichloromethane | 9.65 | 83 | 81873 | 39.587 | ug/l | | 99 |
| 48) Methyl methacrylate | 9.43 | 41 | 31286 | 37.759 | ug/l | | 96 |
| 49) 1,4-Dioxane | 9.45 | 88 | 10901 | 810.825 | ug/l | | 97 |
| 51) 4-Methyl-2-Pentanone | 10.21 | 43 | 171971 | 187.384 | ug/l | | 99 |
| 52) Toluene | 10.39 | 92 | 166822 | 41.922 | ug/l | | 99 |
| 53) t-1,3-Dichloropropene | 10.60 | 75 | 79715 | 38.057 | ug/l | | 99 |
| 54) cis-1,3-Dichloropropene | 10.07 | 75 | 93243 | 38.978 | ug/l | | 98 |
| 55) 1,1,2-Trichloroethane | 10.79 | 97 | 47877 | 40.454 | ug/l | | 96 |
| 56) Ethyl methacrylate | 10.65 | 69 | 58412 | 35.786 | ug/l | | 99 |
| 57) 1,3-Dichloropropane | 10.93 | 76 | 79098 | 39.900 | ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 9.93 | 63 | 148017 | 204.736 | ug/l | | 98 |
| 59) 2-Hexanone | 10.97 | 43 | 119004 | 181.776 | ug/l | | 100 |
| 60) Dibromochloromethane | 11.13 | 129 | 58907 | 39.328 | ug/l | | 100 |
| 61) 1,2-Dibromoethane | 11.24 | 107 | 47395 | 39.533 | ug/l | | 98 |
| 64) Tetrachloroethene | 10.86 | 164 | 56467 | 40.380 | ug/l | | 98 |
| 65) Chlorobenzene | 11.66 | 112 | 175793 | 41.118 | ug/l | | 98 |
| 66) 1,1,1,2-Tetrachloroethane | 11.73 | 131 | 62396 | 40.742 | ug/l | | 98 |
| 67) Ethyl Benzene | 11.73 | 91 | 311103 | 41.216 | ug/l | | 99 |
| 68) m/p-Xylenes | 11.84 | 106 | 245138 | 82.799 | ug/l | | 99 |
| 69) o-Xylene | 12.16 | 106 | 116546 | 41.549 | ug/l | | 97 |
| 70) Styrene | 12.18 | 104 | 192051 | 40.352 | ug/l | | 100 |
| 71) Bromoform | 12.35 | 173 | 32246 | 38.234 | ug/l | # | 99 |
| 73) Isopropylbenzene | 12.46 | 105 | 311991 | 41.229 | ug/l | | 100 |
| 74) N-amyl acetate | 12.27 | 43 | 52597 | 30.331 | ug/l | | 98 |
| 75) 1,1,2,2-Tetrachloroethane | 12.72 | 83 | 54547 | 39.630 | ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 12.77 | 75 | 68638 | 70.907 | ug/l | # | 1 |
| 77) Bromobenzene | 12.75 | 156 | 71141 | 42.010 | ug/l | | 98 |
| 78) n-propylbenzene | 12.80 | 91 | 353198 | 40.050 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 12.90 | 91 | 205340 | 40.151 | ug/l | | 98 |
| 80) 1,3,5-Trimethylbenzene | 12.94 | 105 | 260110 | 40.584 | ug/l | | 100 |
| 81) trans-1,4-Dichloro-2-buten | 12.51 | 75 | 16949 | 36.543 | ug/l | | 97 |
| 82) 4-Chlorotoluene | 12.99 | 91 | 213287 | 40.179 | ug/l | | 99 |
| 83) tert-Butylbenzene | 13.21 | 119 | 223792 | 39.974 | ug/l | | 99 |
| 84) 1,2,4-Trimethylbenzene | 13.26 | 105 | 253939 | 39.782 | ug/l | | 99 |
| 85) sec-Butylbenzene | 13.38 | 105 | 309361 | 39.487 | ug/l | | 99 |
| 86) p-Isopropyltoluene | 13.50 | 119 | 277336 | 39.109 | ug/l | | 99 |
| 87) 1,3-Dichlorobenzene | 13.50 | 146 | 133653 | 40.228 | ug/l | | 99 |
| 88) 1,4-Dichlorobenzene | 13.58 | 146 | 134036 | 40.209 | ug/l | | 99 |
| 89) n-Butylbenzene | 13.82 | 91 | 255479 | 37.876 | ug/l | | 100 |
| 90) Hexachloroethane | 14.10 | 117 | 53336 | 38.858 | ug/l | | 100 |
| 91) 1,2-Dichlorobenzene | 13.87 | 146 | 122971 | 40.621 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75 | 9688 | 37.854 | ug/l | | 97 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052319\
Data File : VW010532.D
Acq On : 23 May 2019 16:15
Operator : SY/VA
Sample : K3010-05MSD
Misc : 6.63G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** FESB-23(3-3.5)MSD

Quant Time: May 24 08:42:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 15.13 | 180 | 74412 | 36.127 | ug/l | 99 |
| 94) Hexachlorobutadiene | 15.24 | 225 | 40011 | 36.362 | ug/l | 100 |
| 95) Naphthalene | 15.37 | 128 | 156178 | 36.122 | ug/l | 99 |
| 96) 1,2,3-Trichlorobenzene | 15.56 | 180 | 63322 | 35.728 | ug/l | 99 |

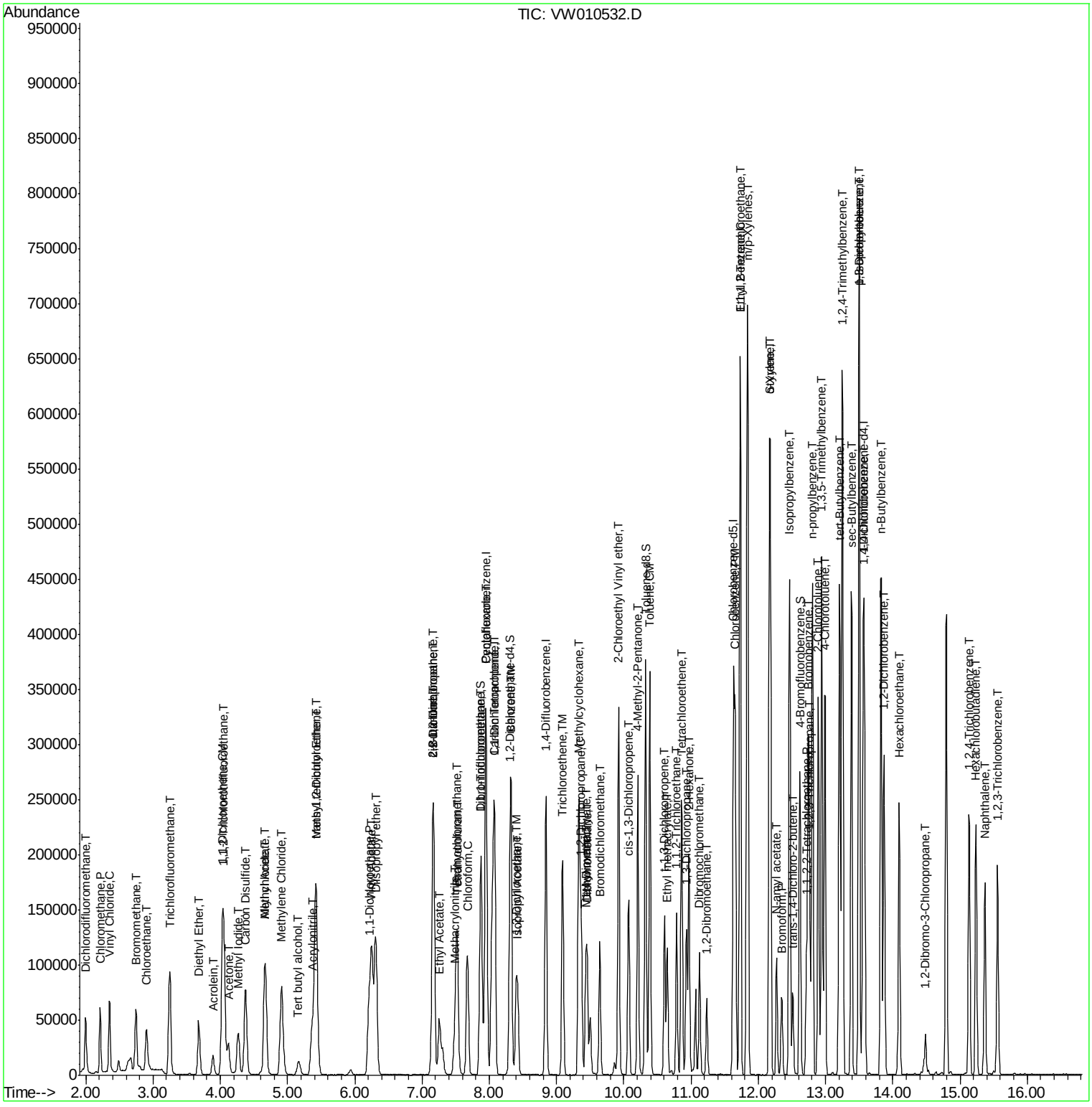
(#) = qualifier out of range (m) = manual integration (+) = signals summed

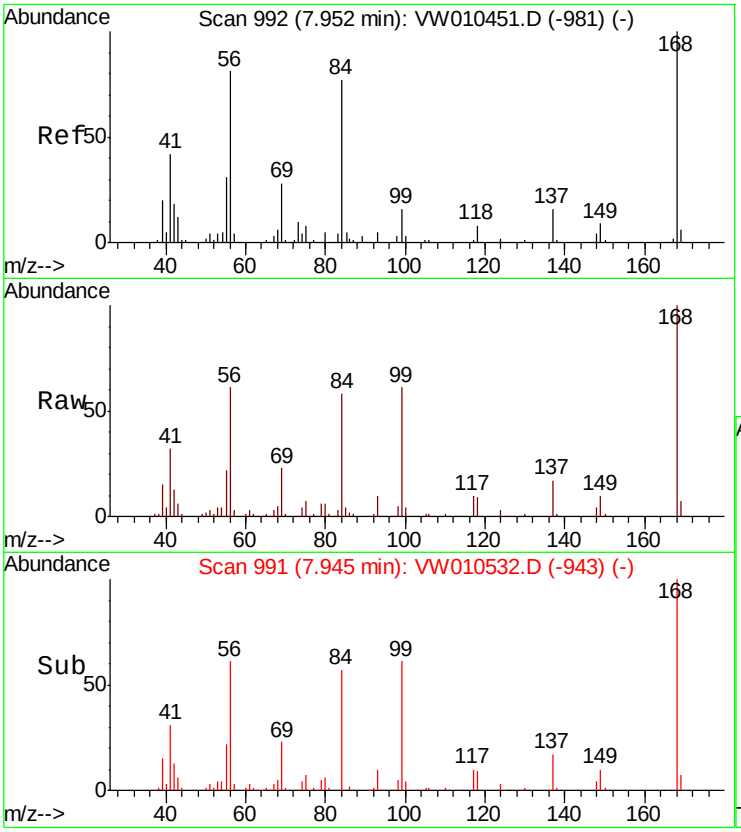
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW052319\
Data File : VW010532.D
Acq On : 23 May 2019 16:15
Operator : SY/VA
Sample : K3010-05MSD
Misc : 6.63G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Quant Time: May 24 08:42:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration



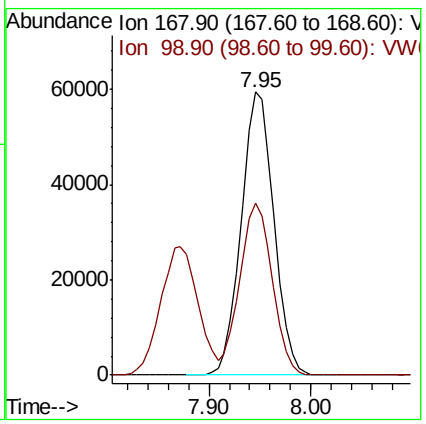


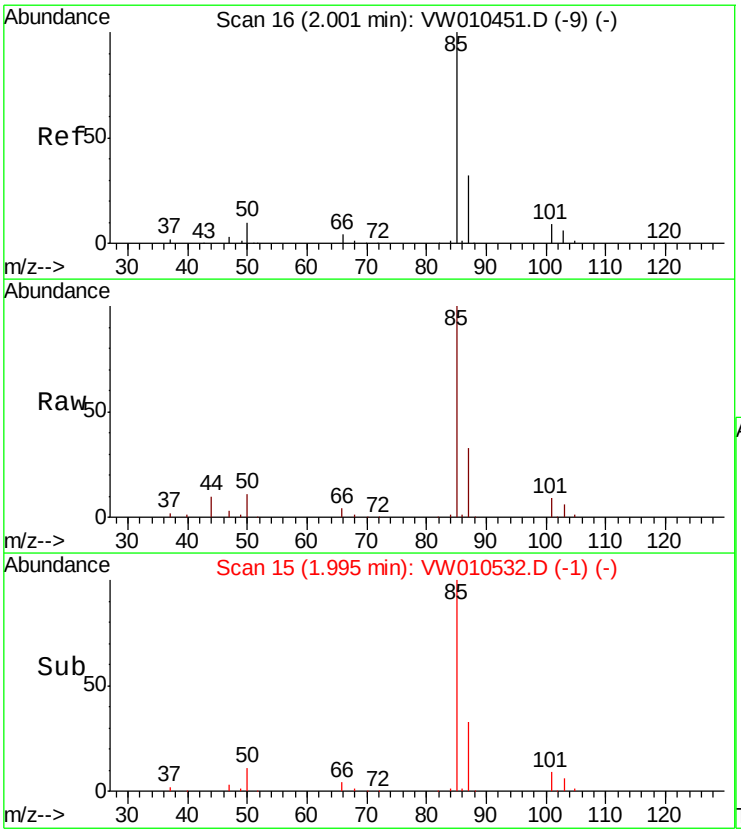

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion:168 Resp: 132368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 60.9 | 46.1 | 69.1 |

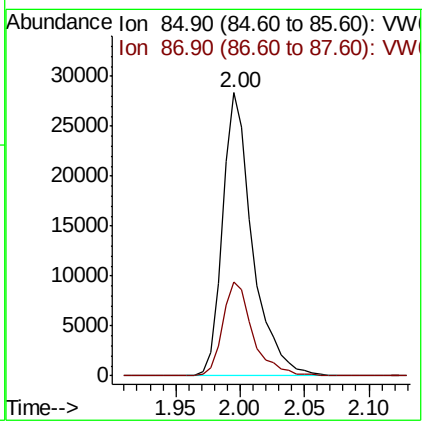


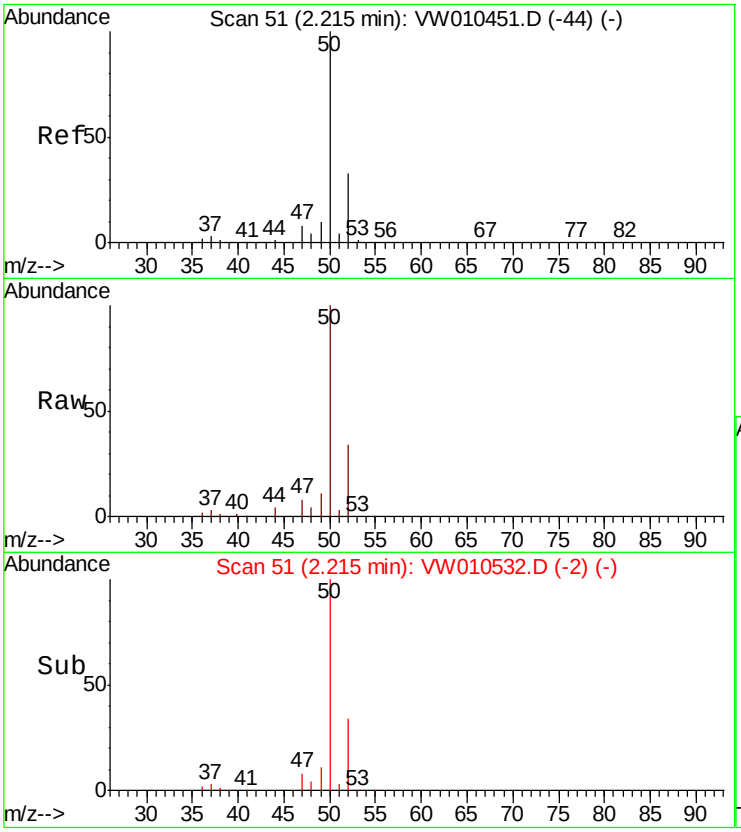




#2
Dichlorodifluoromethane
Concen: 39.012 ug/l
RT: 2.00 min Scan# 15
Delta R.T. -0.01 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion: 85 Resp: 46078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 33.4 | 16.3 | 48.8 |



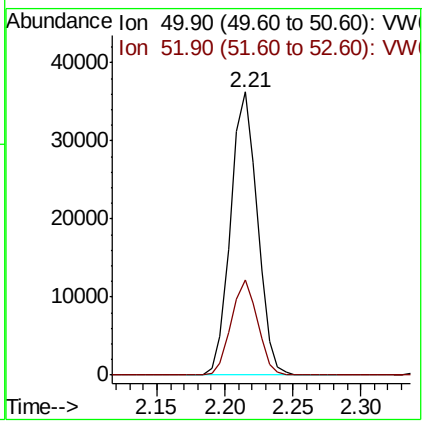


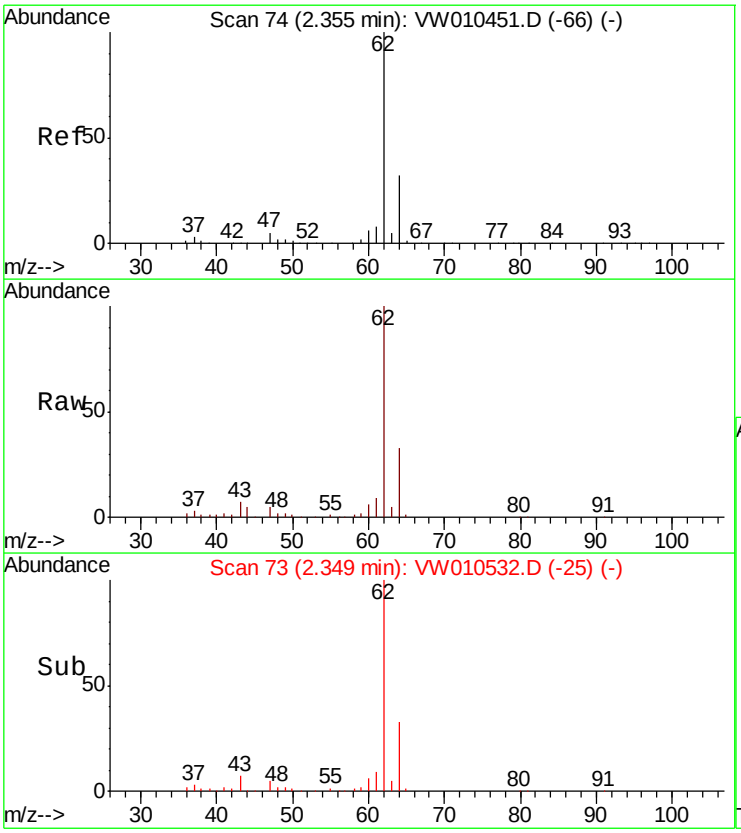

#3
Chloromethane
Concen: 35.911 ug/l
RT: 2.21 min Scan# 51
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion: 50 Resp: 49943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 33.6 | 26.3 | 39.5 |

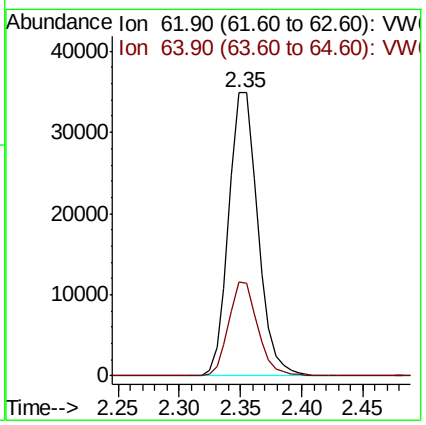


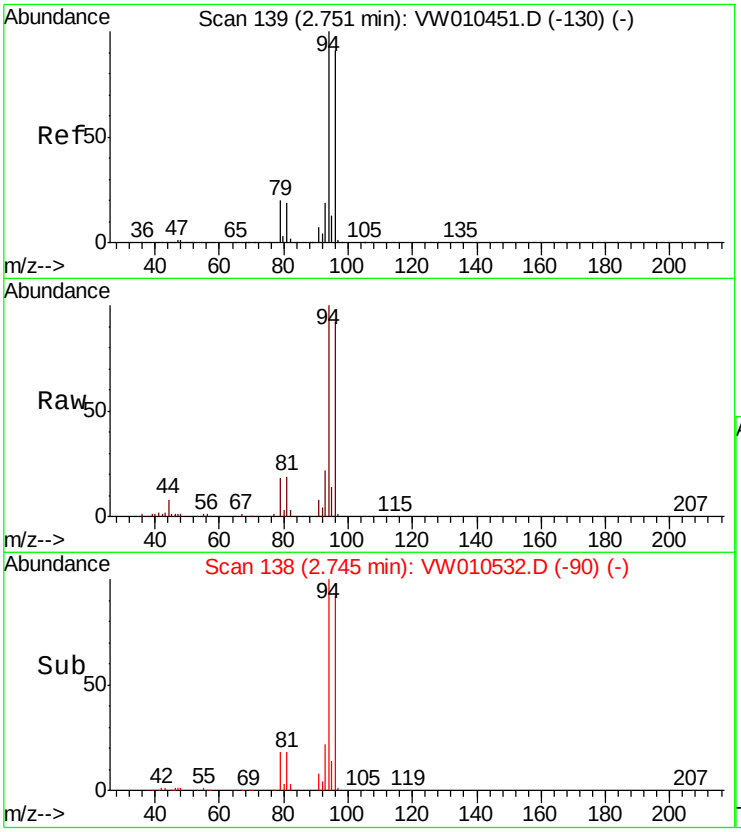




#4
Vinyl Chloride
Concen: 35.709 ug/l
RT: 2.35 min Scan# 73
Delta R.T. -0.01 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion: 62 Resp: 57525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 33.3 | 25.8 | 38.8 |



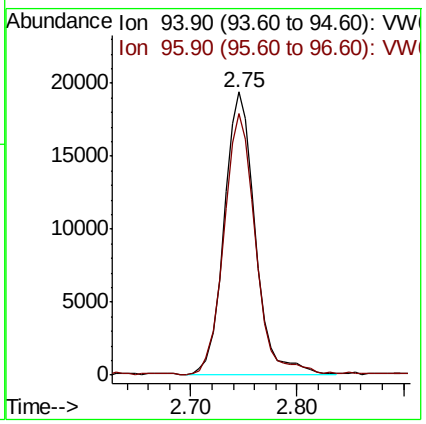


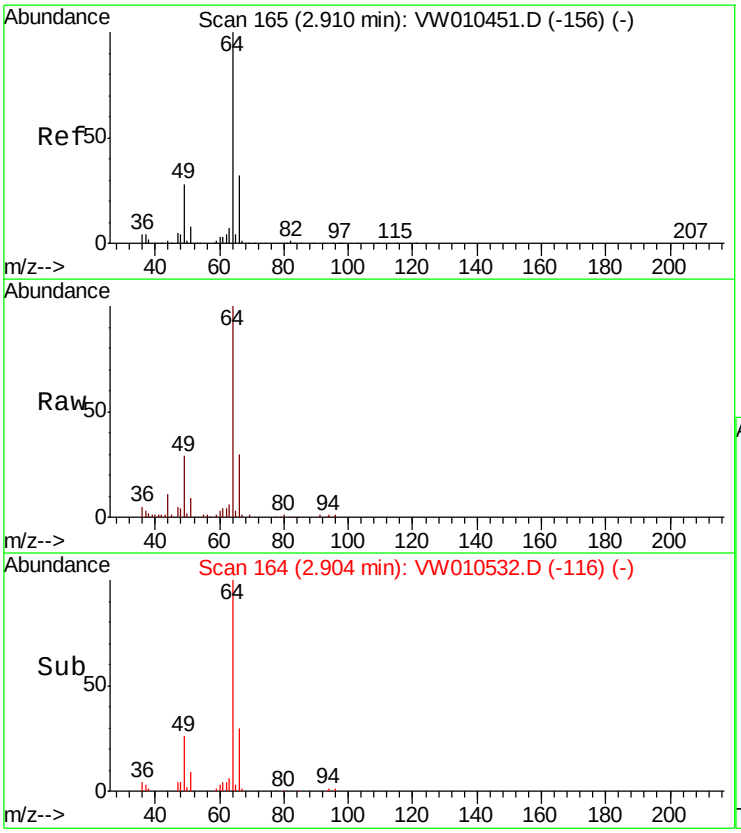

#5
Bromomethane
Concen: 35.308 ug/l
RT: 2.75 min Scan# 138
Delta R.T. -0.01 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion: 94 Resp: 39130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 92.3 | 72.9 | 109.3 |

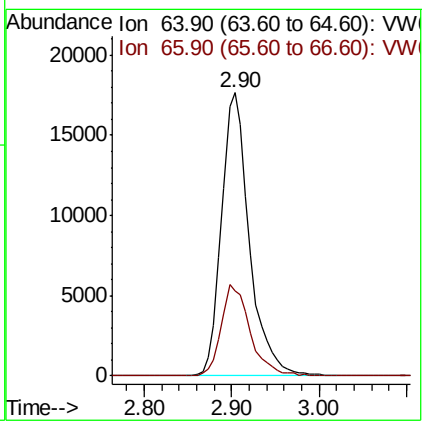


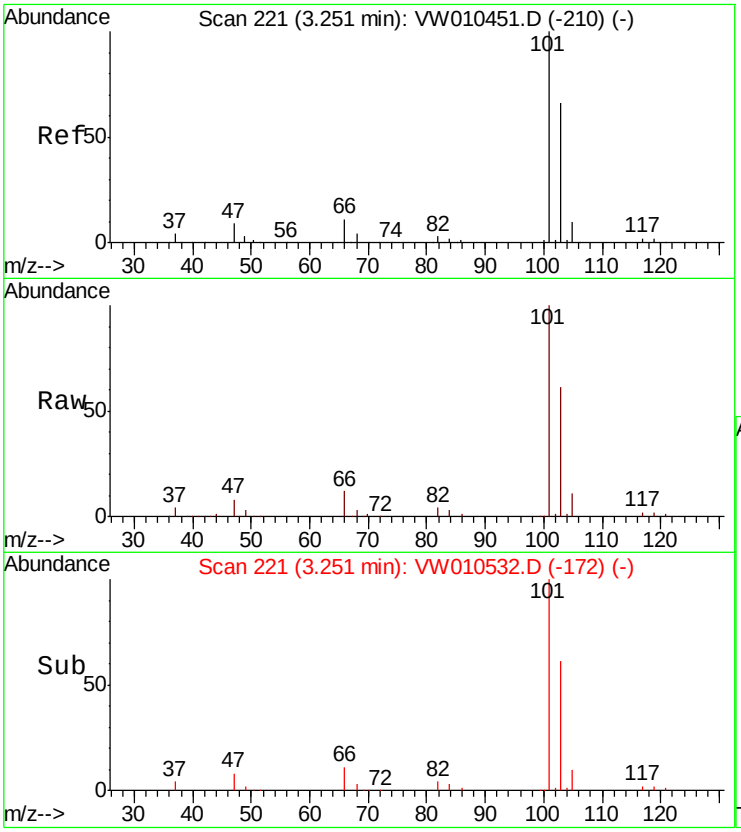




#6
Chloroethane
Concen: 37.731 ug/l
RT: 2.90 min Scan# 164
Delta R.T. -0.01 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion: 64 Resp: 39019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 30.1 | 25.5 | 38.3 |



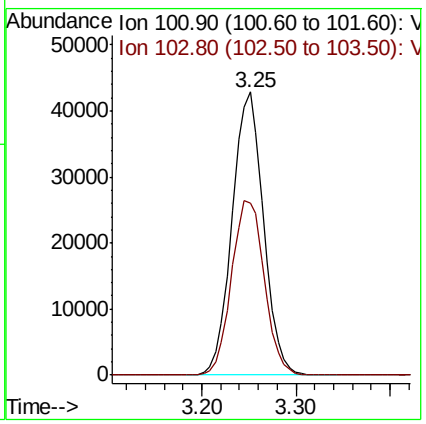


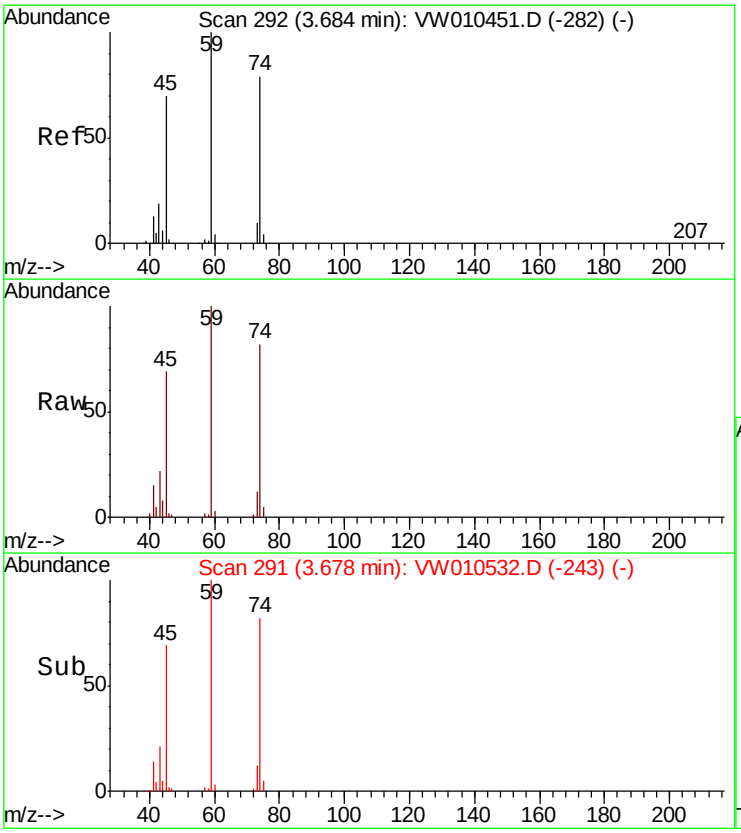

#7
Trichlorofluoromethane
Concen: 41.802 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion:101 Resp: 99421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 60.9 | 53.0 | 79.4 |

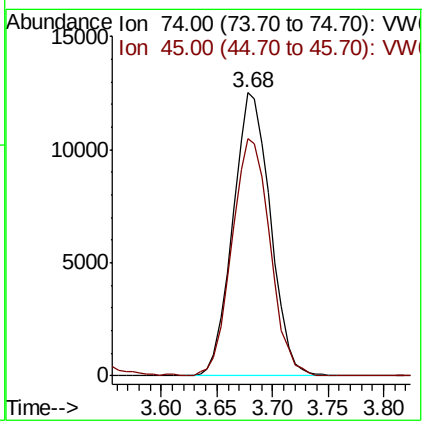


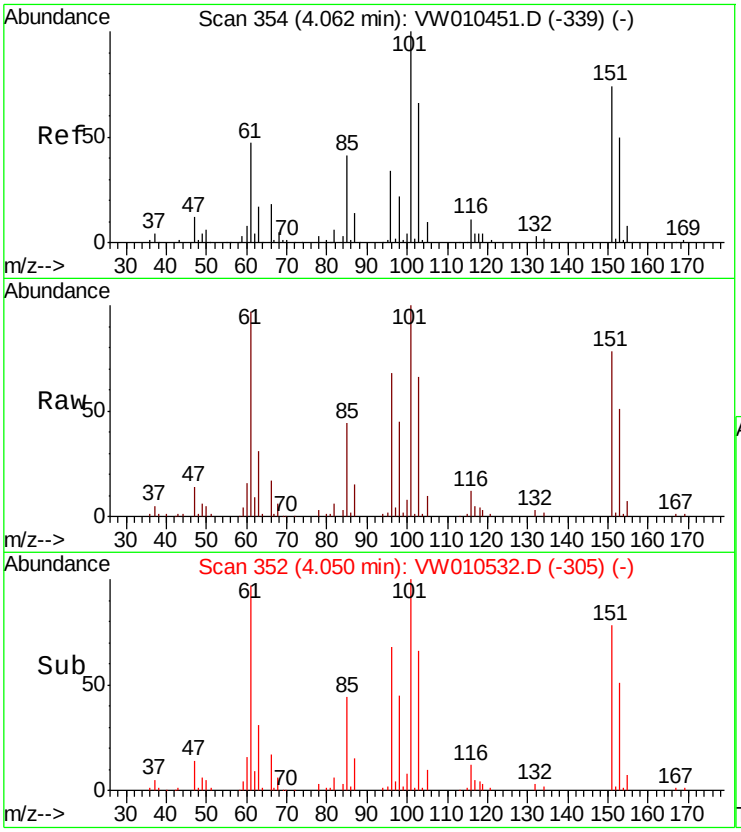




#8
Diethyl Ether
Concen: 38.716 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion: 74 Resp: 29189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 85.3 | 42.9 | 128.5 |



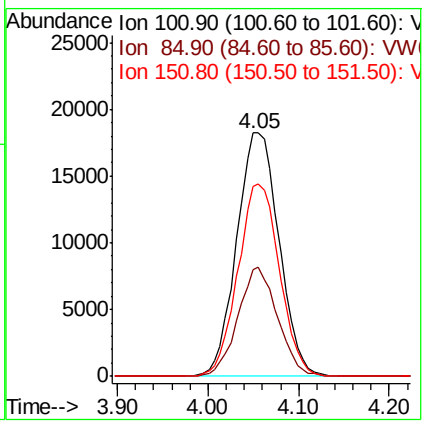


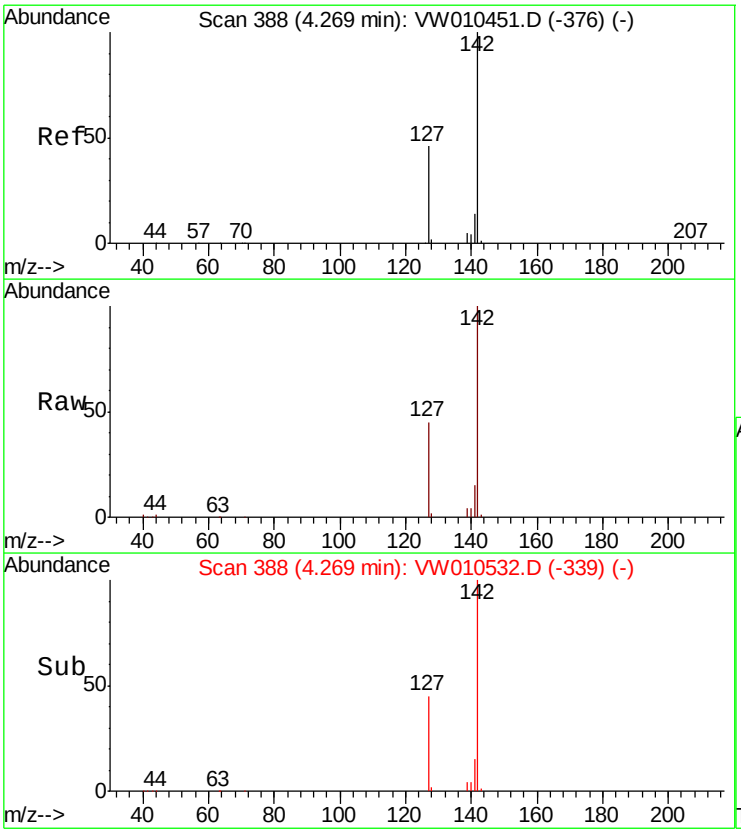

#9
1,1,2-Trichlorotrifluoroethane
Concen: 40.272 ug/l
RT: 4.05 min Scan# 352
Delta R.T. -0.01 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion:101 Resp: 58986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 41.7 | 34.3 | 51.5 |
| 151 | 77.5 | 60.3 | 90.5 |

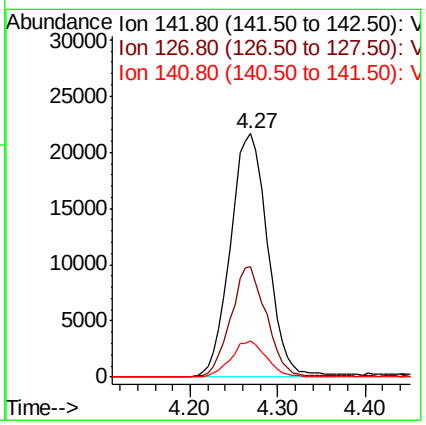


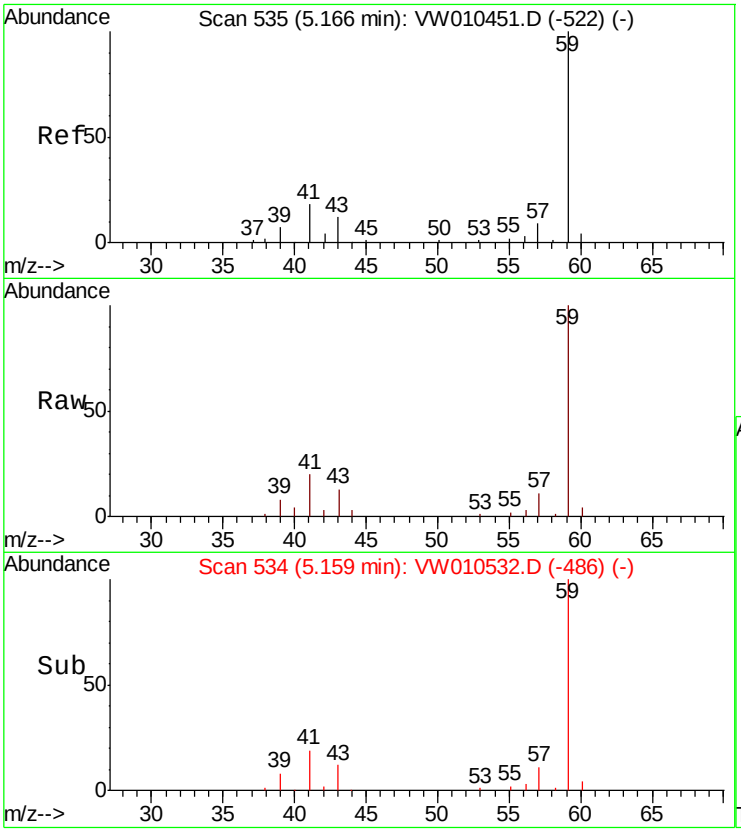




#10
Methyl Iodide
Concen: 38.579 ug/l
RT: 4.27 min Scan# 388
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion:142 Resp: 64585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 43.3 | 36.1 | 54.1 |
| 141 | 13.9 | 11.3 | 16.9 |



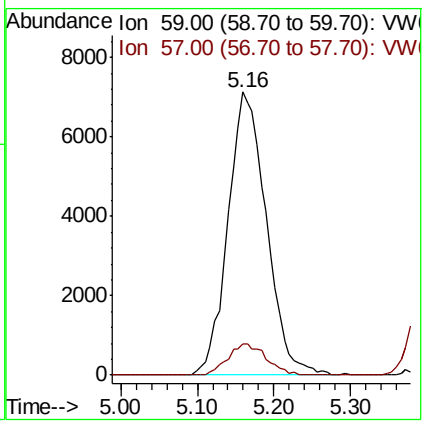


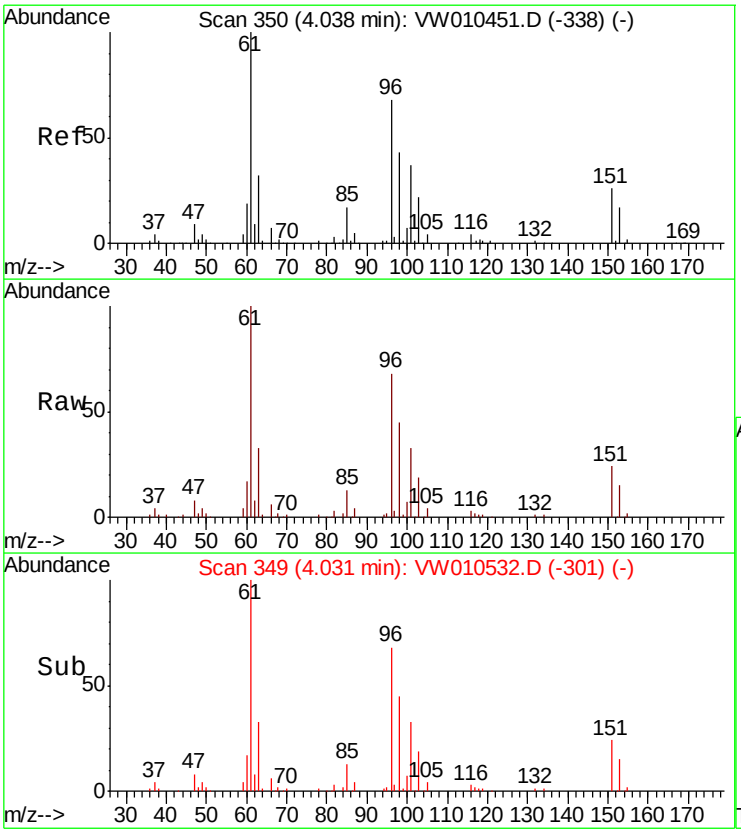

#11
Tert butyl alcohol
Concen: 201.311 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion: 59 Resp: 24740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 11.0 | 8.8 | 13.2 |

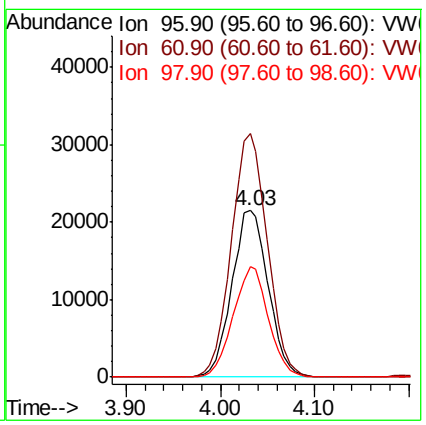


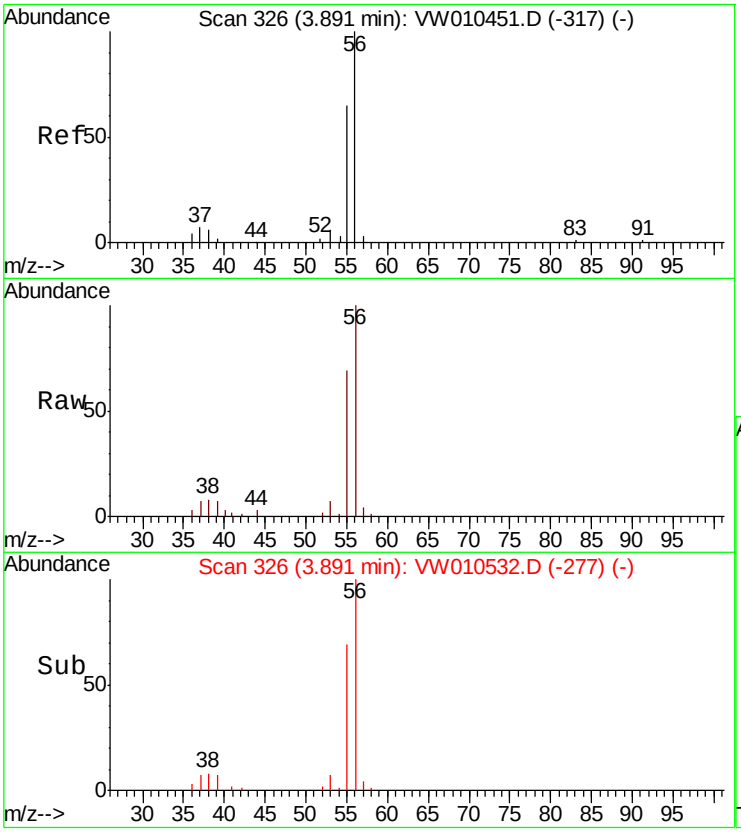




#12
1,1-Dichloroethene
Concen: 41.234 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion: 96 Resp: 57651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 146.1 | 118.3 | 177.5 |
| 98 | 66.3 | 51.0 | 76.6 |



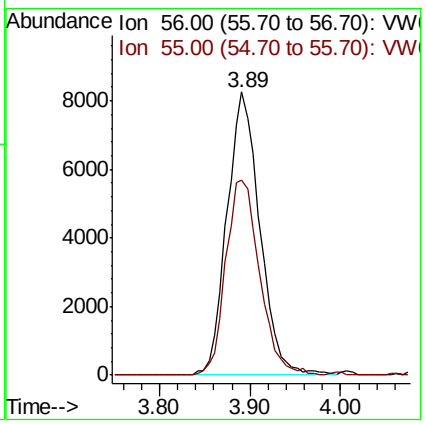


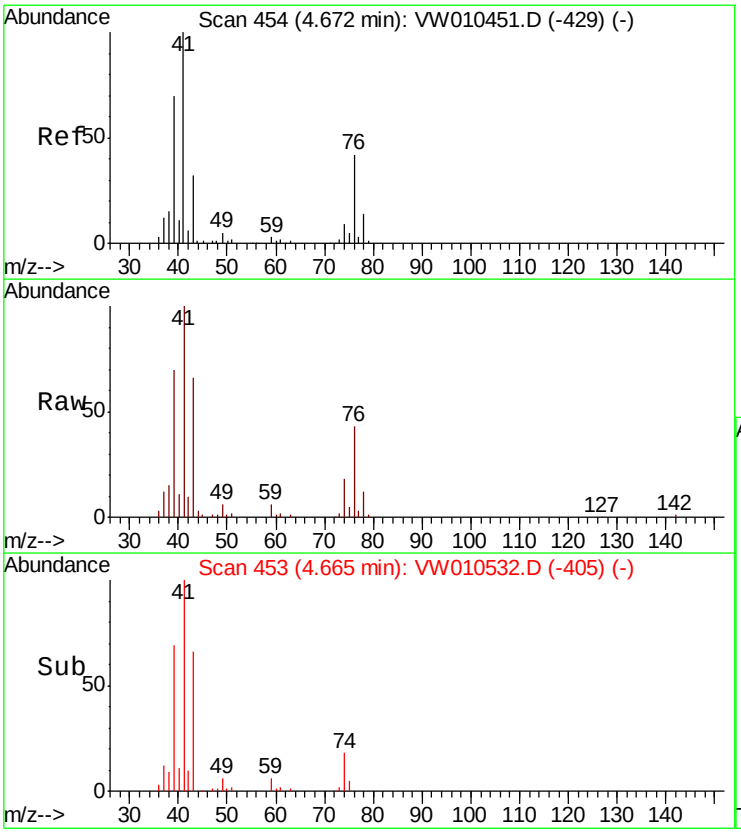

#13
Acrolein
Concen: 294.154 ug/l
RT: 3.89 min Scan# 326
Delta R.T. 0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion: 56 Resp: 20782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 71.1 | 57.9 | 86.9 |

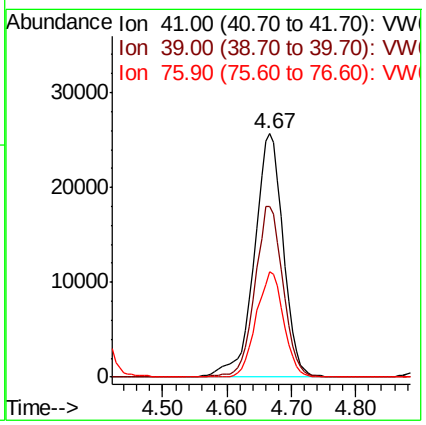


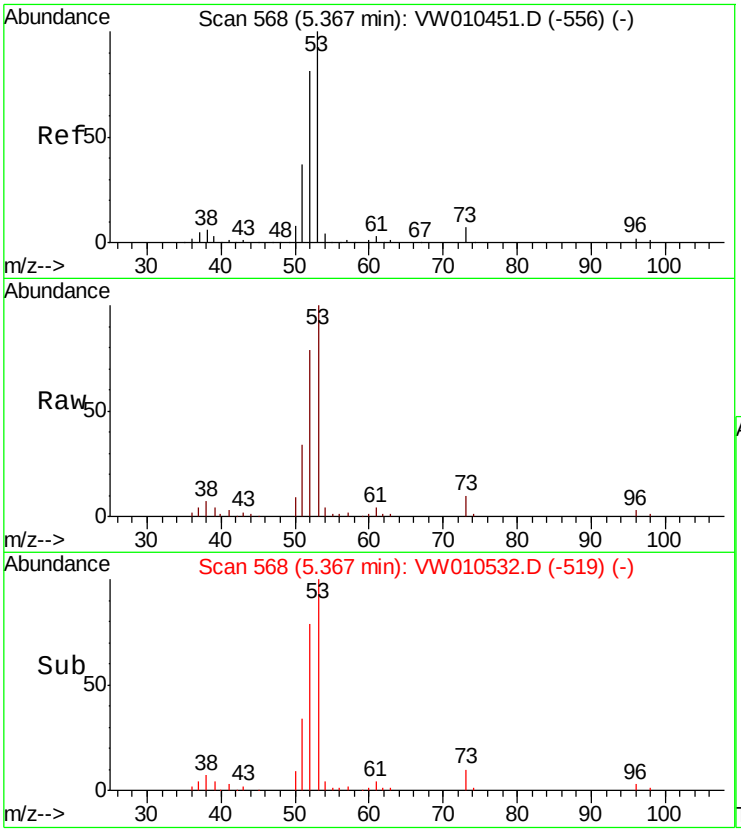




#14
Allyl chloride
Concen: 39.259 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion: 41 Resp: 79454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 68.2 | 55.0 | 82.4 |
| 76 | 40.9 | 32.8 | 49.2 |



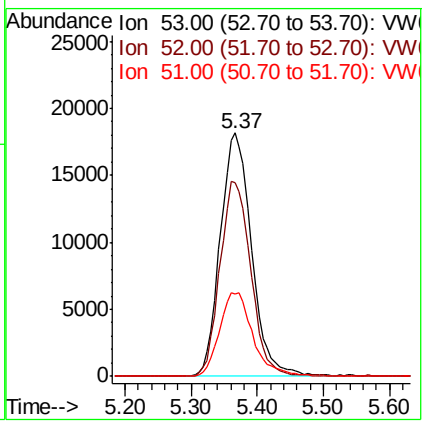


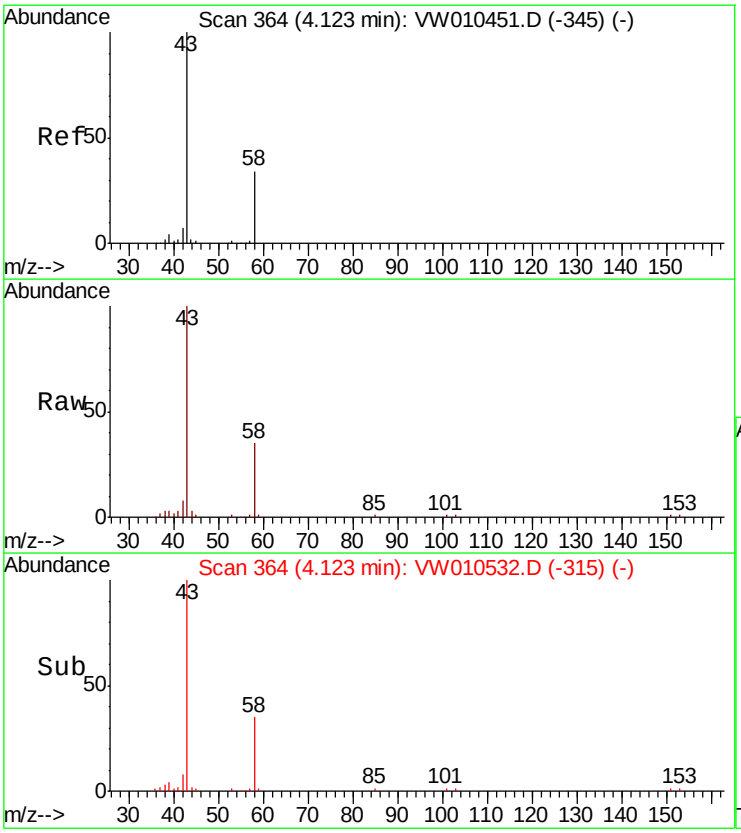

#15
Acrylonitrile
Concen: 188.221 ug/l
RT: 5.37 min Scan# 568
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion: 53 Resp: 59429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 78.6 | 65.6 | 98.4 |
| 51 | 36.7 | 29.5 | 44.3 |

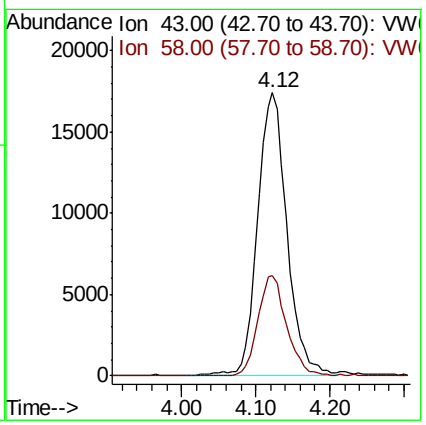


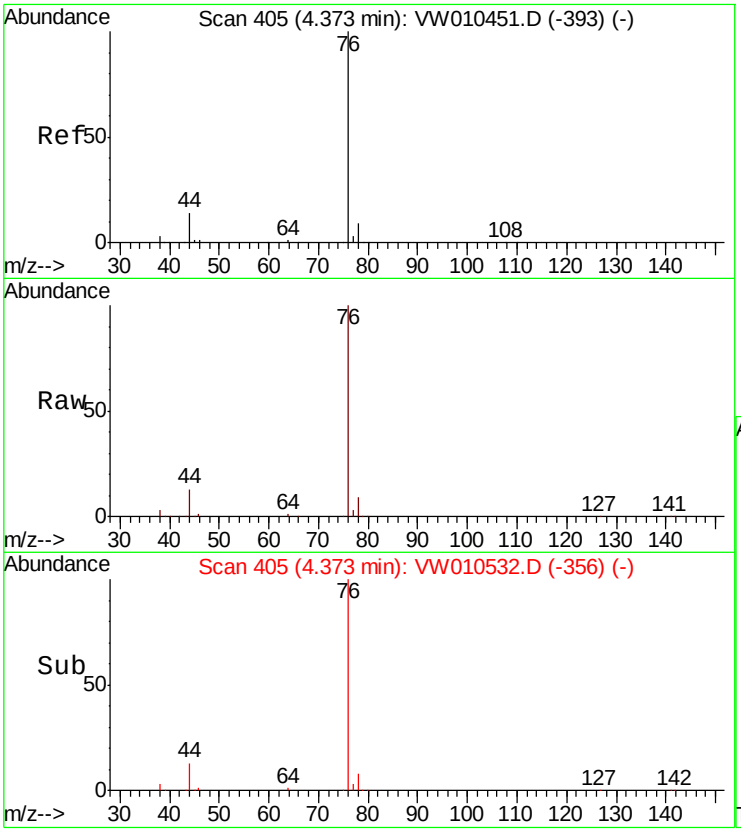




#16
Acetone
Concen: 172.767 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion: 43 Resp: 48182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 34.9 | 27.0 | 40.4 |



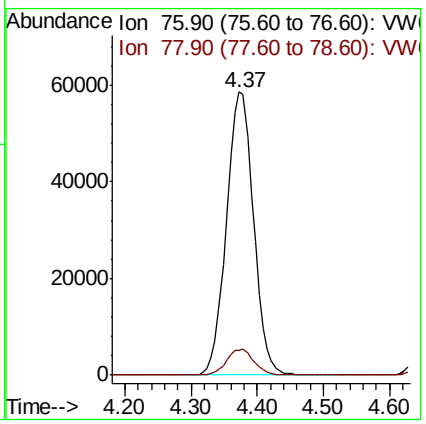


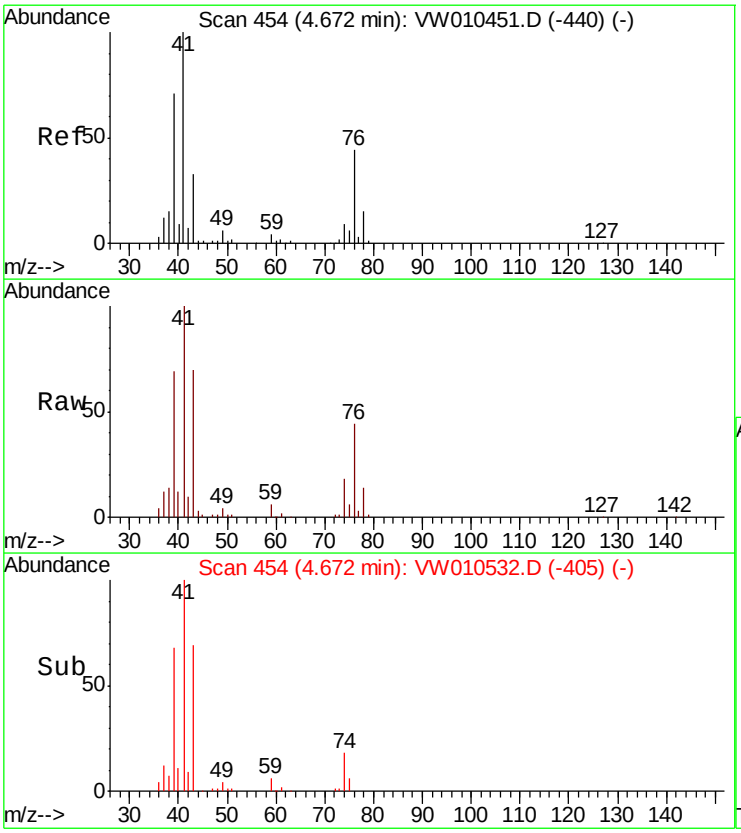

#17
Carbon Disulfide
Concen: 39.811 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion: 76 Resp: 166026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.8 | 7.1 | 10.7 |

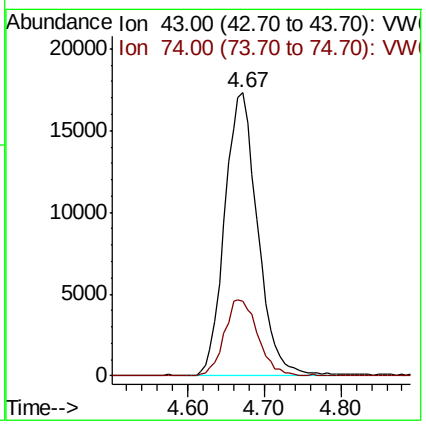


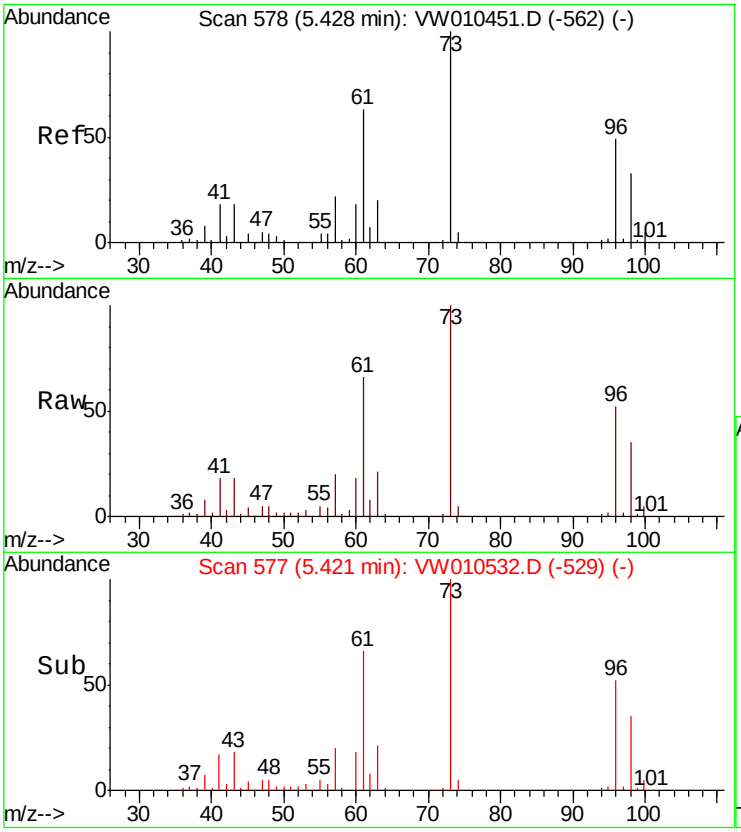




#18
Methyl Acetate
Concen: 75.942 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion: 43 Resp: 51798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 27.0 | 21.6 | 32.4 |



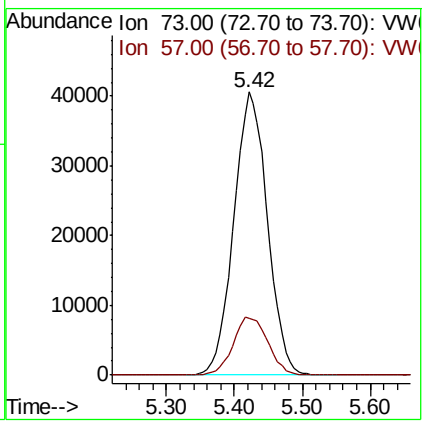


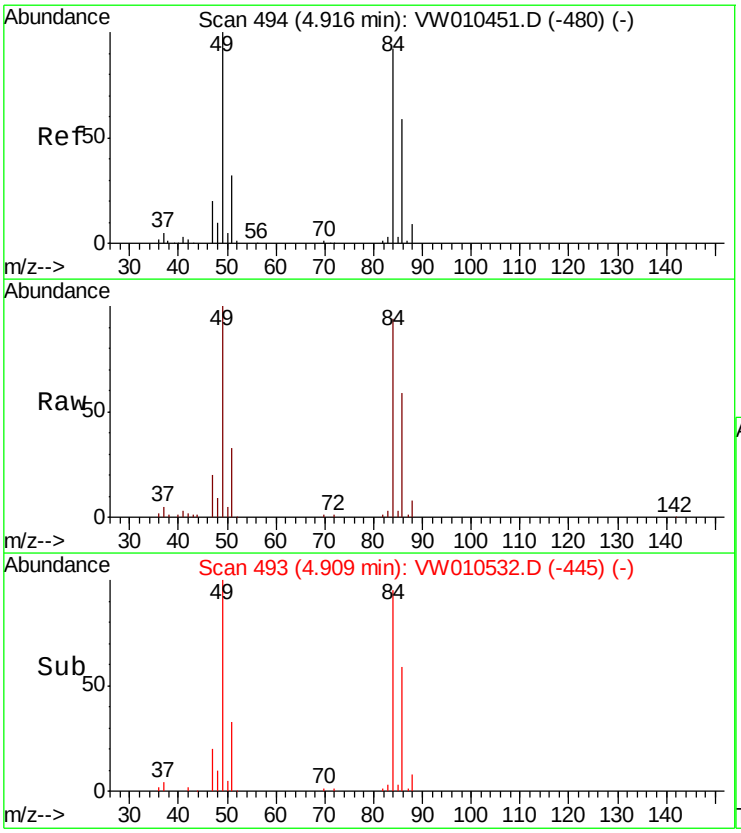

#19
Methyl tert-butyl Ether
Concen: 39.038 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion: 73 Resp: 139145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 20.2 | 17.4 | 26.0 |

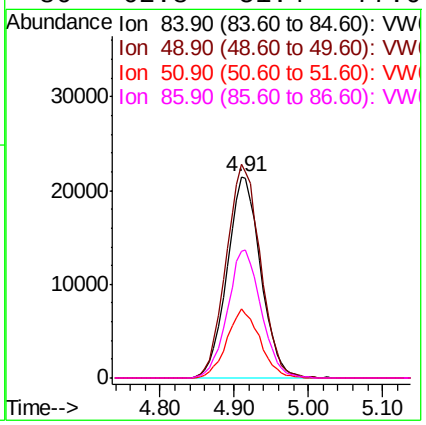


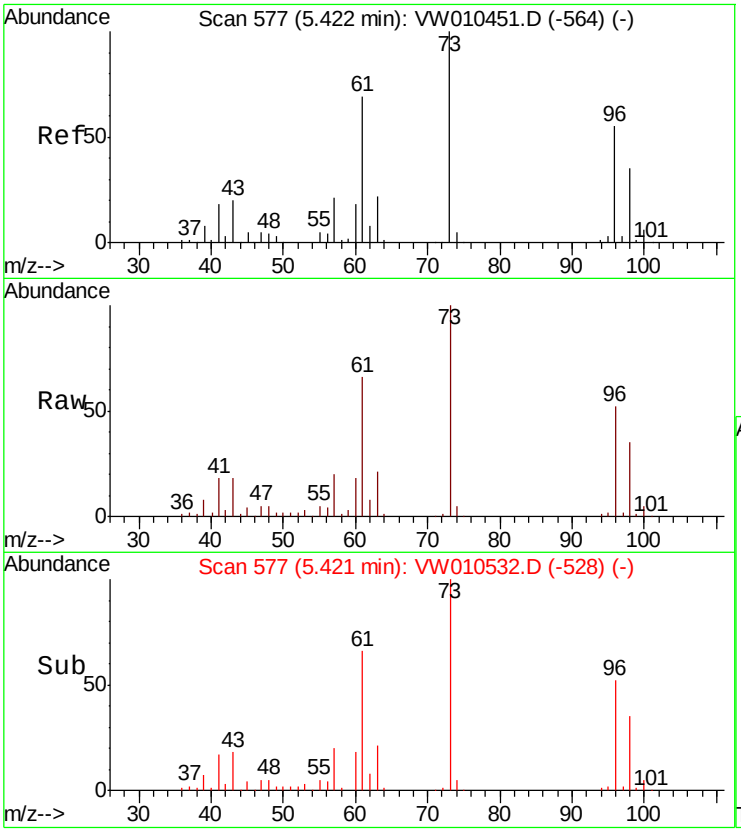




#20
Methylene Chloride
Concen: 40.372 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion: 84 Resp: 67661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 106.1 | 87.2 | 130.8 |
| 51 | 34.5 | 27.7 | 41.5 |
| 86 | 62.8 | 51.4 | 77.0 |



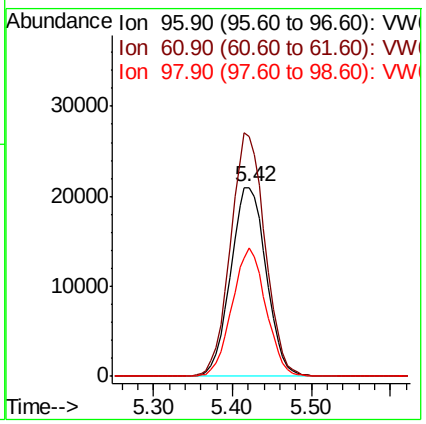


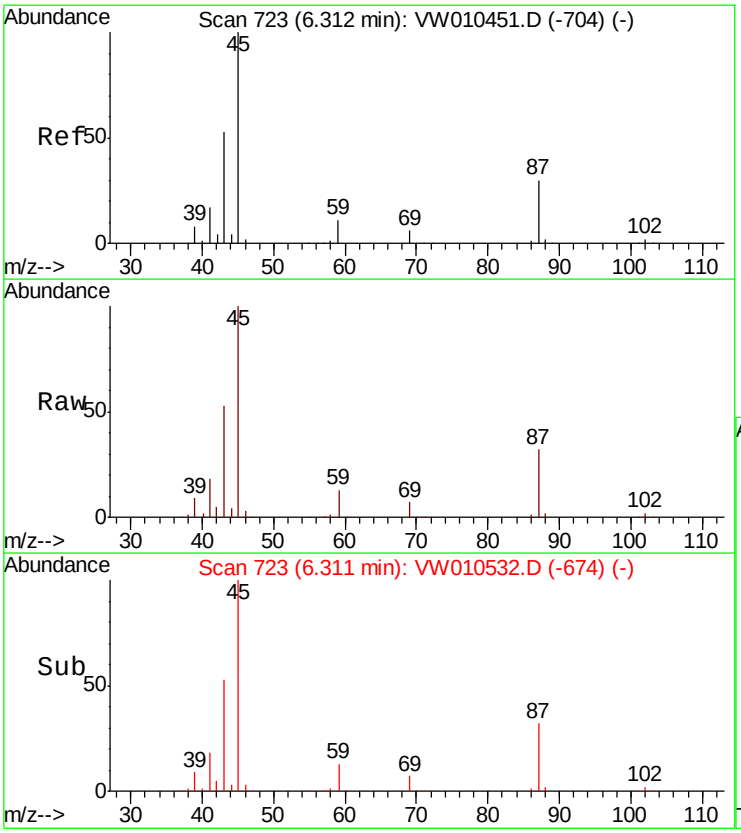

#21
trans-1,2-Dichloroethene
Concen: 41.046 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion: 96 Resp: 65827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 126.8 | 101.4 | 152.0 |
| 98 | 68.0 | 50.6 | 76.0 |

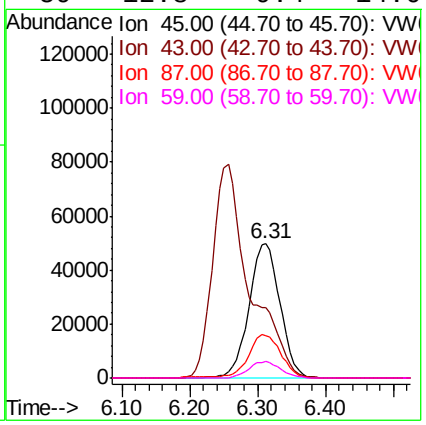


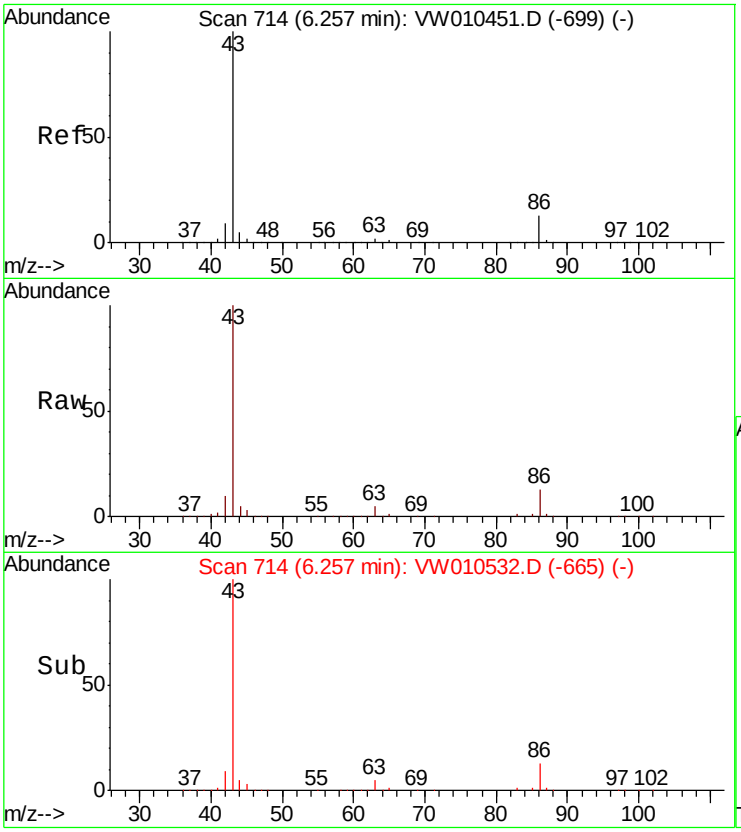




#22
Diisopropyl ether
Concen: 38.204 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion: 45 Resp: 158539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 52.4 | 42.9 | 64.3 |
| 87 | 31.9 | 24.6 | 36.8 |
| 59 | 12.8 | 9.4 | 14.0 |



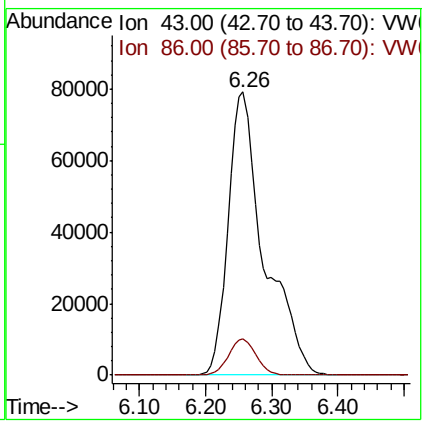


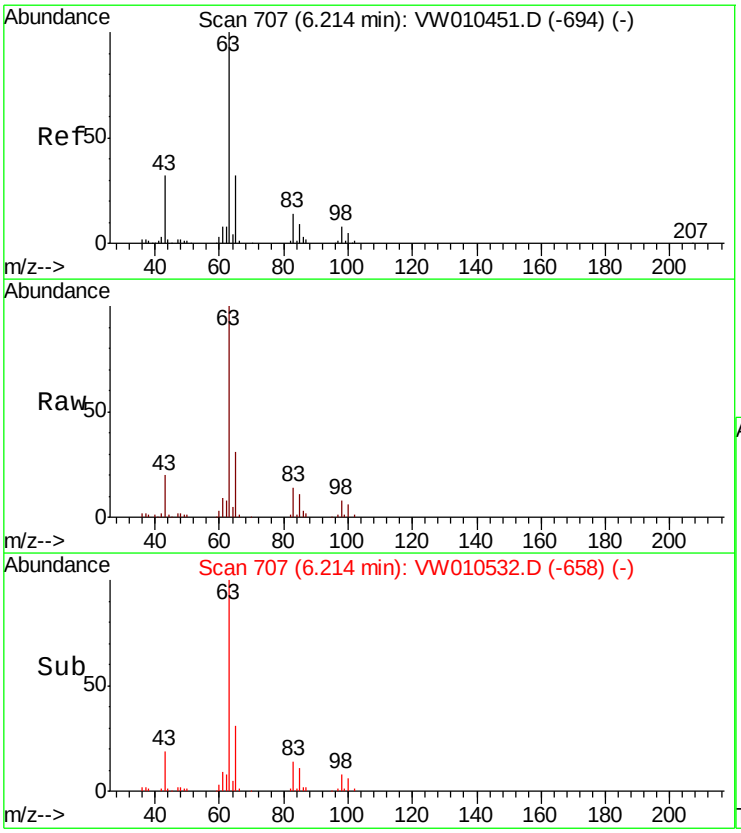

#23
Vinyl Acetate
Concen: 120.582 ug/l
RT: 6.26 min Scan# 714
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion: 43 Resp: 298903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 12.8 | 10.3 | 15.5 |

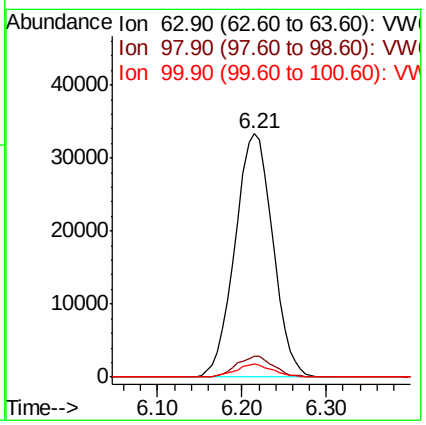


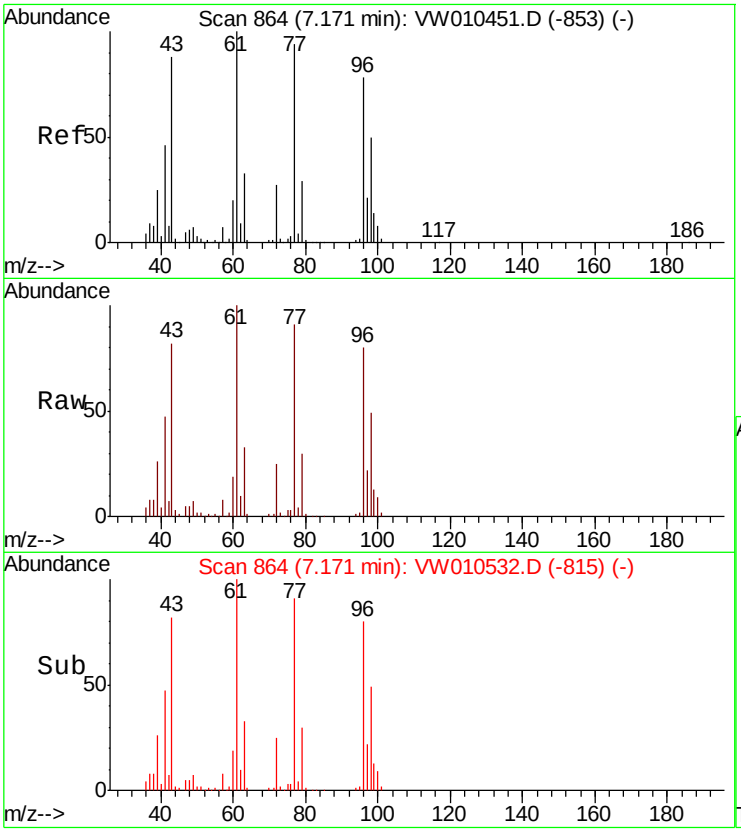




#24
1,1-Dichloroethane
Concen: 41.036 ug/l
RT: 6.21 min Scan# 707
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion: 63 Resp: 101622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 8.4 | 3.8 | 11.2 |
| 100 | 5.7 | 2.5 | 7.4 |



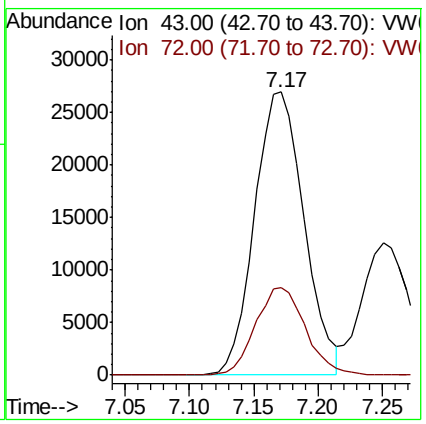


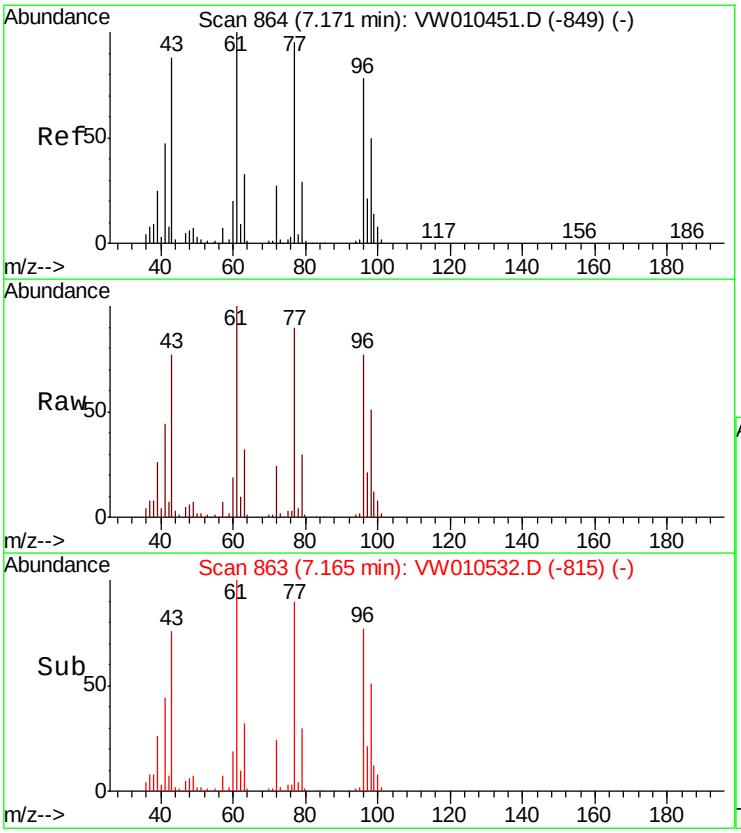

#25
2-Butanone
Concen: 180.021 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion: 43 Resp: 71848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 30.9 | 24.1 | 36.1 |

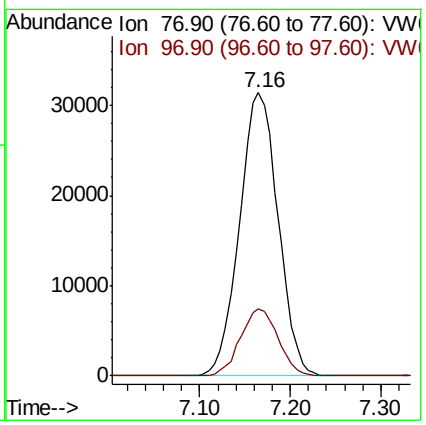


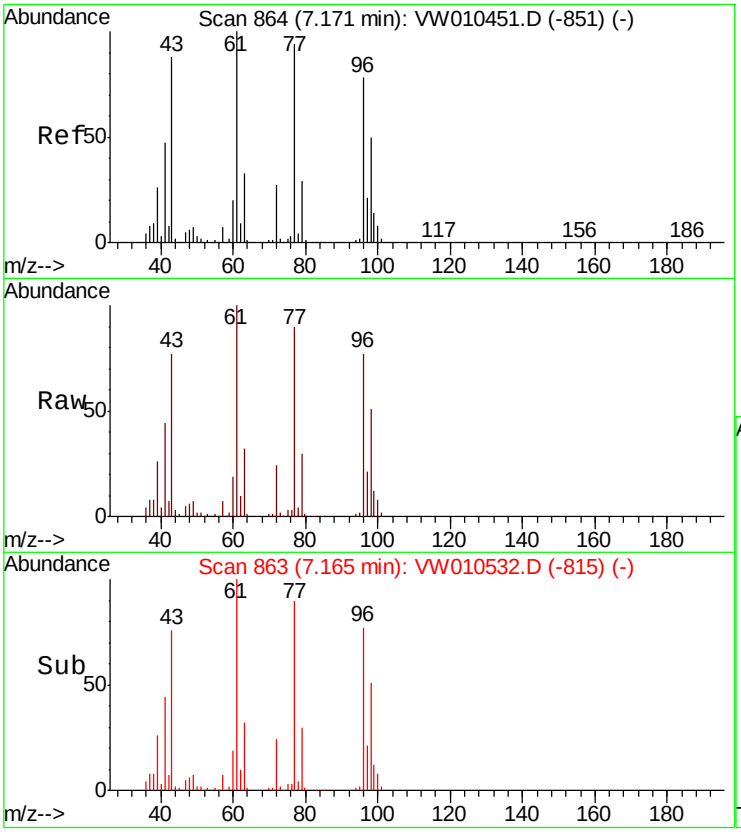




#26
2,2-Dichloropropane
Concen: 39.197 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion: 77 Resp: 92461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 23.2 | 11.7 | 35.0 |



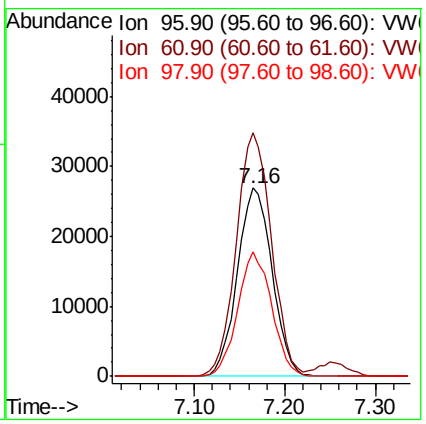


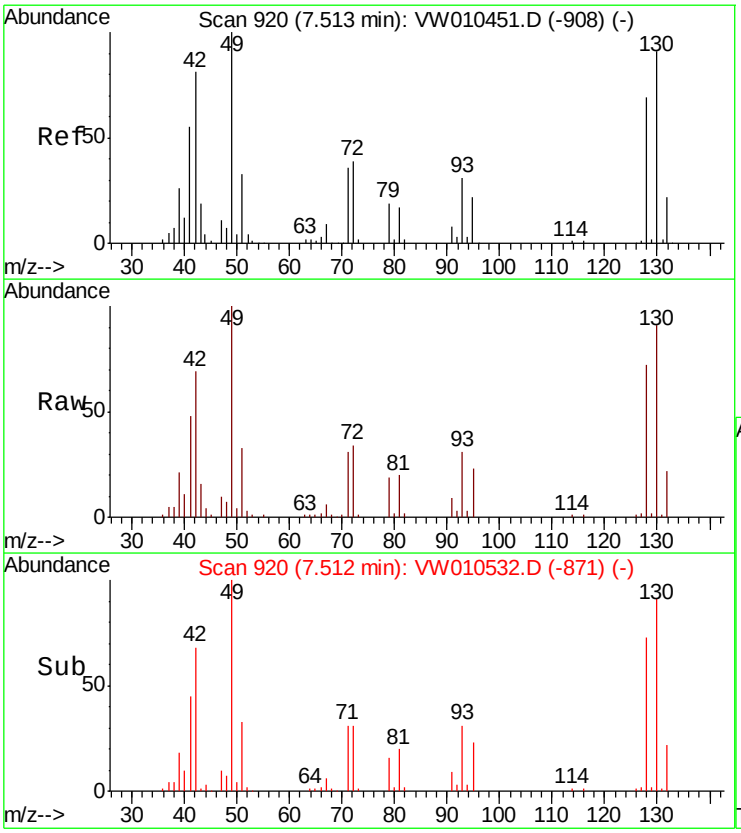

#27
cis-1,2-Dichloroethene
Concen: 40.951 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion: 96 Resp: 71400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 131.0 | 0.0 | 265.4 |
| 98 | 64.6 | 0.0 | 129.4 |

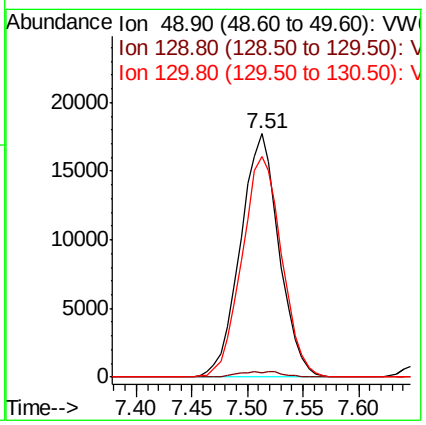


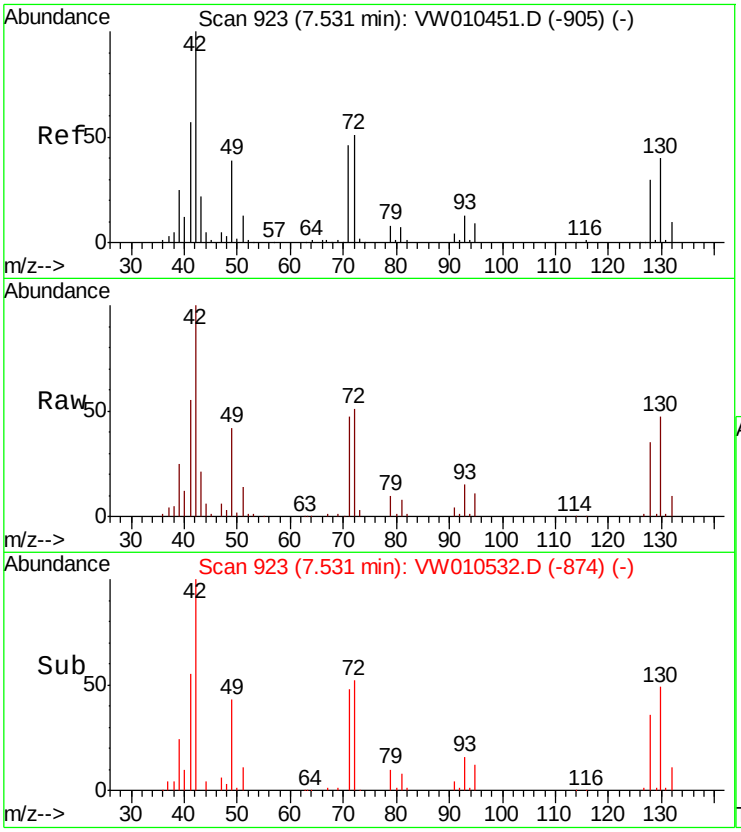




#28
Bromochloromethane
Concen: 48.232 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion: 49 Resp: 42764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.5 | 0.0 | 4.8 |
| 130 | 93.7 | 71.2 | 106.8 |



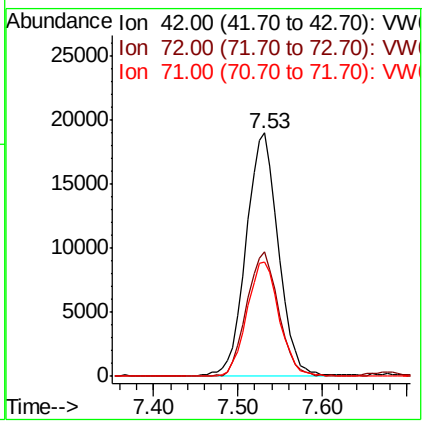


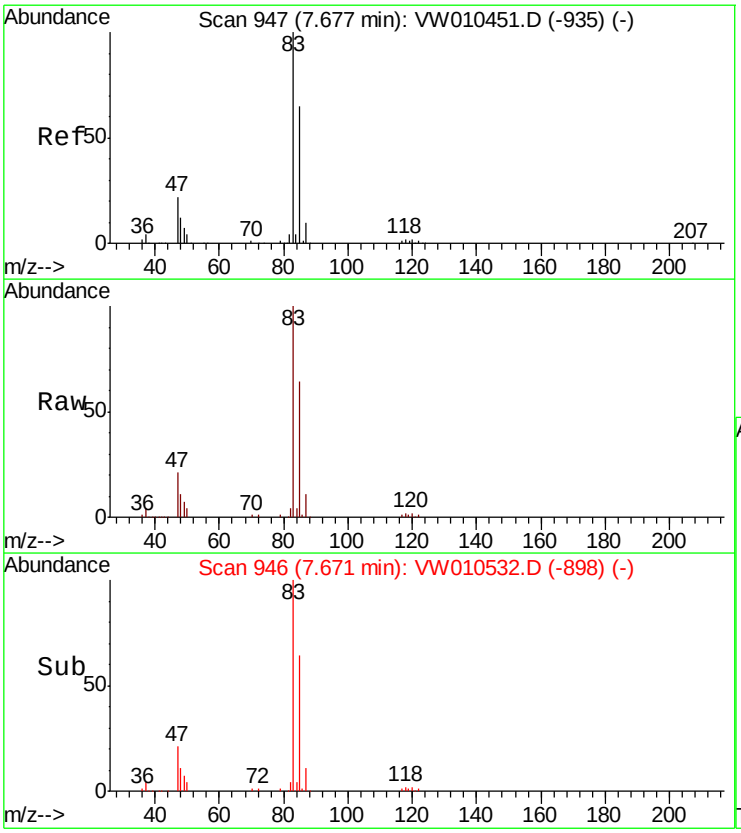

#29
Tetrahydrofuran
Concen: 183.035 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion: 42 Resp: 49432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 50.6 | 38.5 | 57.7 |
| 71 | 46.8 | 36.5 | 54.7 |

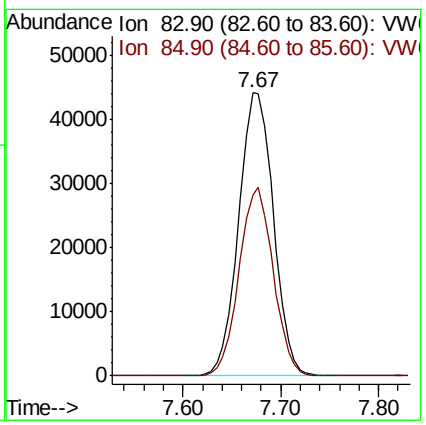


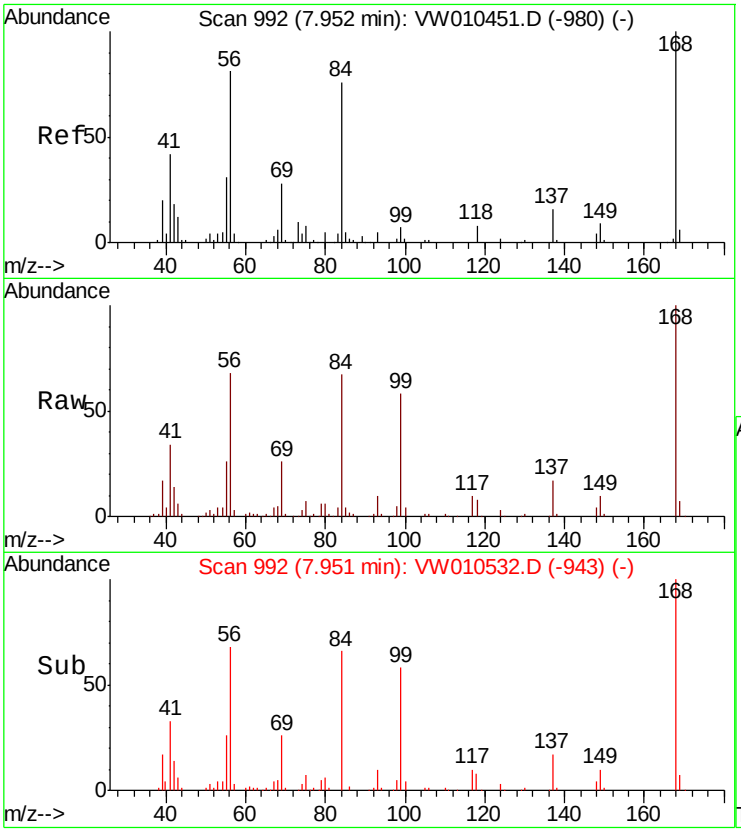




#30
Chloroform
Concen: 40.786 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion: 83 Resp: 108944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.0 | 52.2 | 78.4 |



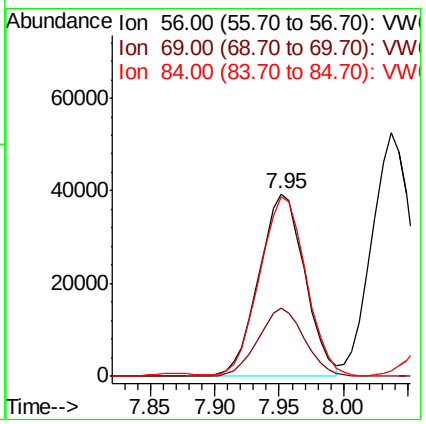


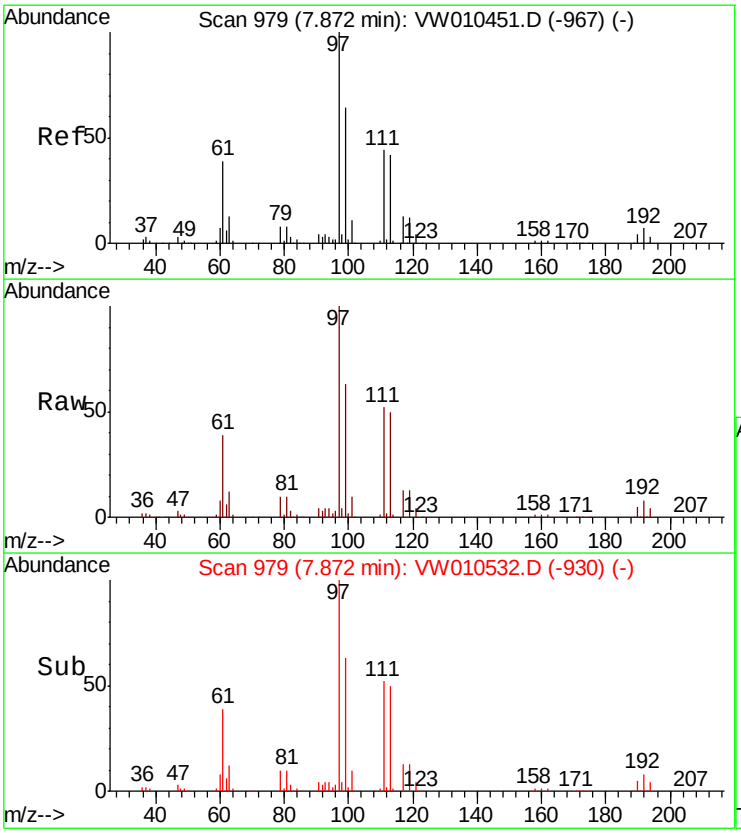

#31
Cyclohexane
Concen: 37.629 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion: 56 Resp: 97611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 37.6 | 28.2 | 42.2 |
| 84 | 96.7 | 75.8 | 113.8 |

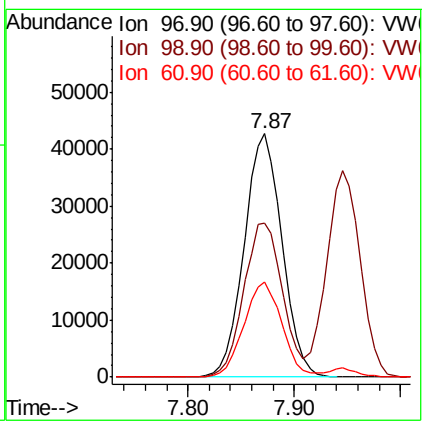


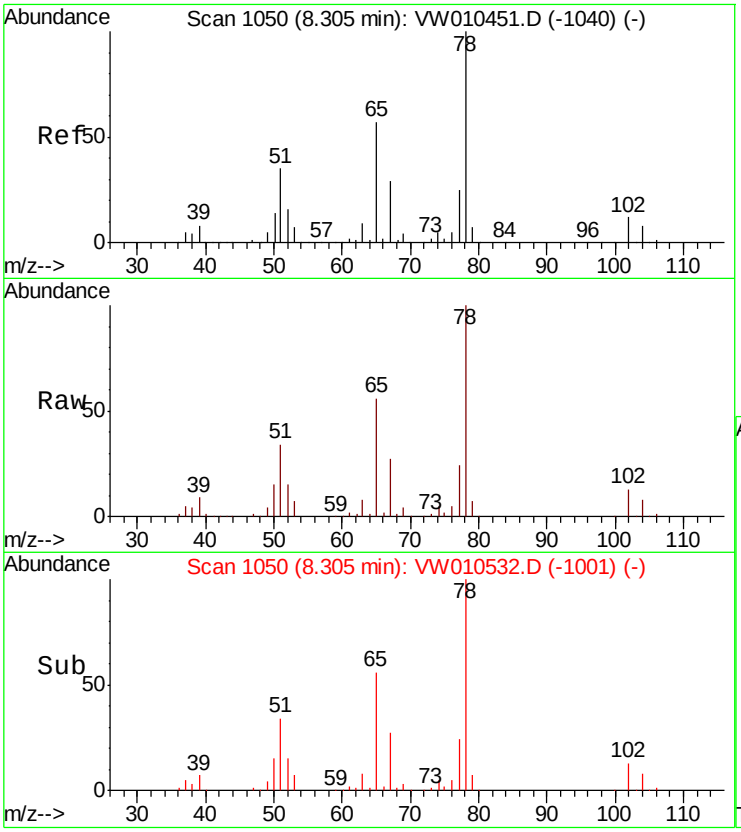




#32
1,1,1-Trichloroethane
Concen: 41.700 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion: 97 Resp: 106461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 64.9 | 50.8 | 76.2 |
| 61 | 39.4 | 32.1 | 48.1 |



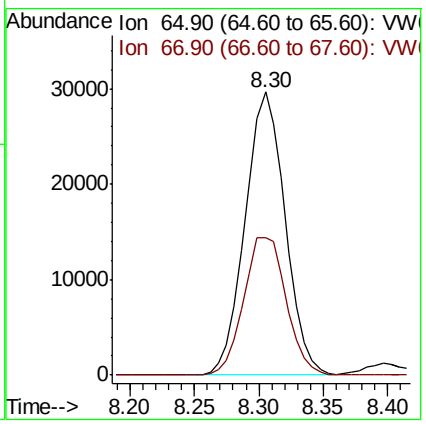


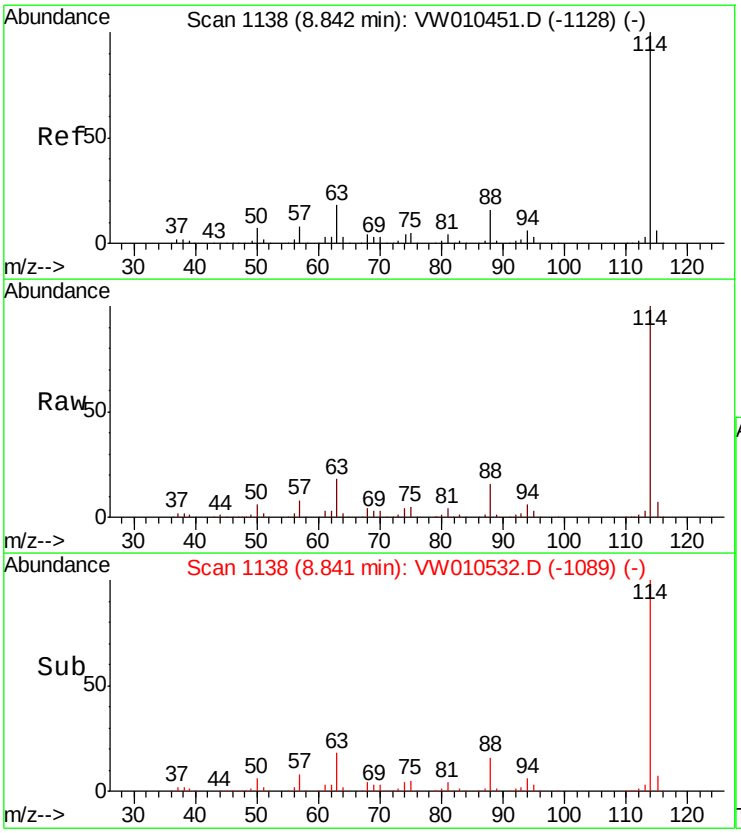

#33
1,2-Dichloroethane-d4
Concen: 46.692 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion: 65 Resp: 63793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.7 | 0.0 | 103.6 |

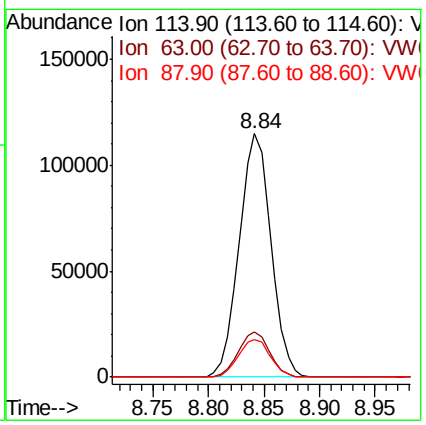


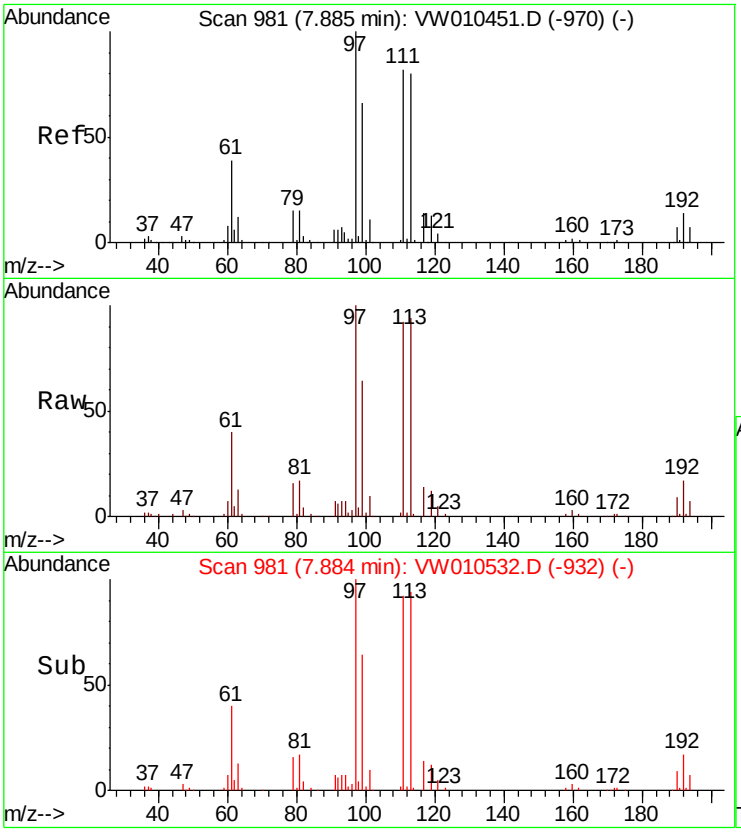




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion:114 Resp: 228853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.4 | 0.0 | 36.0 |
| 88 | 15.5 | 0.0 | 32.0 |



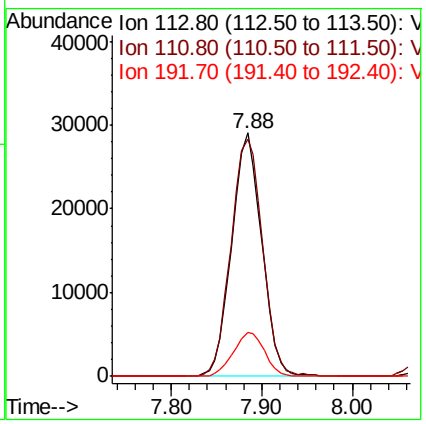


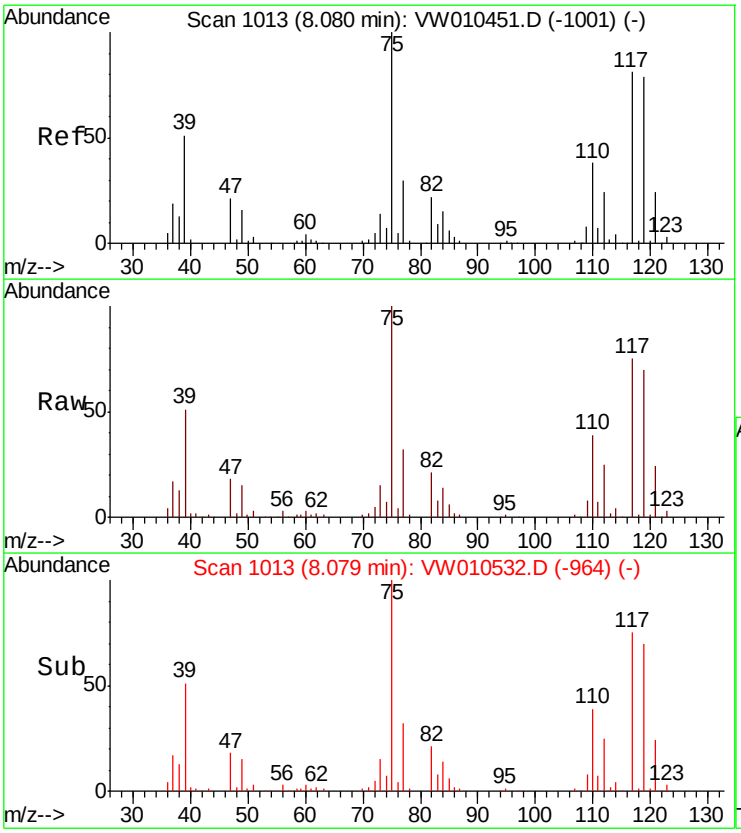

#35
Dibromofluoromethane
Concen: 47.990 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion:113 Resp: 66641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.9 | 82.2 | 123.4 |
| 192 | 18.6 | 14.3 | 21.5 |

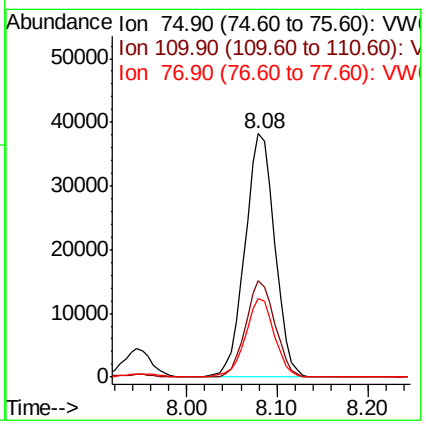


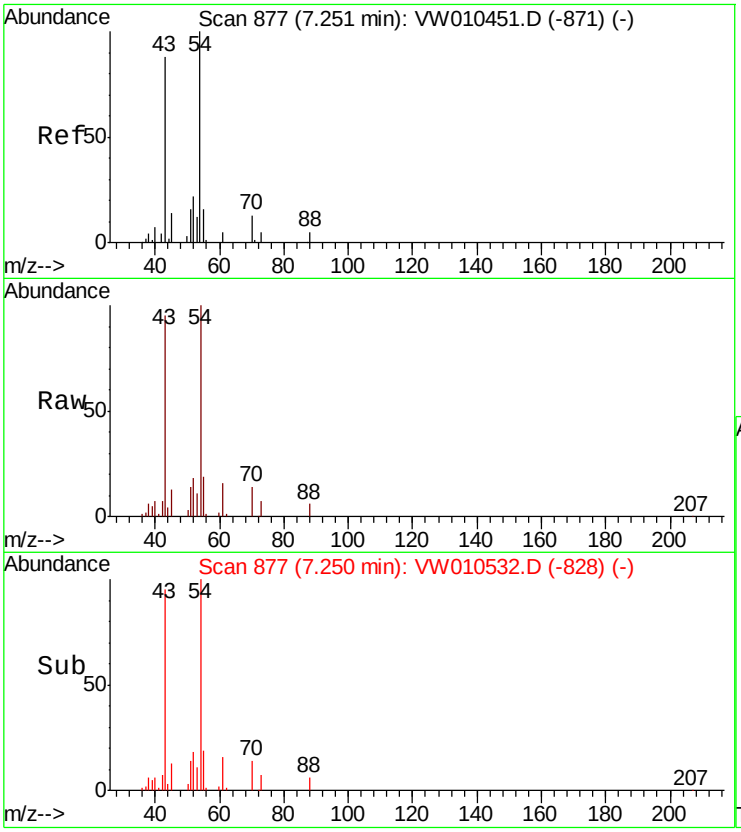




#36
1,1-Dichloropropene
Concen: 40.811 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion: 75 Resp: 87005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 38.8 | 19.2 | 57.6 |
| 77 | 31.6 | 25.2 | 37.8 |



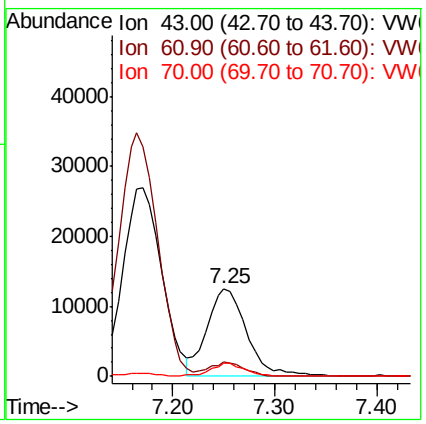


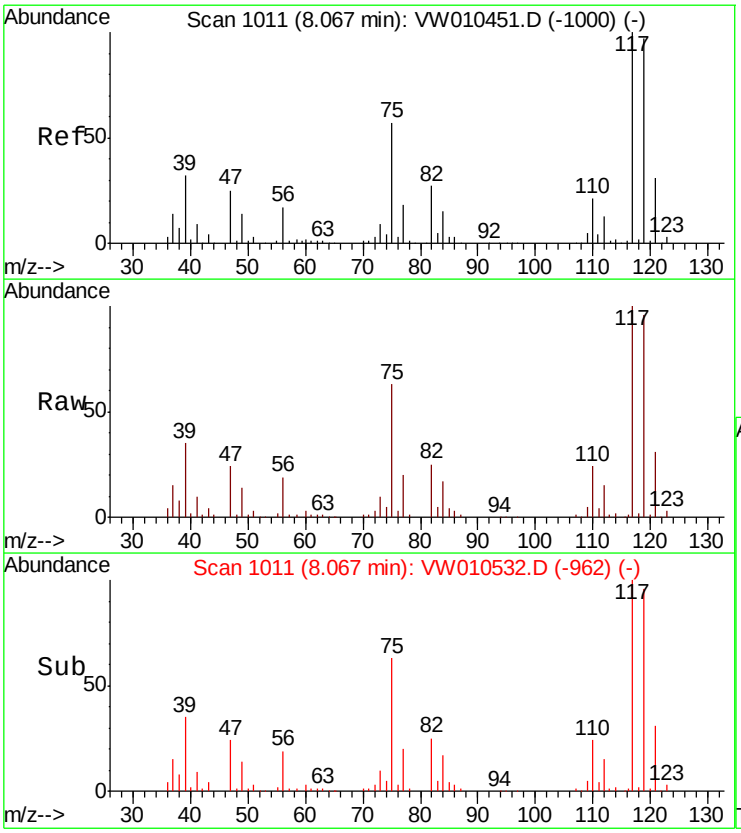

#37
Ethyl Acetate
Concen: 36.761 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion: 43 Resp: 33327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 14.0 | 11.2 | 16.8 |
| 70 | 13.0 | 9.9 | 14.9 |

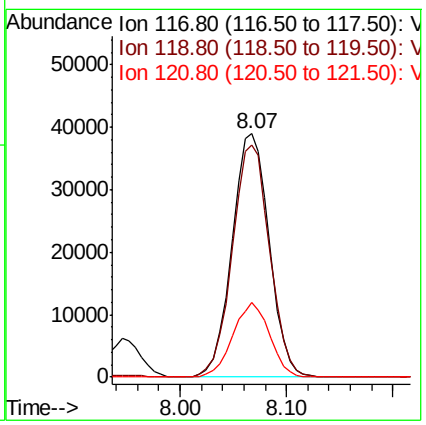


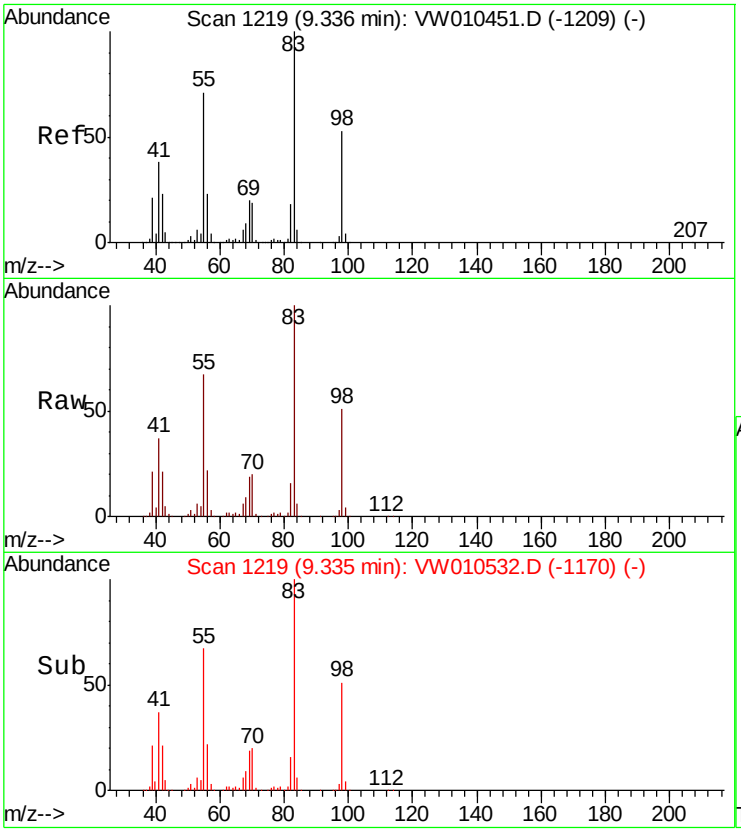




#38
Carbon Tetrachloride
Concen: 41.455 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion:117 Resp: 95337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.6 | 77.4 | 116.0 |
| 121 | 30.8 | 25.0 | 37.6 |



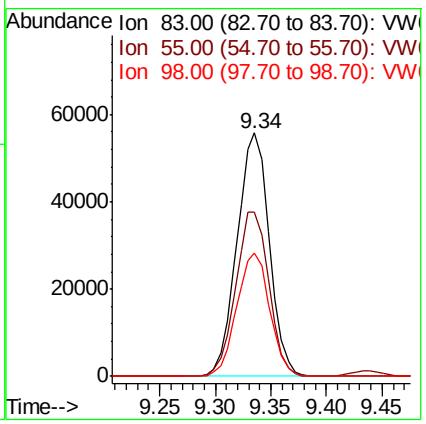


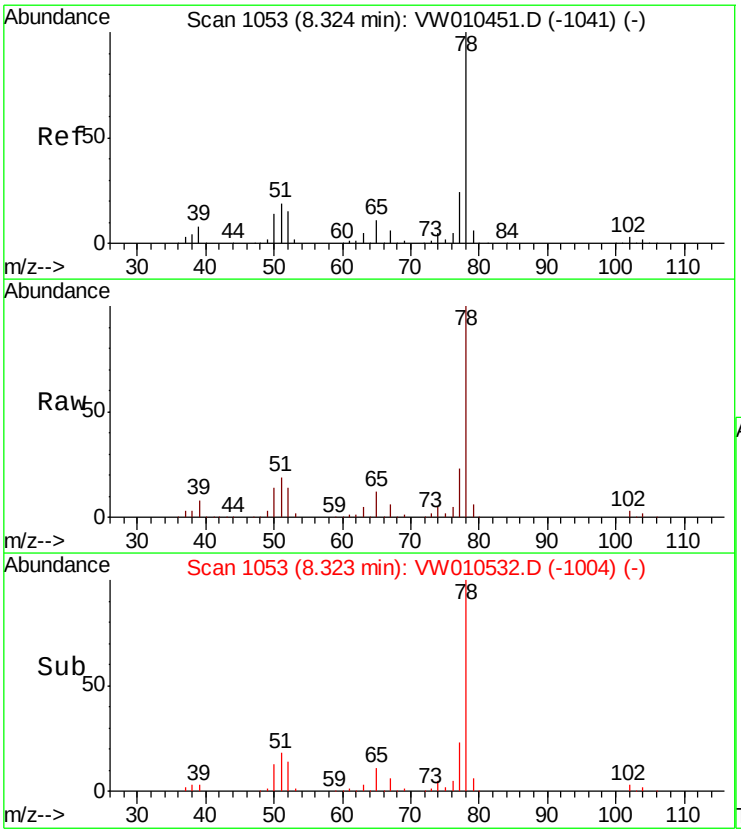

#39
Methylcyclohexane
Concen: 39.302 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion: 83 Resp: 112255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 67.4 | 57.0 | 85.6 |
| 98 | 50.7 | 42.0 | 63.0 |

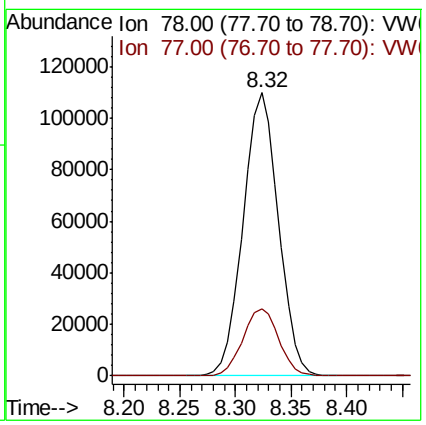


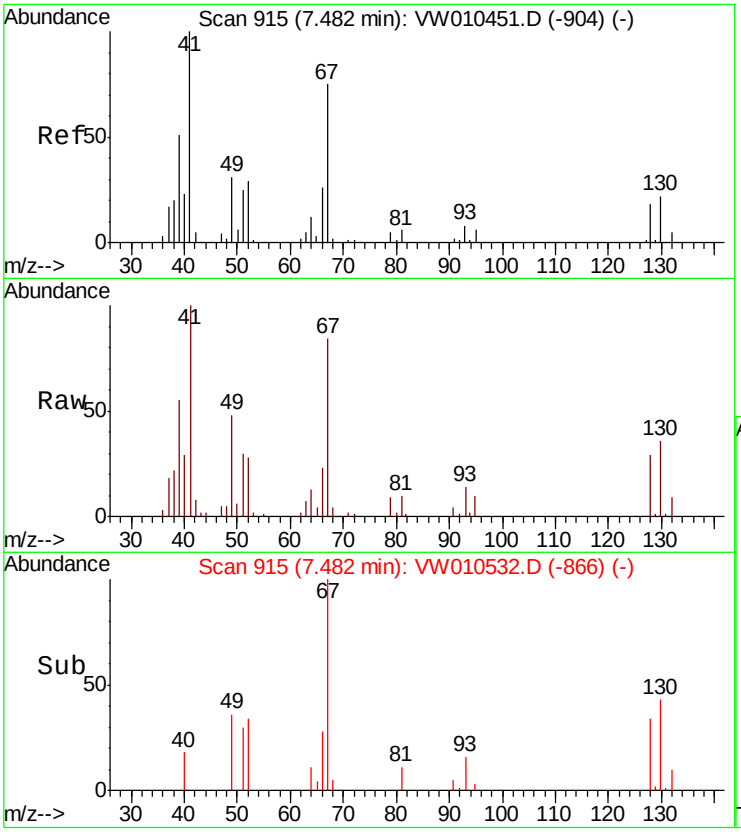




#40
Benzene
Concen: 40.953 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion: 78 Resp: 242664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.5 | 18.9 | 28.3 |



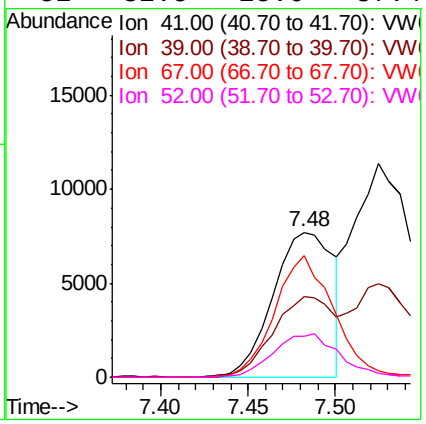


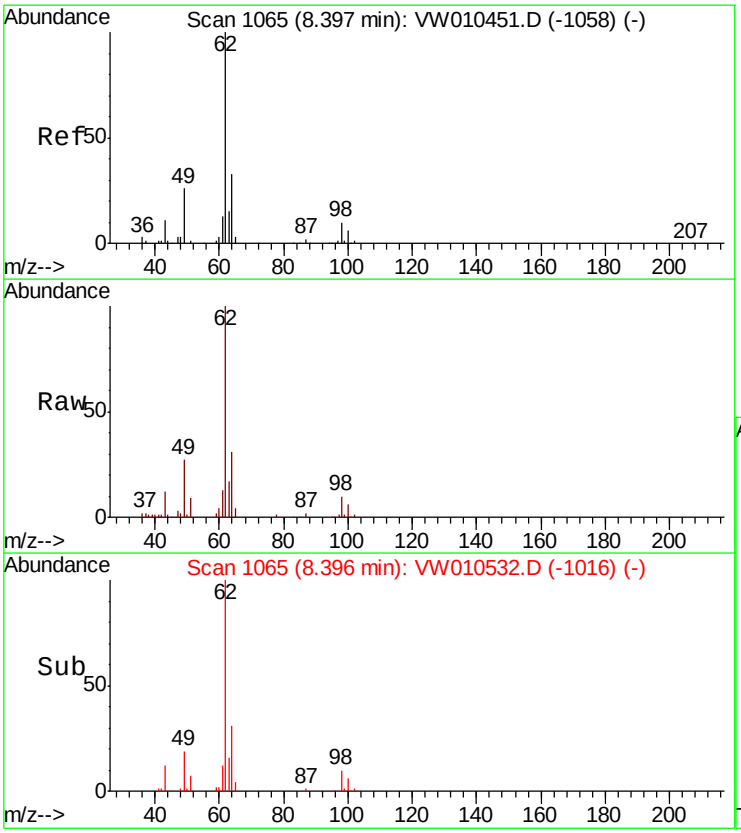

#41
Methacrylonitrile
Concen: 34.593 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion: 41 Resp: 18634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 54.7 | 47.4 | 71.2 |
| 67 | 81.5 | 65.5 | 98.3 |
| 52 | 32.5 | 25.0 | 37.4 |

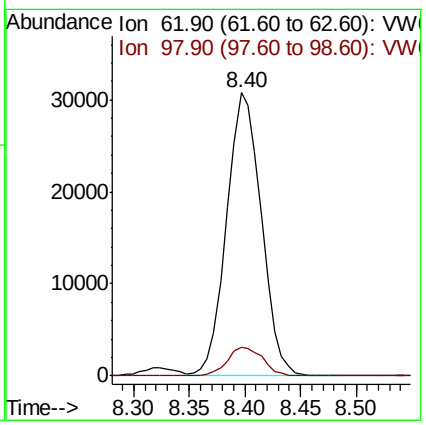


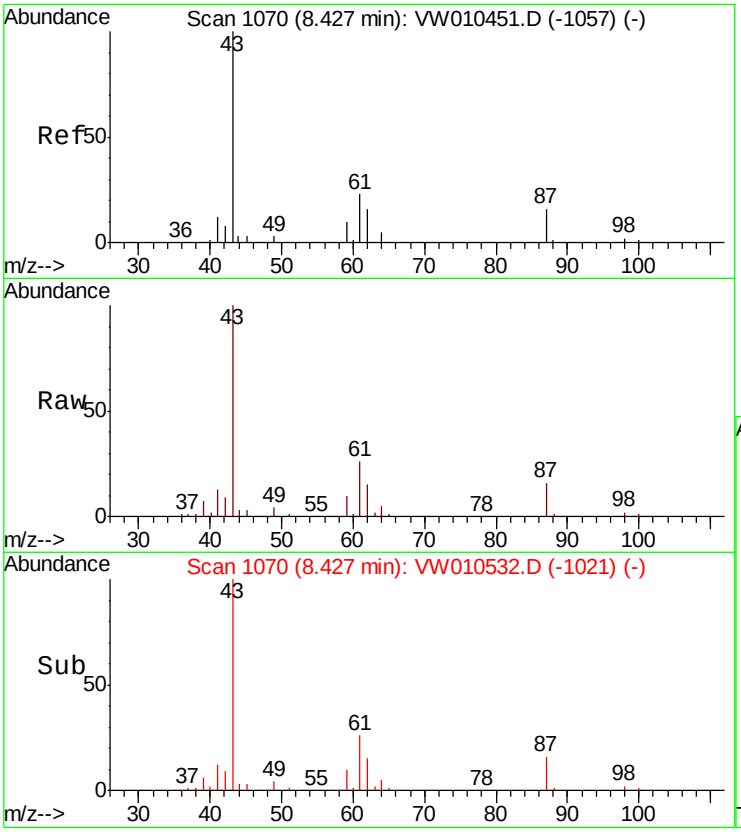




#42
1,2-Dichloroethane
Concen: 39.233 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion: 62 Resp: 66443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 10.3 | 0.0 | 21.0 |



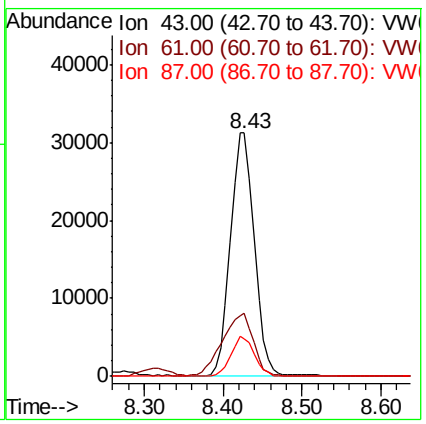


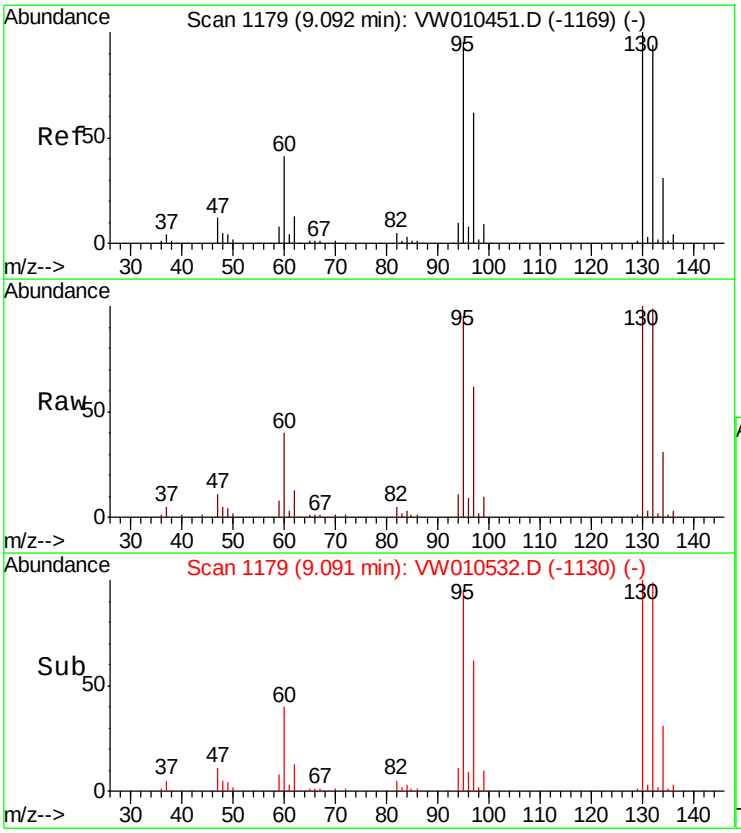

#43
Isopropyl Acetate
Concen: 36.761 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion: 43 Resp: 66580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 33.1 | 25.4 | 38.2 |
| 87 | 16.0 | 12.7 | 19.1 |

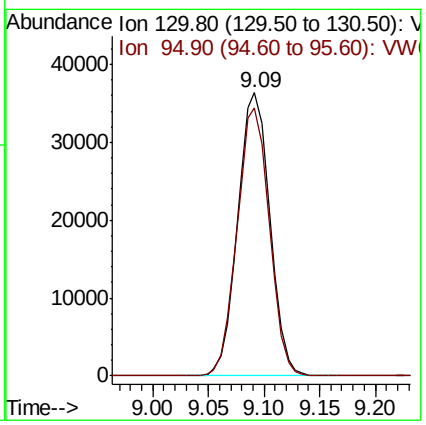


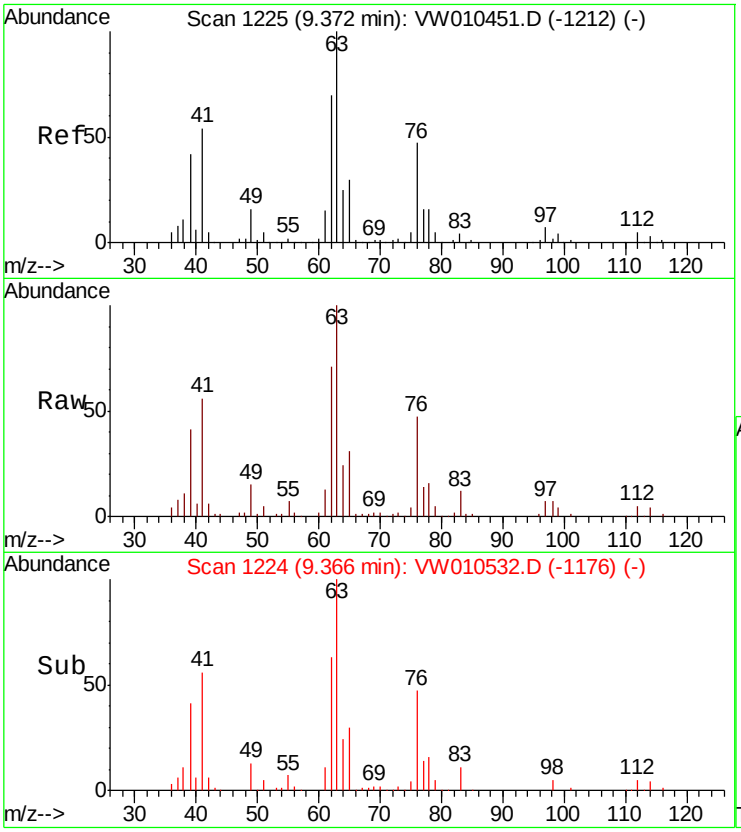




#44
Trichloroethene
Concen: 41.426 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion:130 Resp: 72874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 94.7 | 0.0 | 189.6 |



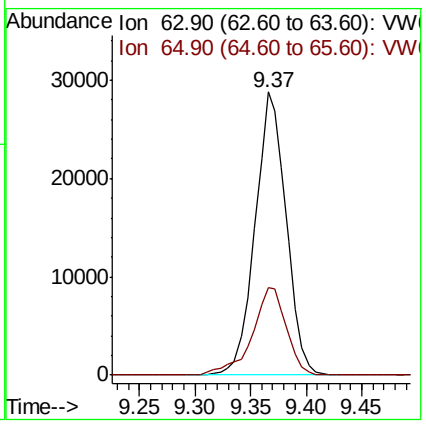


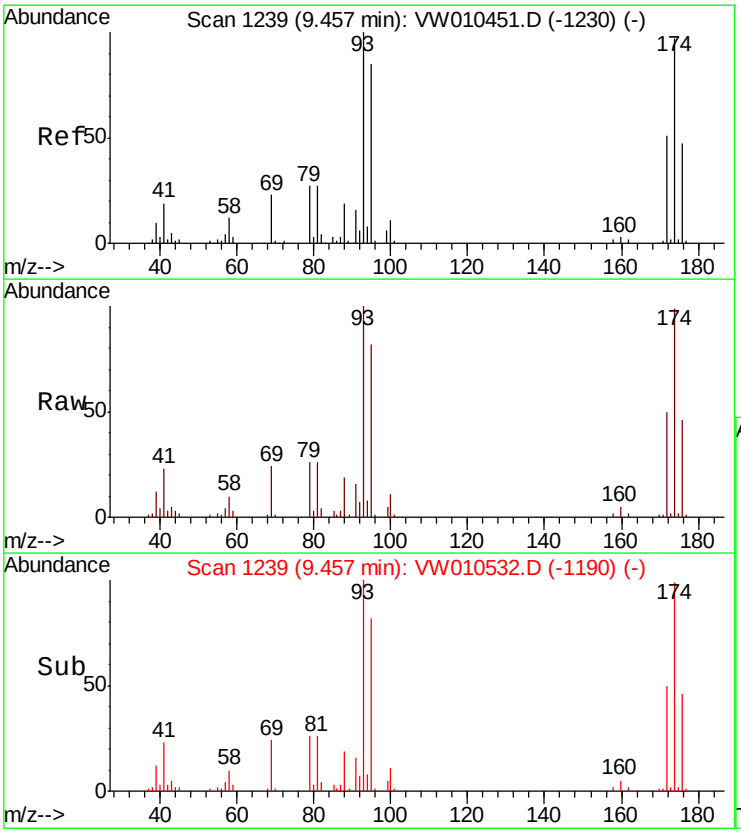

#45
1,2-Dichloropropane
Concen: 39.712 ug/l
RT: 9.37 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion: 63 Resp: 55886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.1 | 24.3 | 36.5 |

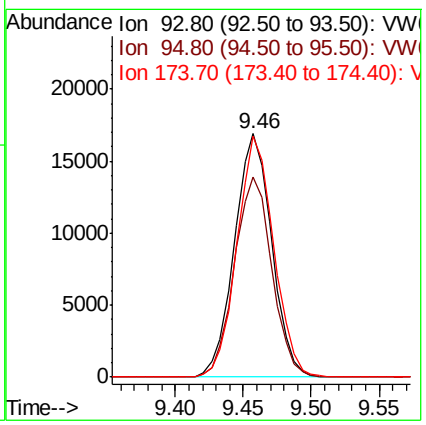


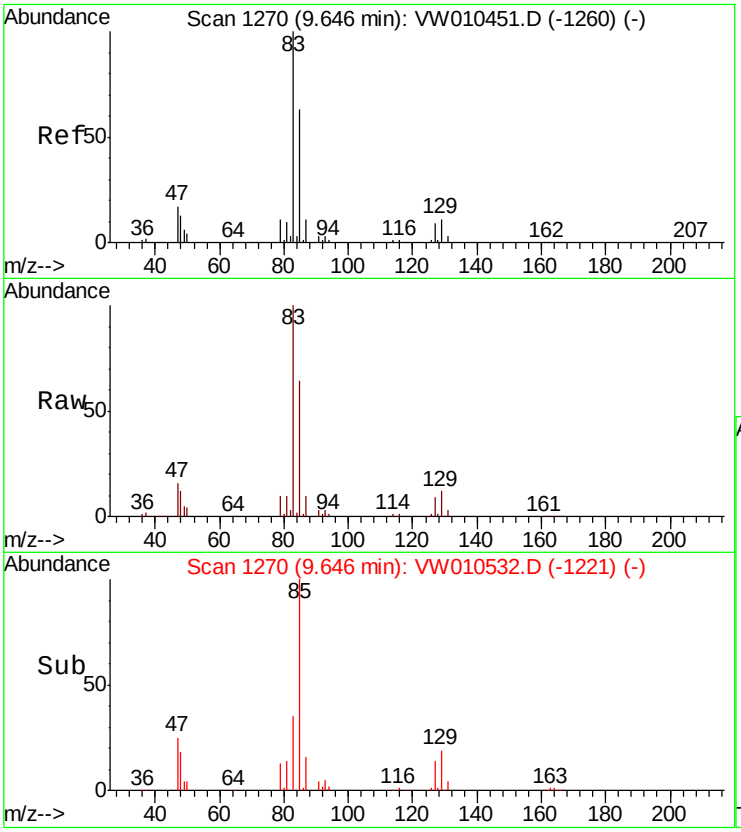




#46
Dibromomethane
Concen: 39.262 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion: 93 Resp: 32313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 82.5 | 66.1 | 99.1 |
| 174 | 97.9 | 77.1 | 115.7 |



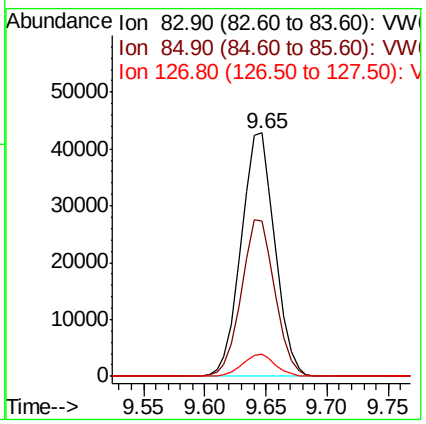


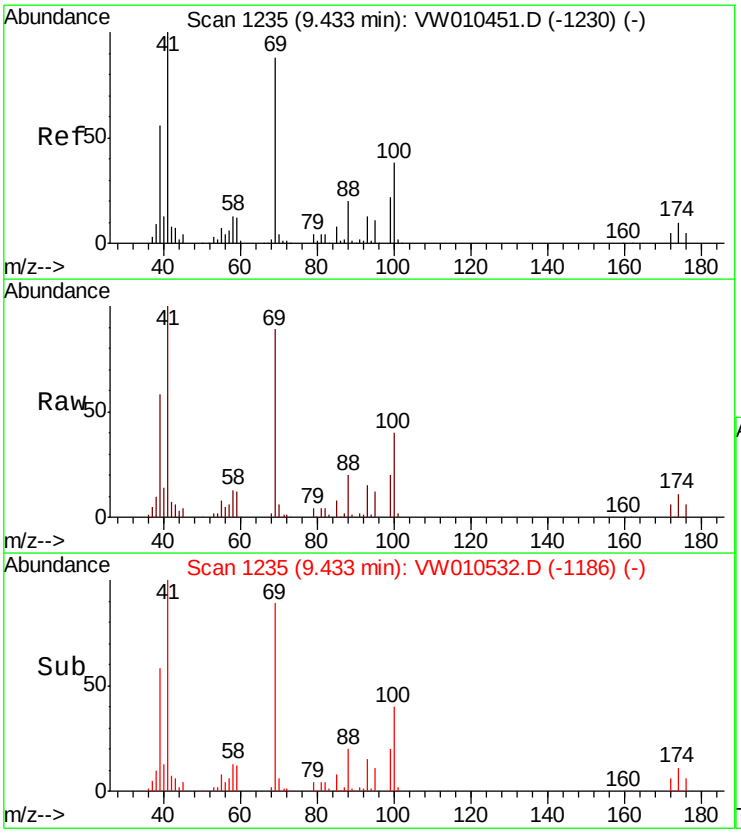

#47
Bromodichloromethane
Concen: 39.587 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion: 83 Resp: 81873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 63.7 | 50.4 | 75.6 |
| 127 | 9.0 | 7.4 | 11.0 |

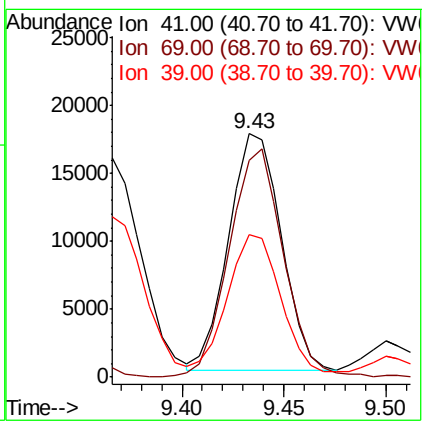


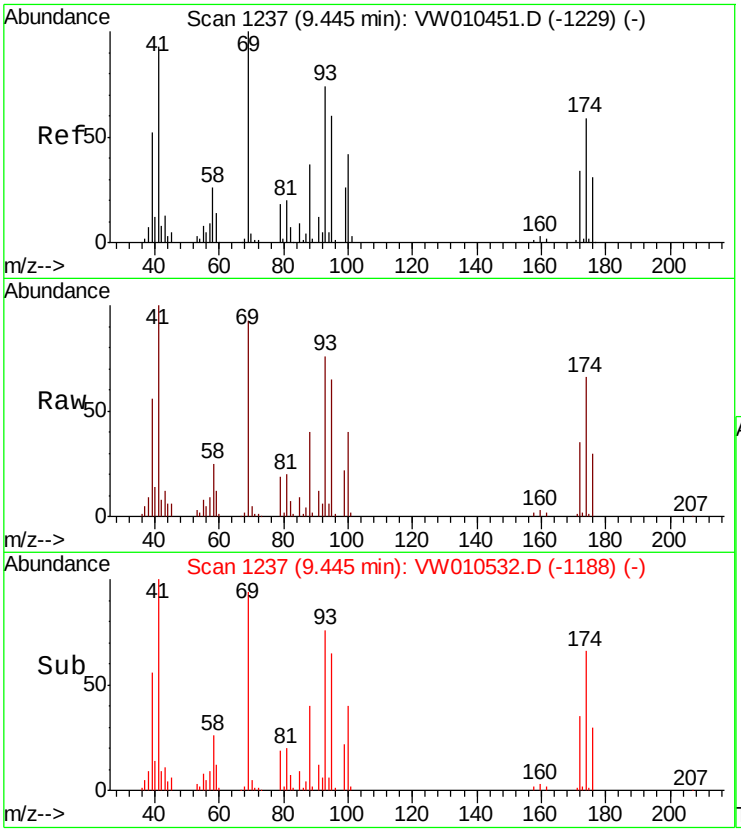




#48
Methyl methacrylate
Concen: 37.759 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion: 41 Resp: 31286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 99.4 | 77.6 | 116.4 |
| 39 | 57.5 | 49.8 | 74.8 |



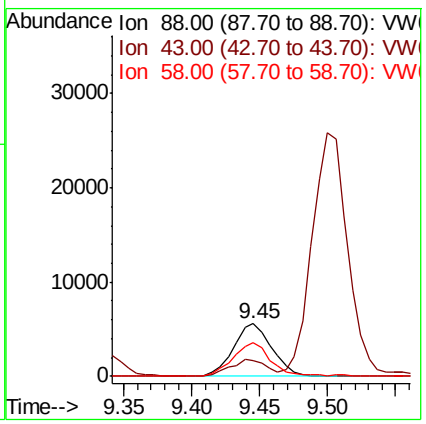


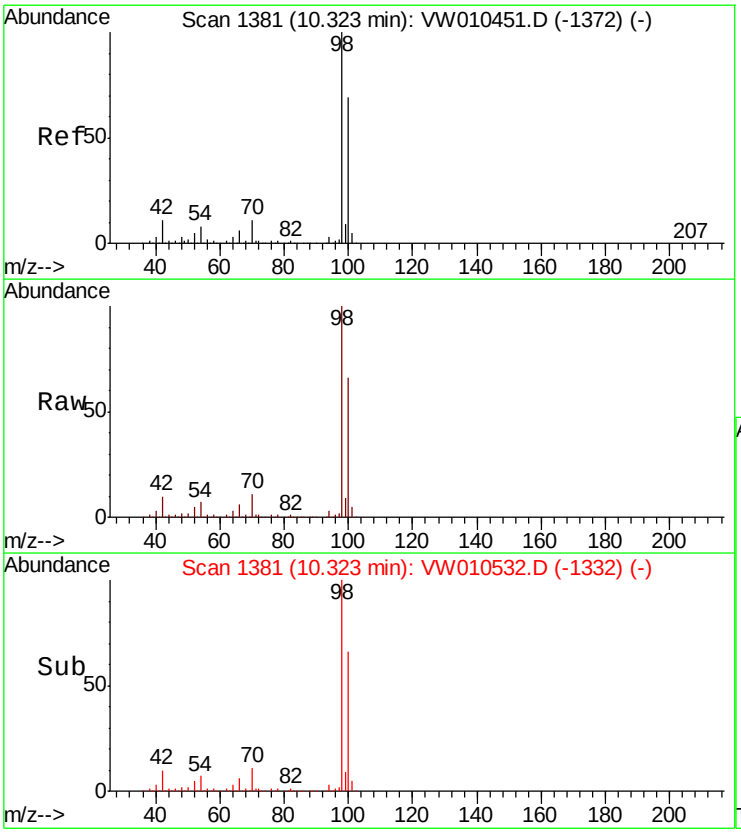

#49
1,4-Dioxane
Concen: 810.825 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion: 88 Resp: 10901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 29.1 | 25.9 | 38.9 |
| 58 | 64.8 | 52.7 | 79.1 |

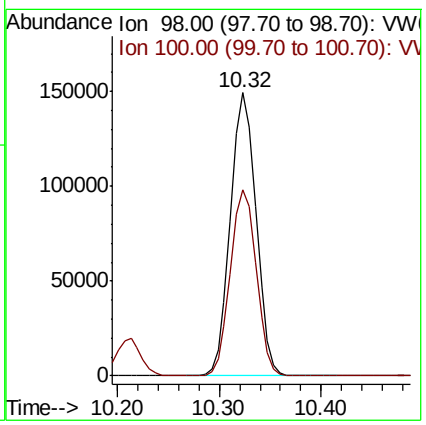


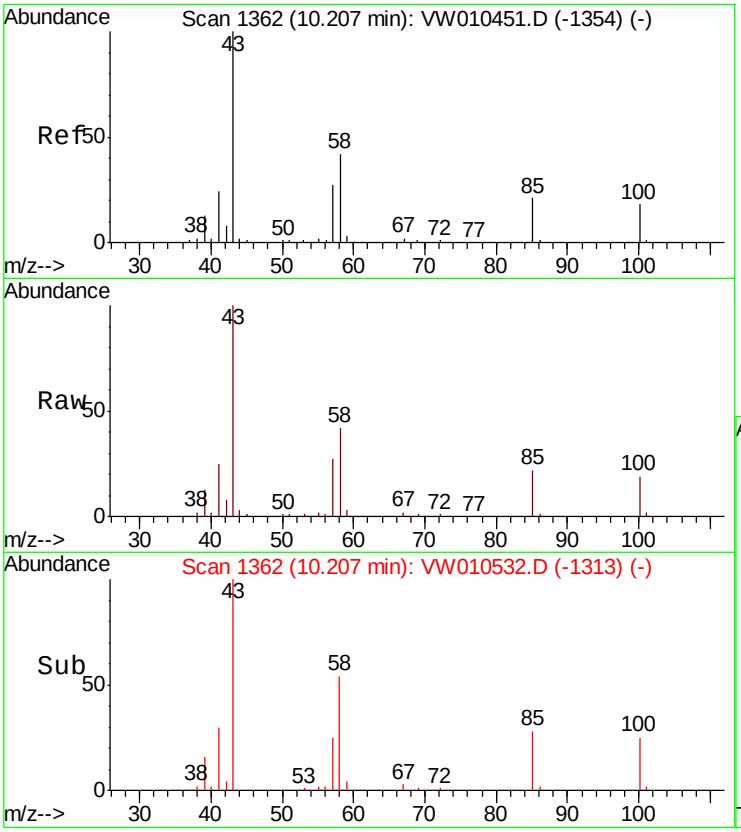




#50
Toluene-d8
Concen: 49.035 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion: 98 Resp: 260129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.6 | 53.7 | 80.5 |



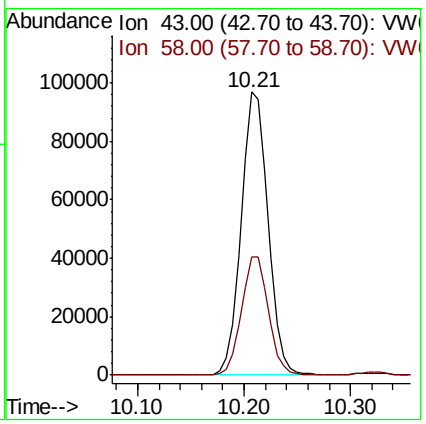


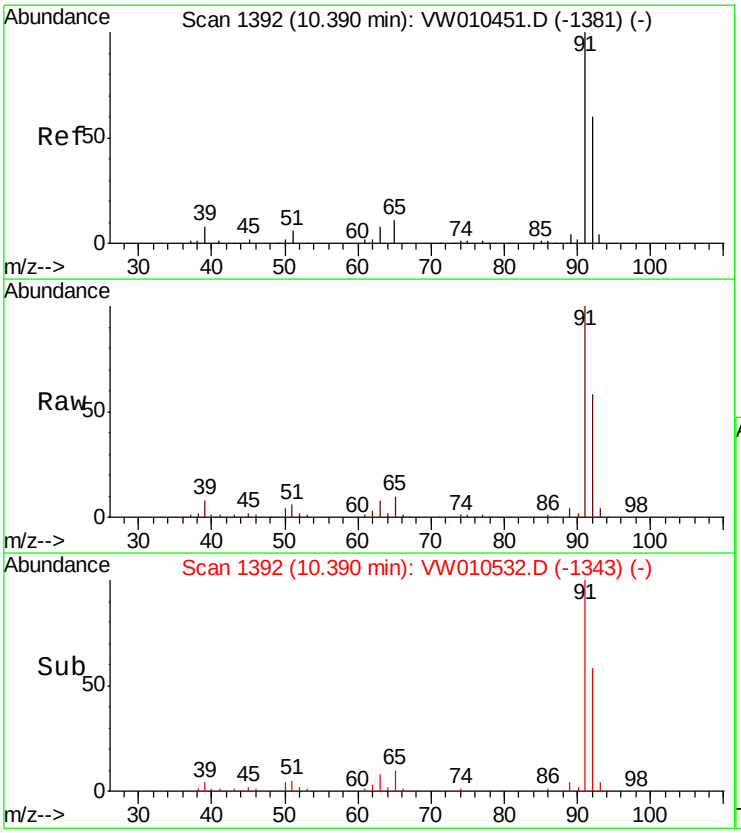

#51
4-Methyl-2-Pentanone
Concen: 187.384 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion: 43 Resp: 171971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 42.1 | 33.2 | 49.8 |

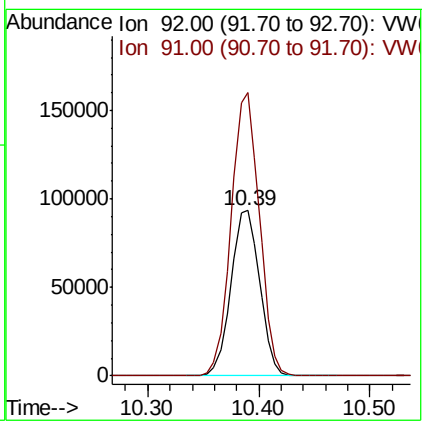


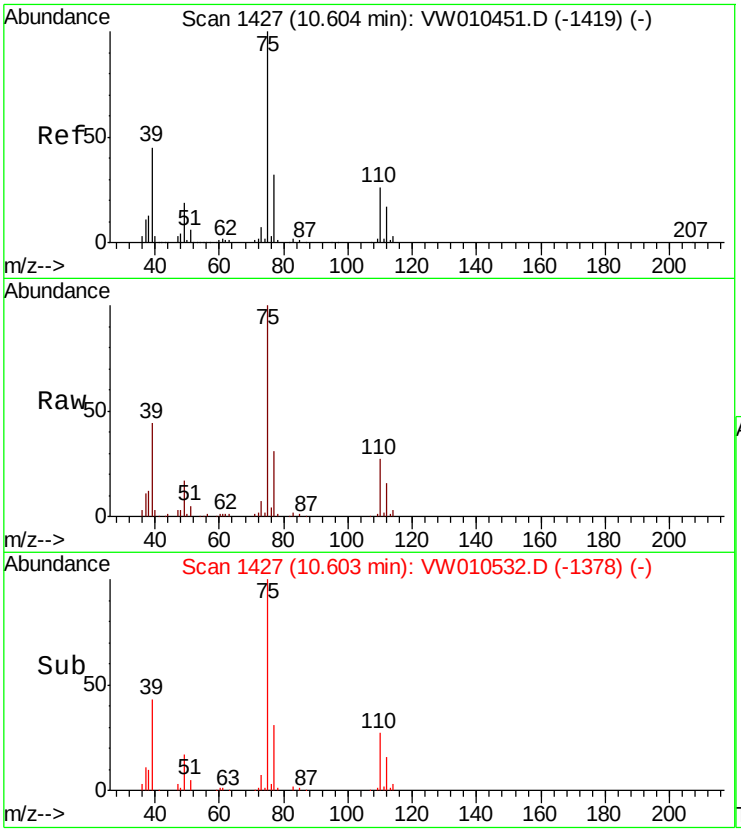




#52
Toluene
Concen: 41.922 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion: 92 Resp: 166822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 168.3 | 135.4 | 203.0 |



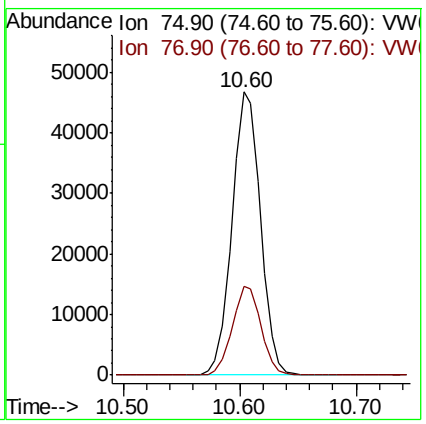


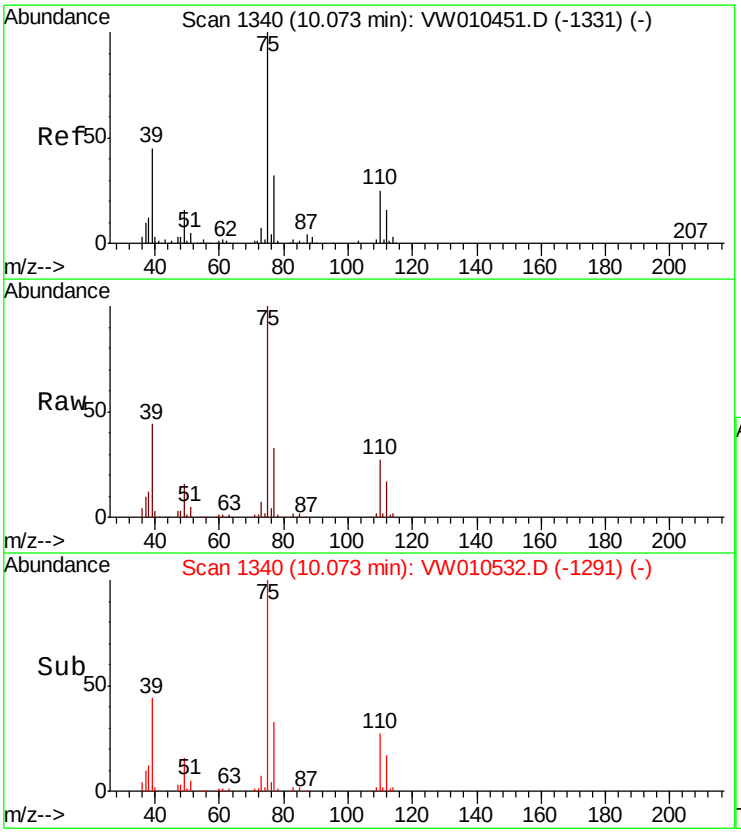

#53
t-1,3-Dichloropropene
Concen: 38.057 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion: 75 Resp: 79715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.4 | 25.4 | 38.0 |

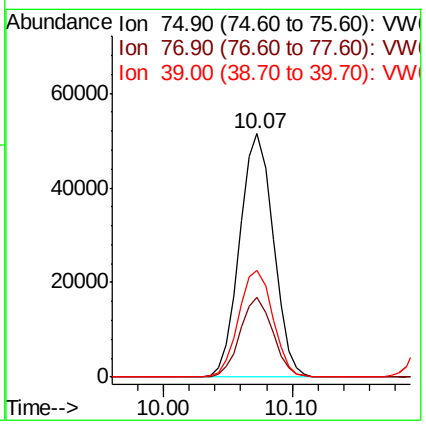


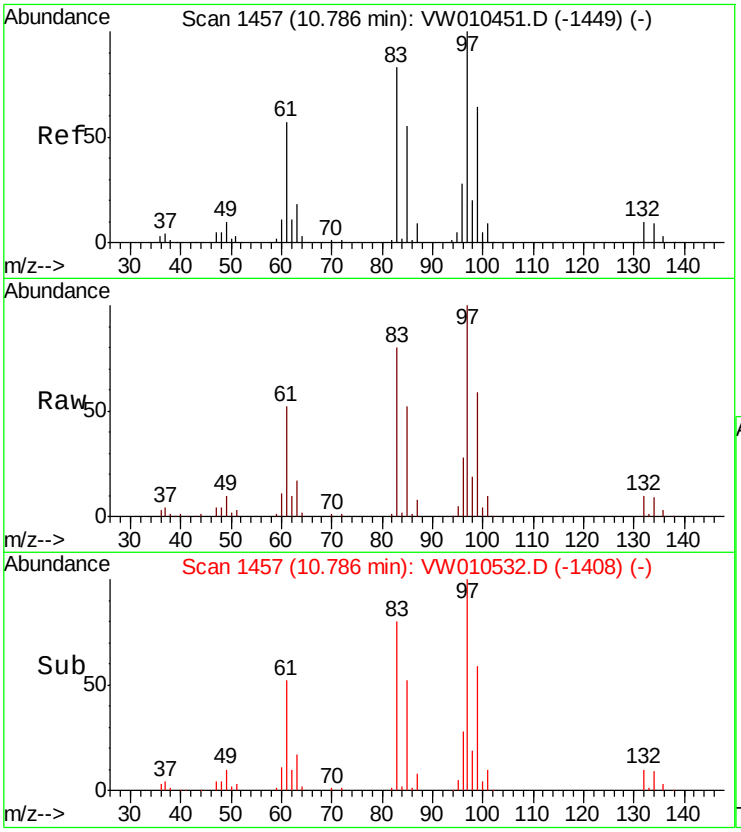




#54
cis-1,3-Dichloropropene
Concen: 38.978 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion: 75 Resp: 93243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 32.9 | 25.7 | 38.5 |
| 39 | 43.9 | 36.2 | 54.4 |



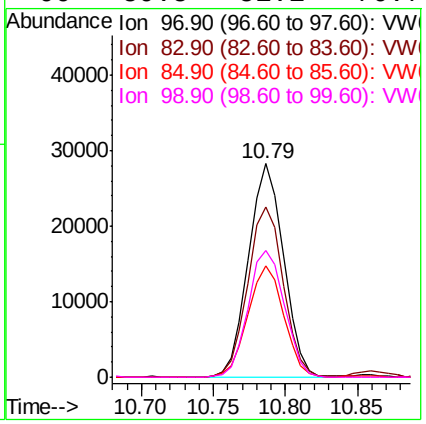


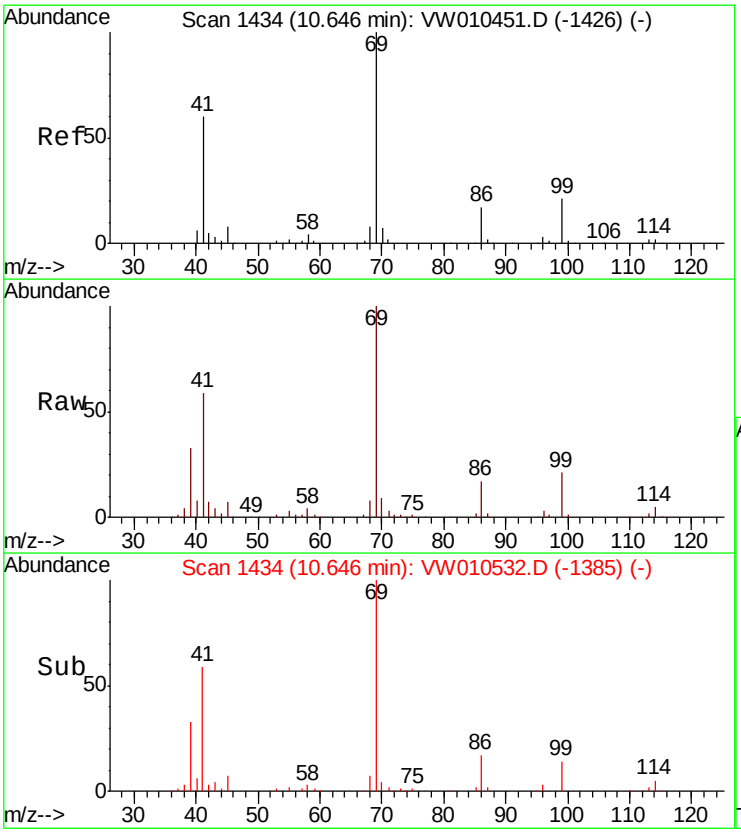

#55
1,1,2-Trichloroethane
Concen: 40.454 ug/l
RT: 10.79 min Scan# 1457
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion: 97 Resp: 47877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 79.8 | 66.1 | 99.1 |
| 85 | 52.3 | 44.2 | 66.4 |
| 99 | 59.5 | 51.1 | 76.7 |

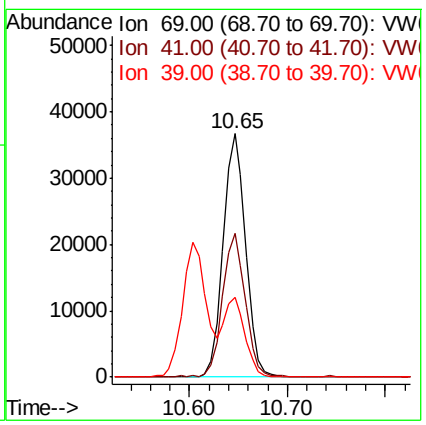


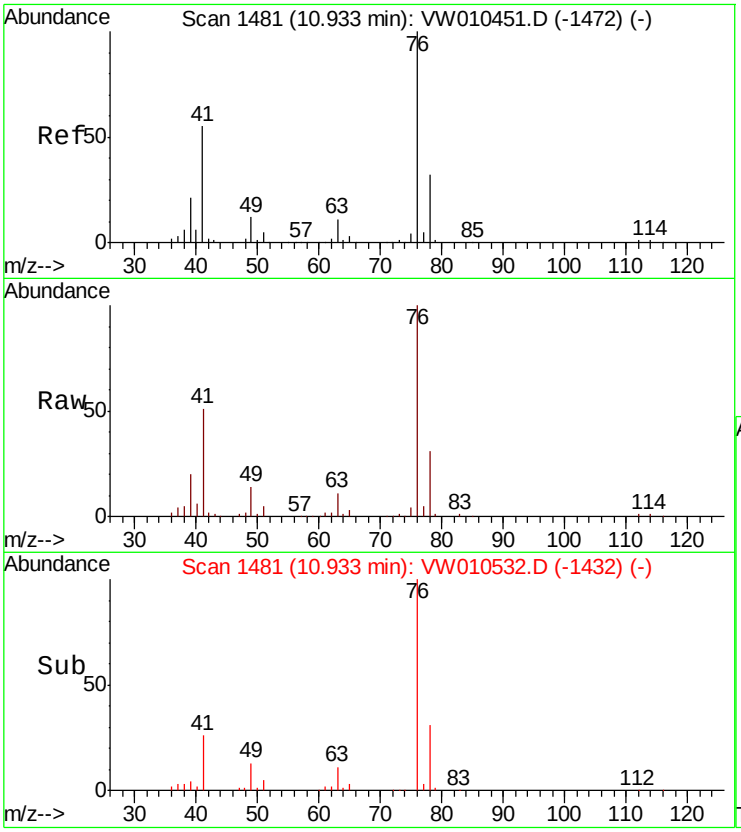




#56
Ethyl methacrylate
Concen: 35.786 ug/l
RT: 10.65 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion: 69 Resp: 58412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 60.2 | 47.7 | 71.5 |
| 39 | 30.5 | 25.3 | 37.9 |



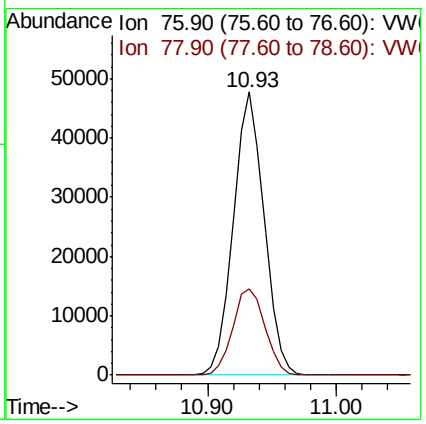


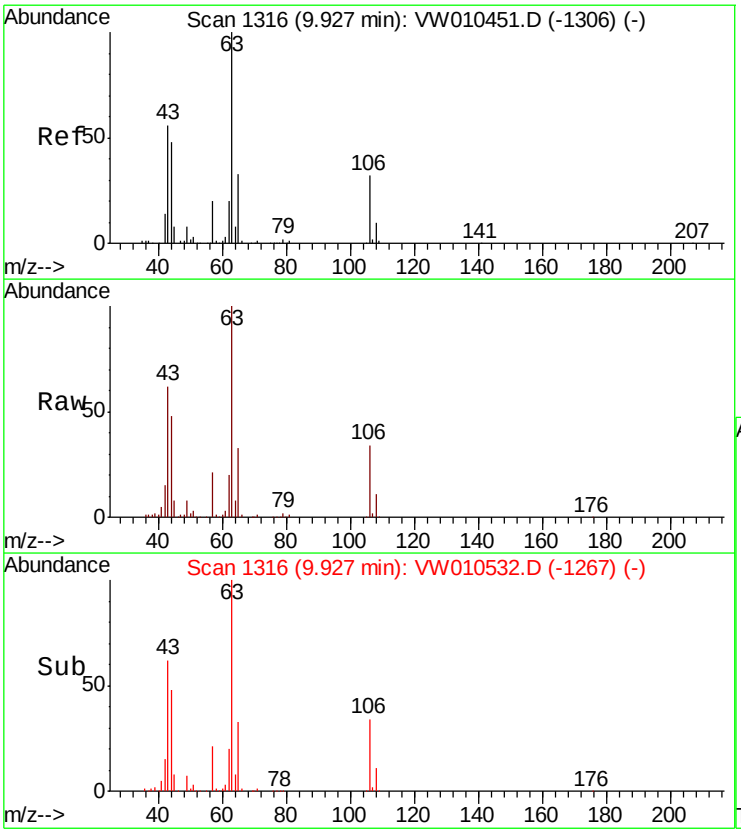

#57
1,3-Dichloropropane
Concen: 39.900 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion: 76 Resp: 79098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.2 | 26.2 | 39.2 |

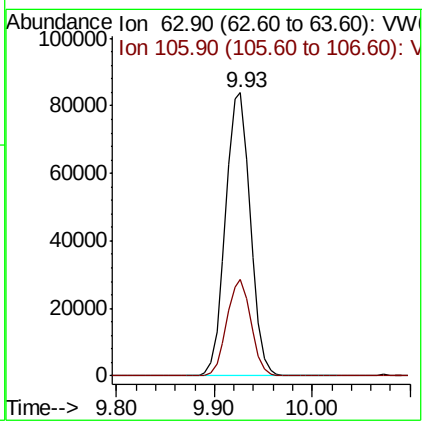


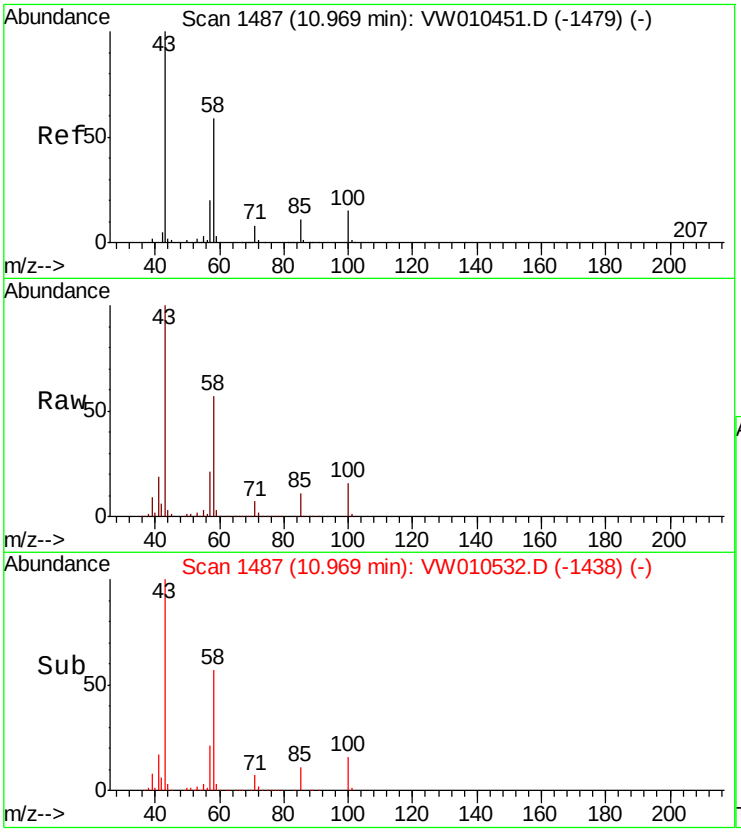




#58
2-Chloroethyl Vinyl ether
Concen: 204.736 ug/l
RT: 9.93 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion: 63 Resp: 148017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 33.0 | 25.8 | 38.6 |



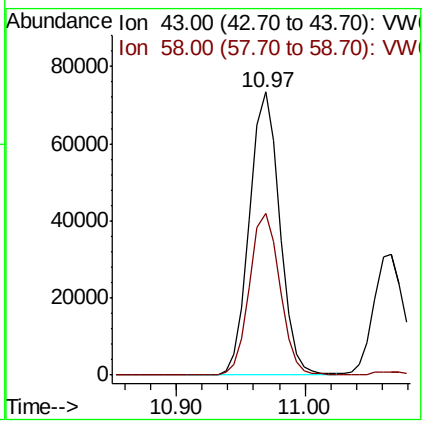


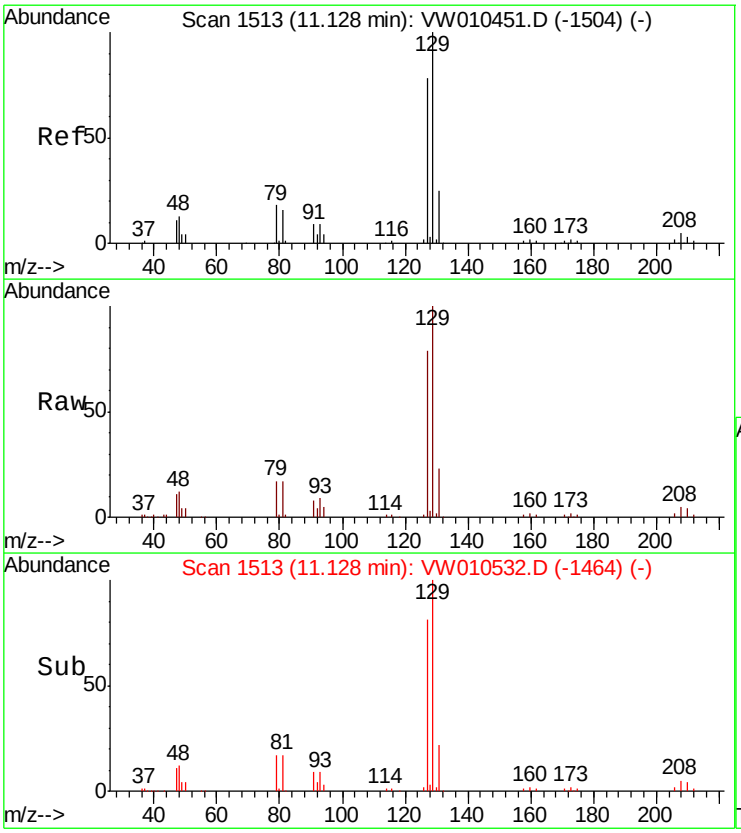

#59
2-Hexanone
Concen: 181.776 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion: 43 Resp: 119004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 57.7 | 28.9 | 86.8 |

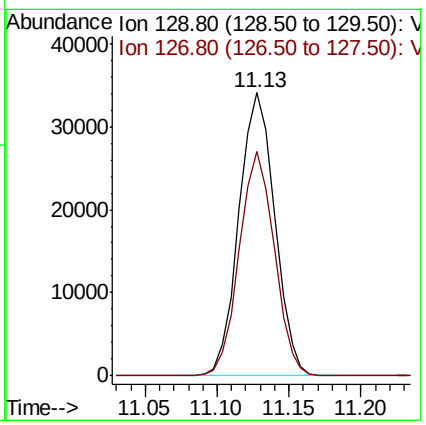


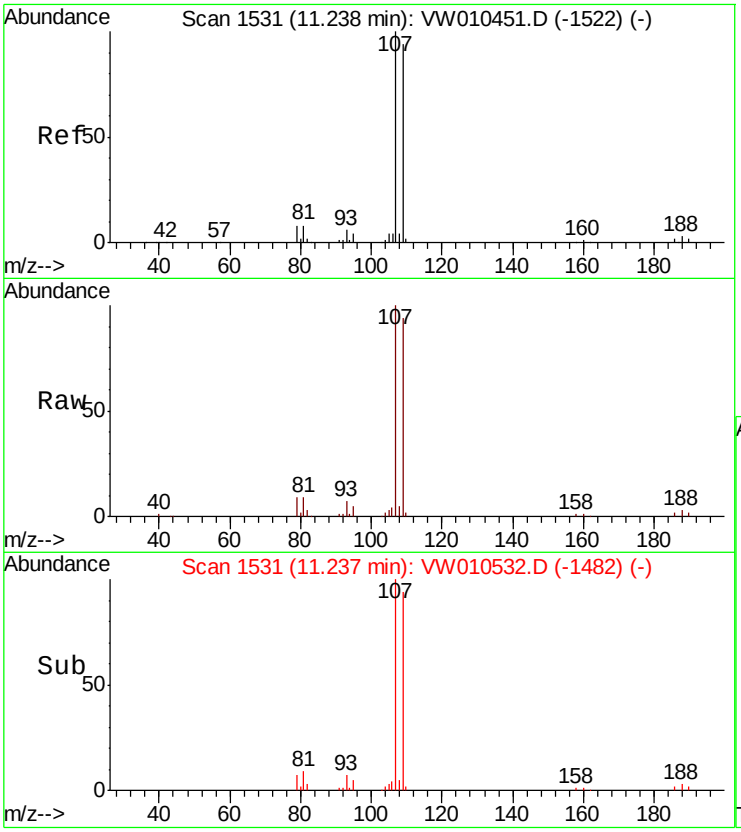




#60
Dibromochloromethane
Concen: 39.328 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion:129 Resp: 58907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 77.4 | 38.9 | 116.7 |



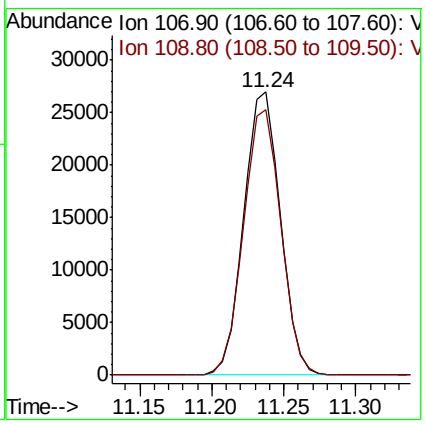


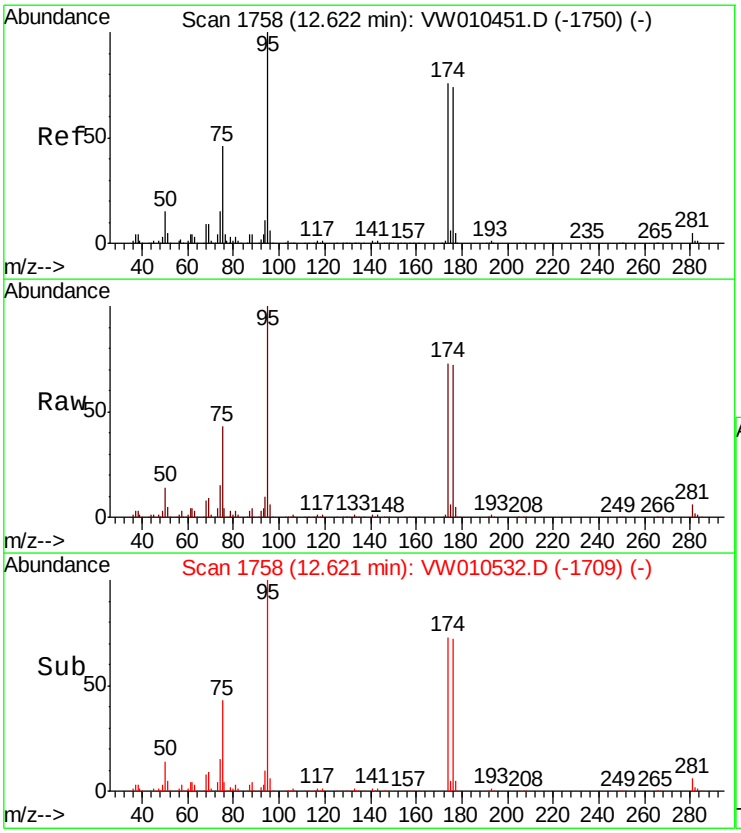

#61
1,2-Dibromoethane
Concen: 39.533 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :** MSVOA_W
**ClientSampleId :** FESB-23(3-3.5)MSD

Tgt Ion:107 Resp: 47395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 95.7 | 75.0 | 112.4 |

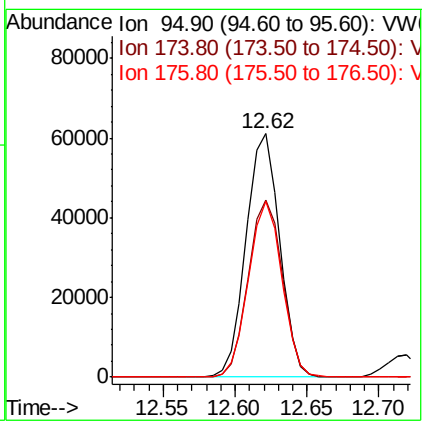


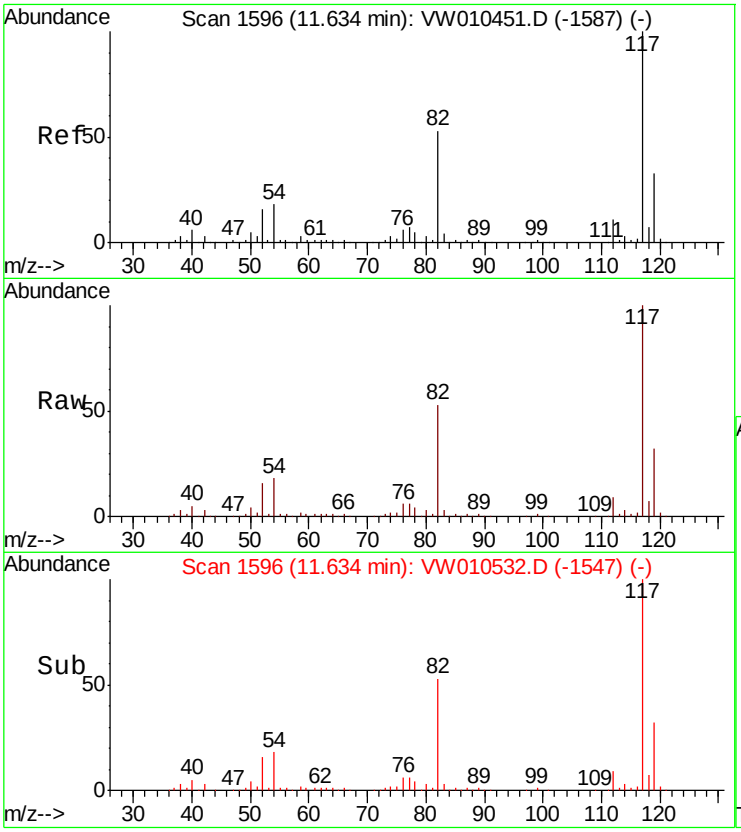




#62
4-Bromofluorobenzene
Concen: 46.576 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion: 95 Resp: 98416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 74.0 | 0.0 | 148.6 |
| 176 | 71.6 | 0.0 | 144.2 |



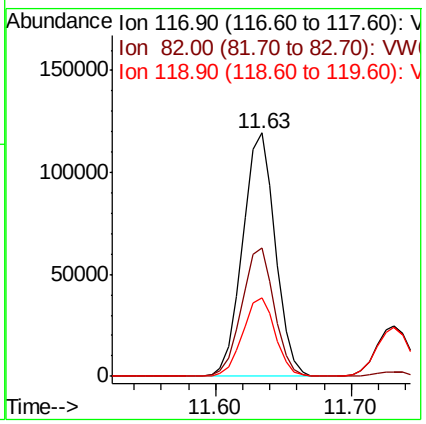


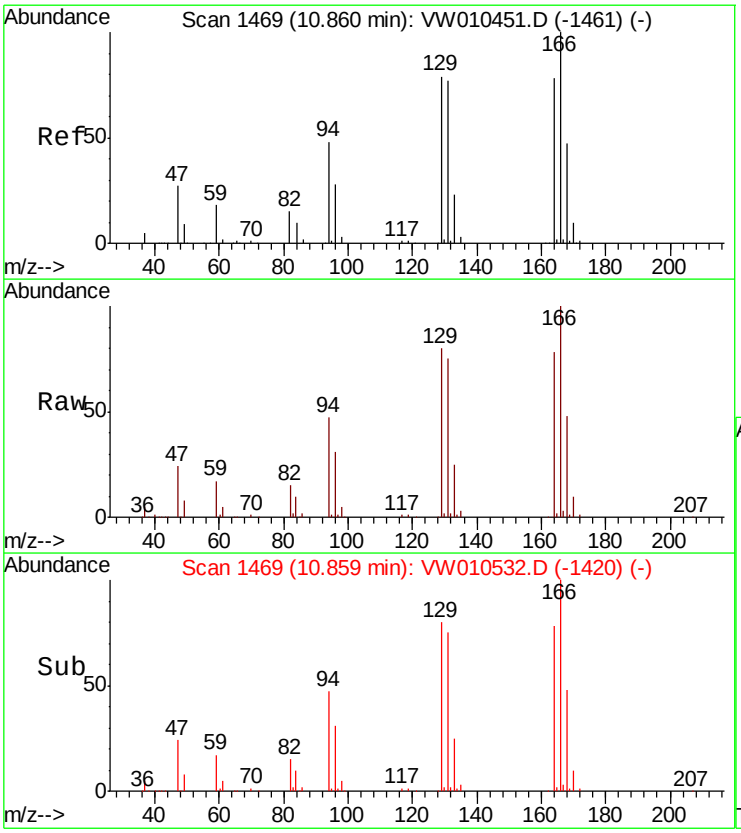

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion:117 Resp: 200602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 52.9 | 42.8 | 64.2 |
| 119 | 32.4 | 26.3 | 39.5 |

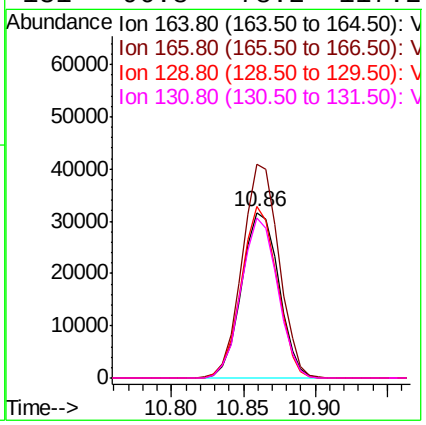


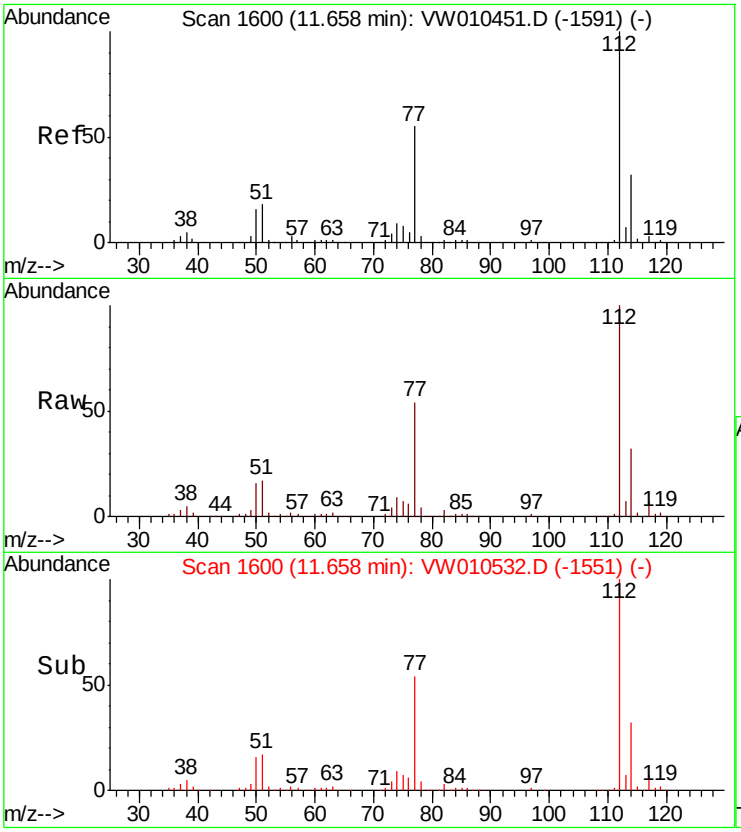




#64
Tetrachloroethene
Concen: 40.380 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion:164 Resp: 56467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 128.8 | 101.9 | 152.9 |
| 129 | 103.4 | 80.6 | 121.0 |
| 131 | 96.8 | 78.2 | 117.2 |



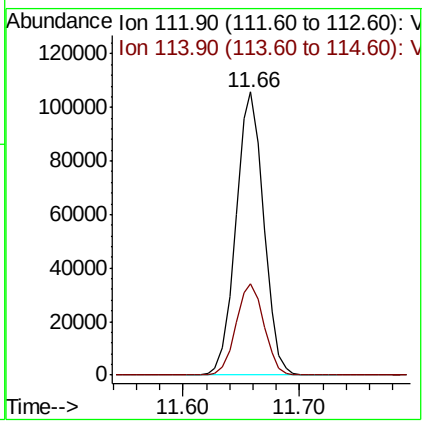


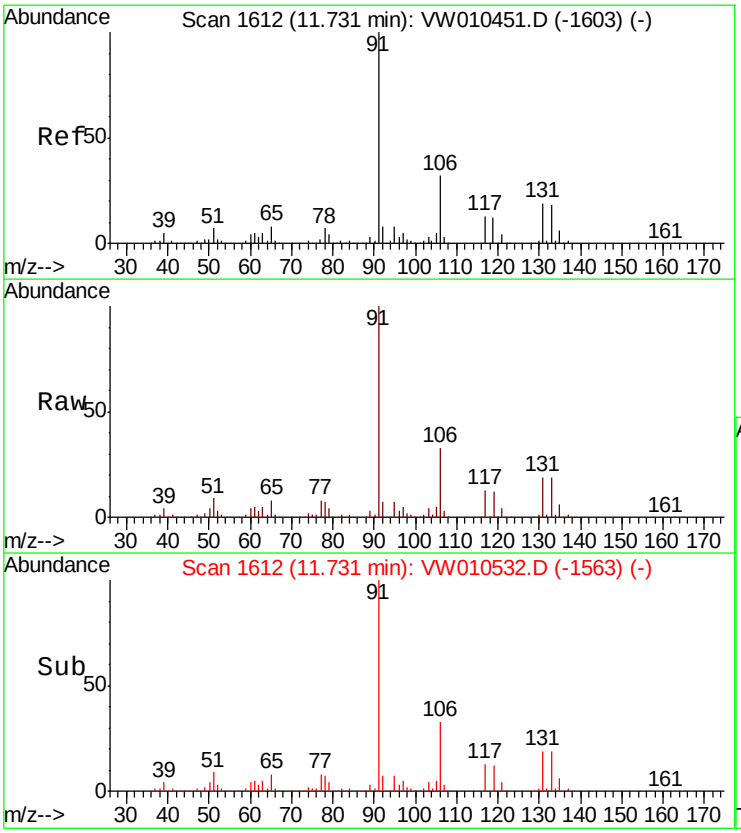

#65
Chlorobenzene
Concen: 41.118 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion:112 Resp: 175793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 32.5 | 25.3 | 37.9 |

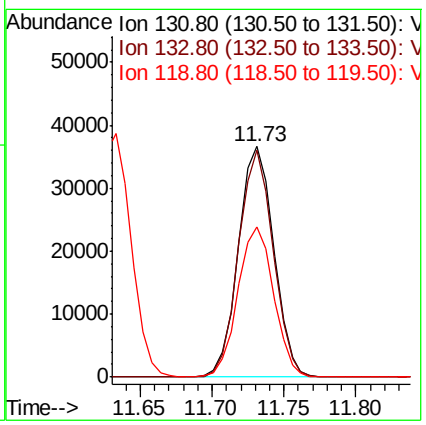


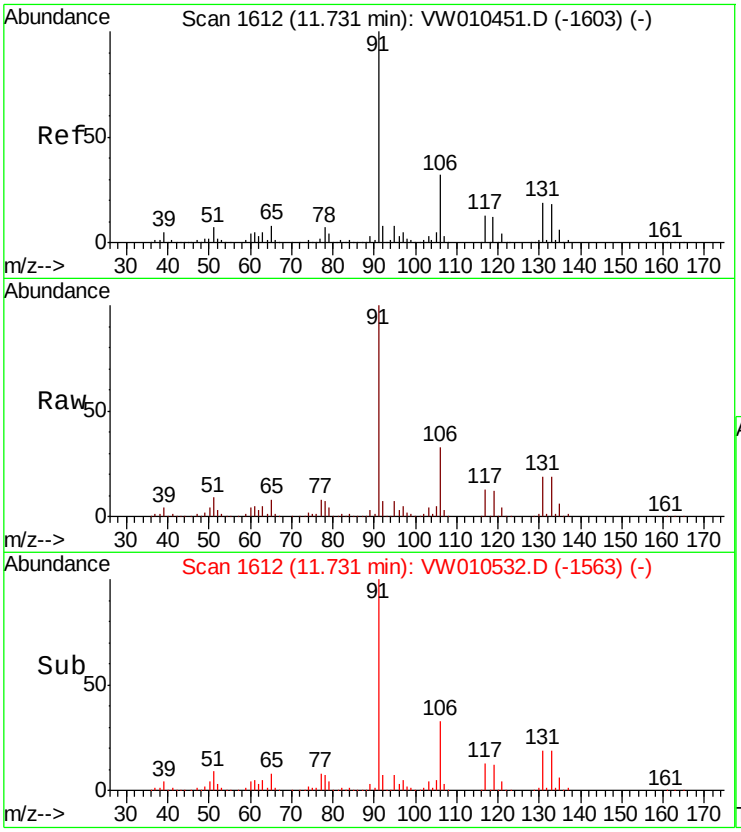




#66
1,1,1,2-Tetrachloroethane
Concen: 40.742 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion:131 Resp: 62396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 96.4 | 47.3 | 141.9 |
| 119 | 65.7 | 32.1 | 96.5 |



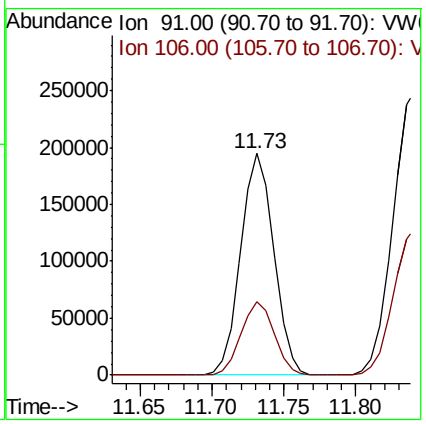


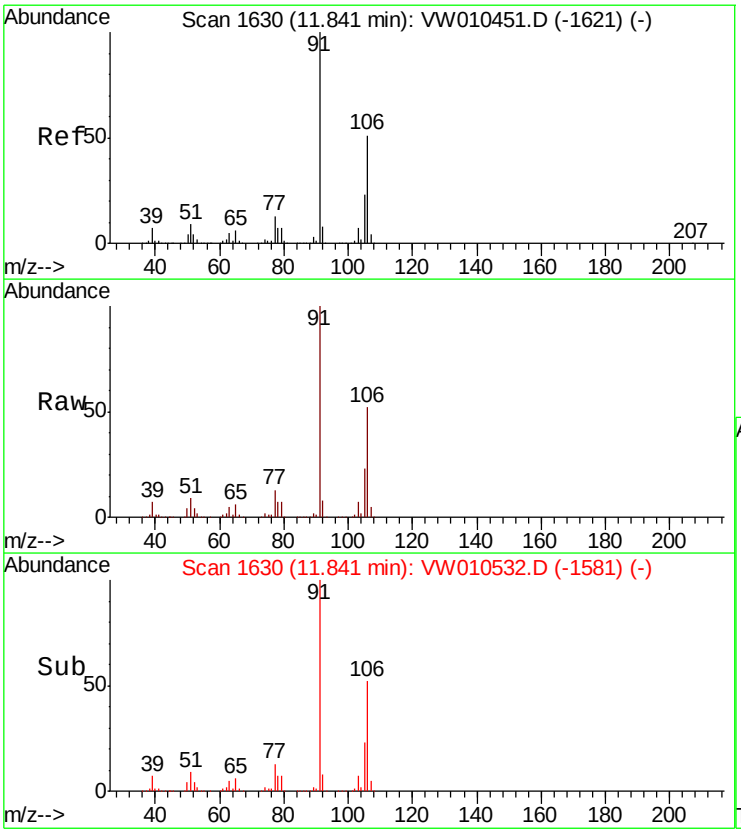

#67
Ethyl Benzene
Concen: 41.216 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion: 91 Resp: 311103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 33.1 | 25.9 | 38.9 |

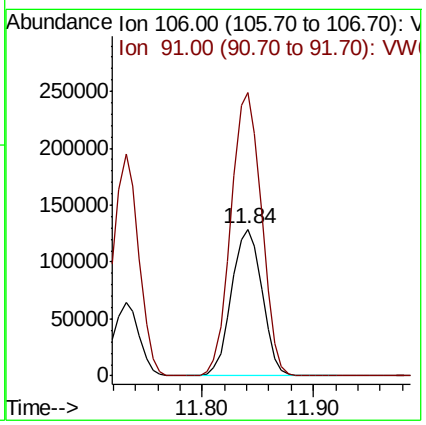


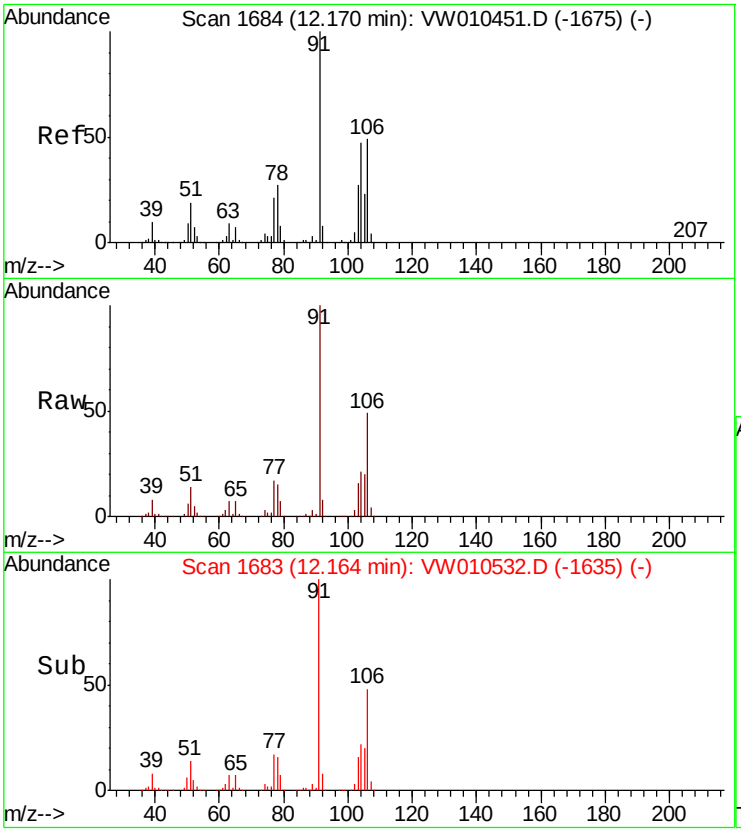




#68
m/p-Xylenes
Concen: 82.799 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion:106 Resp: 245138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 193.2 | 156.0 | 234.0 |



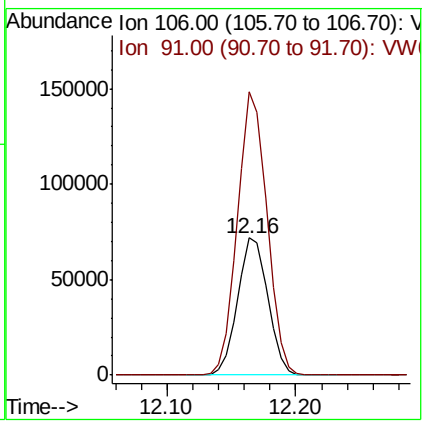


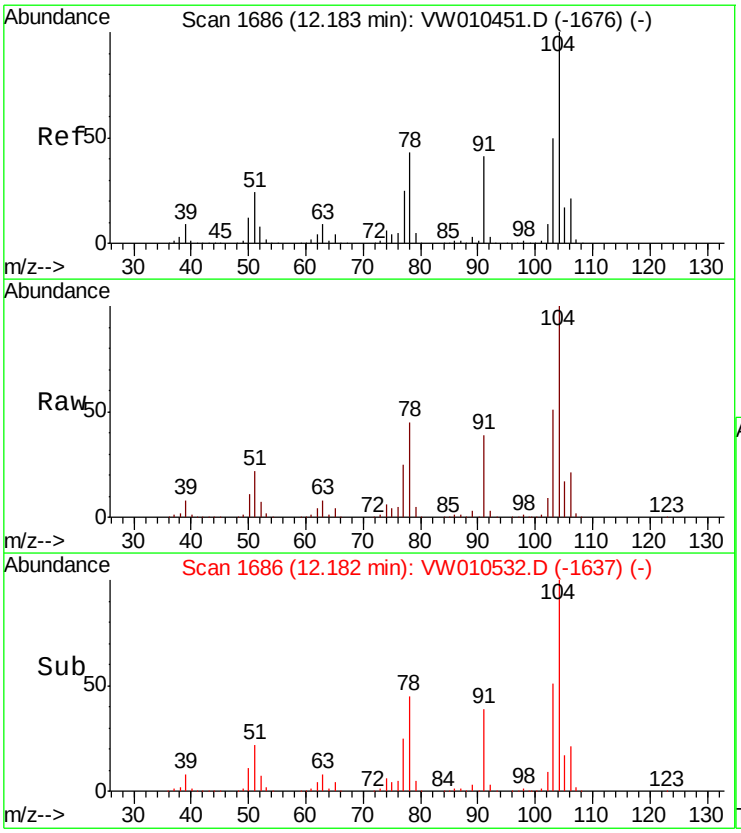

#69
o-Xylene
Concen: 41.549 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion:106 Resp: 116546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 202.3 | 103.2 | 309.4 |

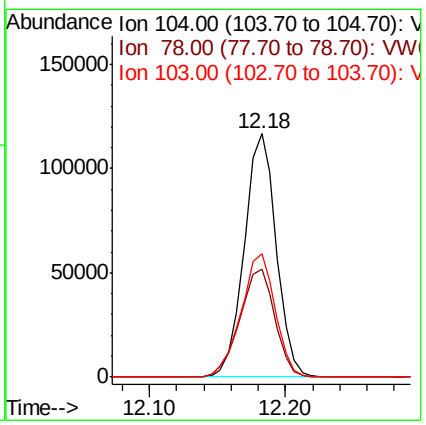


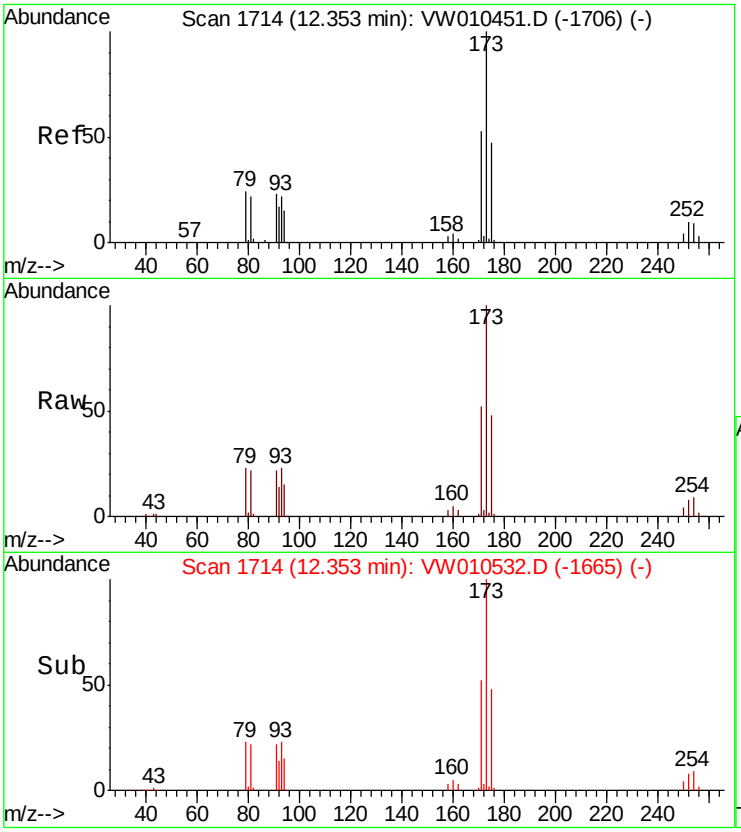




#70
Styrene
Concen: 40.352 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion:104 Resp: 192051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 48.9 | 39.0 | 58.4 |
| 103 | 54.1 | 43.0 | 64.6 |



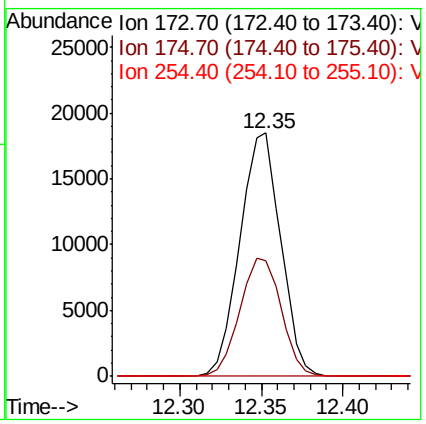


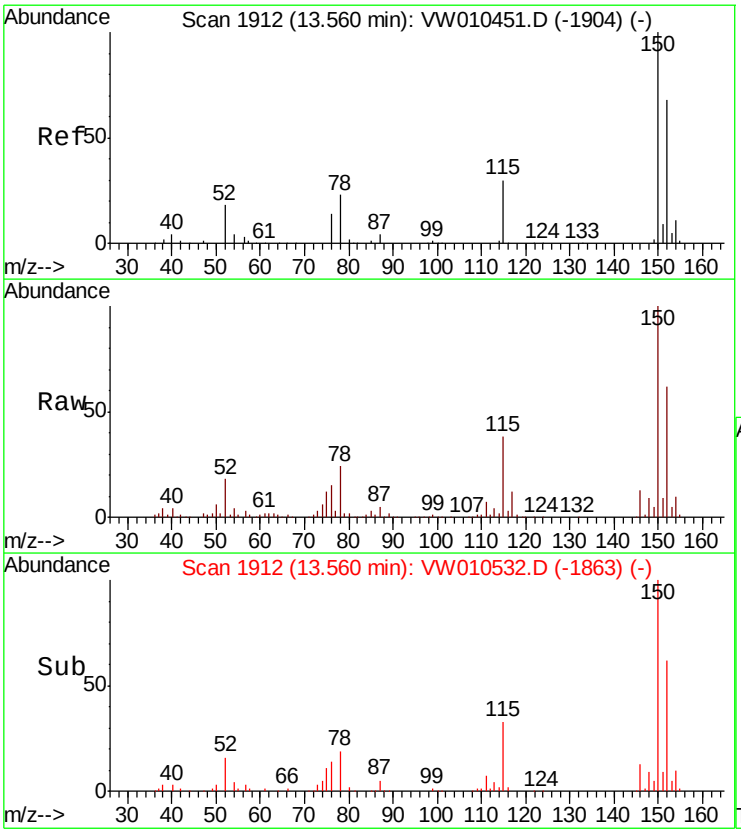

#71
Bromoform
Concen: 38.234 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion:173 Resp: 32246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 49.3 | 24.4 | 73.4 |
| 254 | 0.0 | 0.0 | 0.0 |

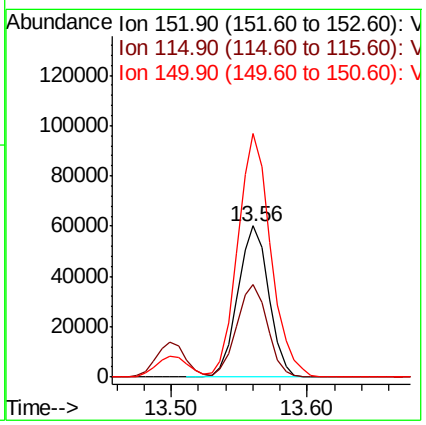


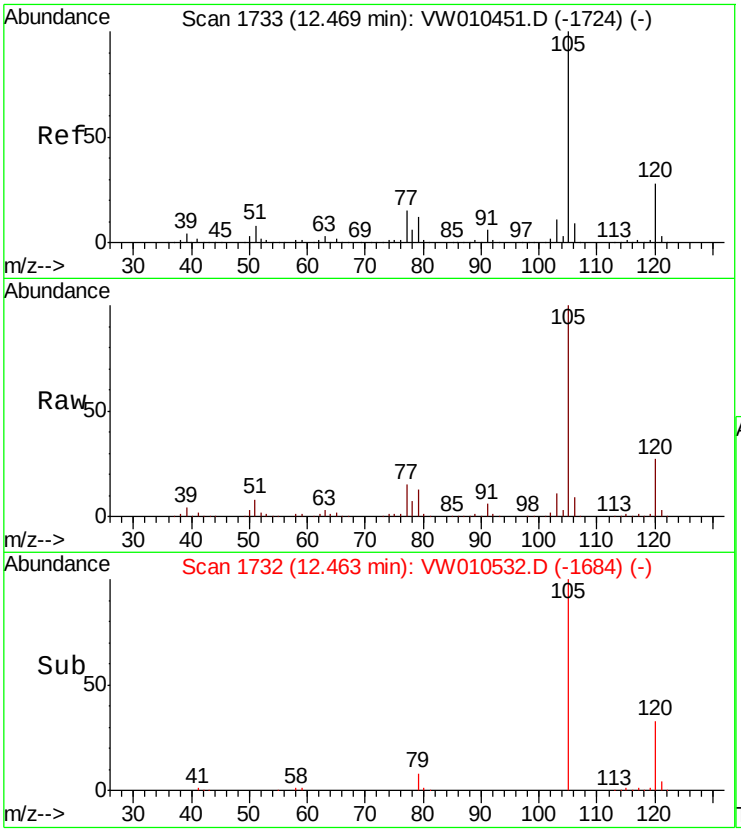




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion:152 Resp: 95363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 60.9 | 30.3 | 91.0 |
| 150 | 171.6 | 0.0 | 349.8 |



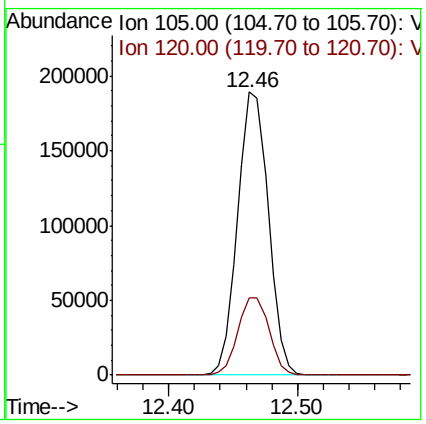


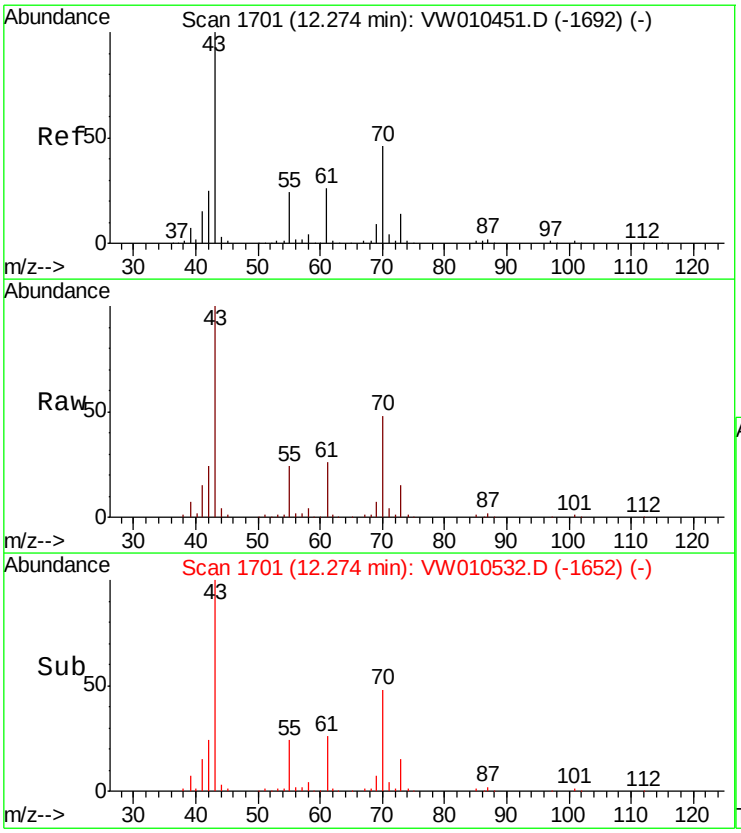

#73
Isopropylbenzene
Concen: 41.229 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion:105 Resp: 311991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 27.9 | 13.9 | 41.7 |

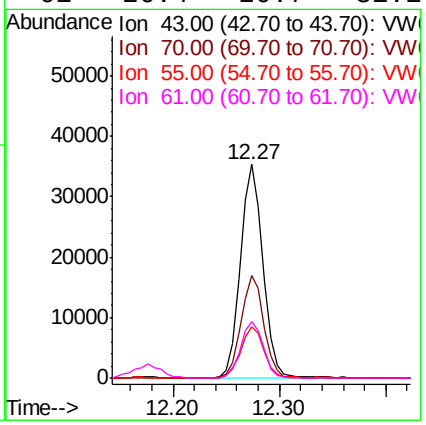


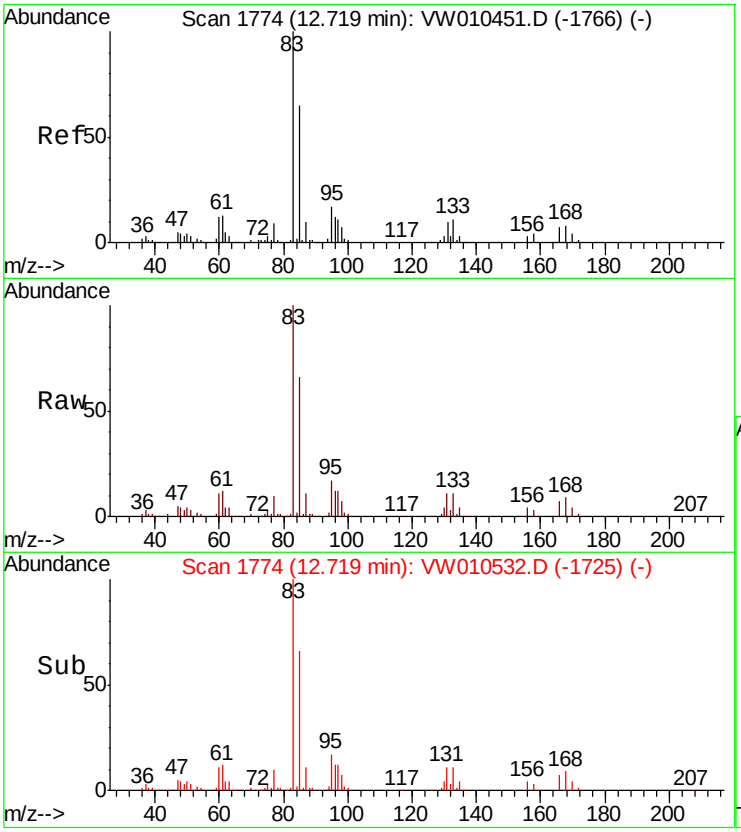




#74
N-amyl acetate
Concen: 30.331 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion: 43 Resp: 52597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 48.1 | 37.1 | 55.7 |
| 55 | 24.9 | 19.6 | 29.4 |
| 61 | 26.4 | 20.7 | 31.1 |



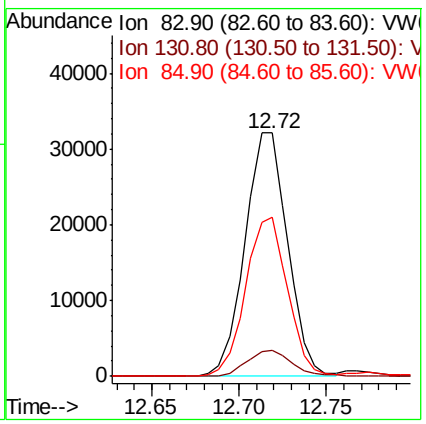


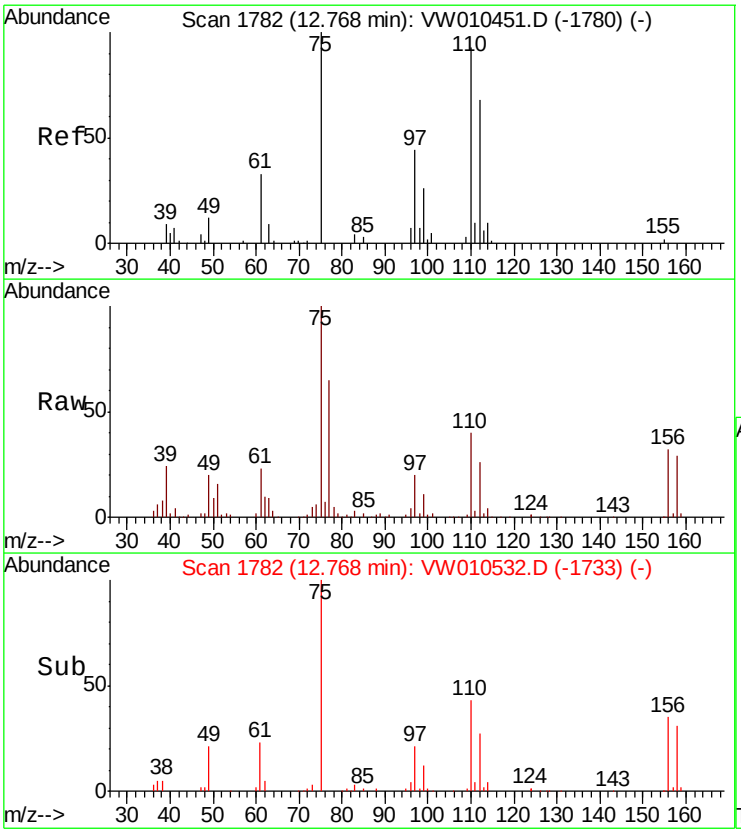

#75
1,1,2,2-Tetrachloroethane
Concen: 39.630 ug/l
RT: 12.72 min Scan# 1774
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion: 83 Resp: 54547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 11.4 | 5.6 | 16.8 |
| 85 | 64.0 | 32.4 | 97.0 |

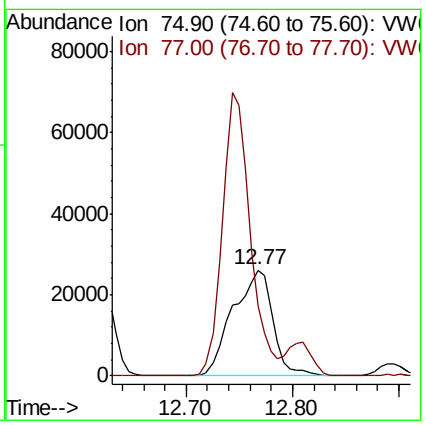


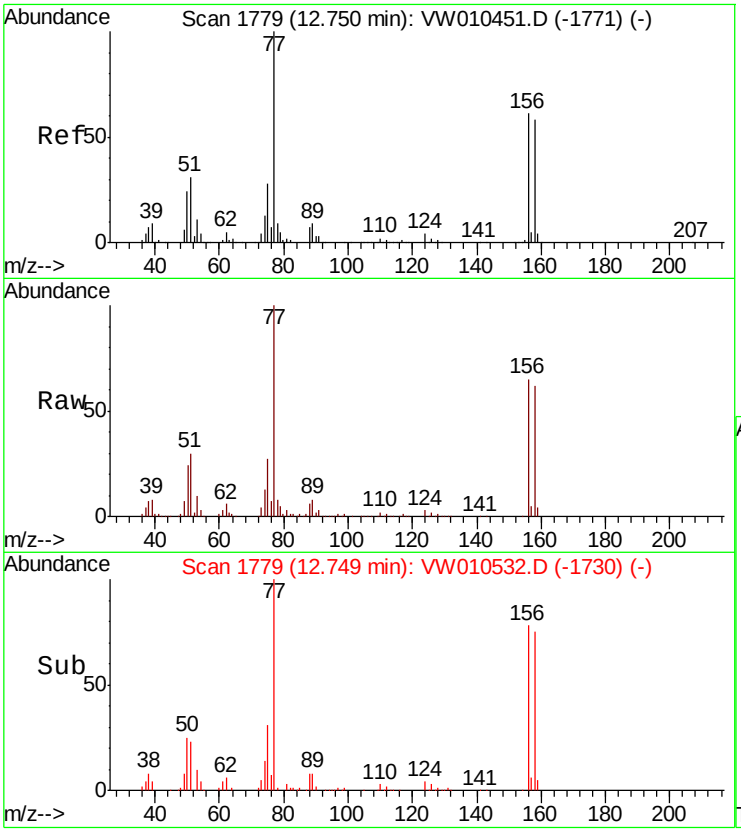




#76
1,2,3-Trichloropropane
Concen: 70.907 ug/l
RT: 12.77 min Scan# 1782
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion: 75 Resp: 68638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 0.0 | 170.0 | 510.1# |



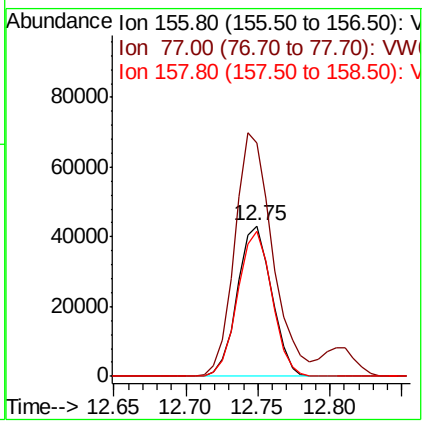


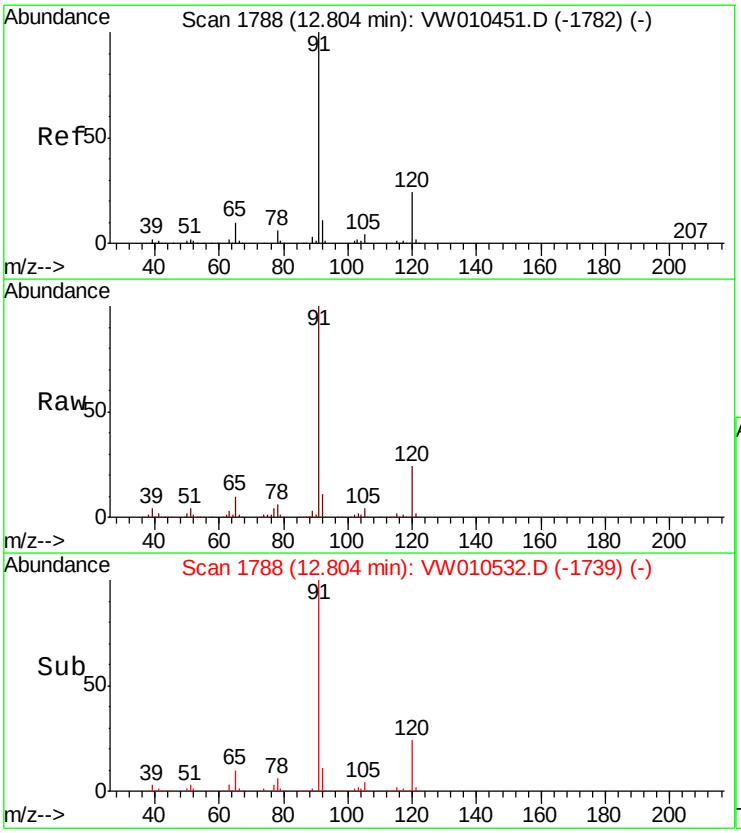

#77
Bromobenzene
Concen: 42.010 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion:156 Resp: 71141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 180.1 | 92.4 | 277.2 |
| 158 | 96.2 | 48.3 | 144.8 |

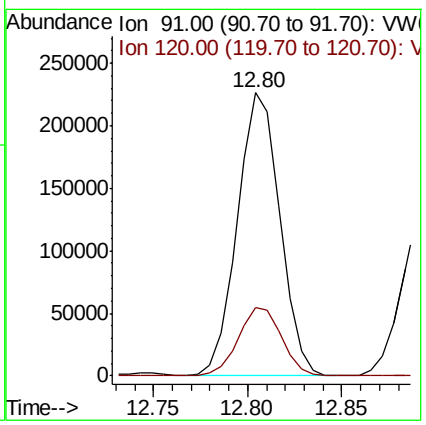


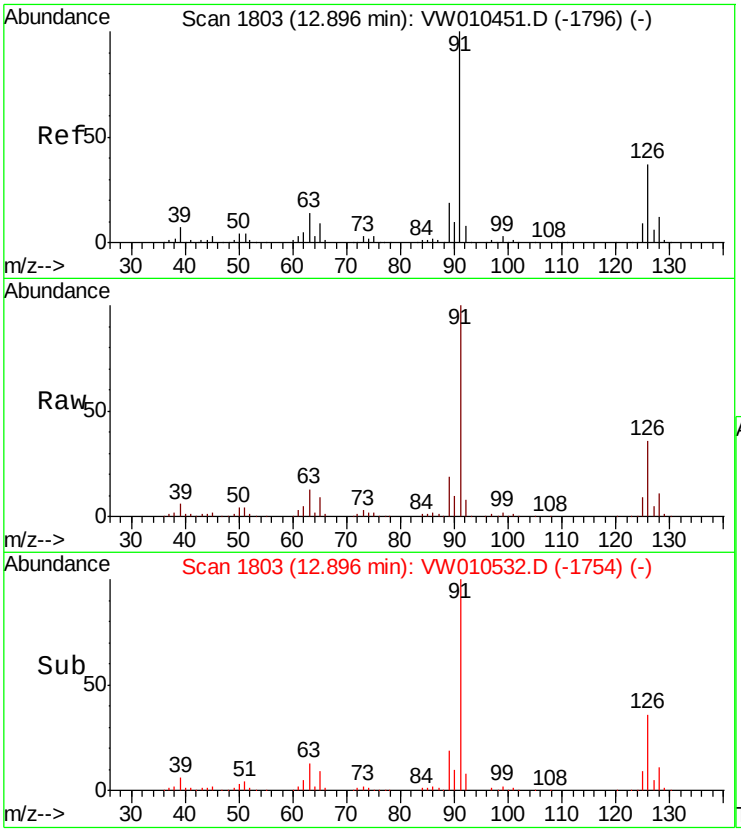




#78
n-propylbenzene
Concen: 40.050 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion: 91 Resp: 353198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 24.6 | 12.3 | 36.8 |



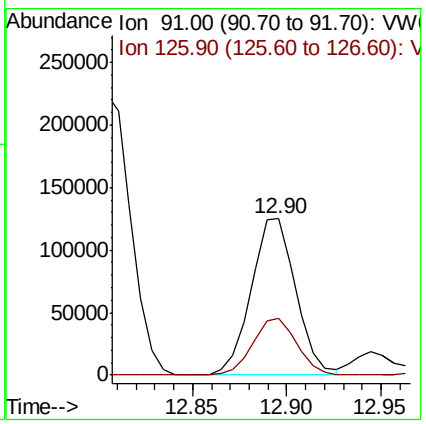


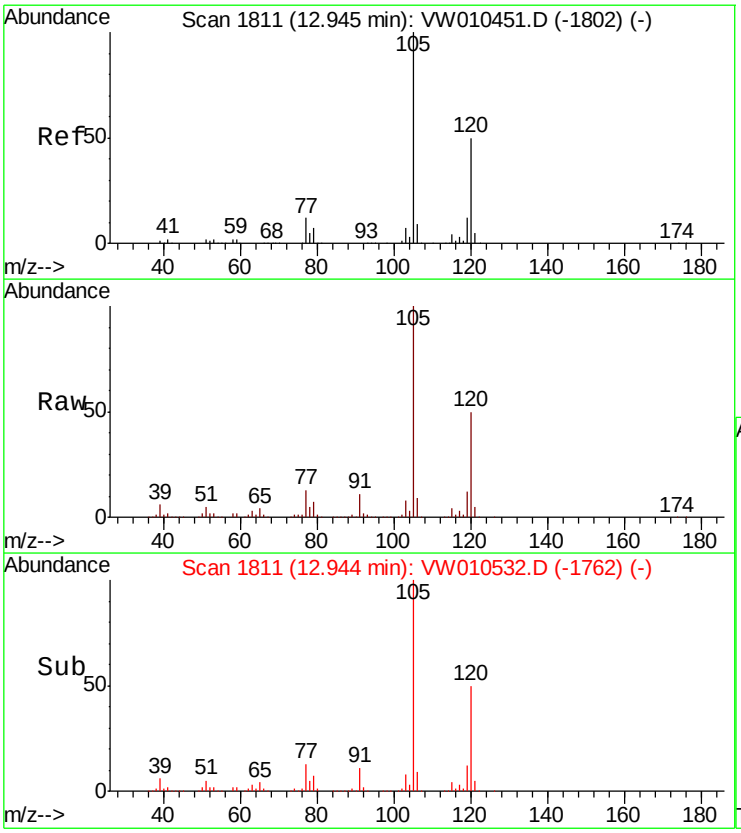

#79
2-Chlorotoluene
Concen: 40.151 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion: 91 Resp: 205340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 35.8 | 17.4 | 52.3 |

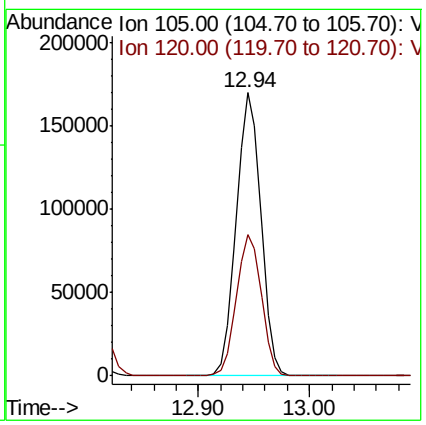


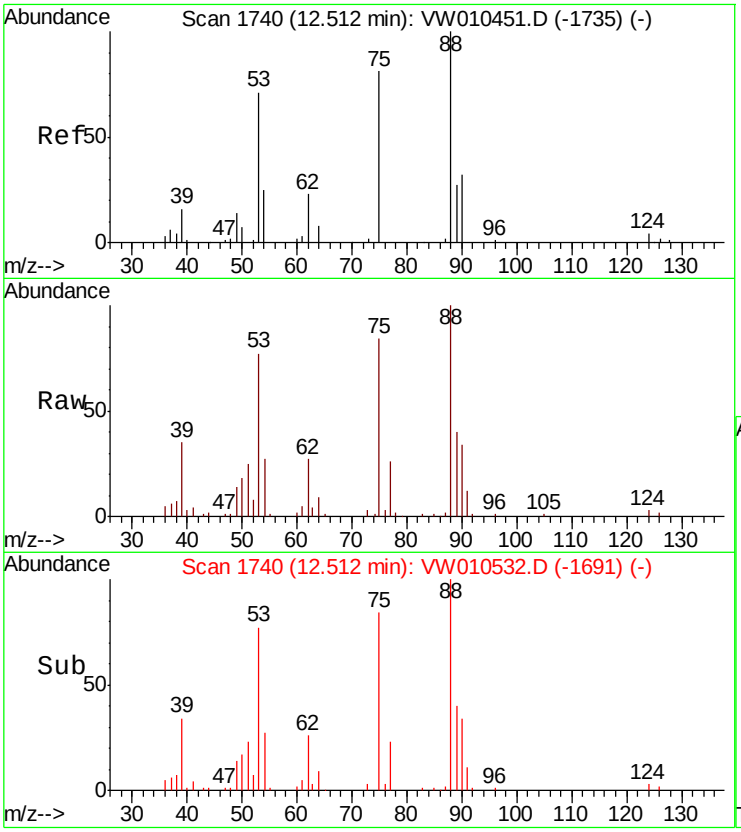




#80
1,3,5-Trimethylbenzene
Concen: 40.584 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion:105 Resp: 260110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 50.5 | 25.2 | 75.6 |



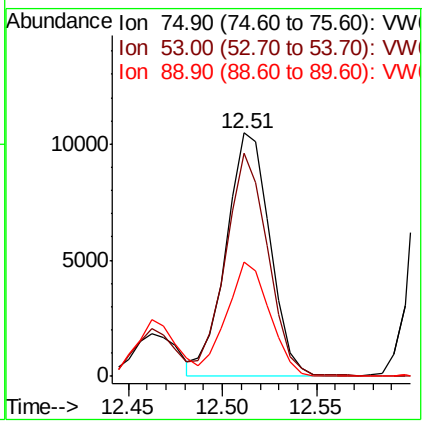


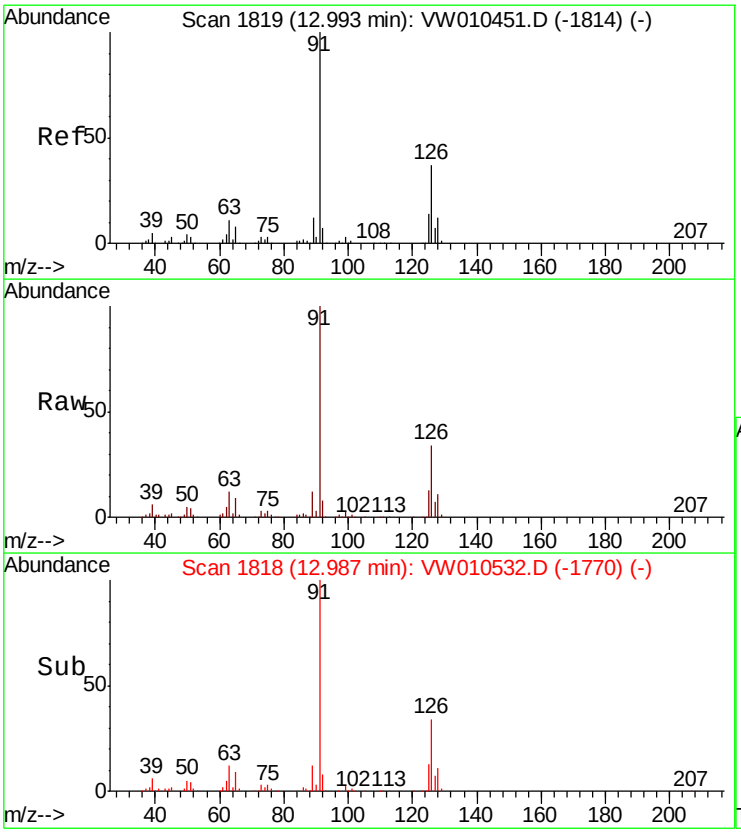

#81
trans-1,4-Dichloro-2-butene
Concen: 36.543 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion: 75 Resp: 16949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 89.1 | 69.8 | 104.8 |
| 89 | 46.1 | 39.5 | 59.3 |

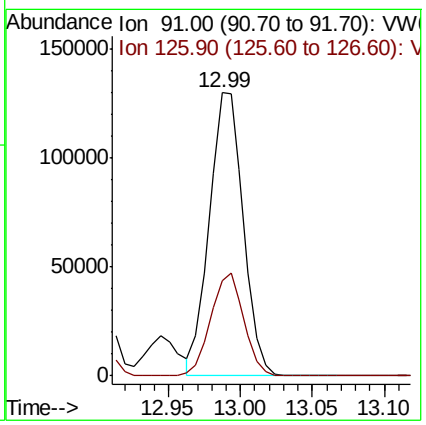


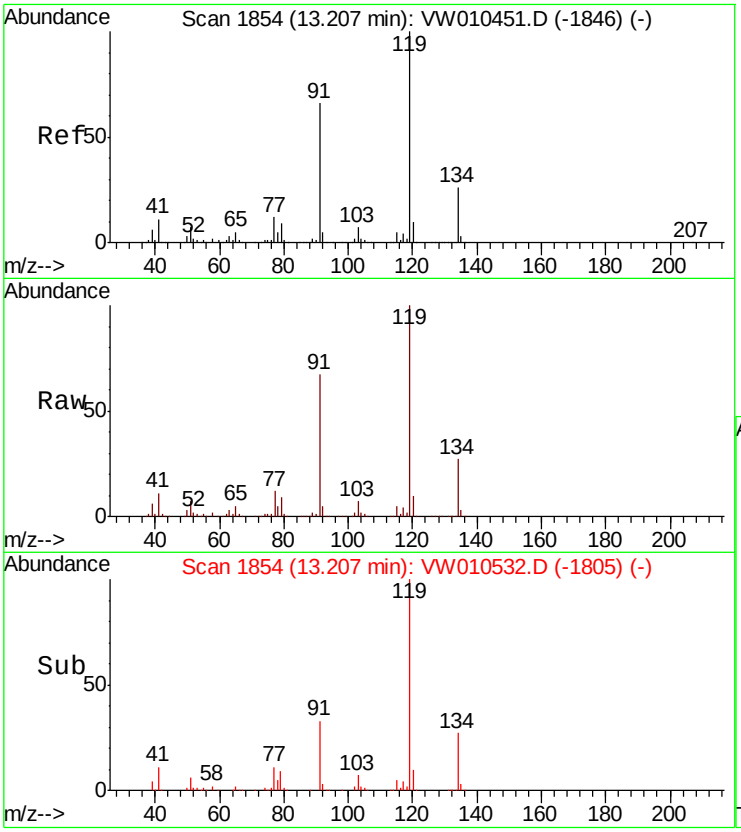




#82
4-Chlorotoluene
Concen: 40.179 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion: 91 Resp: 213287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 35.5 | 17.5 | 52.6 |



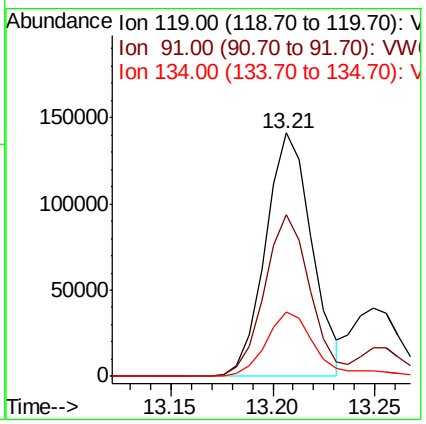


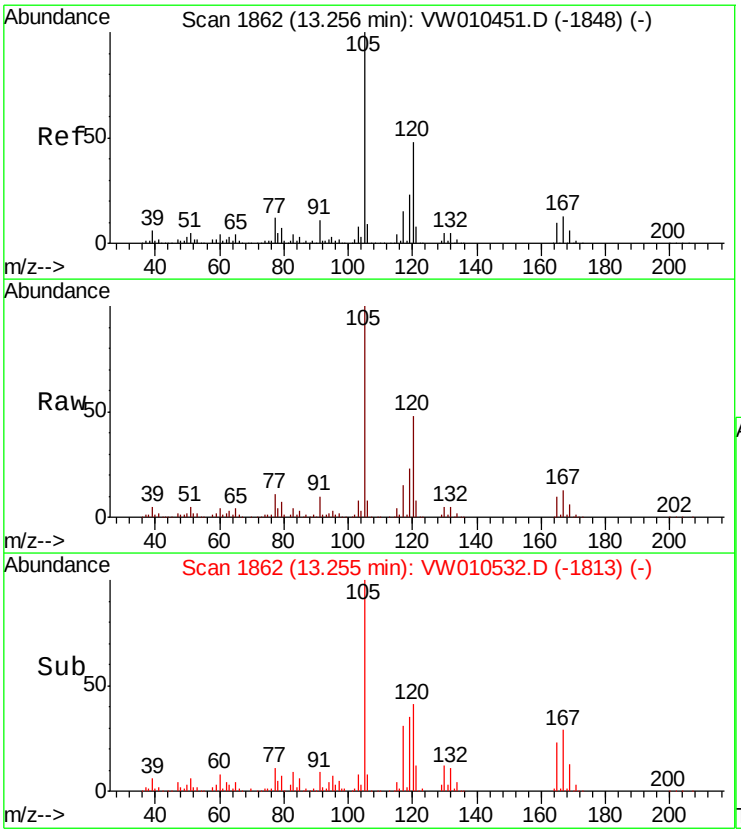

#83
tert-Butylbenzene
Concen: 39.974 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion:119 Resp: 223792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 65.9 | 33.1 | 99.5 |
| 134 | 28.6 | 13.9 | 41.6 |

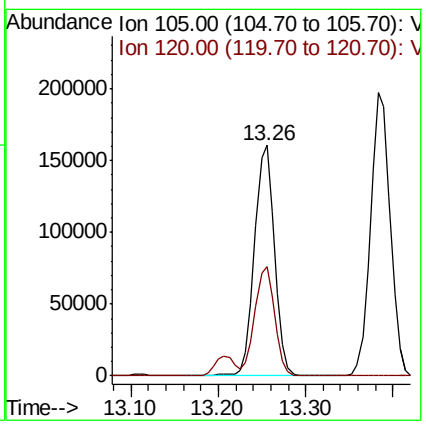


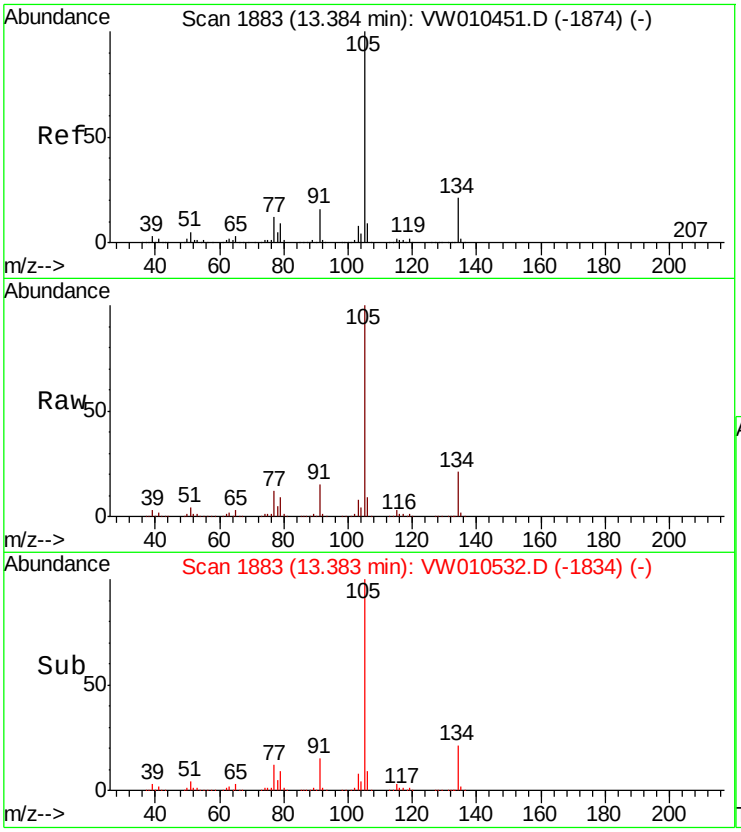




#84
1,2,4-Trimethylbenzene
Concen: 39.782 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion:105 Resp: 253939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 47.4 | 23.4 | 70.2 |



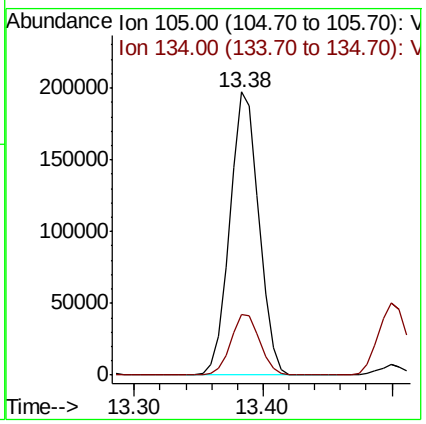


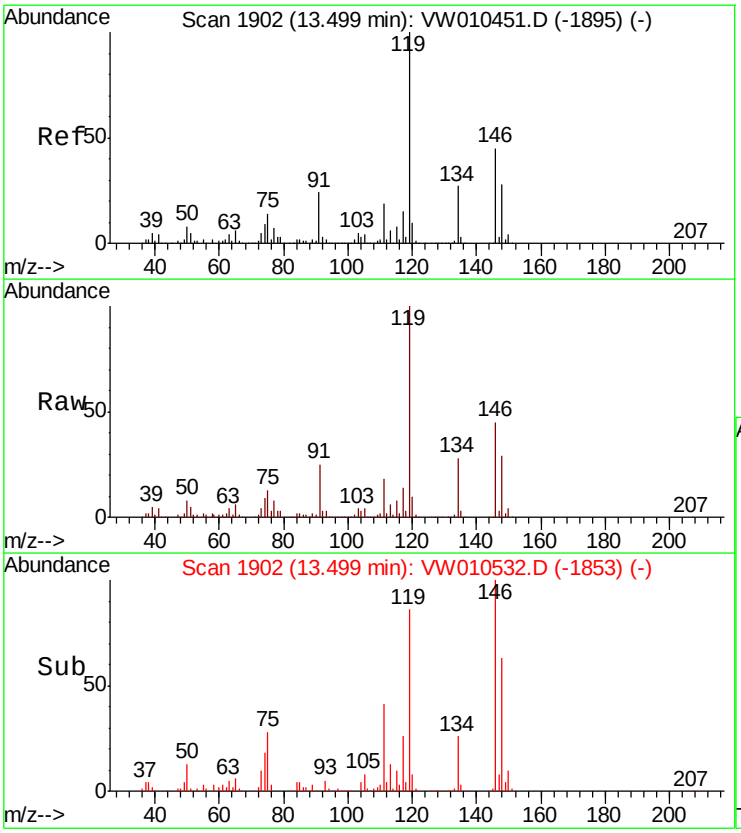

#85
sec-Butylbenzene
Concen: 39.487 ug/l
RT: 13.38 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion:105 Resp: 309361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 21.5 | 10.5 | 31.6 |

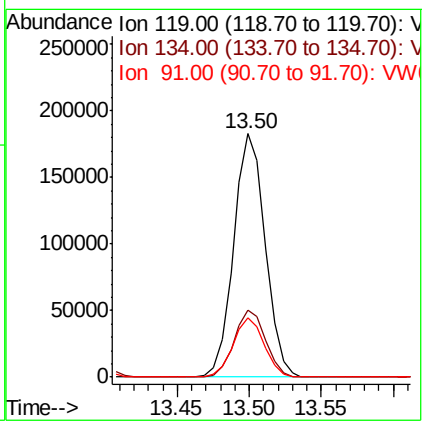


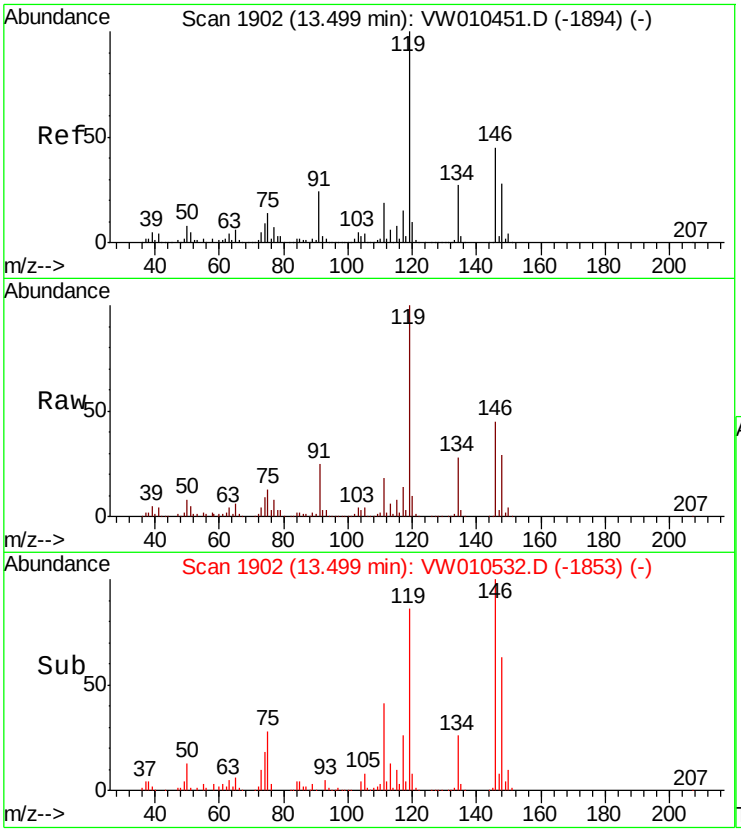




#86
p-Isopropyltoluene
Concen: 39.109 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion:119 Resp: 277336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 27.6 | 13.6 | 40.7 |
| 91 | 24.0 | 11.9 | 35.7 |



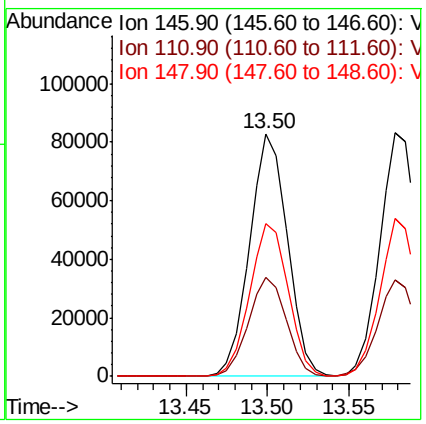


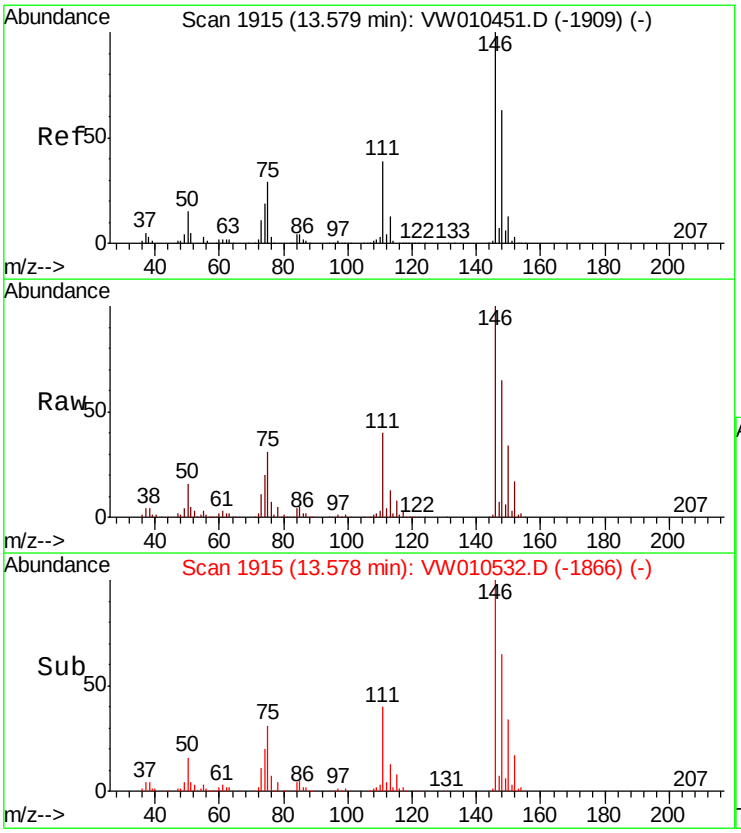

#87
1,3-Dichlorobenzene
Concen: 40.228 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion:146 Resp: 133653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.9 | 20.3 | 60.9 |
| 148 | 64.1 | 31.6 | 94.8 |

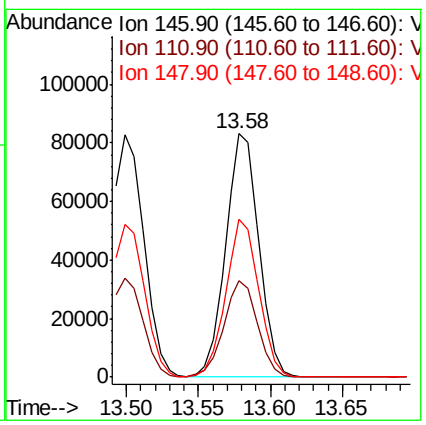


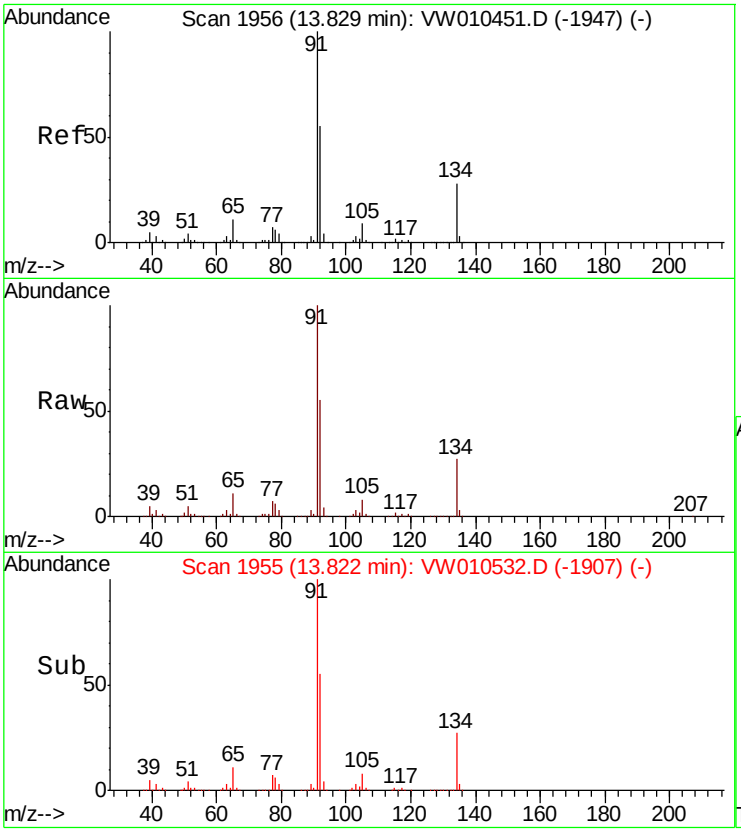




#88
1,4-Dichlorobenzene
Concen: 40.209 ug/l
RT: 13.58 min Scan# 1915
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion:146 Resp: 134036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.4 | 19.9 | 59.6 |
| 148 | 64.3 | 31.6 | 94.8 |



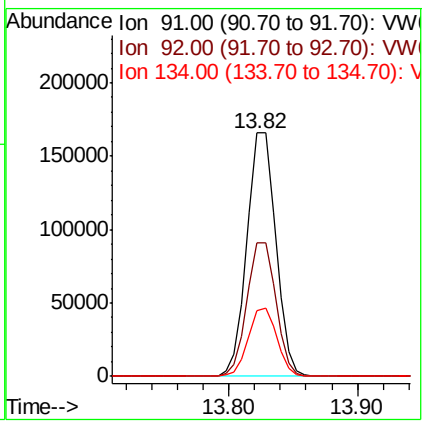


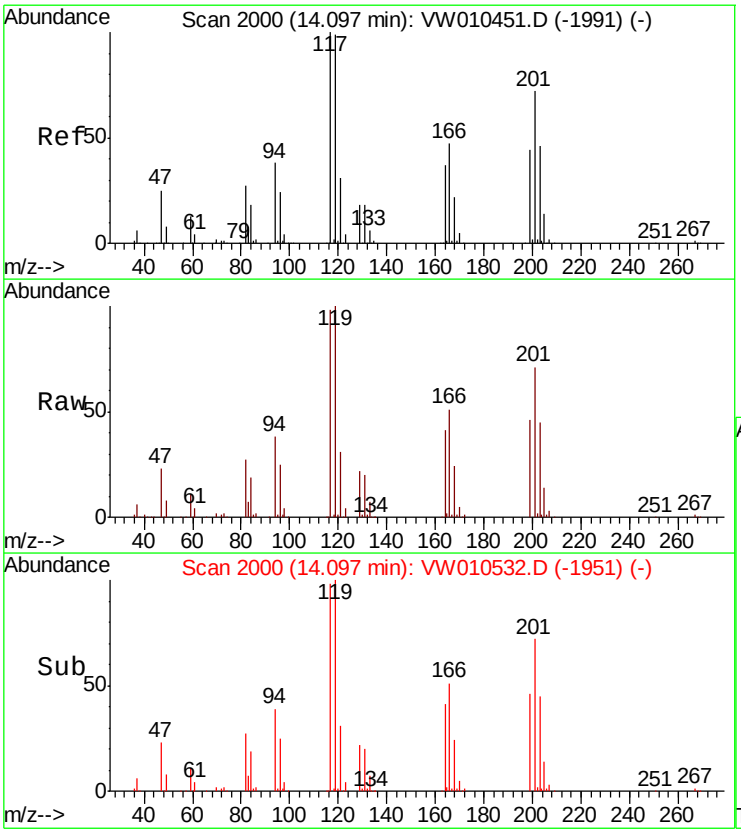

#89
n-Butylbenzene
Concen: 37.876 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.01 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion: 91 Resp: 255479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 55.4 | 27.7 | 83.1 |
| 134 | 27.8 | 13.9 | 41.6 |

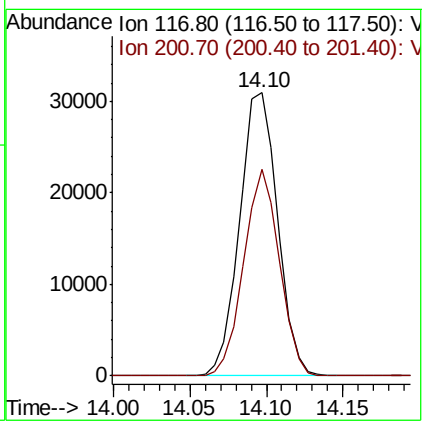


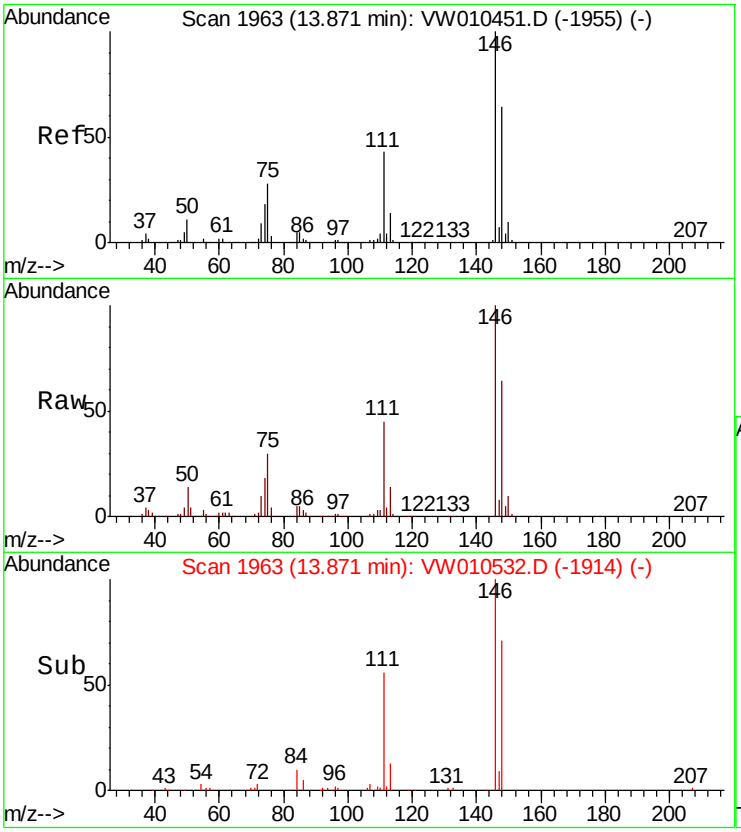




#90
Hexachloroethane
Concen: 38.858 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion:117 Resp: 53336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 68.8 | 34.6 | 103.8 |



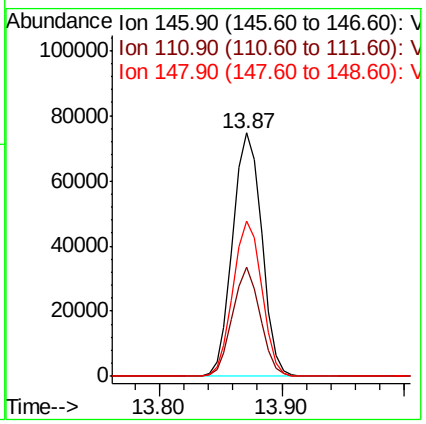


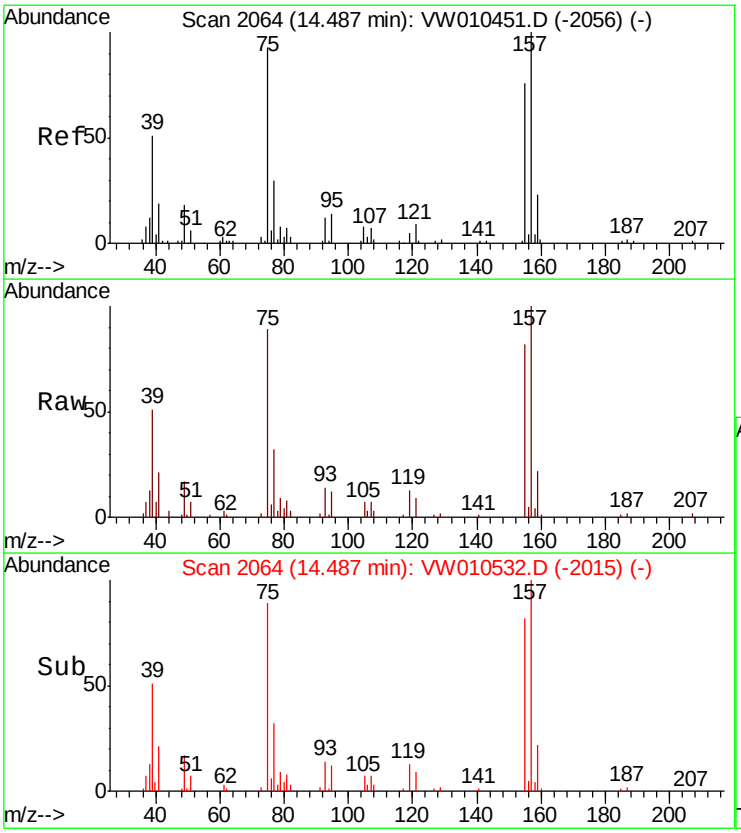

#91
1,2-Dichlorobenzene
Concen: 40.621 ug/l
RT: 13.87 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :** MSVOA_W
**ClientSampleId :** FESB-23(3-3.5)MSD

Tgt Ion:146 Resp: 122971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 42.5 | 21.3 | 64.0 |
| 148 | 63.2 | 32.0 | 96.0 |

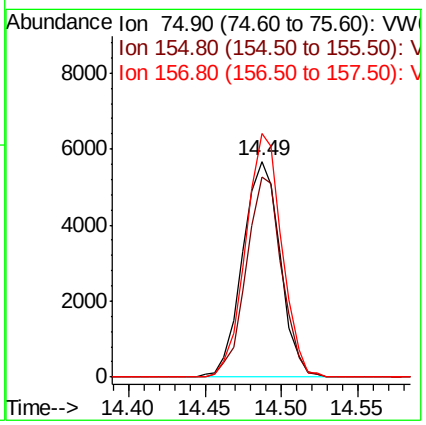


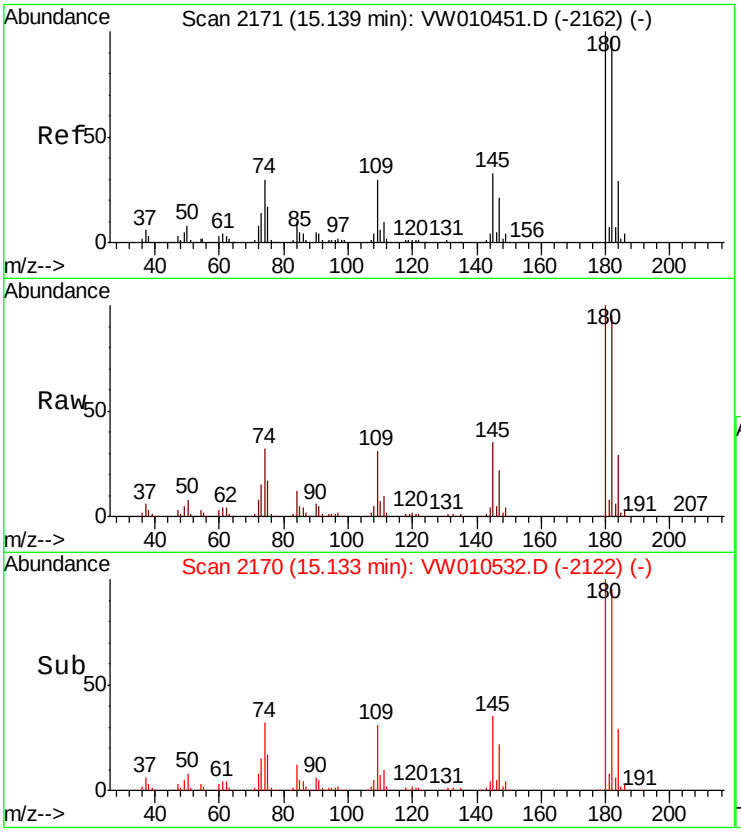




#92
1,2-Dibromo-3-Chloropropane
Concen: 37.854 ug/l
RT: 14.49 min Scan# 2064
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion: 75 Resp: 9688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 88.2 | 43.0 | 129.0 |
| 157 | 108.4 | 55.7 | 167.1 |



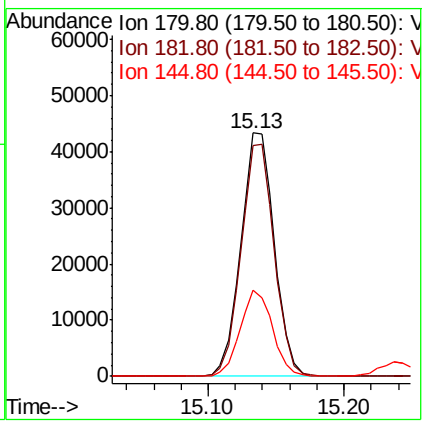


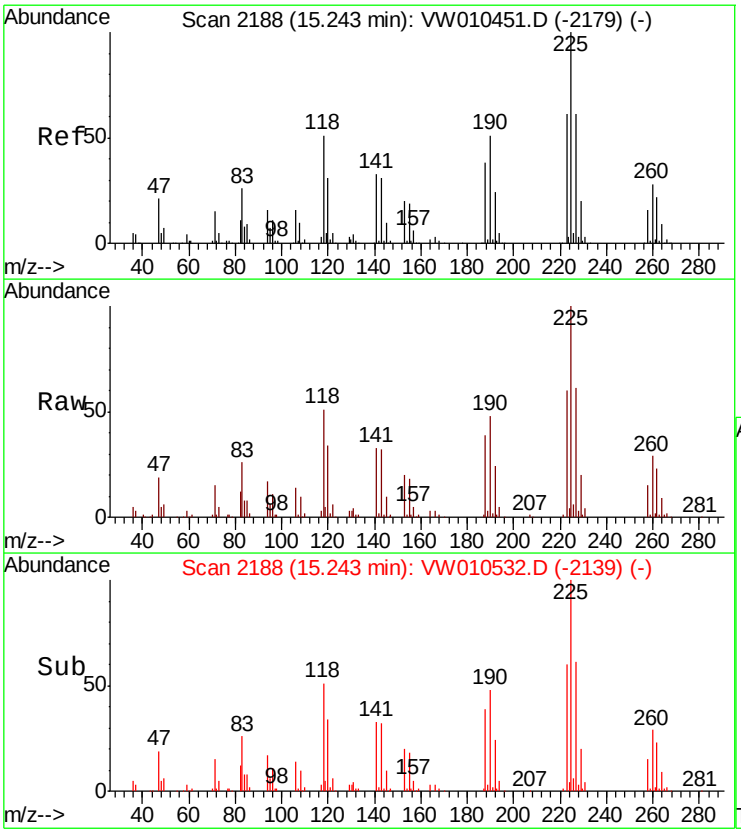

#93
1,2,4-Trichlorobenzene
Concen: 36.127 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. -0.01 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion:180 Resp: 74412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.5 | 47.0 | 141.2 |
| 145 | 34.0 | 16.7 | 50.0 |

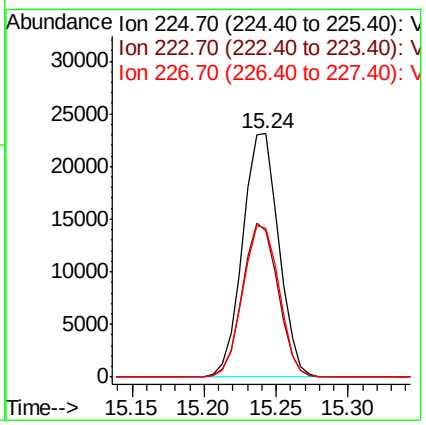


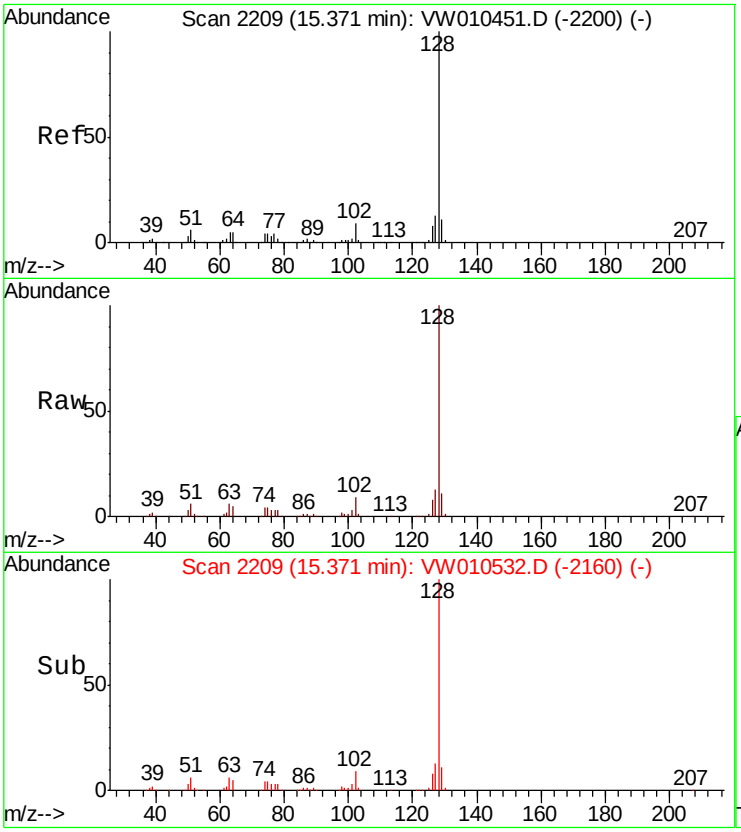




#94
Hexachlorobutadiene
Concen: 36.362 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion:225 Resp: 40011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.2 | 31.1 | 93.2 |
| 227 | 62.8 | 31.1 | 93.5 |



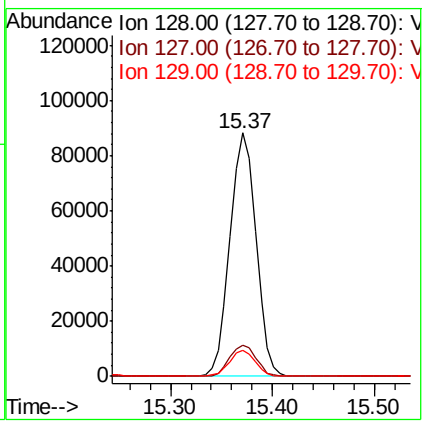


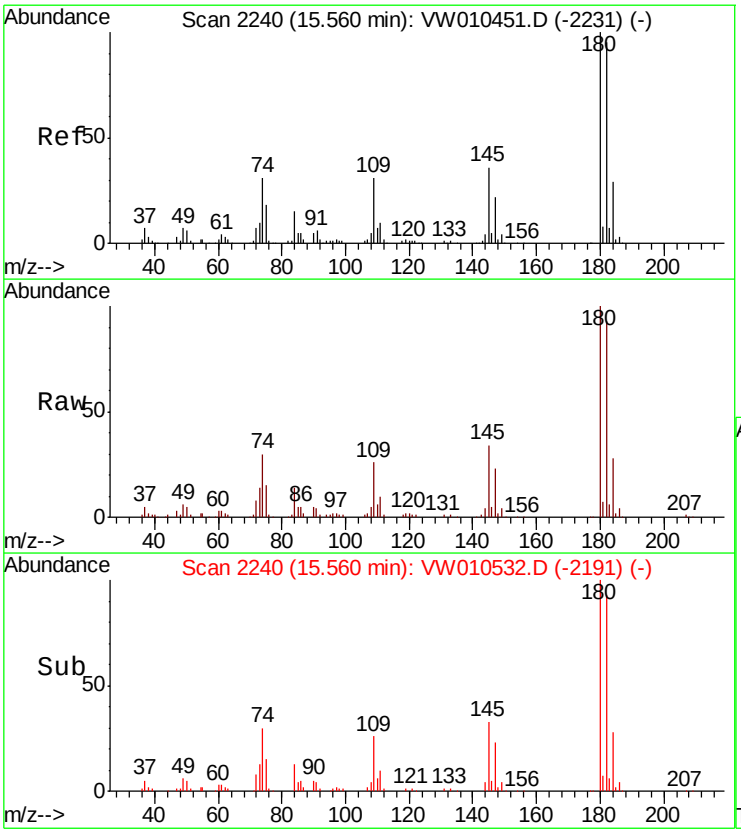

#95
Naphthalene
Concen: 36.122 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

**Instrument :**
MSVOA_W
**ClientSampleId :**
FESB-23(3-3.5)MSD

Tgt Ion:128 Resp: 156178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.1 | 10.6 | 15.8 |
| 129 | 10.5 | 8.9 | 13.3 |




#96
1,2,3-Trichlorobenzene
Concen: 35.728 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010532.D
Acq: 23 May 2019 16:15

Tgt Ion:180 Resp: 63322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.0 | 47.1 | 141.3 |
| 145 | 35.7 | 17.4 | 52.3 |