Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF043019\
Data File : VF062335.D
Acq On : 30 Apr 2019 15:59
Operator : FY/SY
Sample : K2617-01RE
Misc : 5.10g/5mL/MSVOA_F/SOIL
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** MSVOA_F
**ClientSampleId :**

Quant Time: May 01 02:53:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 25 08:40:59 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 5.04 | 168 | 9971 | 50.00 | ug/l | -0.03 |
| 34) 1,4-Difluorobenzene | 5.77 | 114 | 7495 | 50.00 | ug/l | -0.02 |
| 63) Chlorobenzene-d5 | 9.90 | 117 | 4597 | 50.00 | ug/l | -0.02 |
| 72) 1,4-Dichlorobenzene-d4 | 12.60 | 152 | 425 | 50.00 | ug/l | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.03 | 65 | 1296 | 16.05 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 32.10% | | | |
| 35) Dibromofluoromethane | 4.28 | 113 | 1677 | 30.18 | ug/l | -0.04 |
| Spiked Amount 50.000 | | | Recovery = 60.36% | | | |
| 50) Toluene-d8 | 7.71 | 98 | 5882 | 43.33 | ug/l | -0.02 |
| Spiked Amount 50.000 | | | Recovery = 86.66% | | | |
| 62) 4-Bromofluorobenzene | 11.48 | 95 | 1132 | 20.23 | ug/l | -0.03 |
| Spiked Amount 50.000 | | | Recovery = 40.46% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 3) Chloromethane | 1.14 | 50 | 407 | 4.077 | ug/l # | 55 |
| 4) Vinyl Chloride | 1.02 | 62 | 193 | 2.041 | ug/l # | 44 |
| 5) Bromomethane | 1.37 | 94 | 291 | 4.533 | ug/l # | 6 |
| 6) Chloroethane | 1.43 | 64 | 61 | 1.472 | ug/l # | 1 |
| 8) Diethyl Ether | 1.71 | 74 | 270 | 9.921 | ug/l | 47 |
| 11) Tert butyl alcohol | 2.70 | 59 | 224 | 45.848 | ug/l # | 71 |
| 12) 1,1-Dichloroethene | 1.88 | 96 | 186 | 2.211 | ug/l # | 1 |
| 13) Acrolein | 2.06 | 56 | 111 | 31.683 | ug/l # | 10 |
| 14) Allyl chloride | 2.17 | 41 | 625 | 6.827 | ug/l # | 1 |
| 15) Acrylonitrile | 3.05 | 53 | 350 | 25.865 | ug/l # | 46 |
| 16) Acetone | 2.33 | 43 | 351 | 19.410 | ug/l # | 56 |
| 18) Methyl Acetate | 2.43 | 43 | 391 | 9.185 | ug/l # | 65 |
| 19) Methyl tert-butyl Ether | 2.55 | 73 | 976 | 6.086 | ug/l # | 57 |
| 20) Methylene Chloride | 2.30 | 84 | 209 | Below Cal | # | 43 |
| 22) Diisopropyl ether | 2.91 | 45 | 618 | 2.508 | ug/l # | 43 |
| 23) Vinyl Acetate | 3.35 | 43 | 564 | 5.161 | ug/l # | 78 |
| 25) 2-Butanone | 4.51 | 43 | 677 | 23.611 | ug/l # | 57 |
| 26) 2,2-Dichloropropane | 3.71 | 77 | 301 | 4.121 | ug/l | 85 |
| 27) cis-1,2-Dichloroethene | 3.65 | 96 | 278 | 2.641 | ug/l # | 1 |
| 28) Bromochloromethane | 3.85 | 49 | 131 | 2.210 | ug/l # | 50 |
| 29) Tetrahydrofuran | 4.27 | 42 | 236 | 18.732 | ug/l # | 37 |
| 37) Ethyl Acetate | 4.29 | 43 | 281 | 9.660 | ug/l # | 1 |
| 38) Carbon Tetrachloride | 4.10 | 117 | 83 | 1.181 | ug/l # | 12 |
| 40) Benzene | 4.81 | 78 | 523 | 3.131 | ug/l # | 86 |
| 41) Methacrylonitrile | 4.91 | 41 | 403 | 24.937 | ug/l # | 37 |
| 42) 1,2-Dichloroethane | 5.14 | 62 | 140 | 2.645 | ug/l # | 76 |
| 43) Isopropyl Acetate | 7.08 | 43 | 354 | 11.714 | ug/l # | 77 |
| 45) 1,2-Dichloropropane | 6.63 | 63 | 131 | 3.478 | ug/l # | 45 |
| 46) Dibromomethane | 6.34 | 93 | 64 | 2.353 | ug/l # | 1 |
| 47) Bromodichloromethane | 6.56 | 83 | 66 | 1.032 | ug/l # | 23 |
| 48) Methyl methacrylate | 6.88 | 41 | 578 | 27.120 | ug/l # | 43 |
| 49) 1,4-Dioxane | 7.04 | 88 | 60 | 244.483 | ug/l # | 1 |
| 51) 4-Methyl-2-Pentanone | 8.40 | 43 | 229 | 9.991 | ug/l # | 51 |
| 52) Toluene | 7.77 | 92 | 665 | 6.898 | ug/l | 88 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF043019\
Data File : VF062335.D
Acq On : 30 Apr 2019 15:59
Operator : FY/SY
Sample : K2617-01RE
Misc : 5.10g/5mL/MSVOA_F/SOIL
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** MSVOA_F
**ClientSampleId :**

Quant Time: May 01 02:53:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 25 08:40:59 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 53) t-1,3-Dichloropropene | 8.42 | 75 | 158 | 3.360 | ug/l | # | 41 |
| 54) cis-1,3-Dichloropropene | 7.48 | 75 | 141 | 2.341 | ug/l | # | 1 |
| 55) 1,1,2-Trichloroethane | 8.63 | 97 | 97 | 3.543 | ug/l | # | 14 |
| 56) Ethyl methacrylate | 8.73 | 69 | 188 | 6.250 | ug/l | # | 1 |
| 57) 1,3-Dichloropropane | 8.99 | 76 | 59 | 1.371 | ug/l | # | 1 |
| 58) 2-Chloroethyl Vinyl ether | 7.47 | 63 | 62 | 6.774 | ug/l | # | 1 |
| 59) 2-Hexanone | 9.70 | 43 | 348 | 11.324 | ug/l | | 100 |
| 60) Dibromochloromethane | 9.03 | 129 | 72 | 1.620 | ug/l | # | 11 |
| 61) 1,2-Dibromoethane | 9.08 | 107 | 153 | 4.828 | ug/l | # | 40 |
| 64) Tetrachloroethene | 8.32 | 164 | 77 | 2.003 | ug/l | # | 1 |
| 65) Chlorobenzene | 9.92 | 112 | 571 | 6.797 | ug/l | # | 41 |
| 66) 1,1,1,2-Tetrachloroethane | 10.05 | 131 | 81 | 2.047 | ug/l | # | 1 |
| 67) Ethyl Benzene | 10.02 | 91 | 1580 | 10.819 | ug/l | | 98 |
| 68) m/p-Xylenes | 10.26 | 106 | 874 | 16.074 | ug/l | | 77 |
| 69) o-Xylene | 10.81 | 106 | 483 | 7.951 | ug/l | | 67 |
| 70) Styrene | 10.88 | 104 | 539 | 6.138 | ug/l | # | 76 |
| 73) Isopropylbenzene | 11.19 | 105 | 1611 | 55.325 | ug/l | | 96 |
| 74) N-amyl acetate | 11.48 | 43 | 421 | 62.749 | ug/l | # | 47 |
| 75) 1,1,2,2-Tetrachloroethane | 11.87 | 83 | 64 | 13.834 | ug/l | # | 58 |
| 76) 1,2,3-Trichloropropane | 11.83 | 75 | 66 | 20.108 | ug/l | # | 100 |
| 77) Bromobenzene | 11.57 | 156 | 231 | 31.733 | ug/l | # | 45 |
| 78) n-propylbenzene | 11.66 | 91 | 1500 | 48.957 | ug/l | | 93 |
| 79) 2-Chlorotoluene | 11.79 | 91 | 1083 | 58.682 | ug/l | # | 50 |
| 80) 1,3,5-Trimethylbenzene | 11.88 | 105 | 591 | 24.042 | ug/l | # | 52 |
| 81) trans-1,4-Dichloro-2-buten | 11.94 | 75 | 338 | 230.376 | ug/l | # | 7 |
| 82) 4-Chlorotoluene | 12.08 | 91 | 271 | 14.840 | ug/l | | 82 |
| 83) tert-Butylbenzene | 12.18 | 119 | 889 | 35.239 | ug/l | | 74 |
| 84) 1,2,4-Trimethylbenzene | 12.25 | 105 | 513 | 21.547 | ug/l | | 78 |
| 85) sec-Butylbenzene | 12.36 | 105 | 1046 | 33.289 | ug/l | # | 70 |
| 86) p-Isopropyltoluene | 12.52 | 119 | 961 | 34.113 | ug/l | | 89 |
| 87) 1,3-Dichlorobenzene | 12.54 | 146 | 415 | 32.224 | ug/l | # | 65 |
| 88) 1,4-Dichlorobenzene | 12.62 | 146 | 159 | 13.021 | ug/l | # | 77 |
| 89) n-Butylbenzene | 12.90 | 91 | 104 | 4.063 | ug/l | # | 78 |
| 90) Hexachloroethane | 12.97 | 117 | 416 | 58.910 | ug/l | | 99 |
| 91) 1,2-Dichlorobenzene | 12.99 | 146 | 241 | 19.495 | ug/l | # | 24 |
| 92) 1,2-Dibromo-3-Chloropropan | 13.70 | 75 | 63 | 67.504 | ug/l | # | 34 |
| 94) Hexachlorobutadiene | 14.21 | 225 | 134 | 17.157 | ug/l | # | 51 |
| 95) Naphthalene | 14.48 | 128 | 251 | 14.918 | ug/l | # | 69 |
| 96) 1,2,3-Trichlorobenzene | 14.63 | 180 | 72 | 7.010 | ug/l | # | 11 |

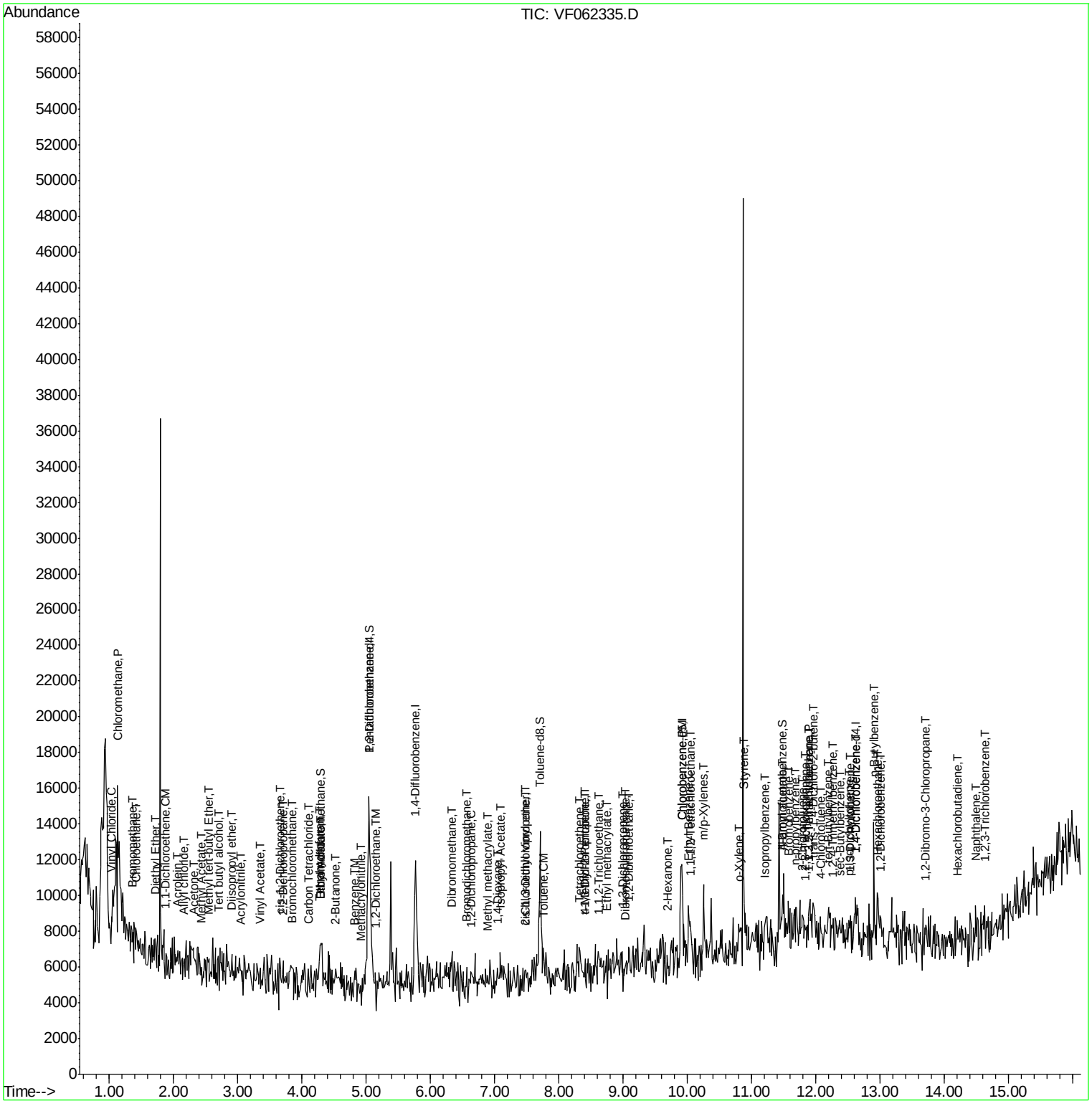
(#) = qualifier out of range (m) = manual integration (+) = signals summed

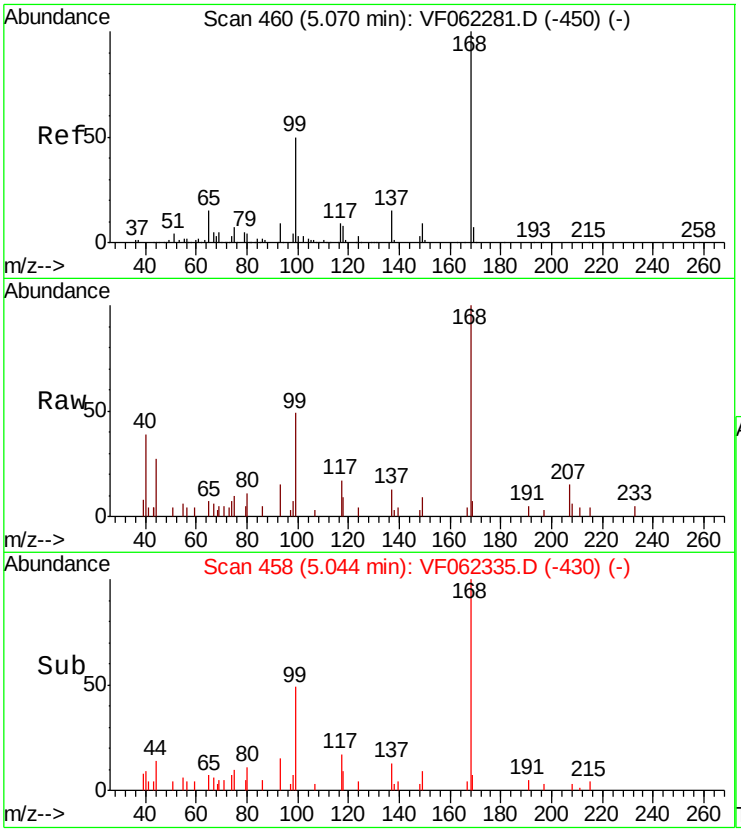
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF043019\
Data File : VF062335.D
Acq On : 30 Apr 2019 15:59
Operator : FY/SY
Sample : K2617-01RE
Misc : 5.10g/5mL/MSVOA_F/SOIL
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
MSVOA_F
**ClientSampleId :**

Quant Time: May 01 02:53:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 25 08:40:59 2019
Response via : Initial Calibration



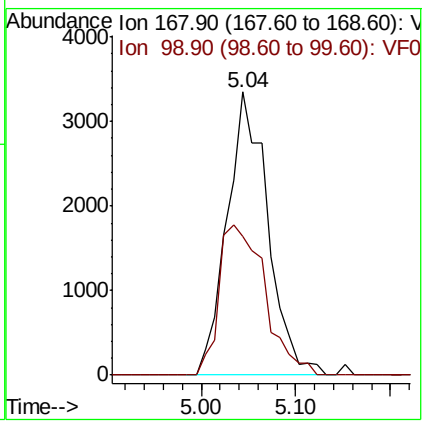


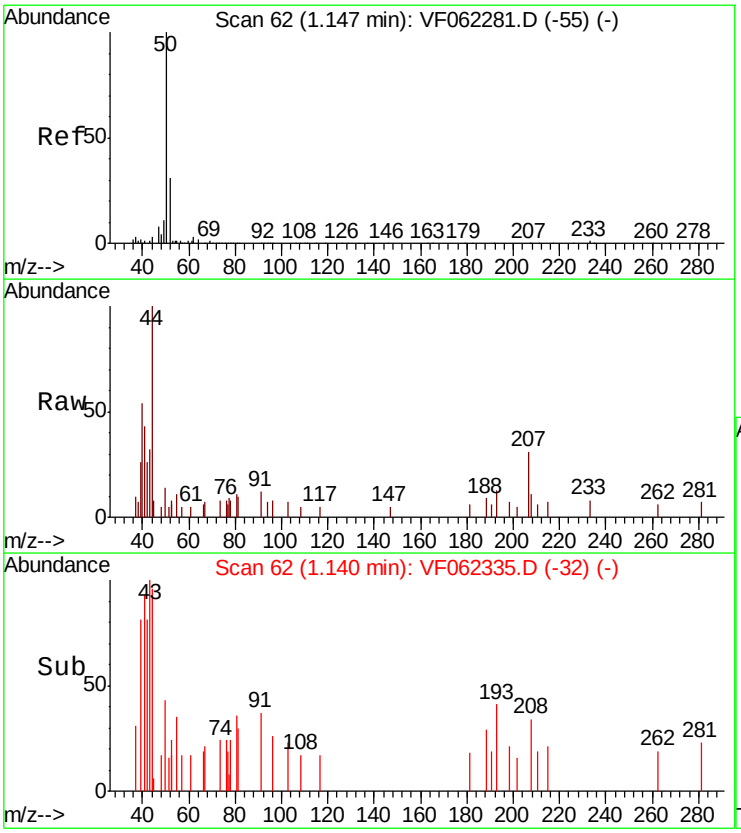

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.04 min Scan# 458
Delta R.T. -0.03 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :**
MSVOA_F
**ClientSampleId :**

Tgt Ion:168 Resp: 9971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 48.8 | 40.0 | 60.0 |

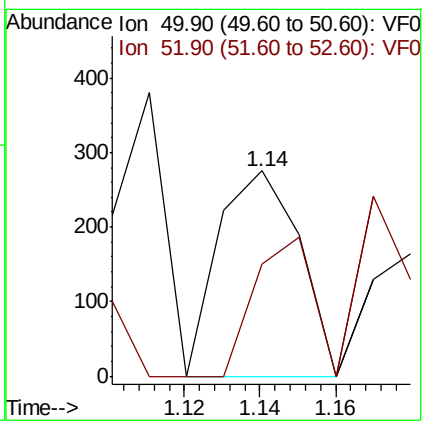


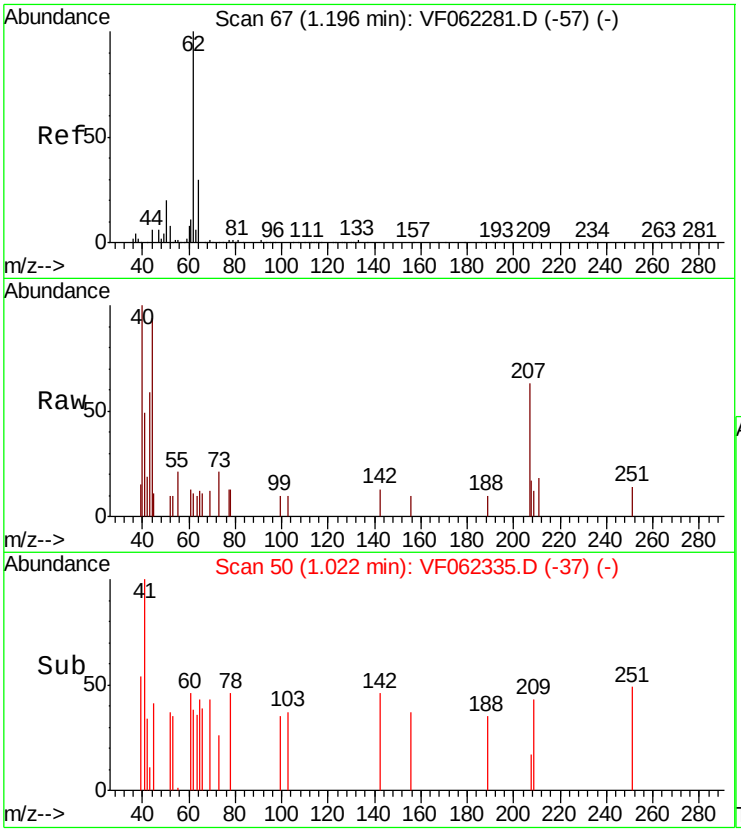




#3
Chloromethane
Concen: 4.077 ug/l
RT: 1.14 min Scan# 62
Delta R.T. -0.01 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion: 50 Resp: 407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 54.9 | 24.2 | 36.4# |



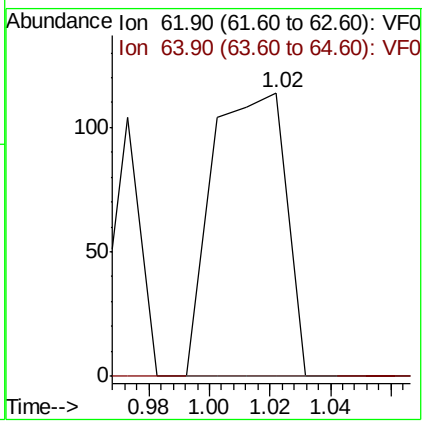


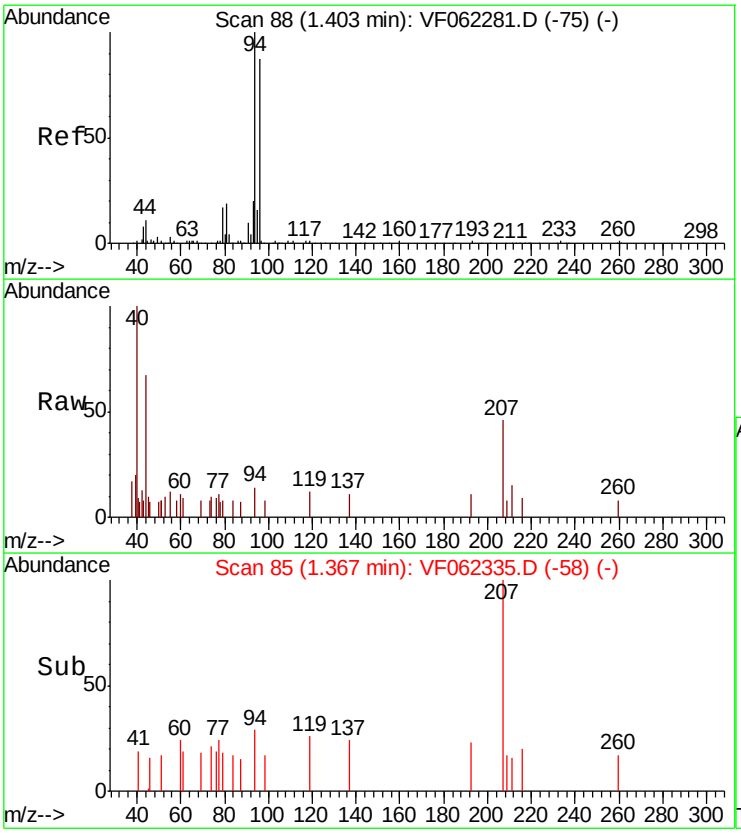

#4
Vinyl Chloride
Concen: 2.041 ug/l
RT: 1.02 min Scan# 50
Delta R.T. -0.17 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :**
MSVOA_F
**ClientSampleId :**

Tgt Ion: 62 Resp: 193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 0.0 | 24.3 | 36.5# |

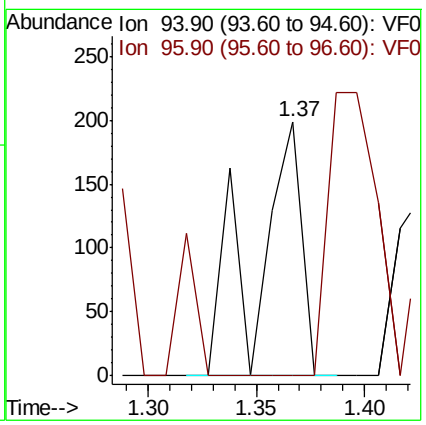


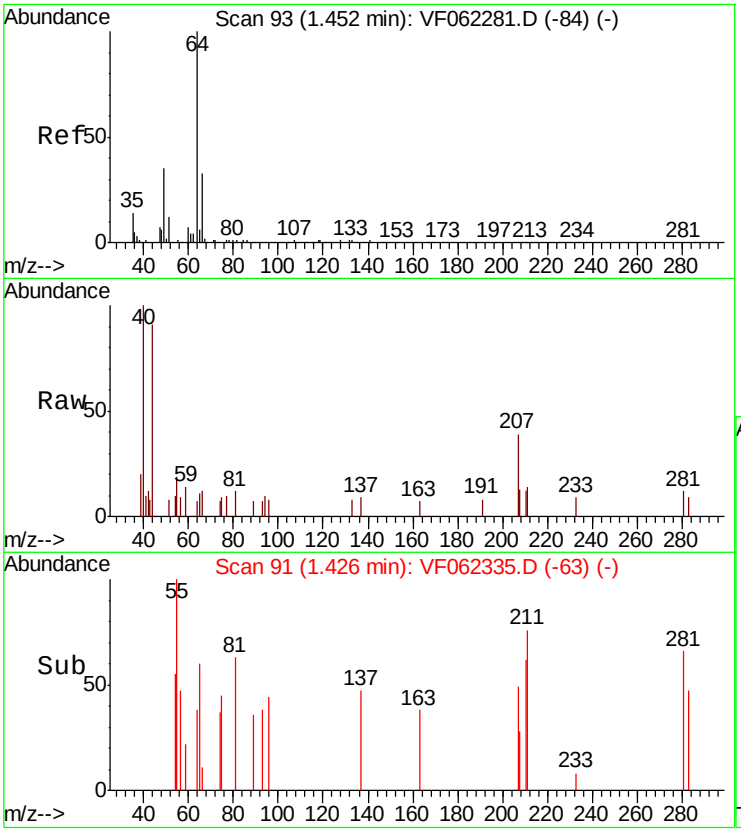




#5
Bromomethane
Concen: 4.533 ug/l
RT: 1.37 min Scan# 85
Delta R.T. -0.04 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion: 94 Resp: 291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 0.0 | 69.5 | 104.3# |



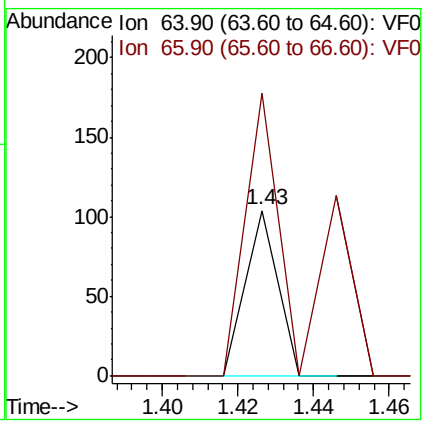


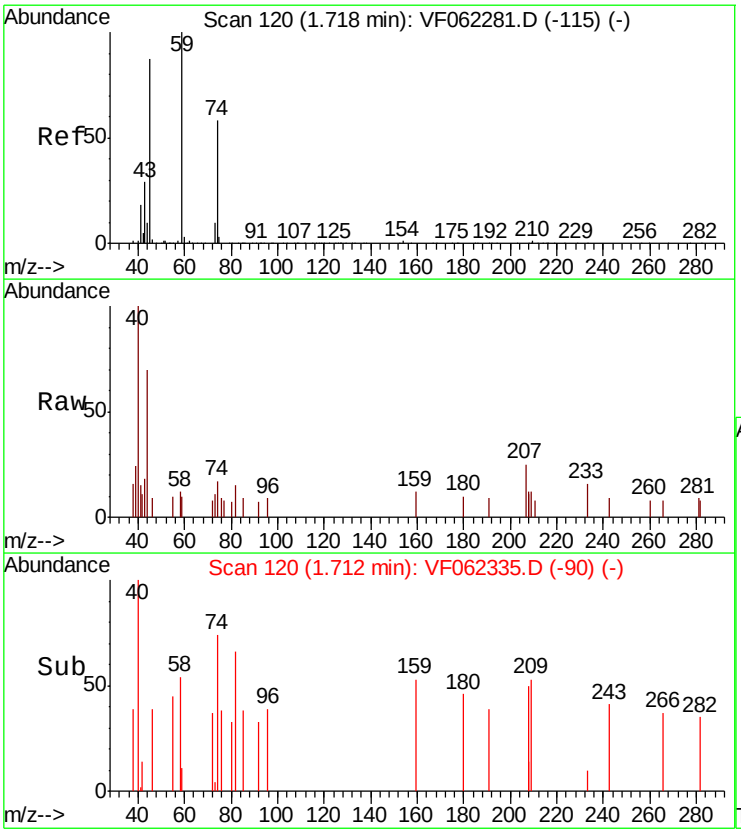

#6
Chloroethane
Concen: 1.472 ug/l
RT: 1.43 min Scan# 91
Delta R.T. -0.03 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :**
MSVOA_F
**ClientSampleId :**

Tgt Ion: 64 Resp: 61

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 171.2 | 26.0 | 39.0# |

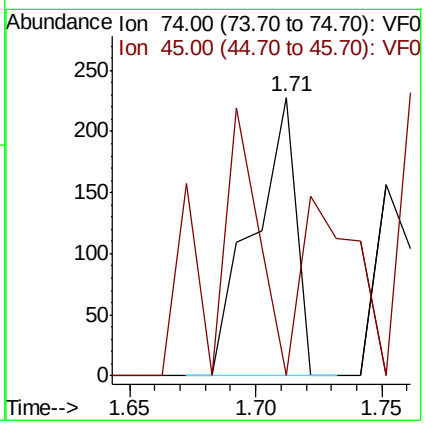


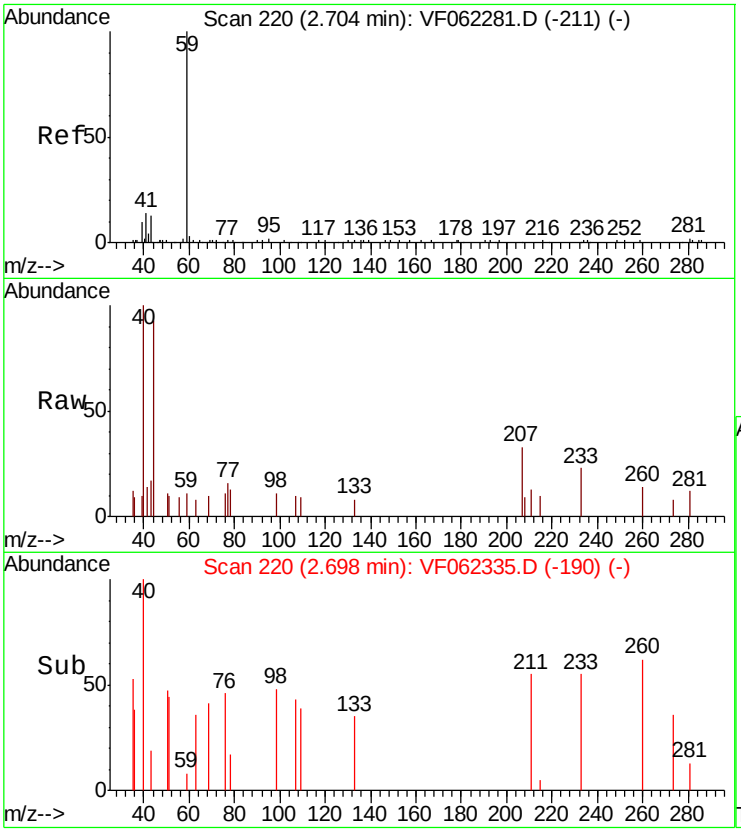




#8
Diethyl Ether
Concen: 9.921 ug/l
RT: 1.71 min Scan# 120
Delta R.T. -0.01 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion: 74 Resp: 270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 81.1 | 74.0 | 222.0 |



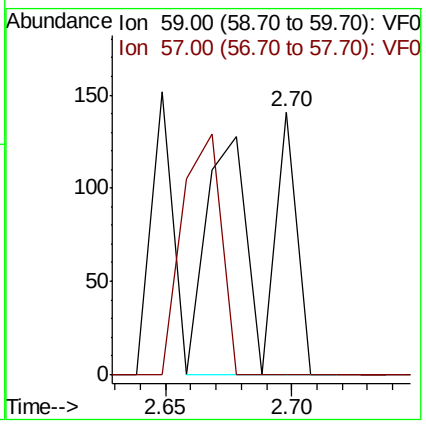


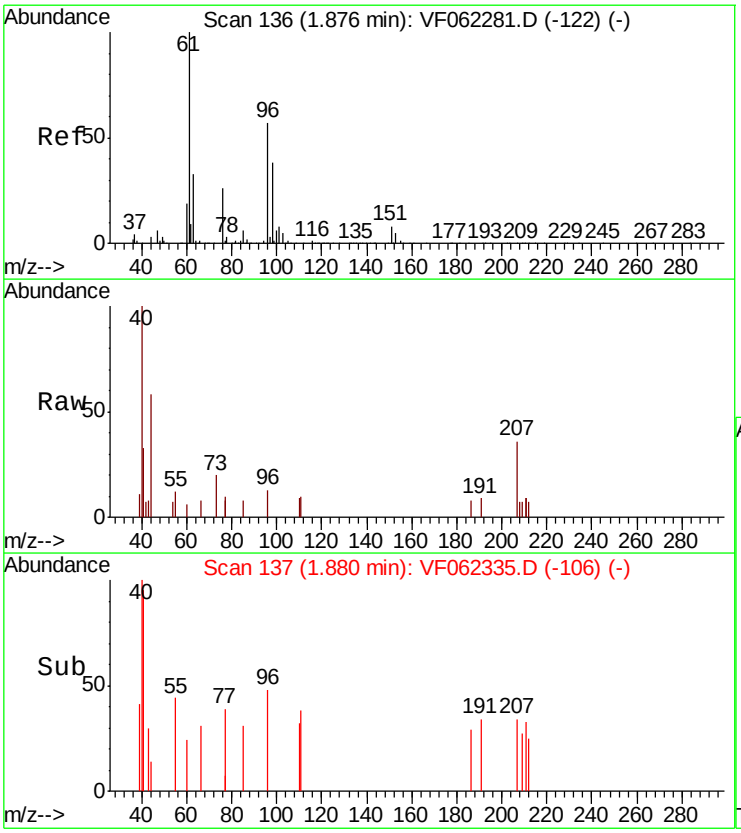

#11
Tert butyl alcohol
Concen: 45.848 ug/l
RT: 2.70 min Scan# 220
Delta R.T. -0.01 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :**
MSVOA_F
**ClientSampleId :**

Tgt Ion: 59 Resp: 224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.8 | 13.2# |

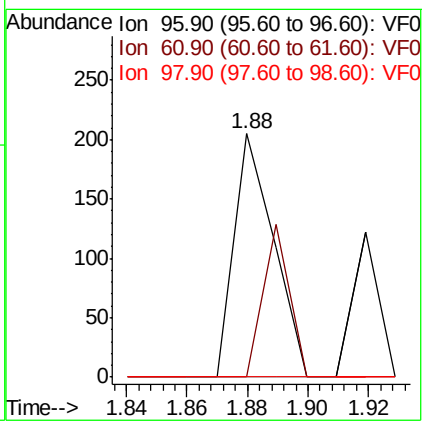


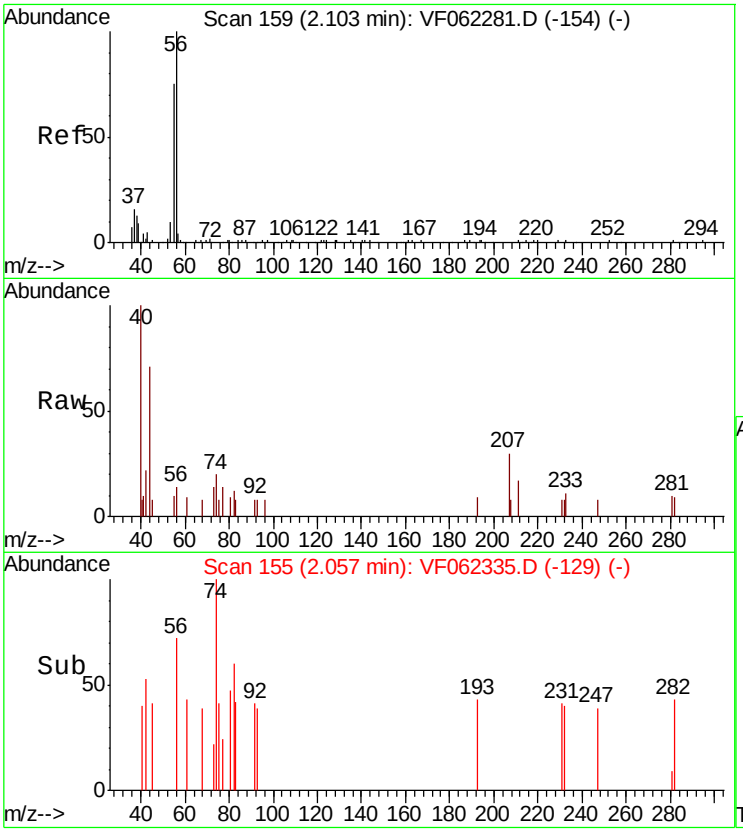




#12
1,1-Dichloroethene
Concen: 2.211 ug/l
RT: 1.88 min Scan# 137
Delta R.T. 0.00 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion: 96 Resp: 186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 0.0 | 141.1 | 211.7# |
| 98 | 0.0 | 53.4 | 80.0# |



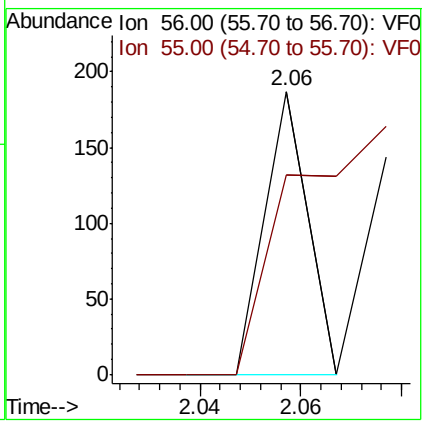


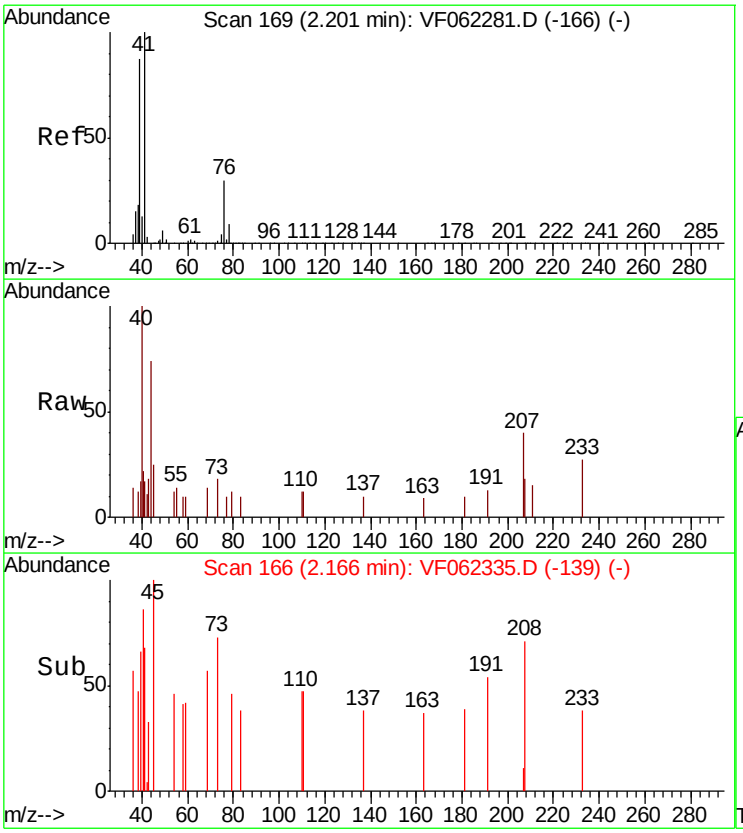

#13
Acrolein
Concen: 31.683 ug/l
RT: 2.06 min Scan# 155
Delta R.T. -0.04 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :**
MSVOA_F
**ClientSampleId :**

Tgt Ion: 56 Resp: 111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 0.0 | 62.3 | 93.5# |

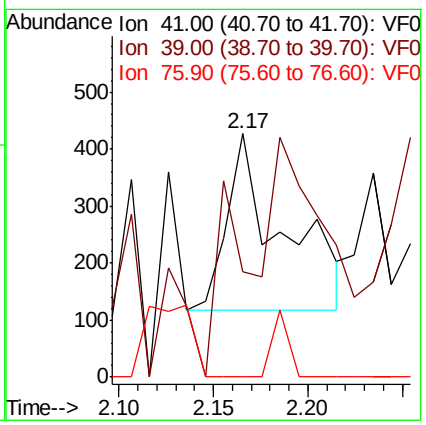


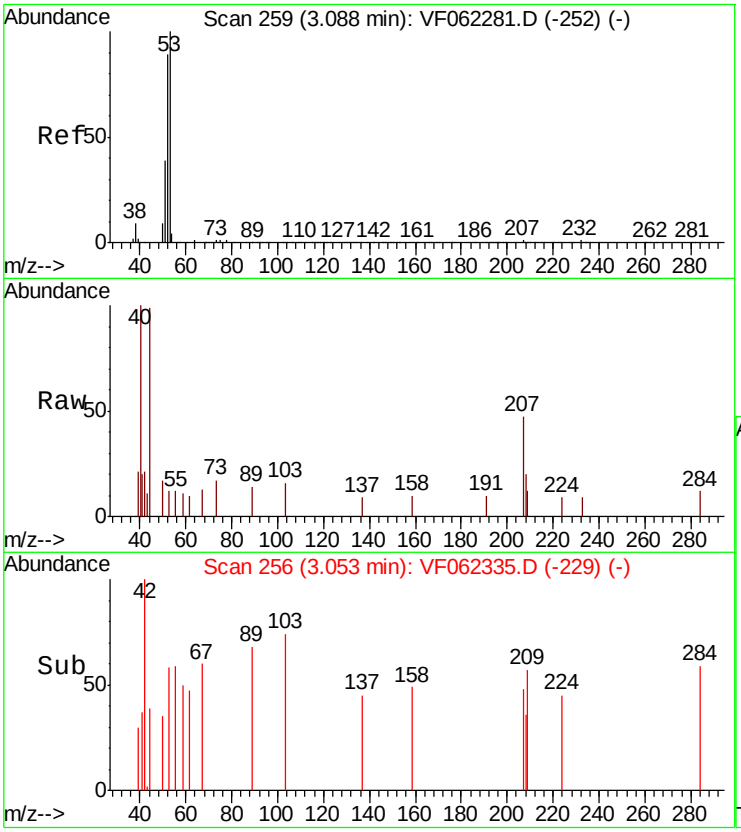




#14
Allyl chloride
Concen: 6.827 ug/l
RT: 2.17 min Scan# 166
Delta R.T. -0.04 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion: 41 Resp: 625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 200.2 | 50.3 | 75.5# |
| 76 | 11.2 | 14.8 | 22.2# |



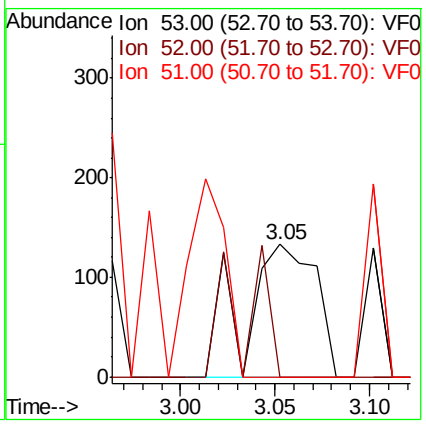


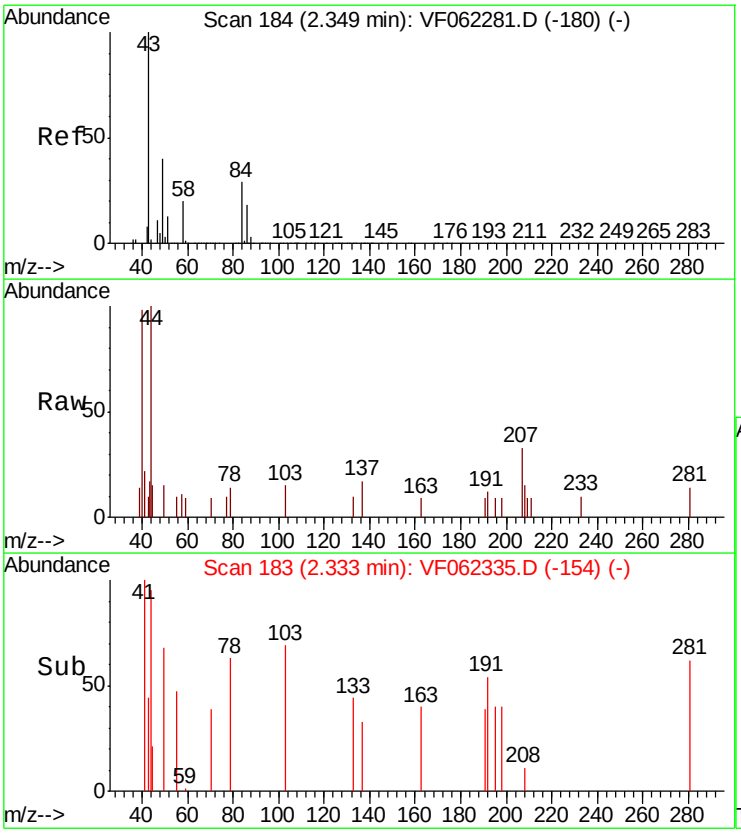

#15
Acrylonitrile
Concen: 25.865 ug/l
RT: 3.05 min Scan# 256
Delta R.T. -0.04 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :** MSVOA_F
**ClientSampleId :**

Tgt Ion: 53 Resp: 350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 43.4 | 70.6 | 105.8# |
| 51 | 0.0 | 32.6 | 48.8# |

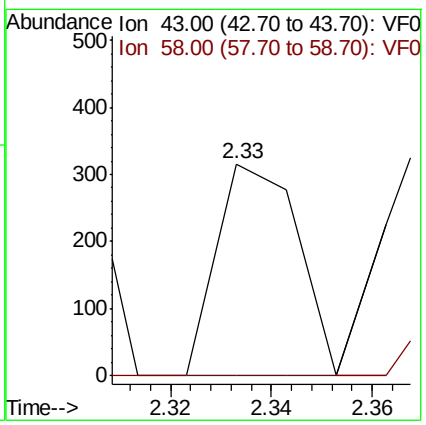


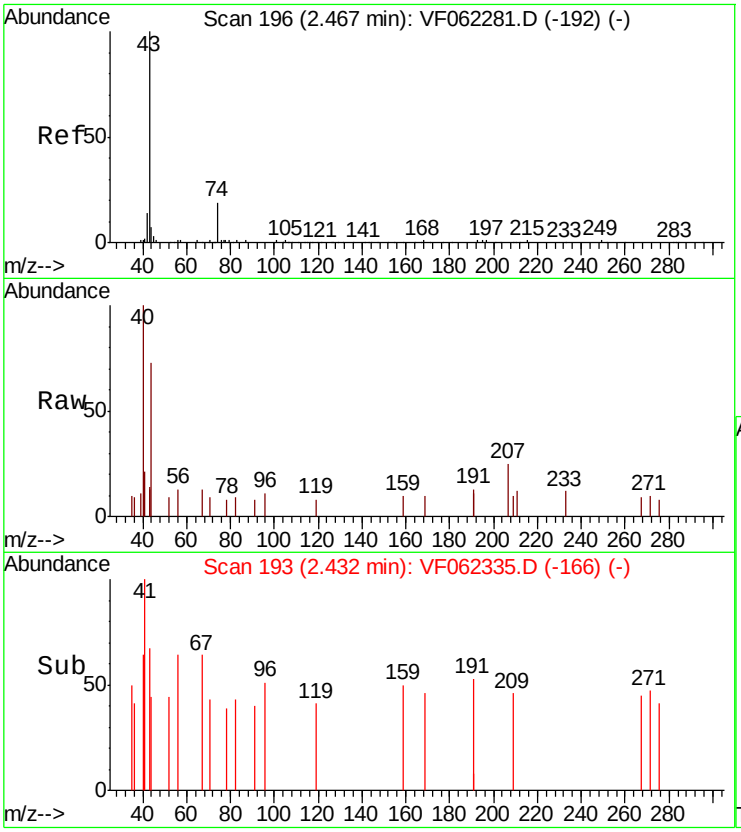




#16
Acetone
Concen: 19.410 ug/l
RT: 2.33 min Scan# 183
Delta R.T. -0.02 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion: 43 Resp: 351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 16.4 | 24.6# |



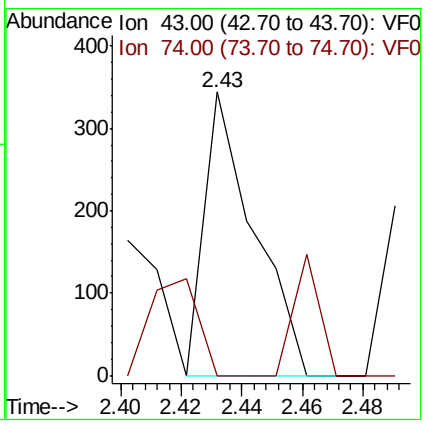


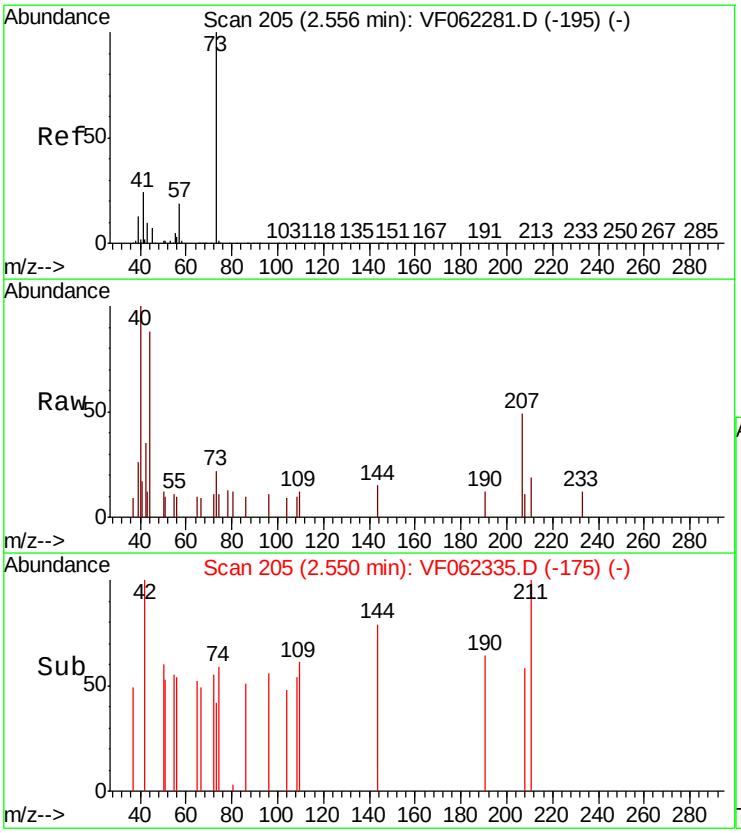

#18
Methyl Acetate
Concen: 9.185 ug/l
RT: 2.43 min Scan# 193
Delta R.T. -0.04 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :**
MSVOA_F
**ClientSampleId :**

Tgt Ion: 43 Resp: 391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 33.5 | 14.4 | 21.6# |

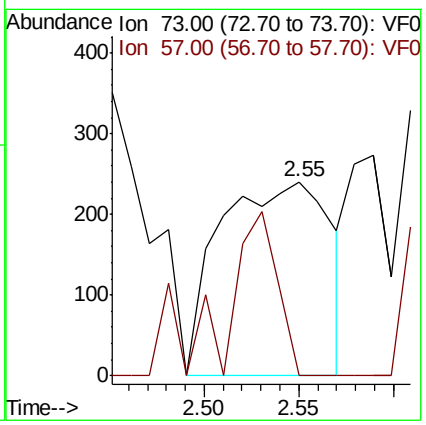


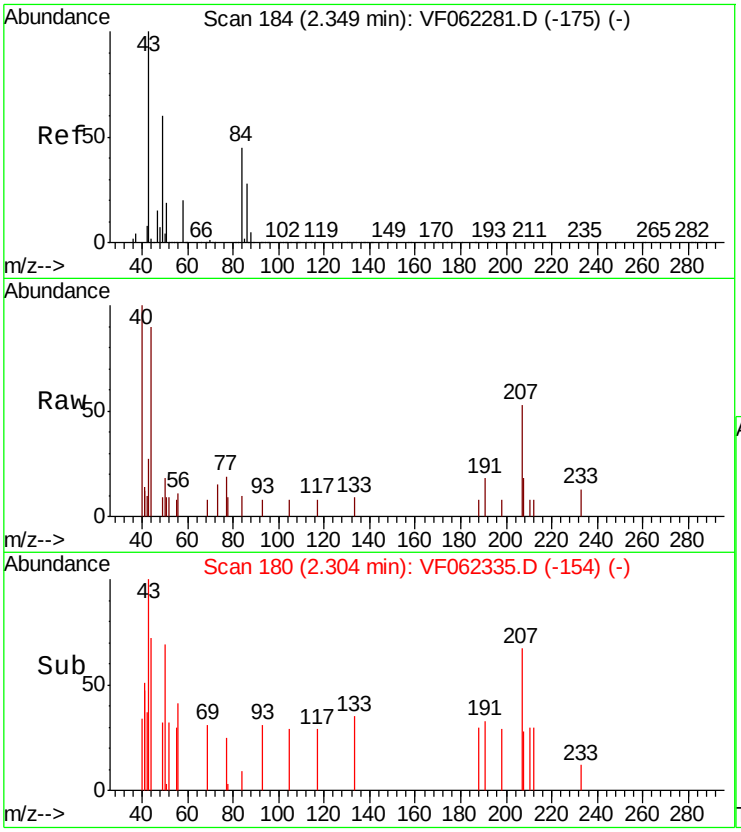




#19
Methyl tert-butyl Ether
Concen: 6.086 ug/l
RT: 2.55 min Scan# 205
Delta R.T. -0.01 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion: 73 Resp: 976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 0.0 | 15.5 | 23.3# |



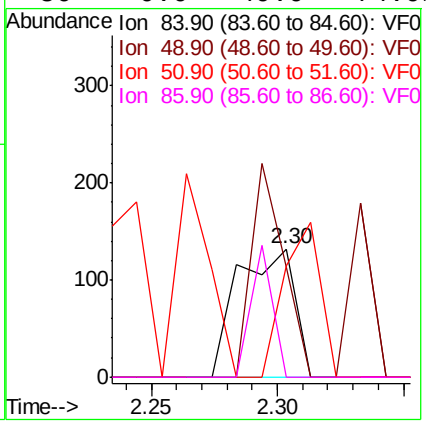


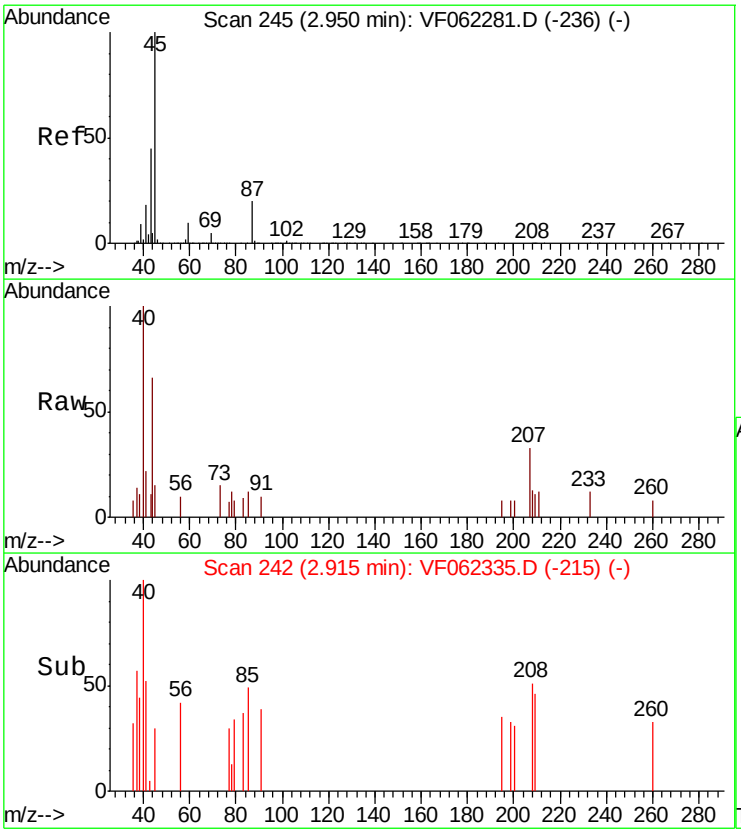

#20
Methylene Chloride
Concen: Below Cal
RT: 2.30 min Scan# 180
Delta R.T. -0.05 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :** MSVOA_F
**ClientSampleId :**

Tgt Ion: 84 Resp: 209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 85.6 | 112.1 | 168.1# |
| 51 | 86.4 | 35.9 | 53.9# |
| 86 | 0.0 | 49.9 | 74.9# |

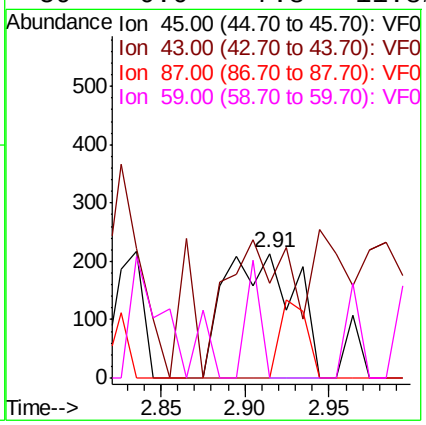


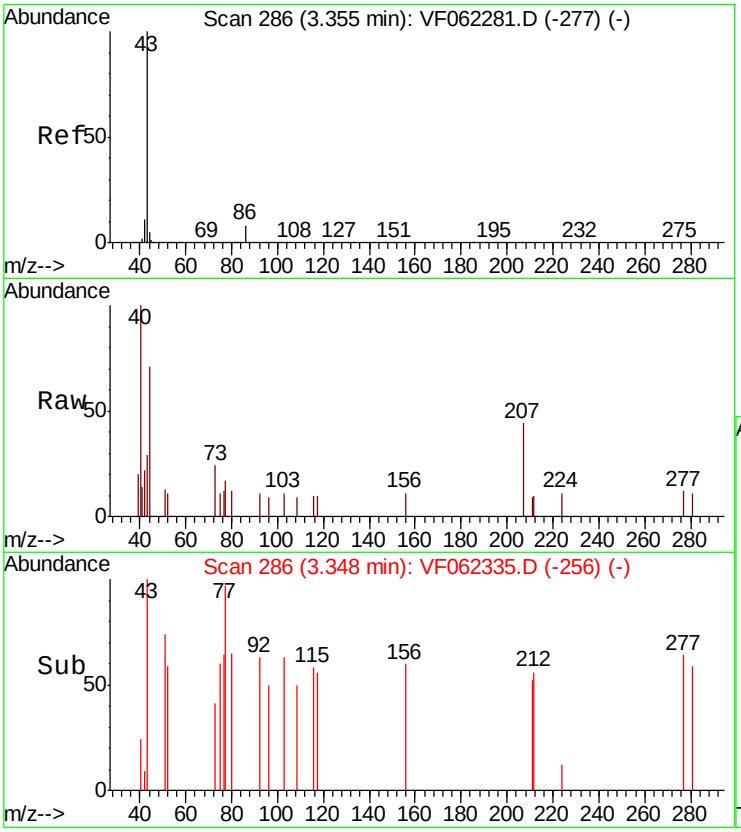




#22
Diisopropyl ether
Concen: 2.508 ug/l
RT: 2.91 min Scan# 242
Delta R.T. -0.04 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion: 45 Resp: 618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 0.0 | 36.2 | 54.2# |
| 87 | 0.0 | 15.8 | 23.6# |
| 59 | 0.0 | 7.8 | 11.8# |



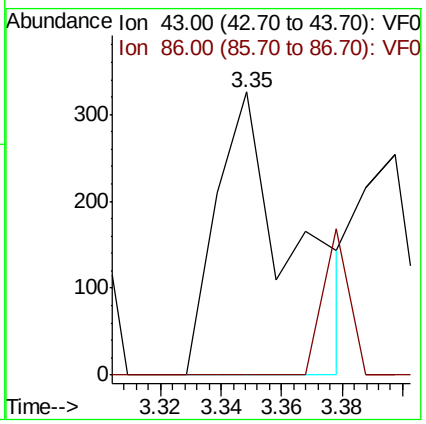


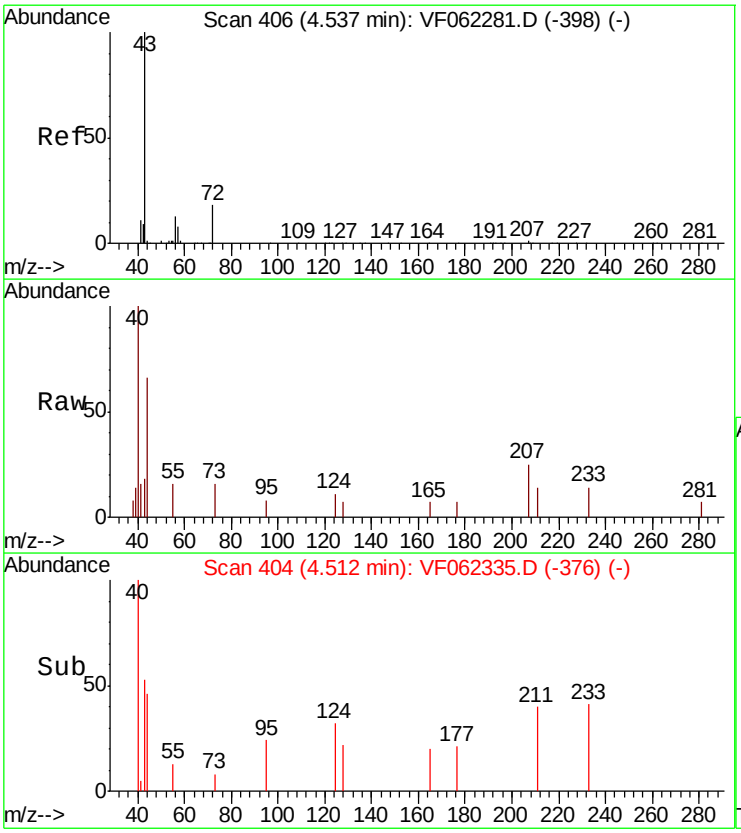

#23
Vinyl Acetate
Concen: 5.161 ug/l
RT: 3.35 min Scan# 286
Delta R.T. -0.01 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :**
MSVOA_F
**ClientSampleId :**

Tgt Ion: 43 Resp: 564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 0.0 | 6.0 | 9.0# |

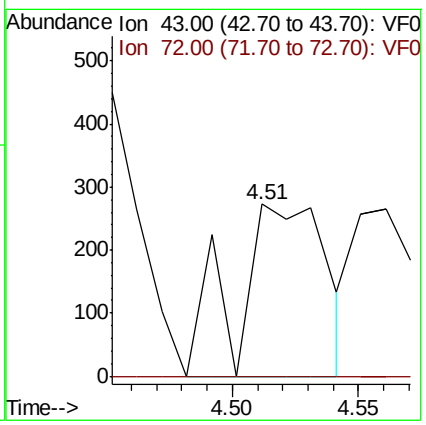


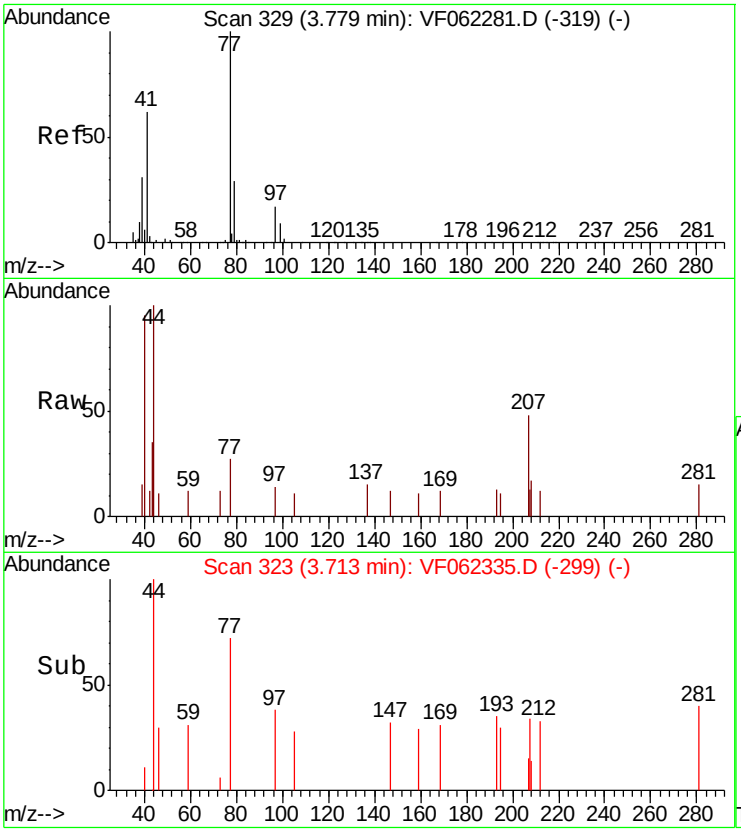




#25
2-Butanone
Concen: 23.611 ug/l
RT: 4.51 min Scan# 404
Delta R.T. -0.03 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion: 43 Resp: 677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 0.0 | 15.8 | 23.6# |



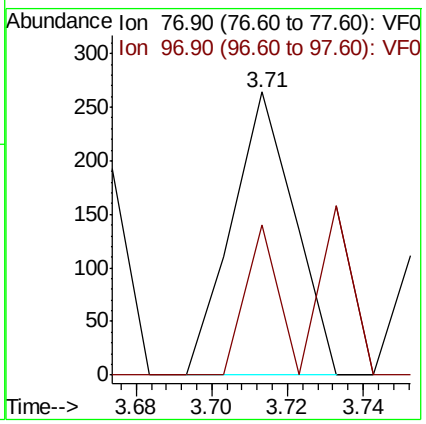


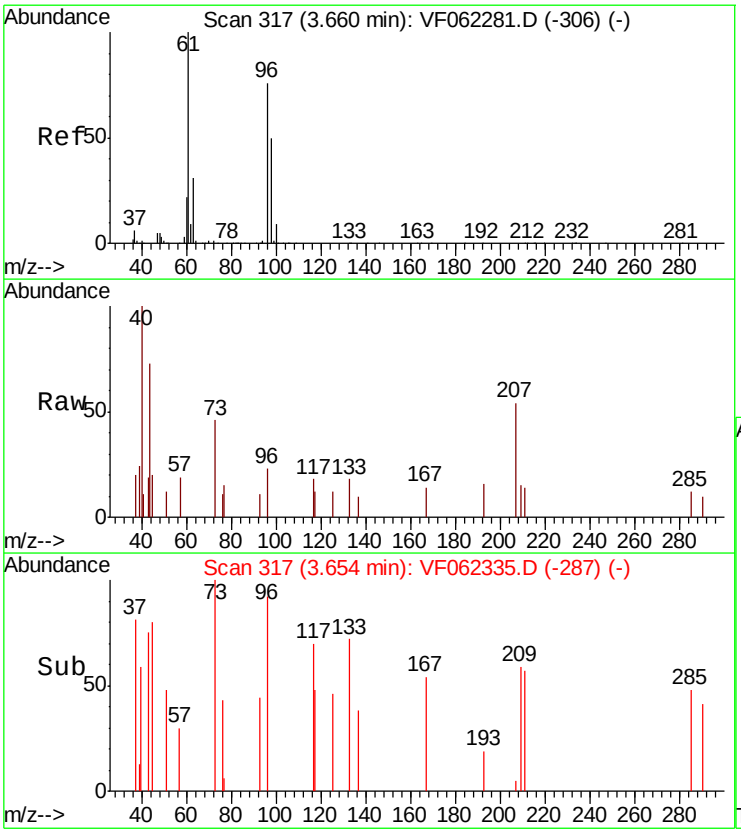

#26
2,2-Dichloropropane
Concen: 4.121 ug/l
RT: 3.71 min Scan# 323
Delta R.T. -0.07 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :**
MSVOA_F
**ClientSampleId :**

Tgt Ion: 77 Resp: 301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 27.6 | 10.3 | 30.8 |

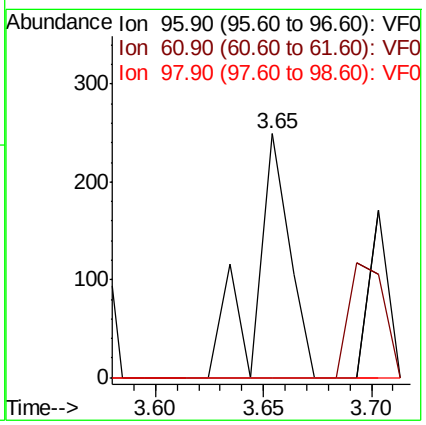


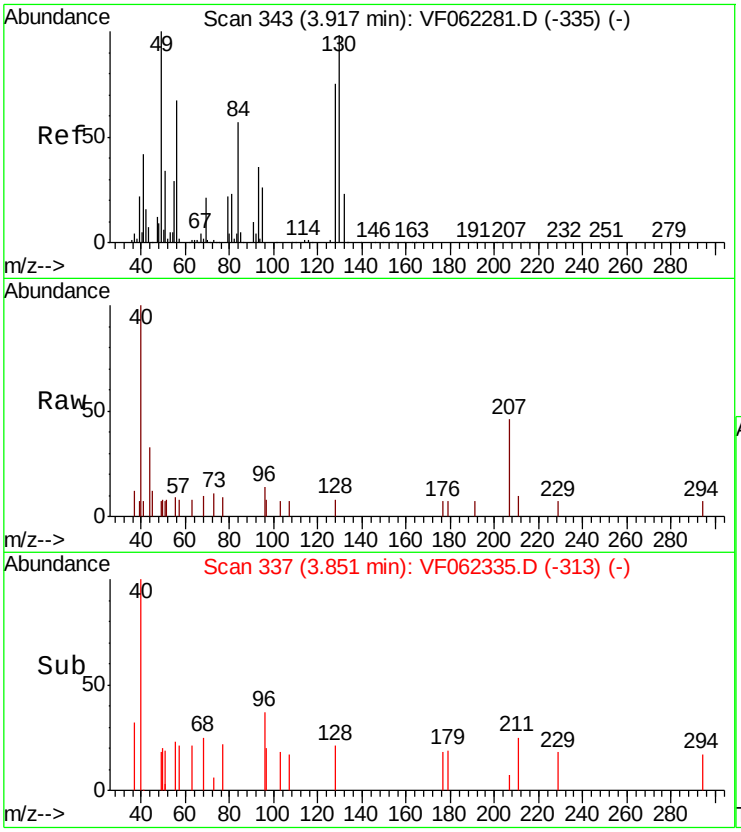




#27
cis-1,2-Dichloroethene
Concen: 2.641 ug/l
RT: 3.65 min Scan# 317
Delta R.T. -0.01 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion: 96 Resp: 278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 0.0 | 0.0 | 257.6 |
| 98 | 0.0 | 0.0 | 137.4 |



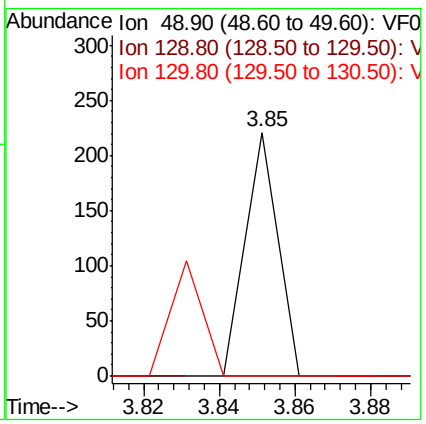


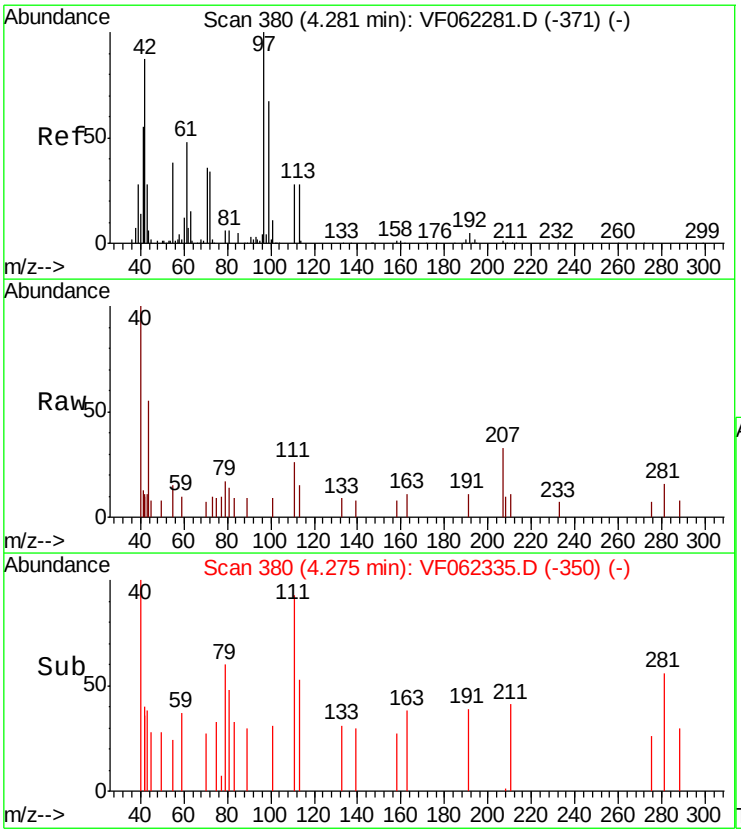

#28
Bromochloromethane
Concen: 2.210 ug/l
RT: 3.85 min Scan# 337
Delta R.T. -0.07 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :** MSVOA_F
**ClientSampleId :**

Tgt Ion: 49 Resp: 131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 0.0 | 0.0 | 0.0 |
| 130 | 47.3 | 77.0 | 115.4# |

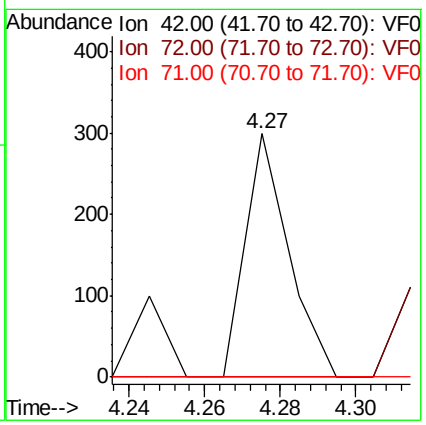


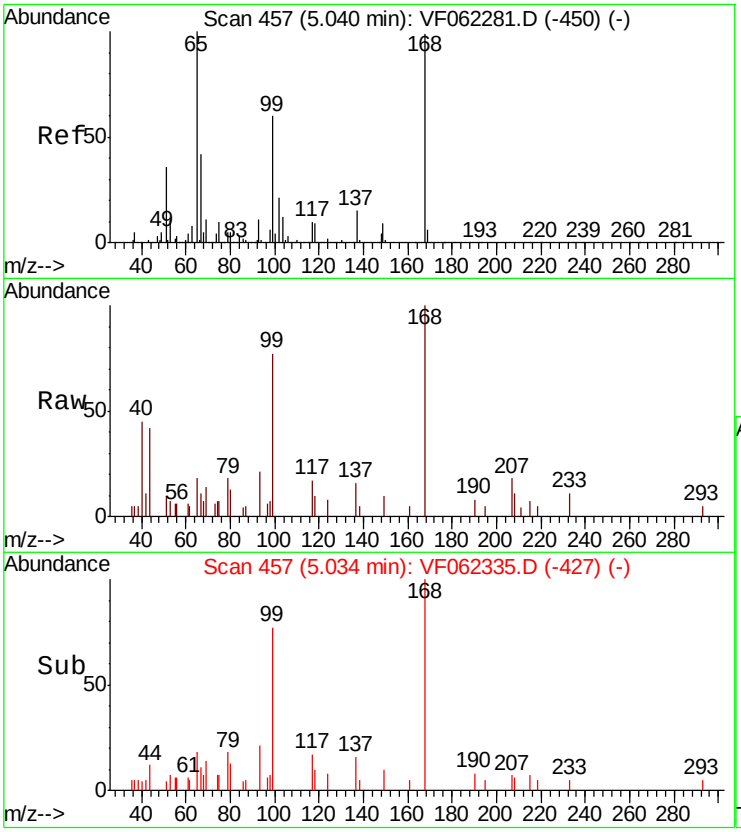




#29
Tetrahydrofuran
Concen: 18.732 ug/l
RT: 4.27 min Scan# 380
Delta R.T. -0.01 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion: 42 Resp: 236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 0.0 | 29.3 | 43.9# |
| 71 | 0.0 | 31.2 | 46.8# |



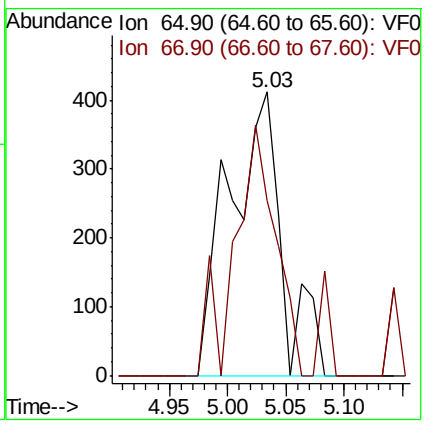


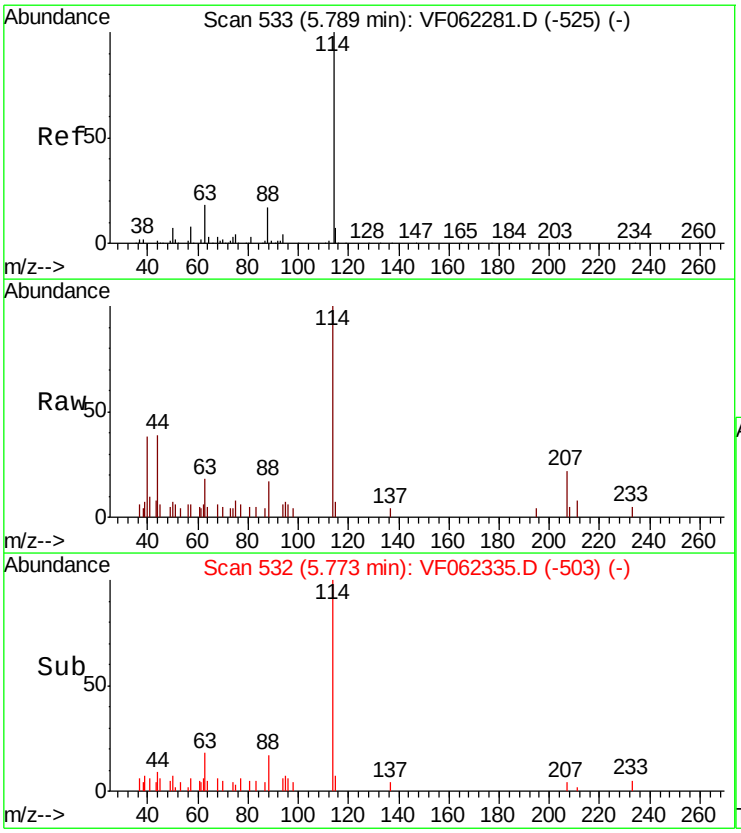

#33
1,2-Dichloroethane-d4
Concen: 16.046 ug/l
RT: 5.03 min Scan# 457
Delta R.T. -0.01 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :**
MSVOA_F
**ClientSampleId :**

Tgt Ion: 65 Resp: 1296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 69.1 | 0.0 | 98.8 |

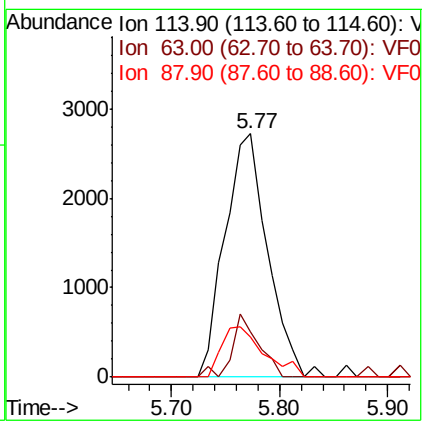


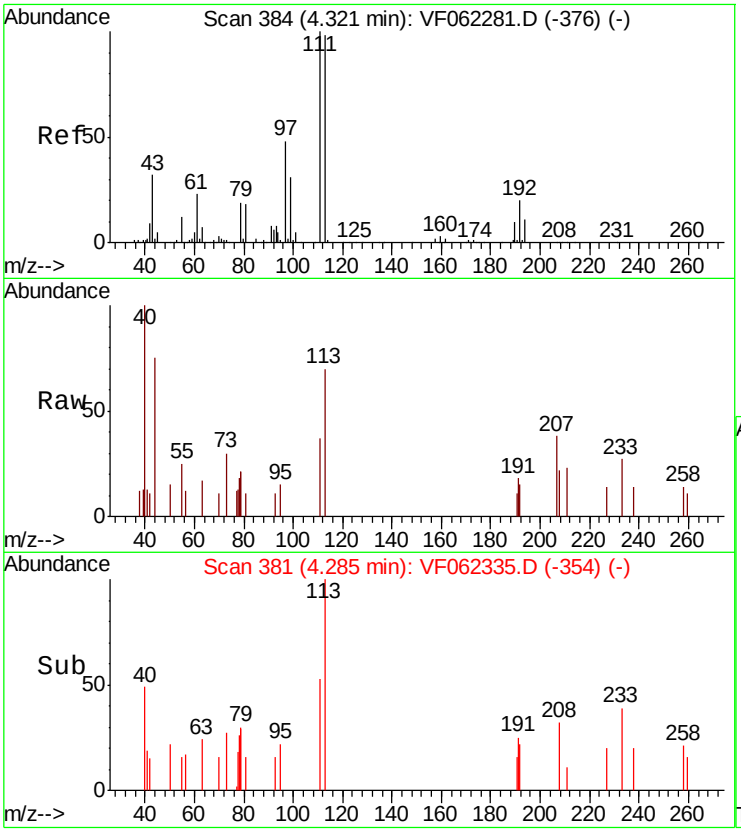




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.77 min Scan# 532
Delta R.T. -0.02 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion:114 Resp: 7495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.4 | 0.0 | 35.6 |
| 88 | 16.7 | 0.0 | 34.6 |



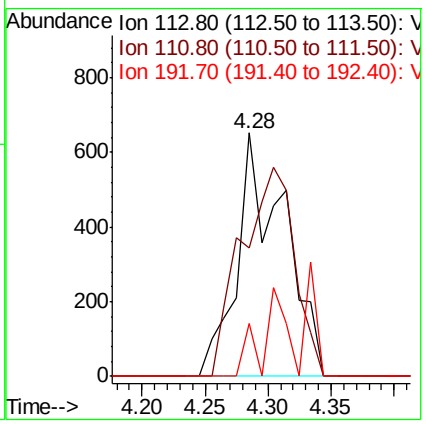


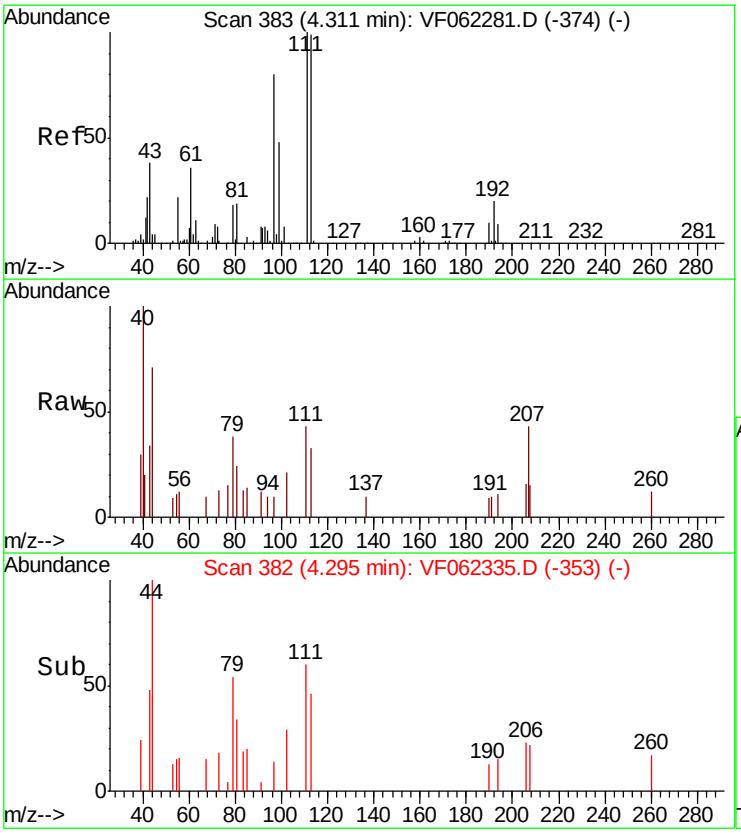

#35
Dibromofluoromethane
Concen: 30.177 ug/l
RT: 4.28 min Scan# 381
Delta R.T. -0.04 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :**
MSVOA_F
**ClientSampleId :**

Tgt Ion:113 Resp: 1677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 97.3 | 81.4 | 122.2 |
| 192 | 18.4 | 17.0 | 25.4 |

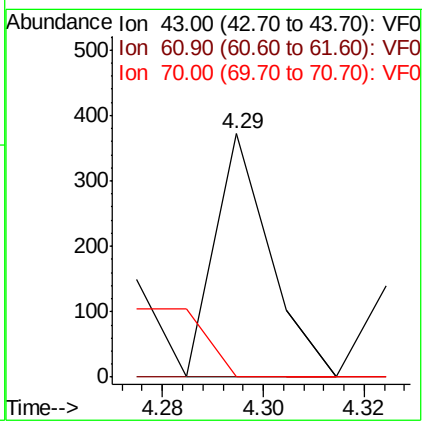


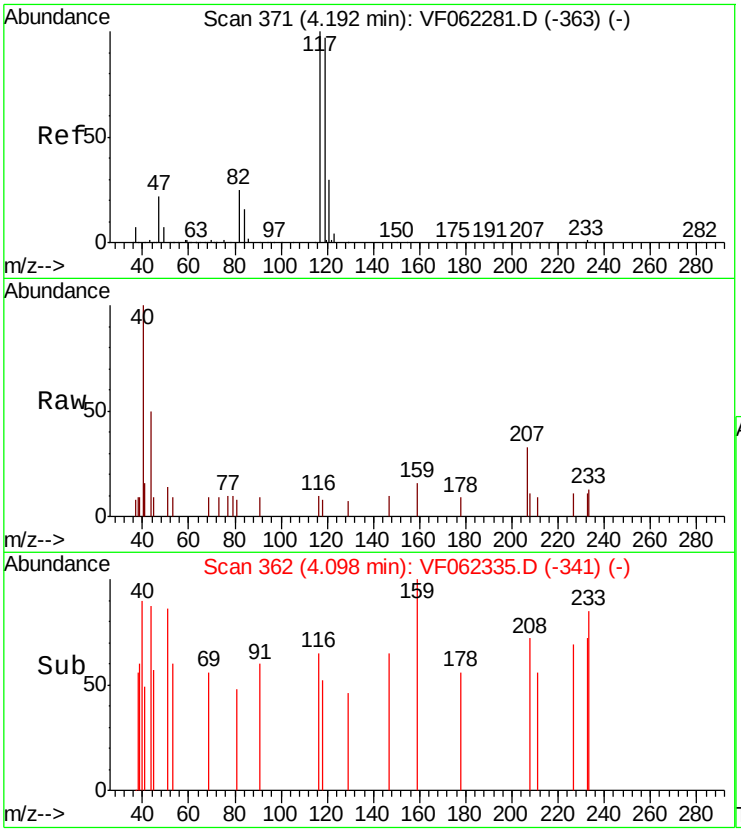




#37
Ethyl Acetate
Concen: 9.660 ug/l
RT: 4.29 min Scan# 382
Delta R.T. -0.02 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion: 43 Resp: 281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 0.0 | 85.8 | 128.6# |
| 70 | 44.1 | 7.3 | 10.9# |



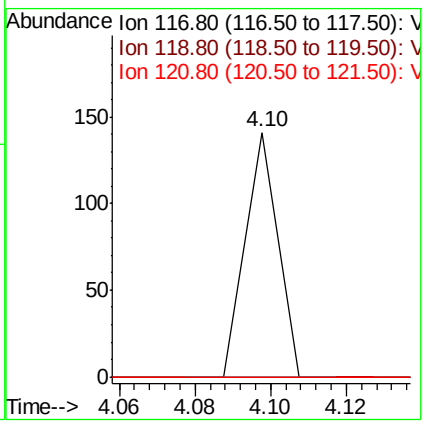


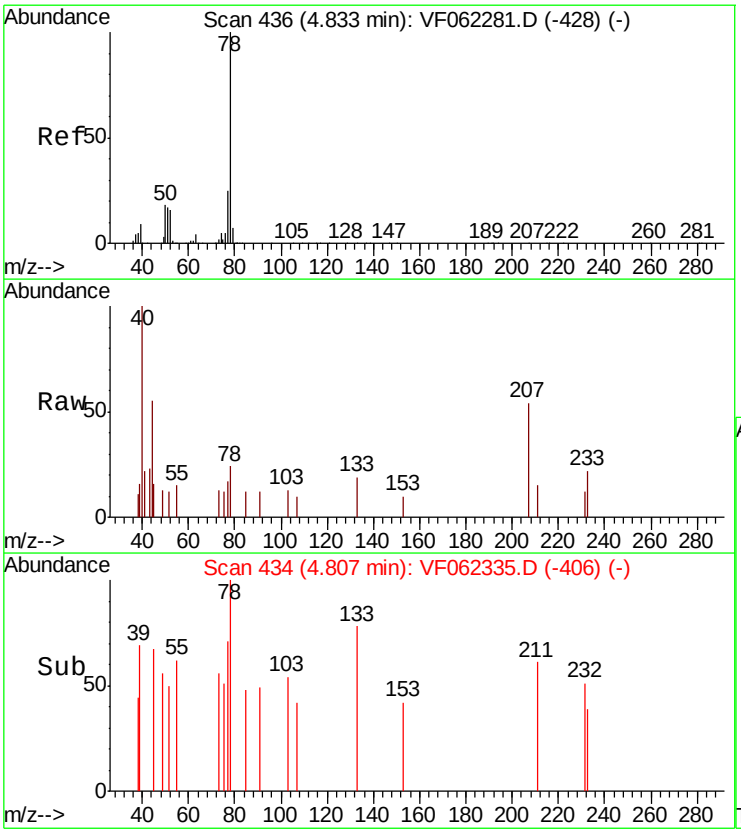

#38
Carbon Tetrachloride
Concen: 1.181 ug/l
RT: 4.10 min Scan# 362
Delta R.T. -0.09 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :** MSVOA_F
**ClientSampleId :**

Tgt Ion:117 Resp: 83

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 0.0 | 77.3 | 115.9# |
| 121 | 0.0 | 24.3 | 36.5# |

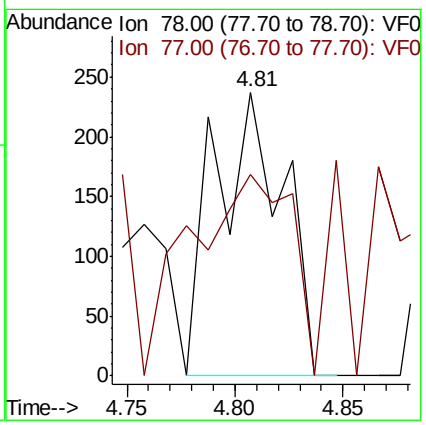


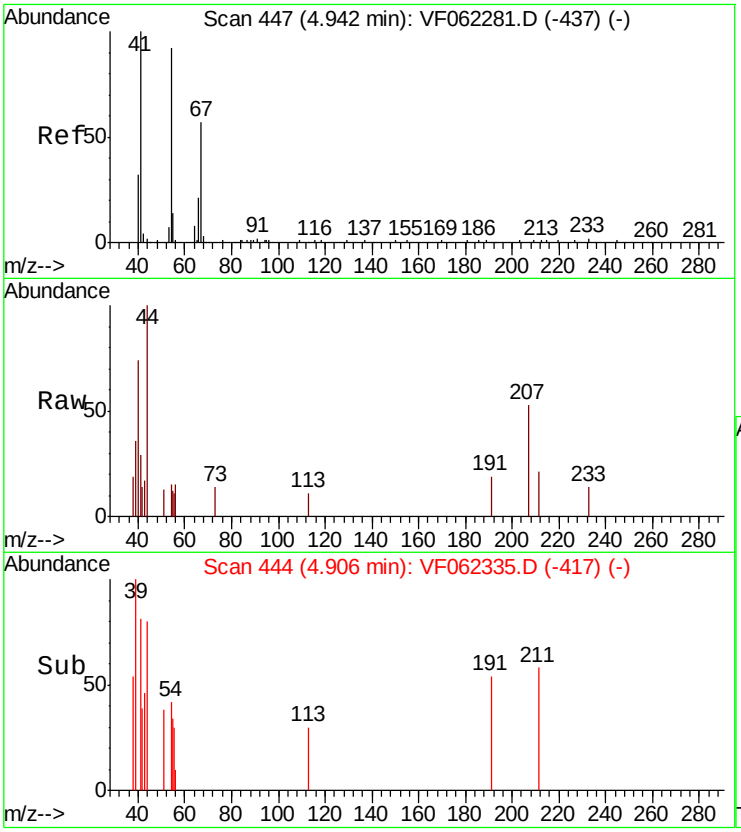




#40
Benzene
Concen: 3.131 ug/l
RT: 4.81 min Scan# 434
Delta R.T. -0.03 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion: 78 Resp: 523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 17.7 | 19.7 | 29.5# |



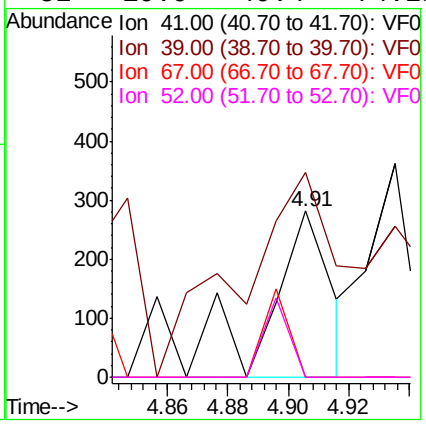


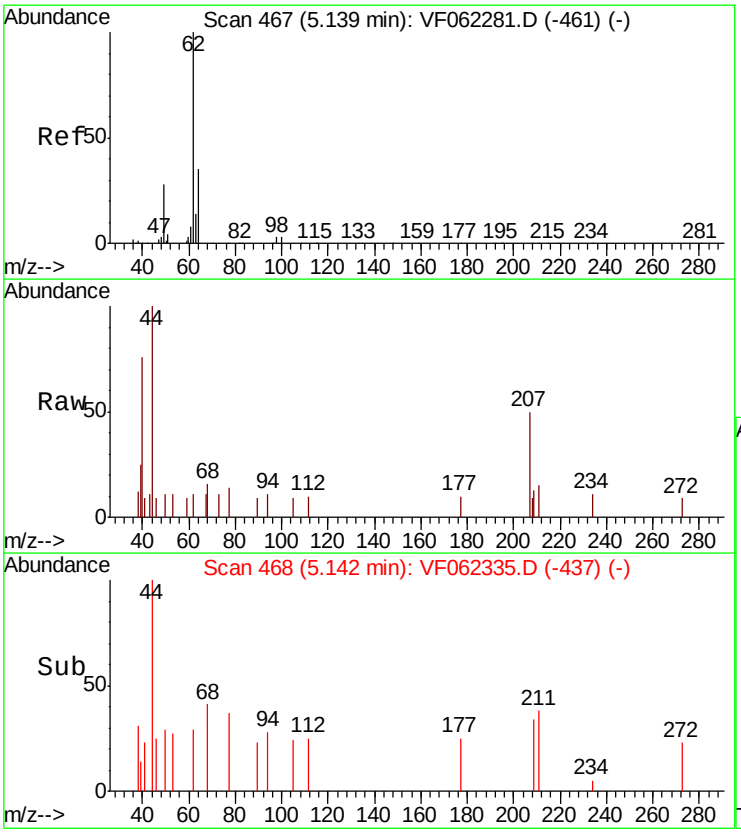

#41
Methacrylonitrile
Concen: 24.937 ug/l
RT: 4.91 min Scan# 444
Delta R.T. -0.04 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :**
MSVOA_F
**ClientSampleId :**

Tgt Ion: 41 Resp: 403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 125.6 | 47.3 | 70.9# |
| 67 | 22.1 | 41.3 | 61.9# |
| 52 | 19.9 | 49.4 | 74.2# |

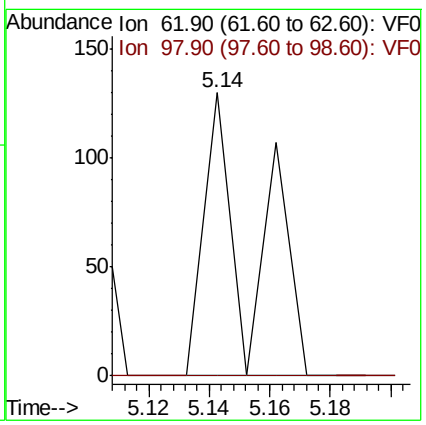


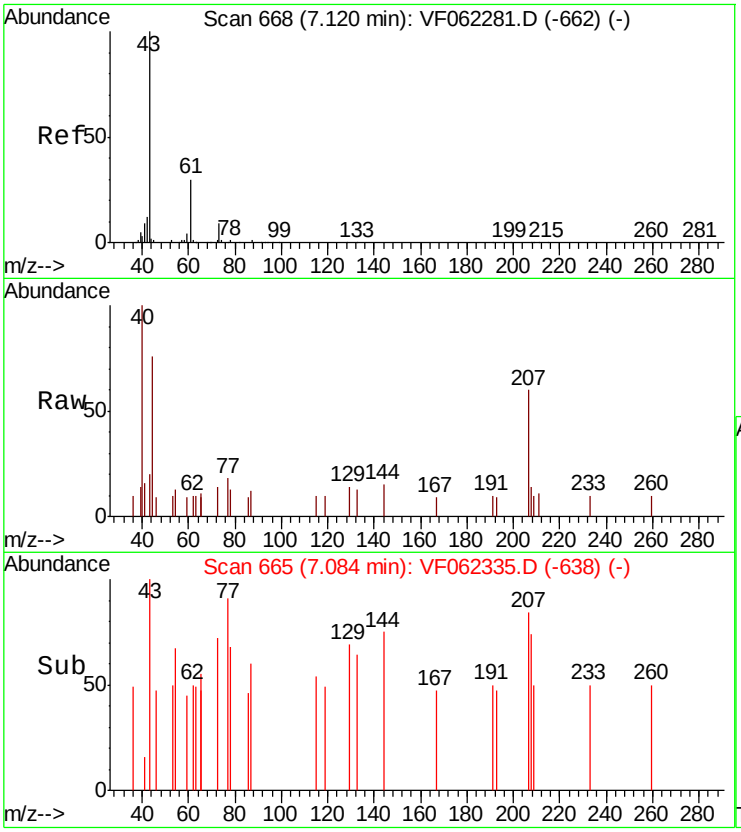




#42
1,2-Dichloroethane
Concen: 2.645 ug/l
RT: 5.14 min Scan# 468
Delta R.T. 0.00 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion: 62 Resp: 140

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



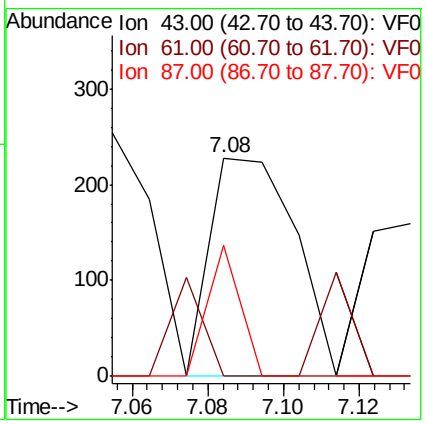


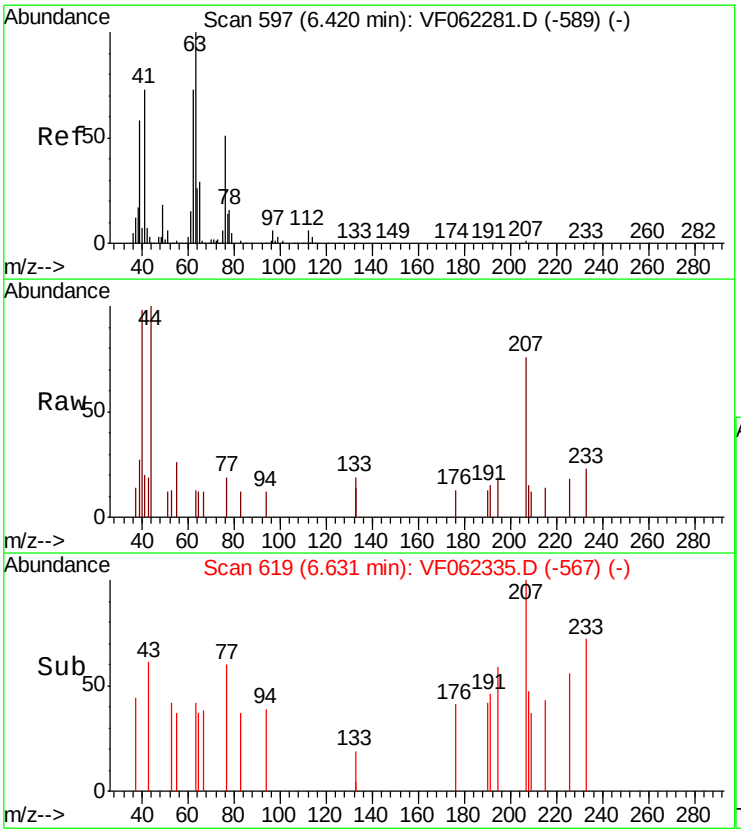

#43
Isopropyl Acetate
Concen: 11.714 ug/l
RT: 7.08 min Scan# 665
Delta R.T. -0.04 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :**
MSVOA_F
**ClientSampleId :**

Tgt Ion: 43 Resp: 354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 17.2 | 23.8 | 35.6# |
| 87 | 22.6 | 0.5 | 0.7# |

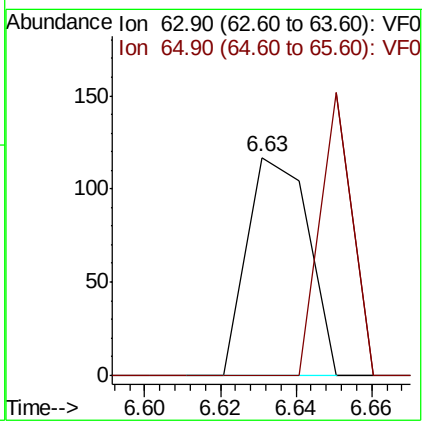


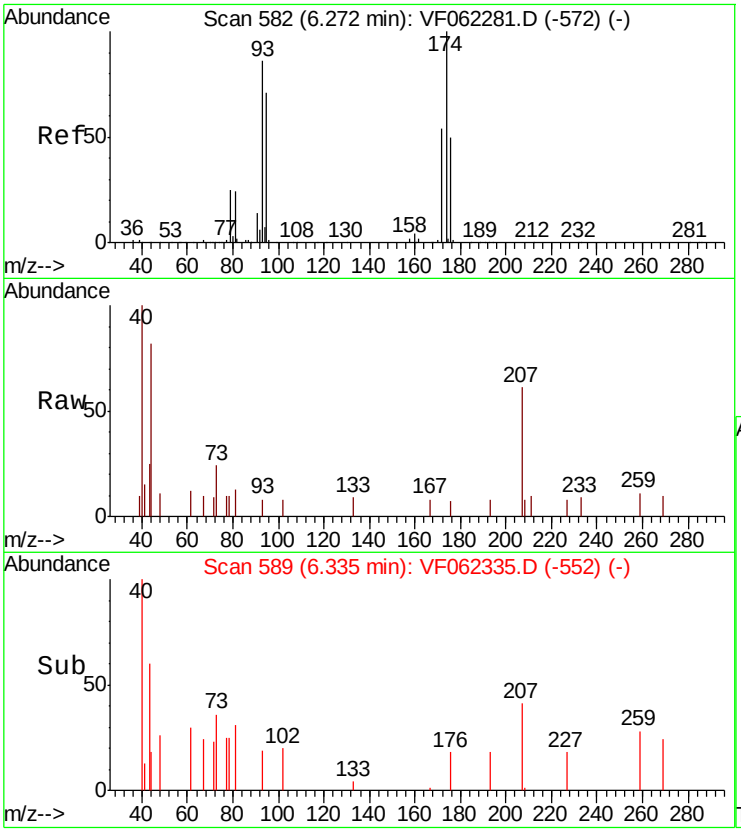




#45
1,2-Dichloropropane
Concen: 3.478 ug/l
RT: 6.63 min Scan# 619
Delta R.T. 0.21 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion: 63 Resp: 131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 0.0 | 23.5 | 35.3# |



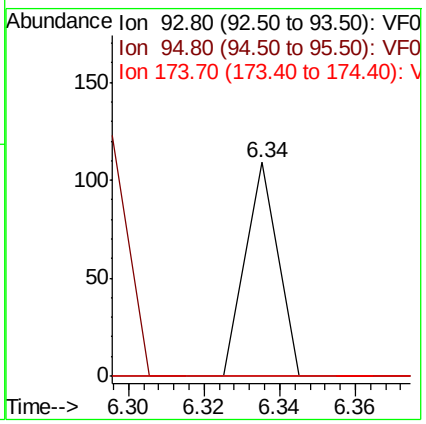


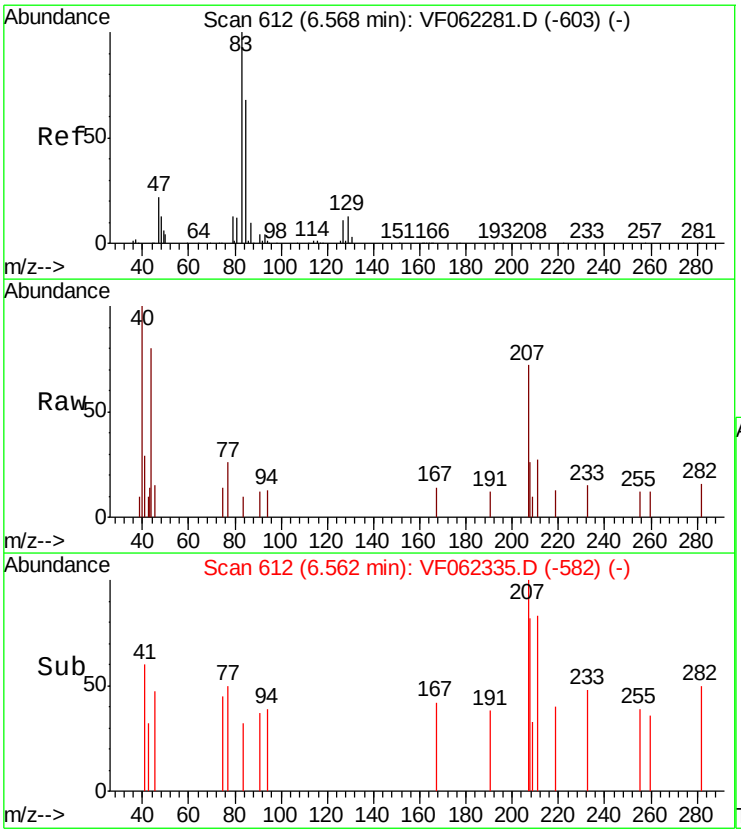

#46
Dibromomethane
Concen: 2.353 ug/l
RT: 6.34 min Scan# 589
Delta R.T. 0.06 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :** MSVOA_F
**ClientSampleId :**

Tgt Ion: 93 Resp: 64

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 0.0 | 66.2 | 99.4# |
| 174 | 0.0 | 94.9 | 142.3# |

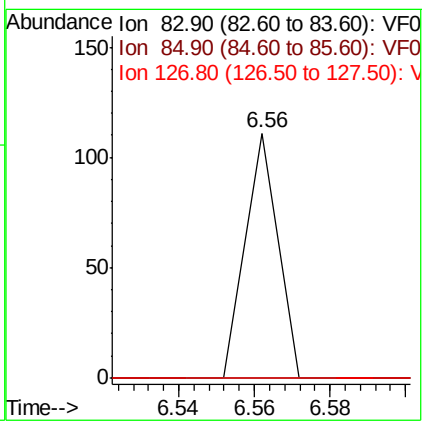


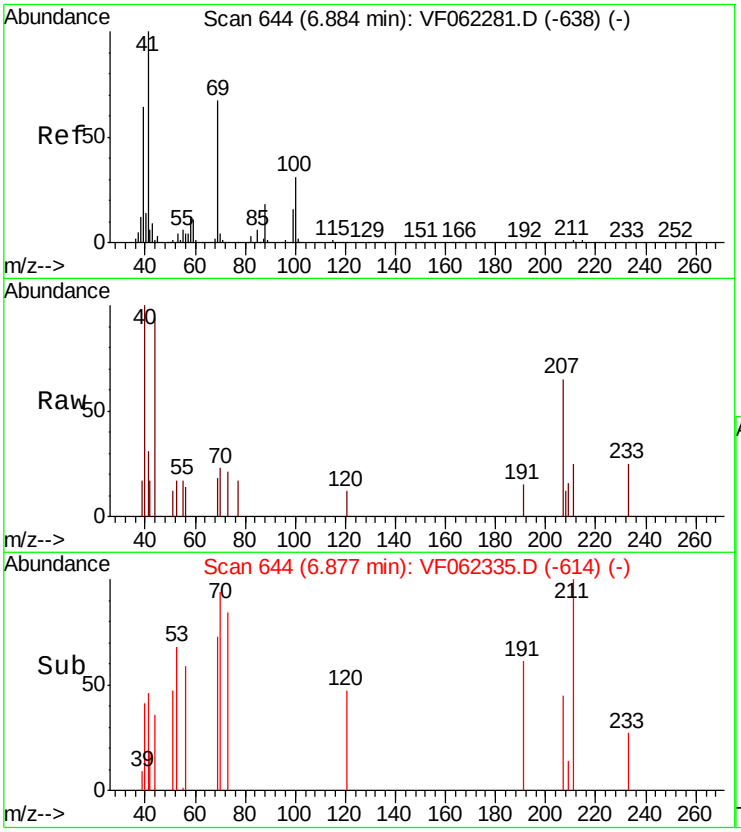




#47
Bromodichloromethane
Concen: 1.032 ug/l
RT: 6.56 min Scan# 612
Delta R.T. -0.01 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion: 83 Resp: 66

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 0.0 | 54.6 | 81.8# |
| 127 | 0.0 | 8.7 | 13.1# |



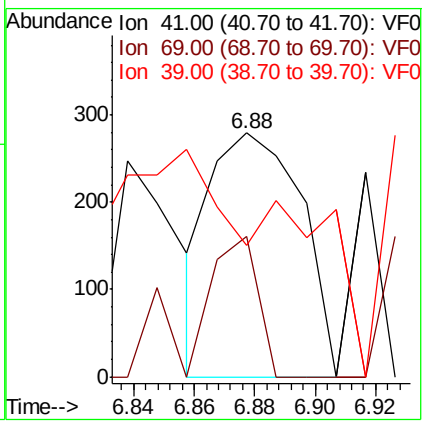


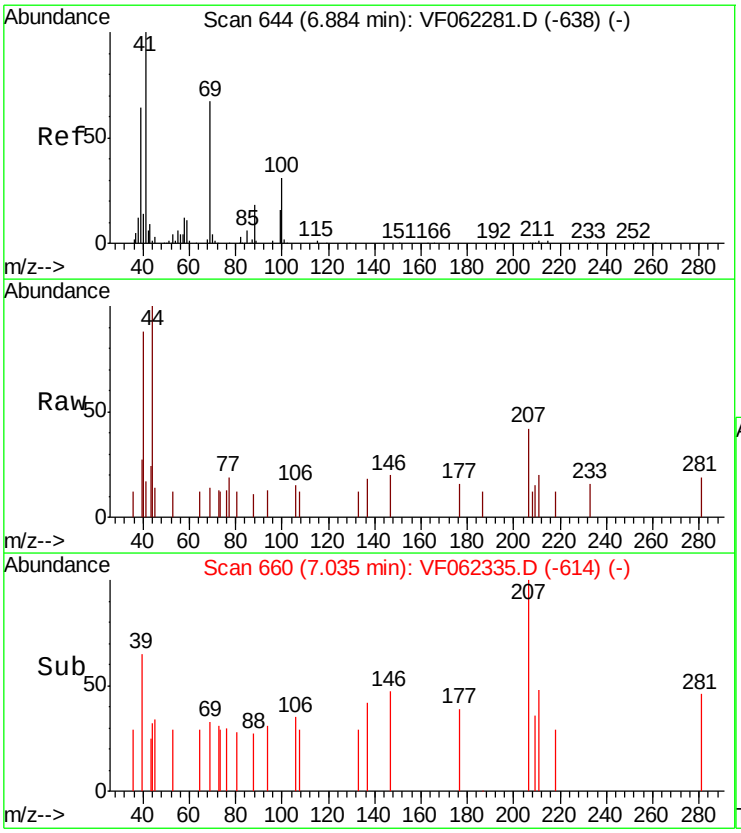

#48
Methyl methacrylate
Concen: 27.120 ug/l
RT: 6.88 min Scan# 644
Delta R.T. -0.01 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :** MSVOA_F
**ClientSampleId :**

Tgt Ion: 41 Resp: 578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 40.7 | 53.4 | 80.2# |
| 39 | 0.0 | 50.9 | 76.3# |

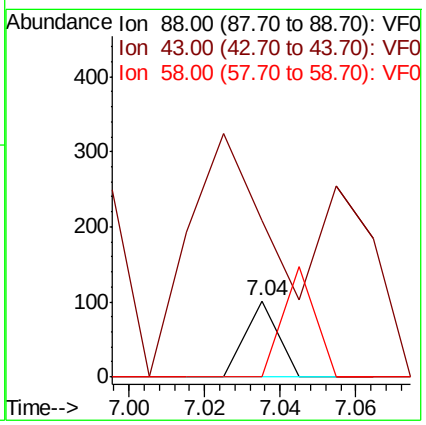


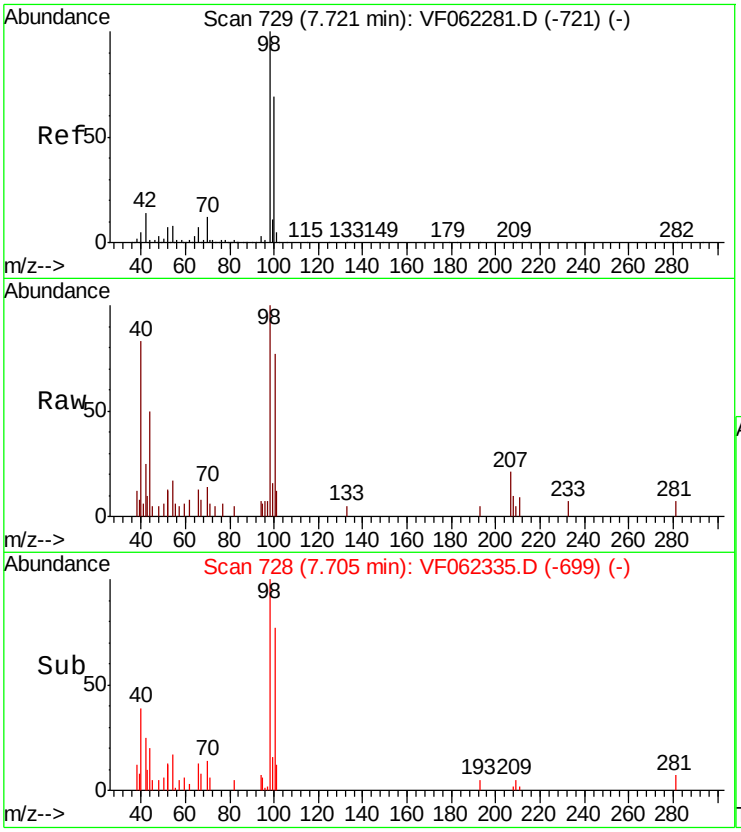




#49
1,4-Dioxane
Concen: 244.483 ug/l
RT: 7.04 min Scan# 660
Delta R.T. 0.15 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion: 88 Resp: 60

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 816.7 | 34.2 | 51.4# |
| 58 | 145.0 | 50.7 | 76.1# |



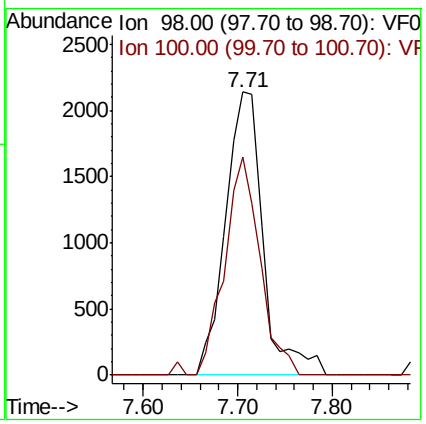


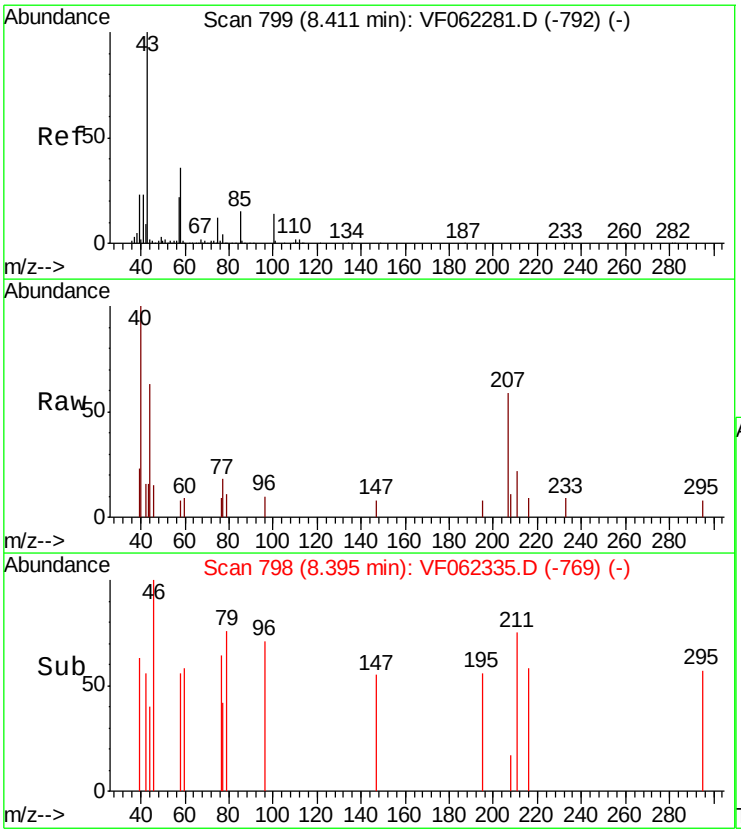

#50
Toluene-d8
Concen: 43.333 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.02 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :**
MSVOA_F
**ClientSampleId :**

Tgt Ion: 98 Resp: 5882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 72.6 | 54.4 | 81.6 |

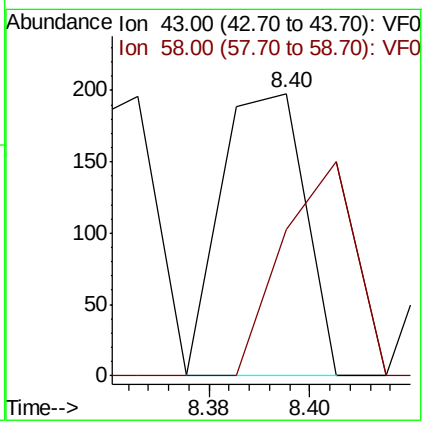


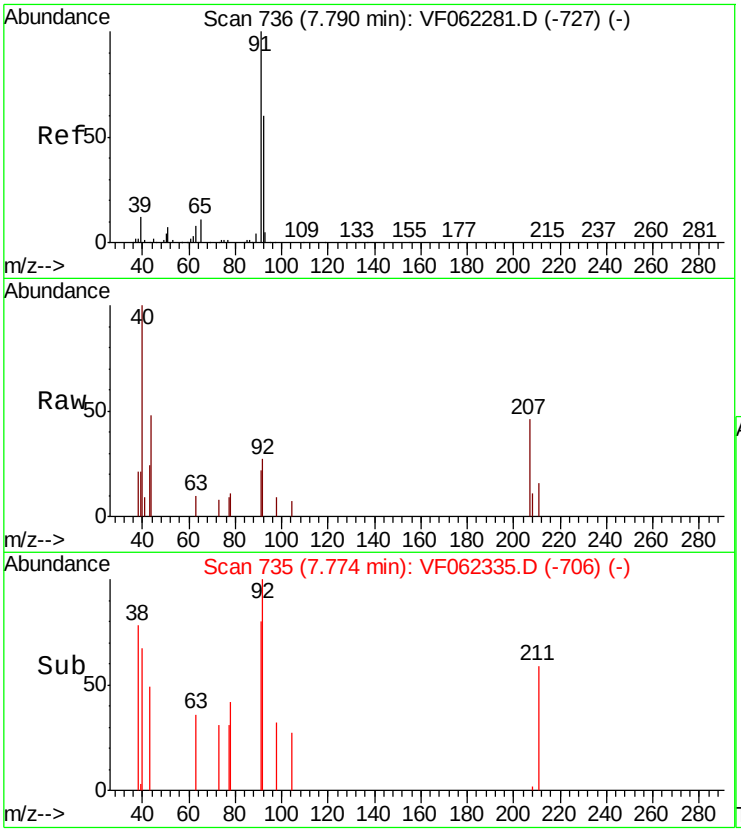




#51
4-Methyl-2-Pentanone
Concen: 9.991 ug/l
RT: 8.40 min Scan# 798
Delta R.T. -0.02 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion: 43 Resp: 229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 65.5 | 29.1 | 43.7# |



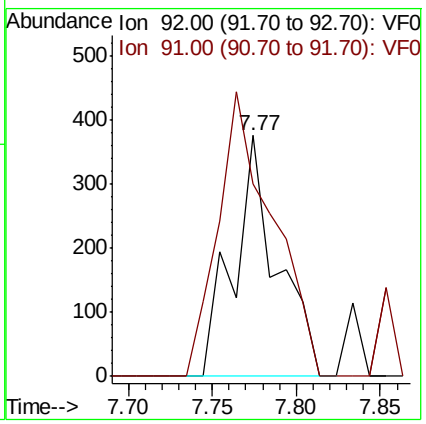


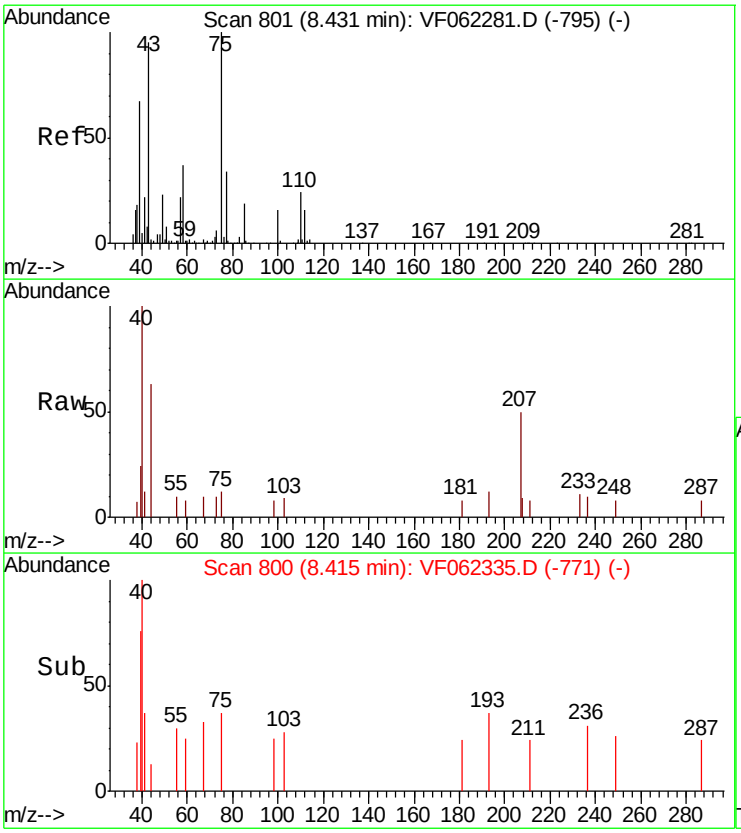

#52
Toluene
Concen: 6.898 ug/l
RT: 7.77 min Scan# 735
Delta R.T. -0.02 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :** MSVOA_F
**ClientSampleId :**

Tgt Ion: 92 Resp: 665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 149.3 | 132.5 | 198.7 |

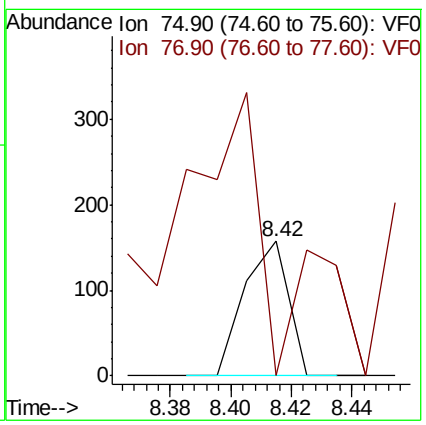


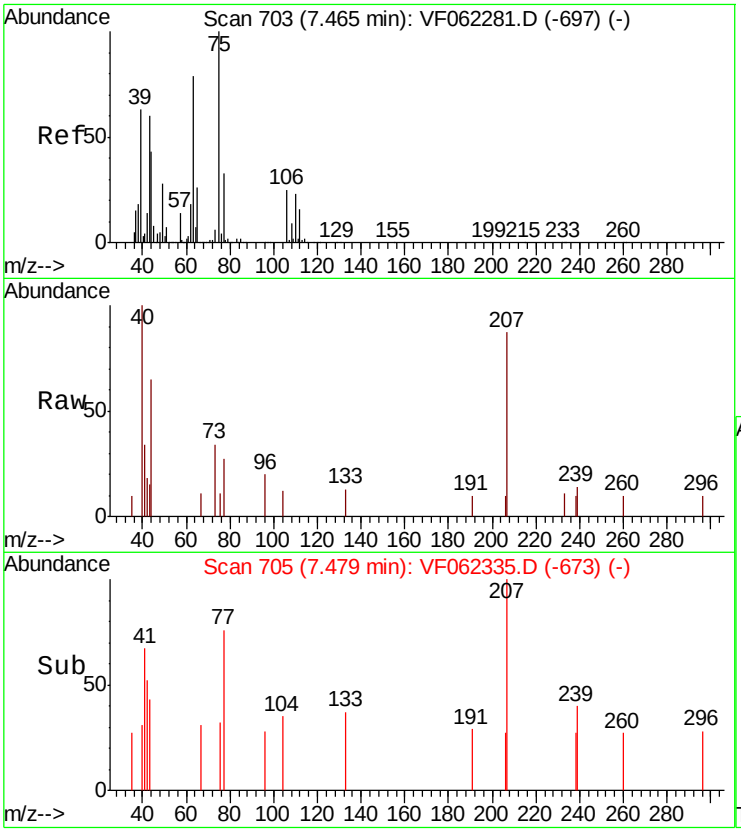




#53
t-1,3-Dichloropropene
Concen: 3.360 ug/l
RT: 8.42 min Scan# 800
Delta R.T. -0.02 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion: 75 Resp: 158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 0.0 | 26.9 | 40.3# |



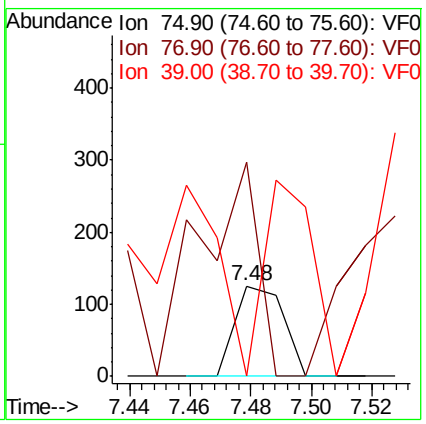


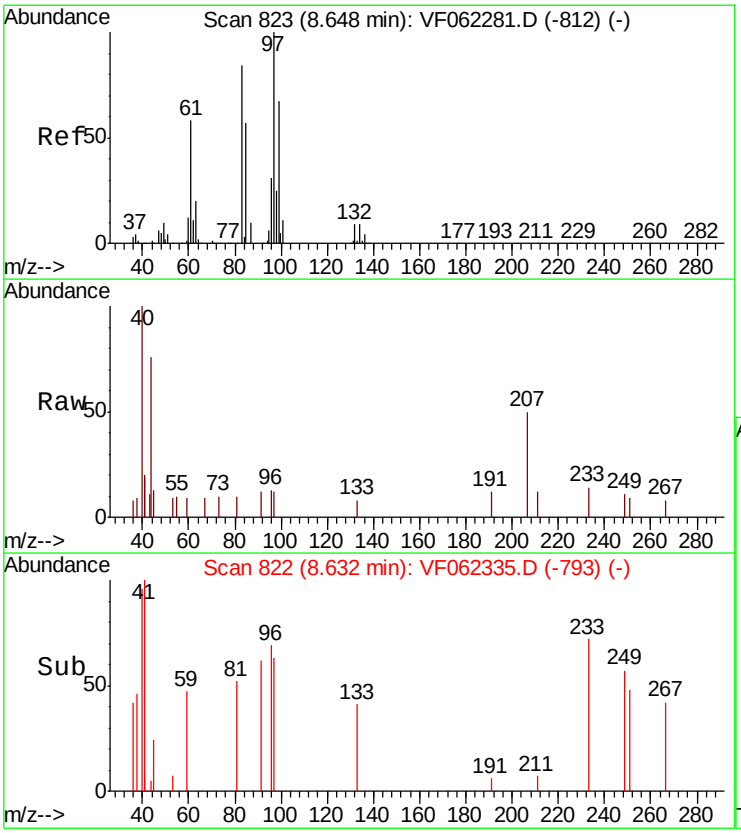

#54
cis-1,3-Dichloropropene
Concen: 2.341 ug/l
RT: 7.48 min Scan# 705
Delta R.T. 0.01 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :** MSVOA_F
**ClientSampleId :**

Tgt Ion: 75 Resp: 141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 137.6 | 26.5 | 39.7# |
| 39 | 0.0 | 50.2 | 75.2# |

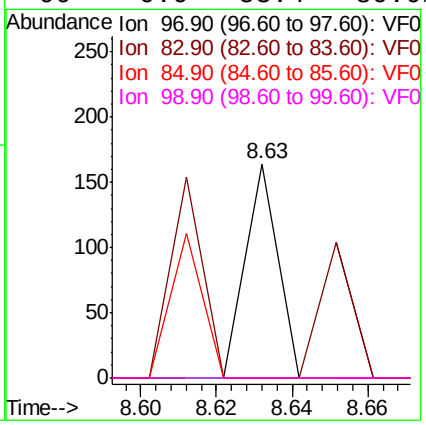


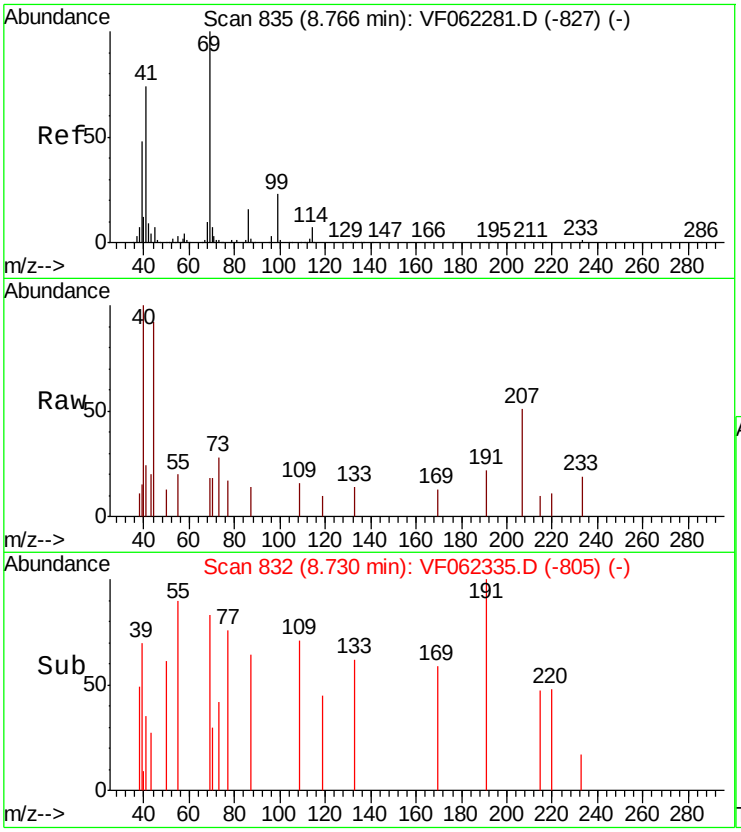




#55
1,1,2-Trichloroethane
Concen: 3.543 ug/l
RT: 8.63 min Scan# 822
Delta R.T. -0.02 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion: 97 Resp: 97

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 0.0 | 67.5 | 101.3# |
| 85 | 0.0 | 45.3 | 67.9# |
| 99 | 0.0 | 53.4 | 80.0# |



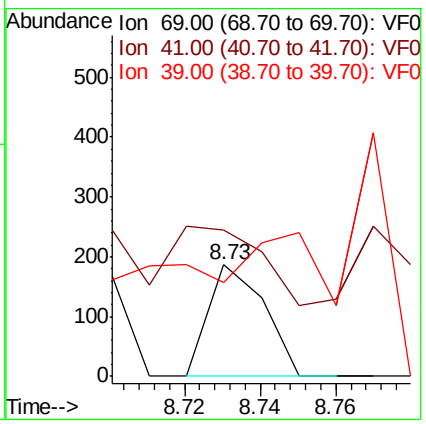


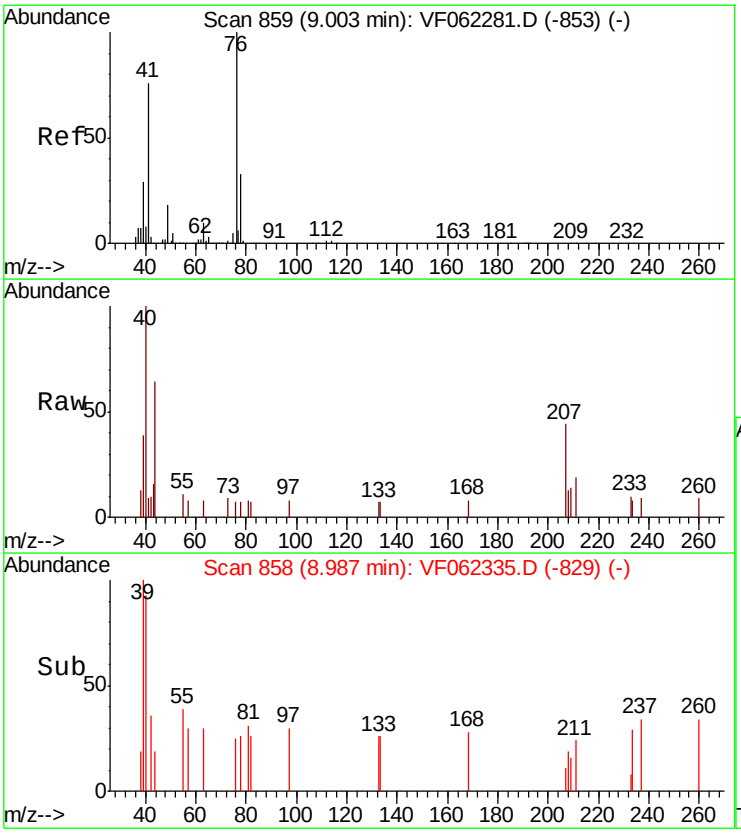

#56
Ethyl methacrylate
Concen: 6.250 ug/l
RT: 8.73 min Scan# 832
Delta R.T. -0.04 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :** MSVOA_F
**ClientSampleId :**

Tgt Ion: 69 Resp: 188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 417.6 | 61.5 | 92.3# |
| 39 | 0.0 | 37.9 | 56.9# |

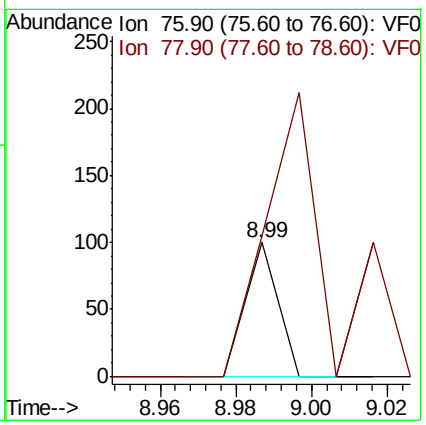


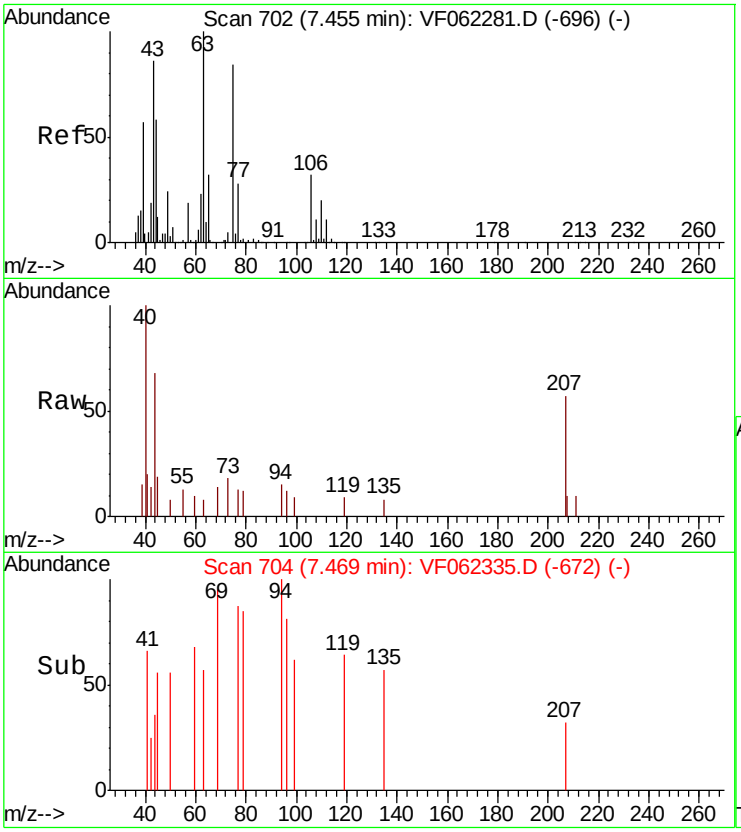




#57
1,3-Dichloropropane
Concen: 1.371 ug/l
RT: 8.99 min Scan# 858
Delta R.T. -0.02 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion: 76 Resp: 59

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 418.6 | 27.0 | 40.6# |



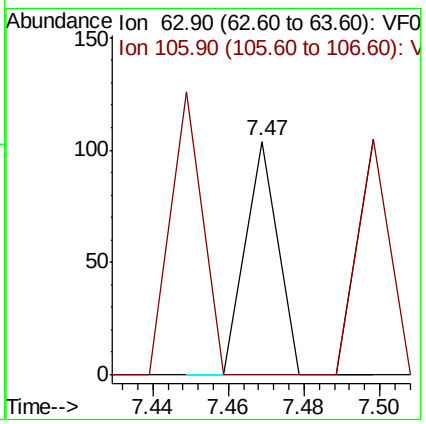


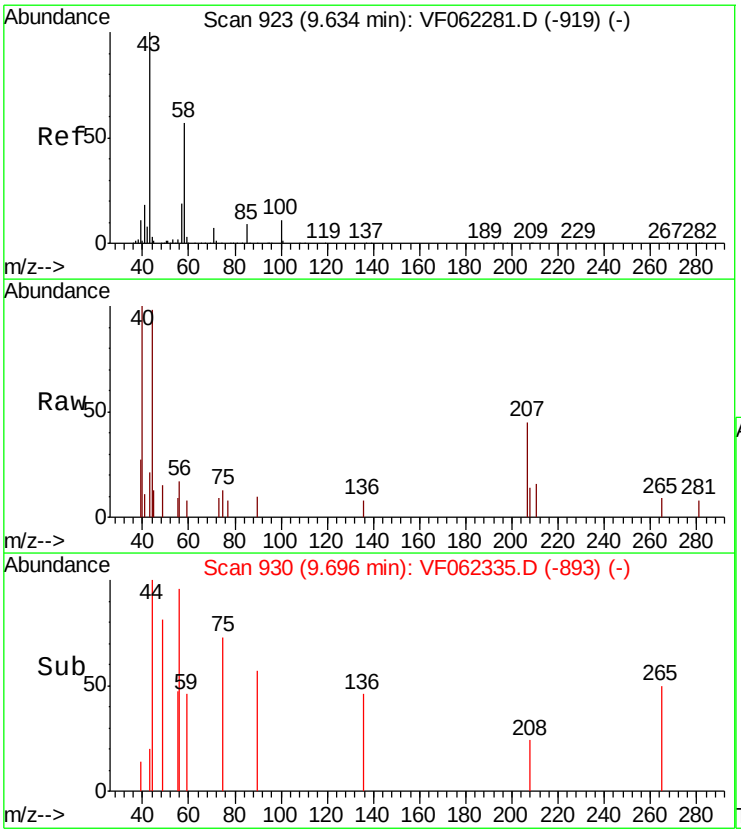

#58
2-Chloroethyl Vinyl ether
Concen: 6.774 ug/l
RT: 7.47 min Scan# 704
Delta R.T. 0.01 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :** MSVOA_F
**ClientSampleId :**

Tgt Ion: 63 Resp: 62

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 121.0 | 24.7 | 37.1# |

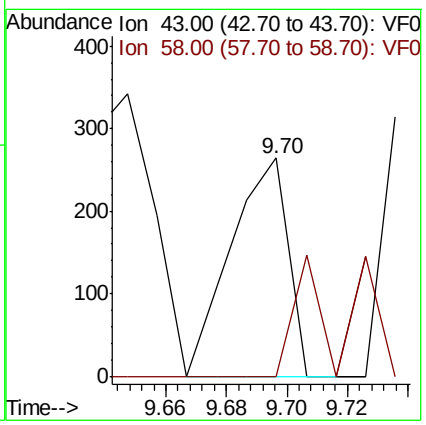


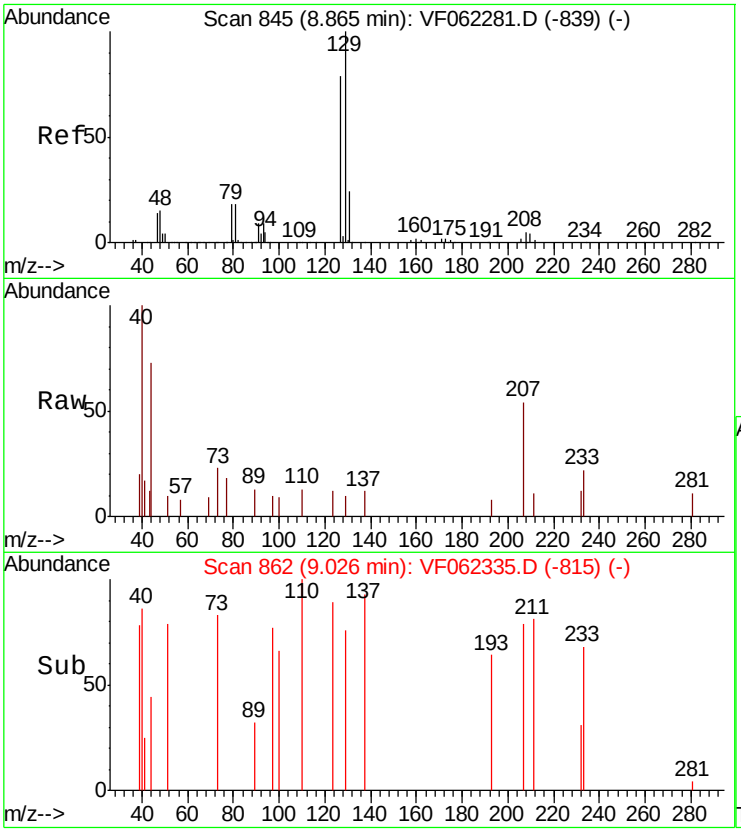




#59
2-Hexanone
Concen: 11.324 ug/l
RT: 9.70 min Scan# 930
Delta R.T. 0.06 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion: 43 Resp: 348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 49.7 | 24.9 | 74.7 |



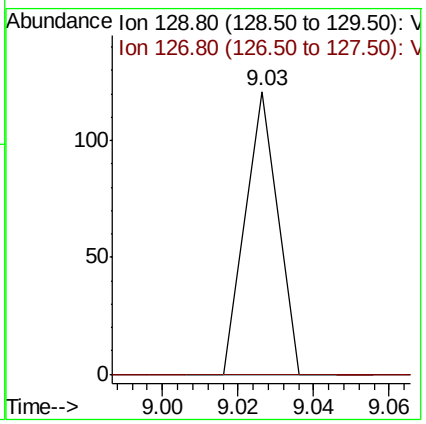


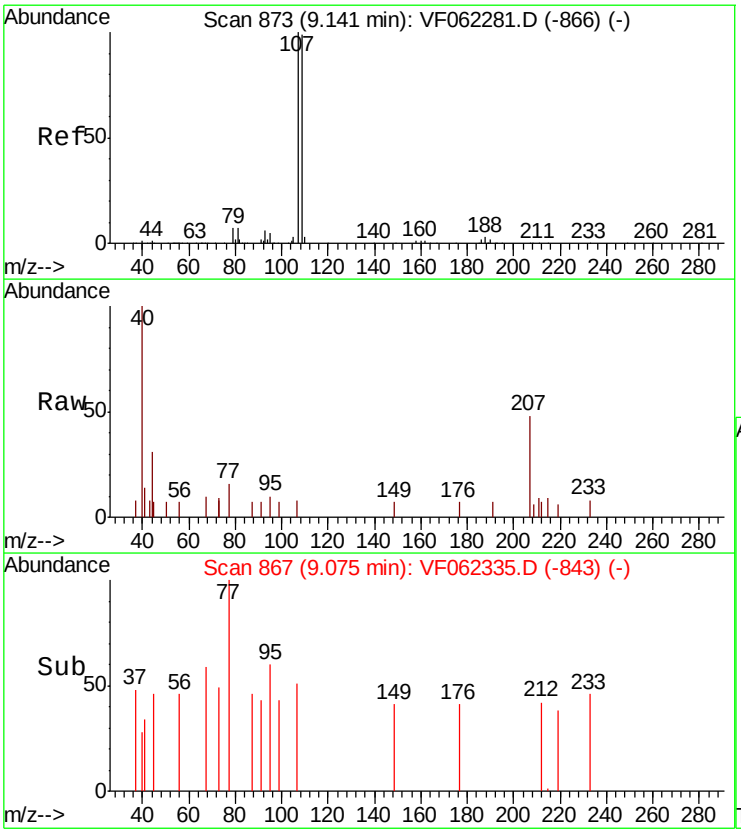

#60
Dibromochloromethane
Concen: 1.620 ug/l
RT: 9.03 min Scan# 862
Delta R.T. 0.16 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :** MSVOA_F
**ClientSampleId :**

Tgt Ion:129 Resp: 72

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 38.8 | 116.4# |

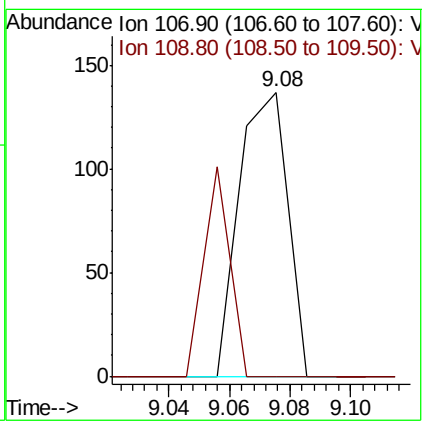


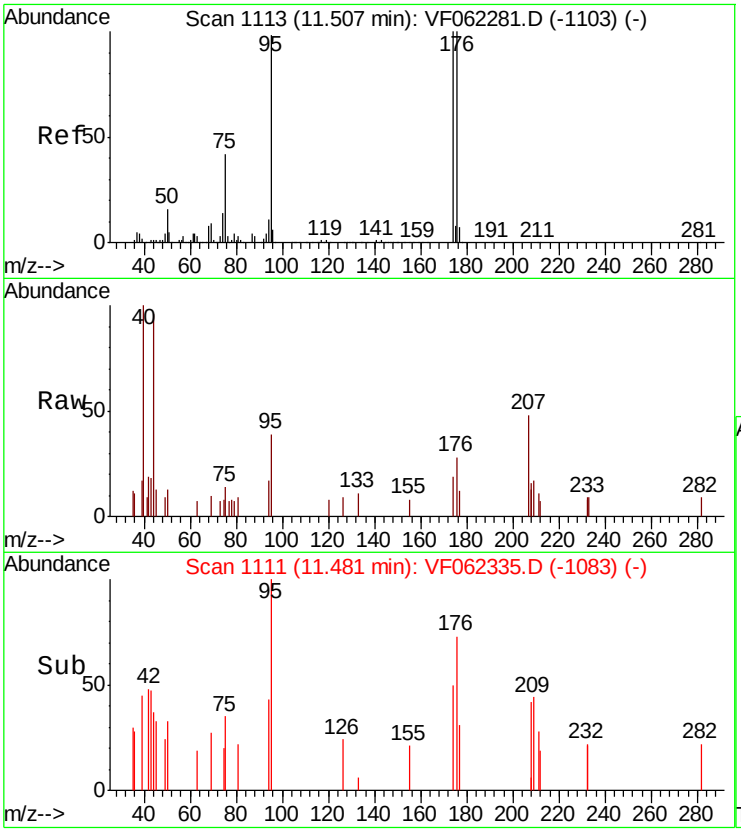




#61
1,2-Dibromoethane
Concen: 4.828 ug/l
RT: 9.08 min Scan# 867
Delta R.T. -0.07 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion:107 Resp: 153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 39.2 | 78.7 | 118.1# |



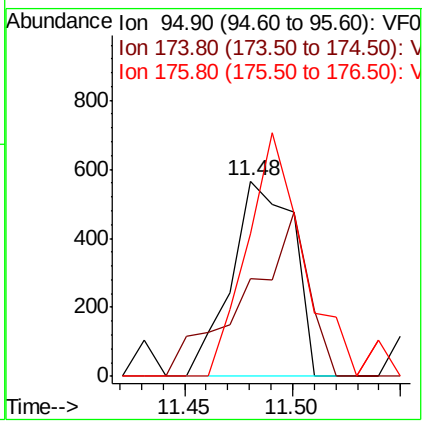


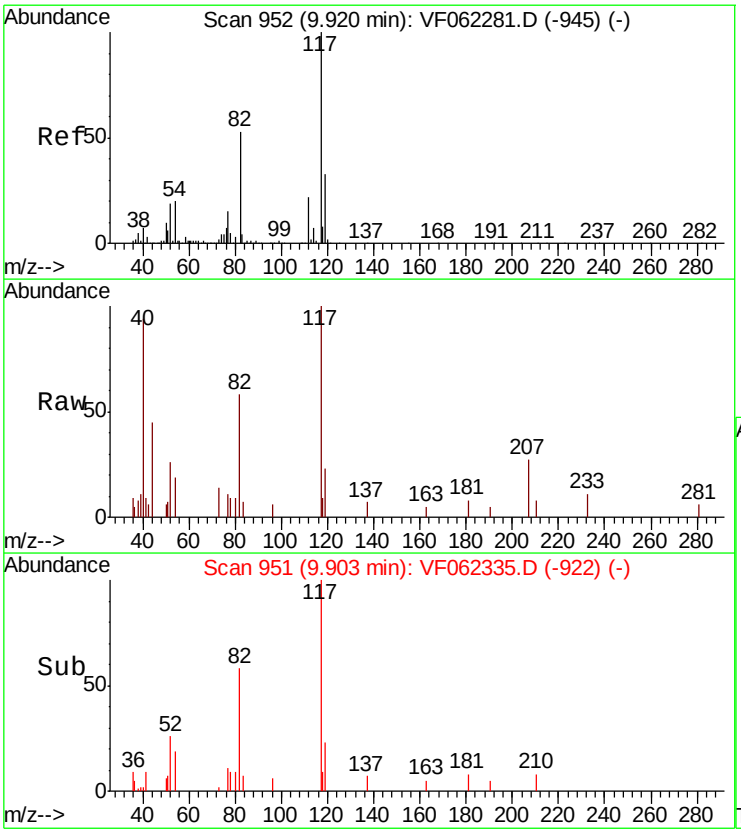

#62
4-Bromofluorobenzene
Concen: 20.232 ug/l
RT: 11.48 min Scan# 1111
Delta R.T. -0.03 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :**
MSVOA_F
**ClientSampleId :**

Tgt Ion: 95 Resp: 1132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 84.7 | 0.0 | 185.2 |
| 176 | 117.2 | 0.0 | 184.8 |

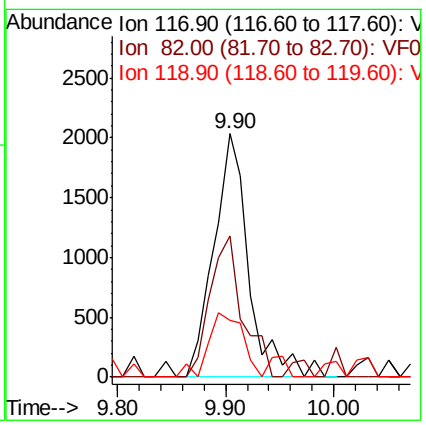


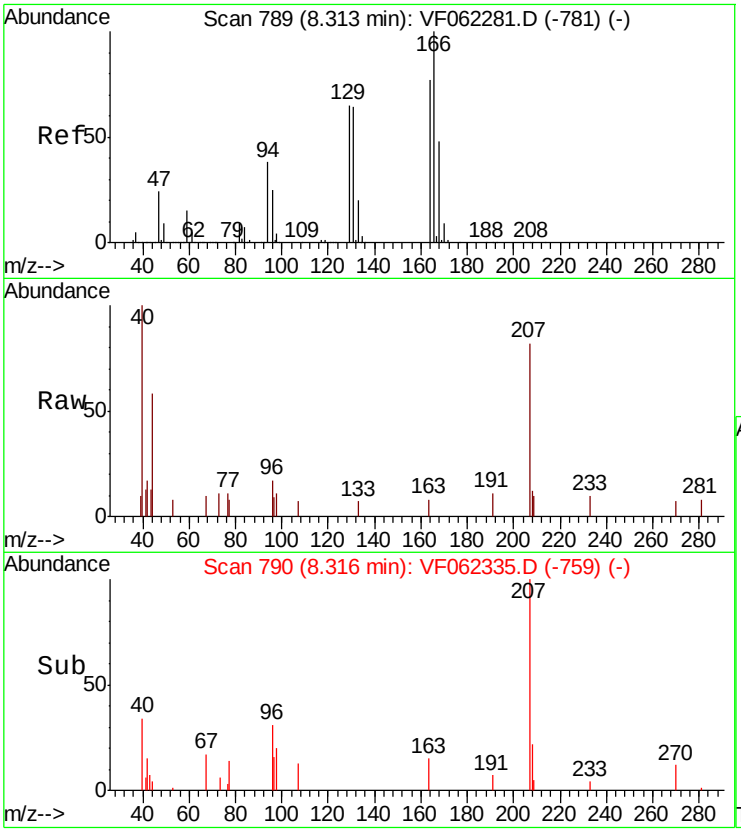




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.02 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion:117 Resp: 4597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 58.0 | 42.6 | 64.0 |
| 119 | 17.7 | 26.1 | 39.1# |



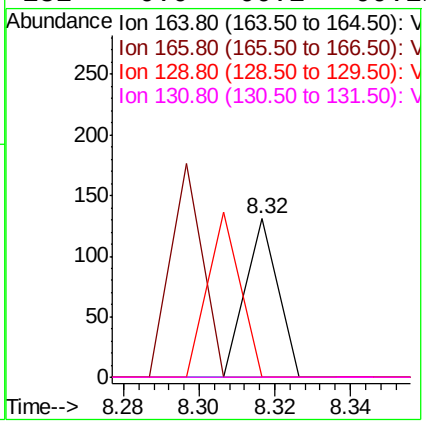


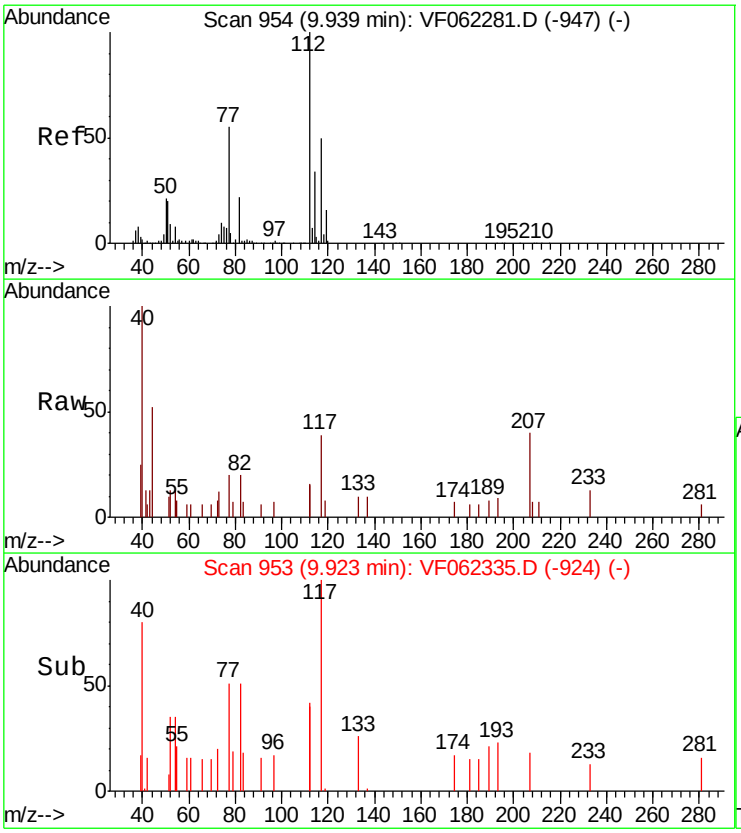

#64
Tetrachloroethene
Concen: 2.003 ug/l
RT: 8.32 min Scan# 790
Delta R.T. 0.00 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :**
MSVOA_F
**ClientSampleId :**

Tgt Ion:164 Resp: 77

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 0.0 | 103.5 | 155.3# |
| 129 | 0.0 | 67.6 | 101.4# |
| 131 | 0.0 | 66.1 | 99.1# |

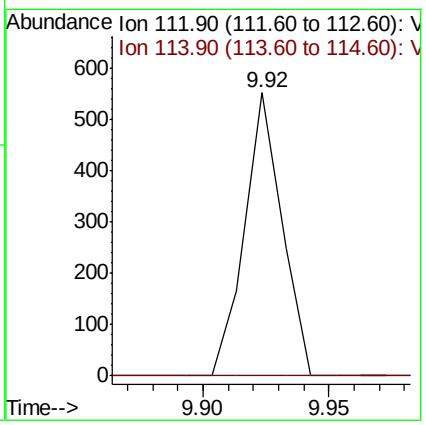


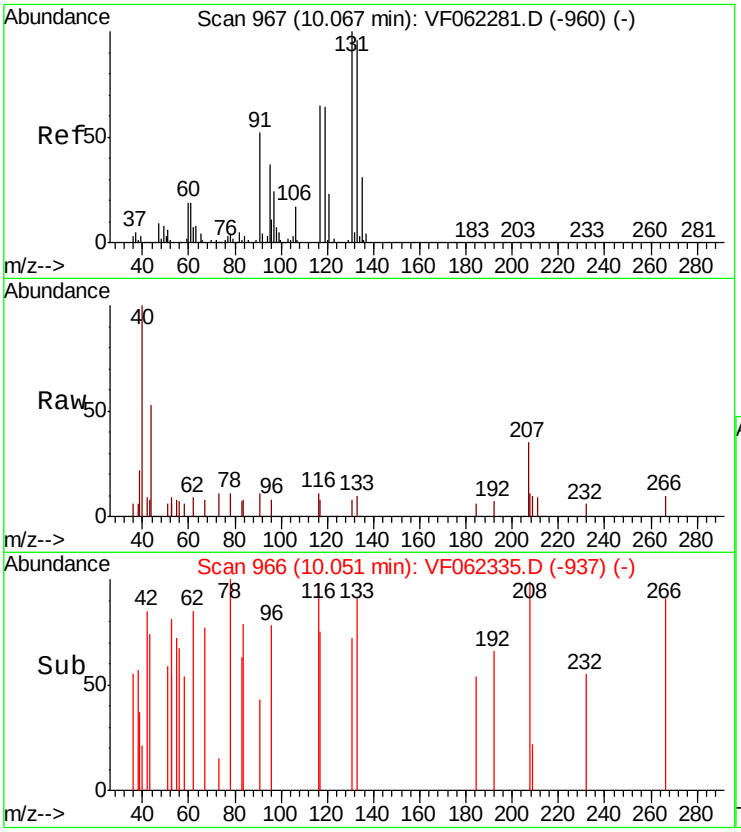




#65
Chlorobenzene
Concen: 6.797 ug/l
RT: 9.92 min Scan# 953
Delta R.T. -0.02 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion:112 Resp: 571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 0.0 | 27.0 | 40.6# |



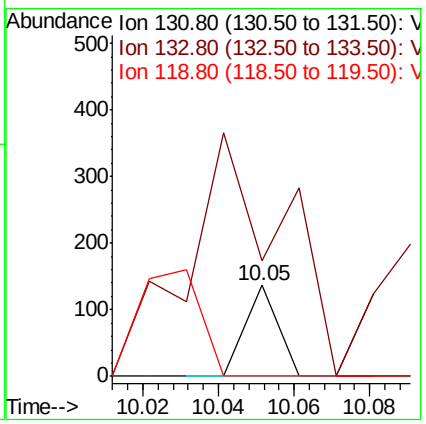


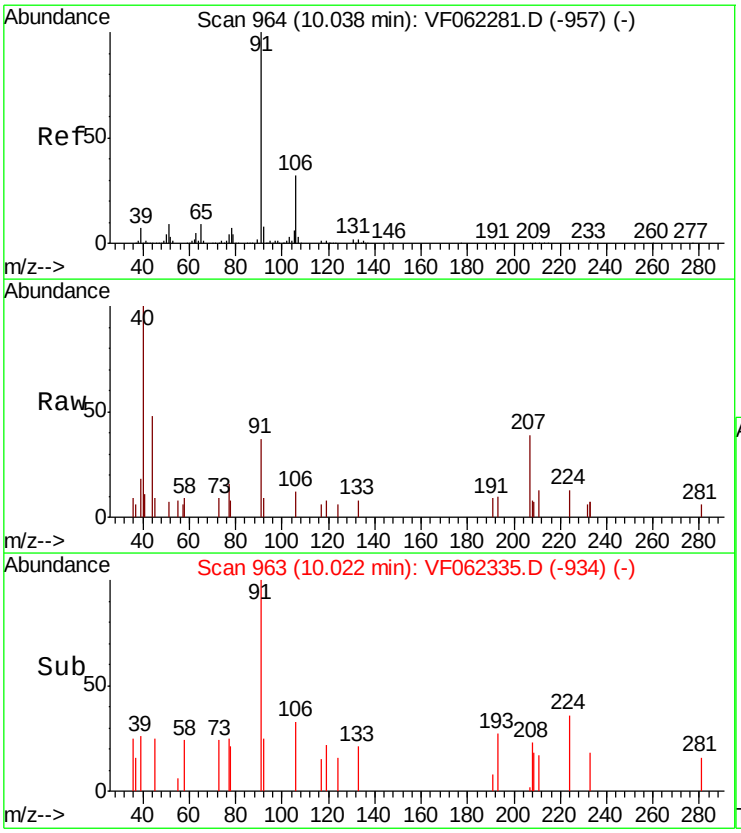

#66
1,1,1,2-Tetrachloroethane
Concen: 2.047 ug/l
RT: 10.05 min Scan# 966
Delta R.T. -0.02 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :**
MSVOA_F
**ClientSampleId :**

Tgt Ion:131 Resp: 81

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 874.1 | 48.5 | 145.5# |
| 119 | 224.7 | 32.9 | 98.7# |

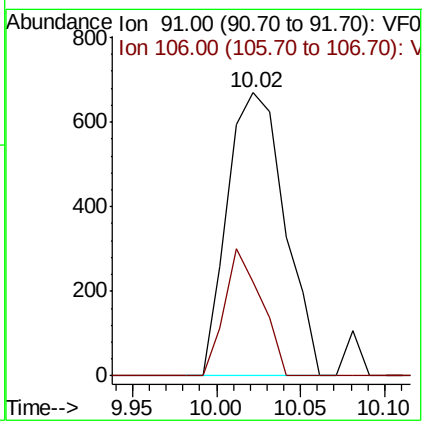


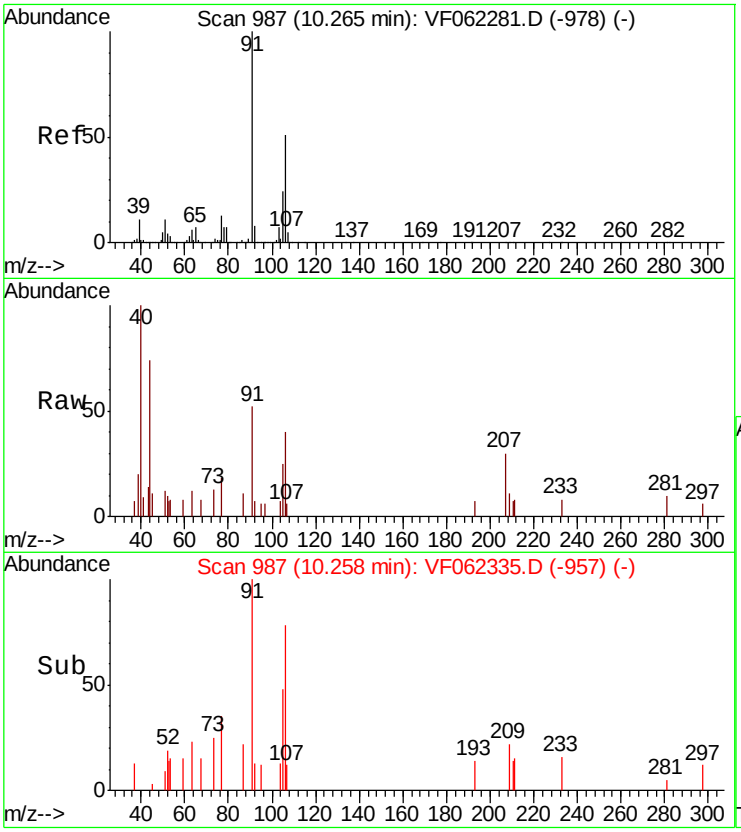




#67
Ethyl Benzene
Concen: 10.819 ug/l
RT: 10.02 min Scan# 963
Delta R.T. -0.02 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion: 91 Resp: 1580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 33.0 | 25.6 | 38.4 |



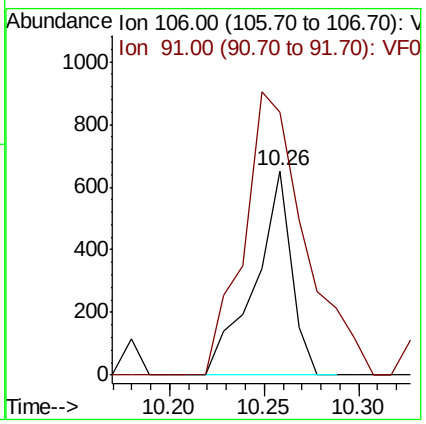


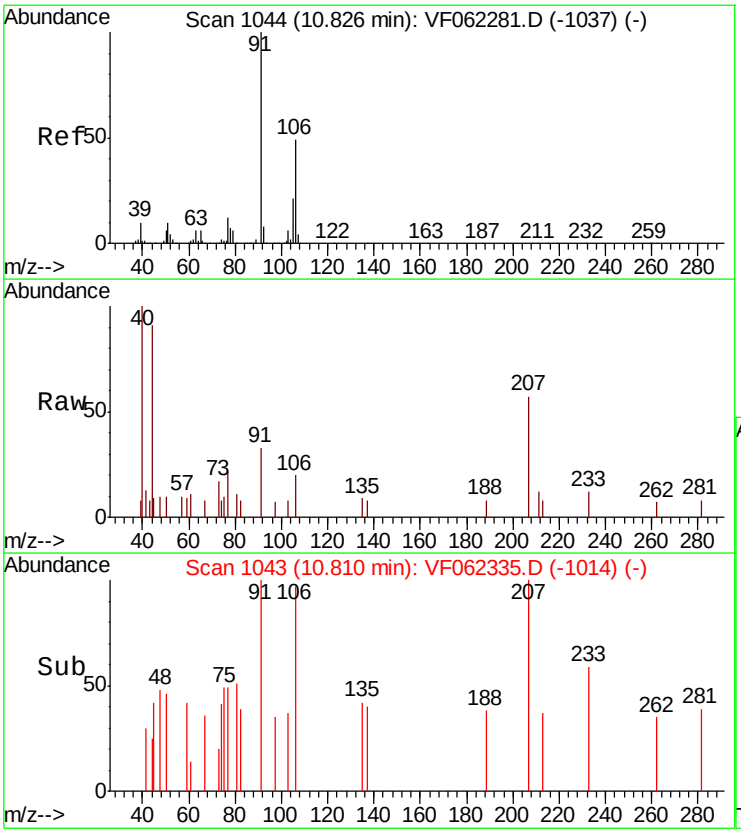

#68
m/p-Xylenes
Concen: 16.074 ug/l
RT: 10.26 min Scan# 987
Delta R.T. -0.01 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :**
MSVOA_F
**ClientSampleId :**

Tgt Ion:106 Resp: 874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 233.0 | 158.3 | 237.5 |

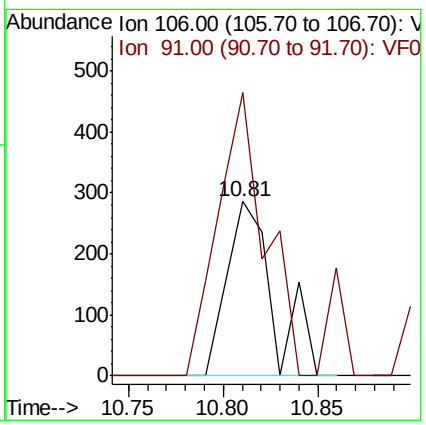


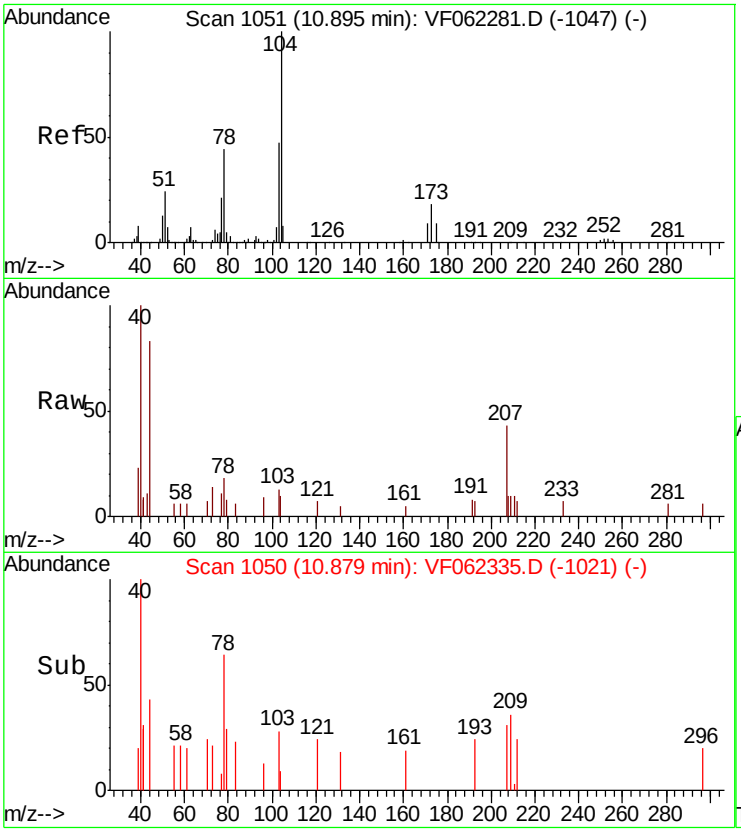




#69
o-Xylene
Concen: 7.951 ug/l
RT: 10.81 min Scan# 1043
Delta R.T. -0.02 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion:106 Resp: 483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 166.9 | 110.0 | 330.0 |



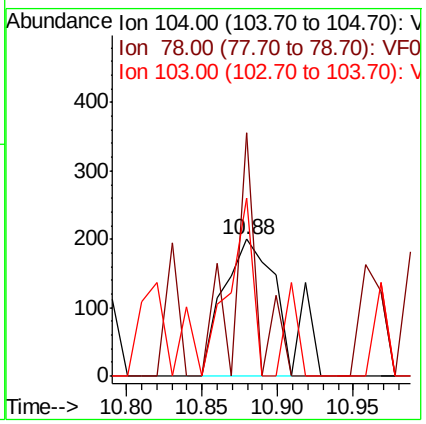


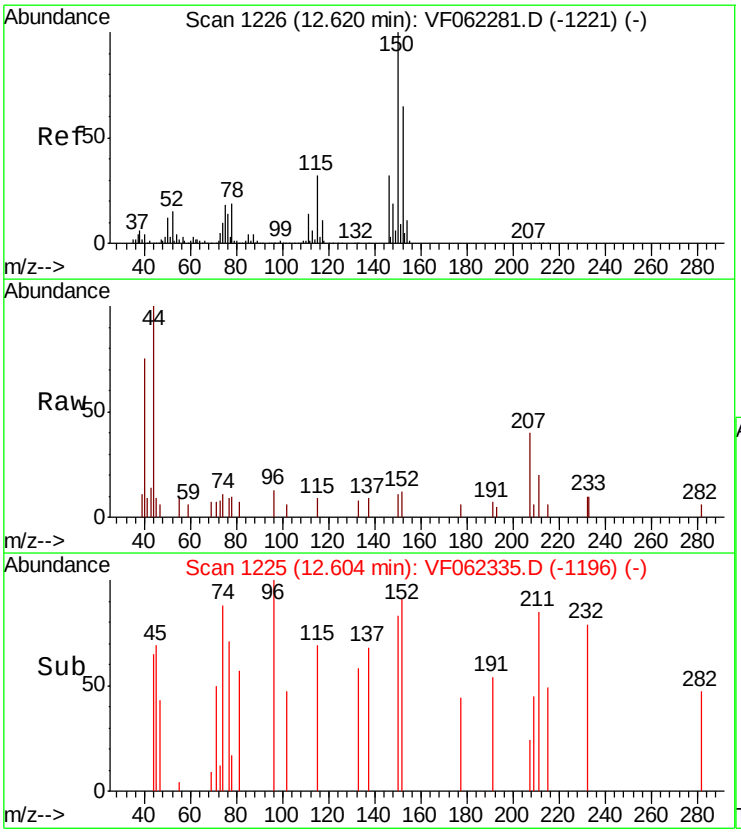

#70
Stvrene
Concen: 6.138 ug/l
RT: 10.88 min Scan# 1050
Delta R.T. -0.02 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :**
MSVOA_F
**ClientSampleId :**

Tgt Ion:104 Resp: 539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 70.3 | 35.9 | 53.9# |
| 103 | 53.6 | 37.5 | 56.3 |

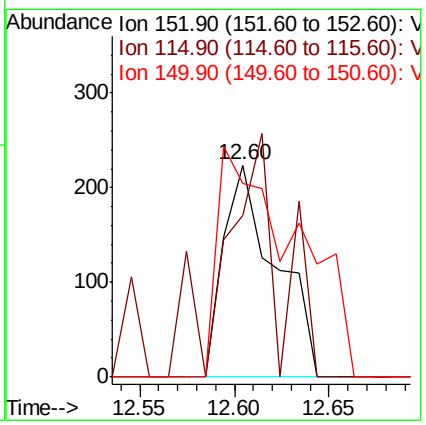


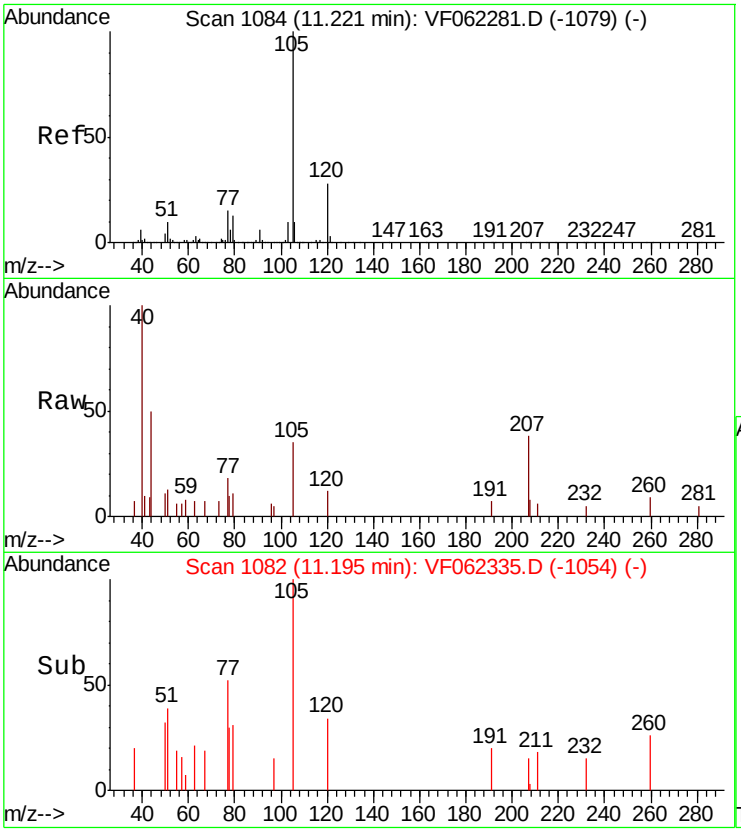




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1225
Delta R.T. -0.02 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion:152 Resp: 425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 123.8 | 25.6 | 76.8# |
| 150 | 164.2 | 0.0 | 330.6 |



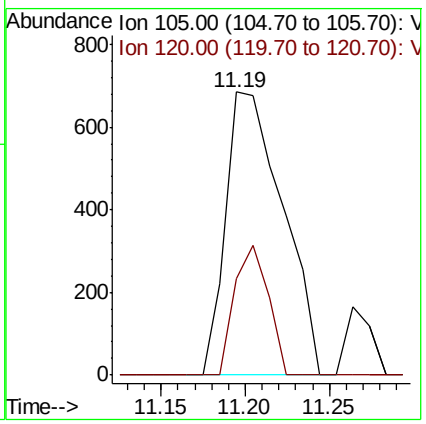


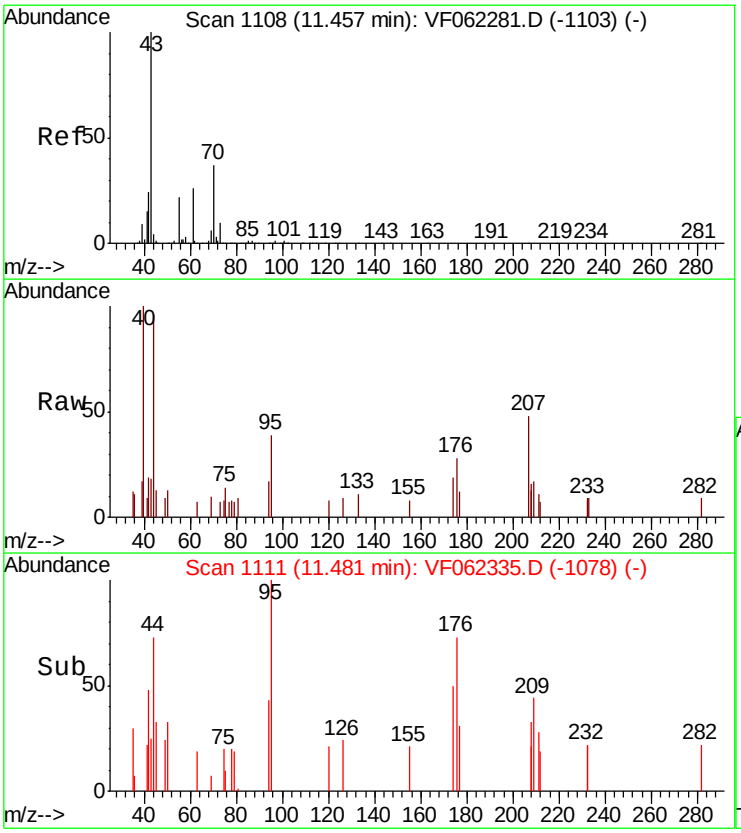

#73
Isopropylbenzene
Concen: 55.325 ug/l
RT: 11.19 min Scan# 1082
Delta R.T. -0.03 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :**
MSVOA_F
**ClientSampleId :**

Tgt Ion:105 Resp: 1611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 26.9 | 12.4 | 37.2 |

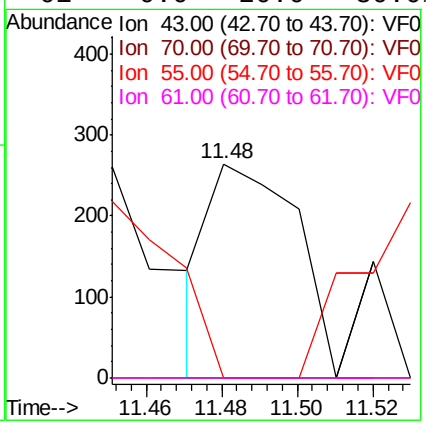


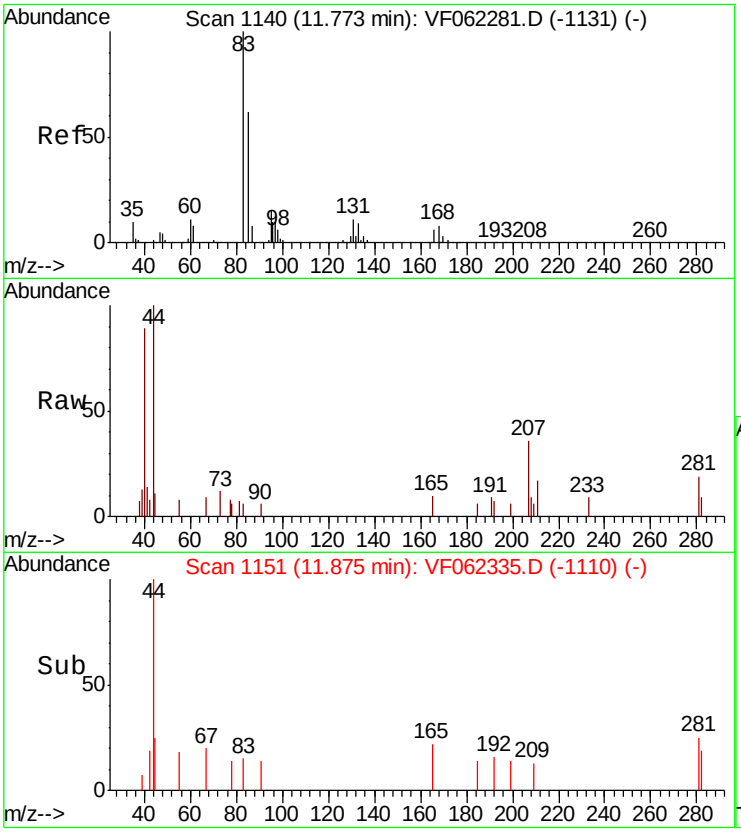




#74
N-amyl acetate
Concen: 62.749 ug/l
RT: 11.48 min Scan# 1111
Delta R.T. 0.02 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion: 43 Resp: 421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 0.0 | 27.8 | 41.8# |
| 55 | 0.0 | 16.6 | 24.8# |
| 61 | 0.0 | 20.0 | 30.0# |



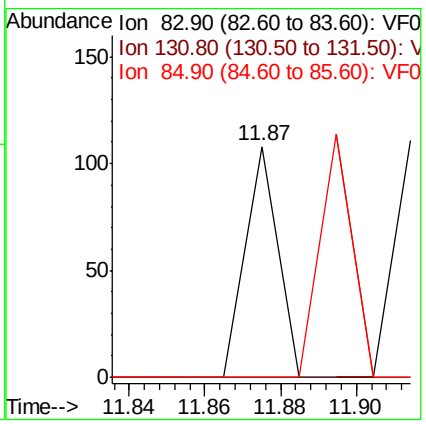


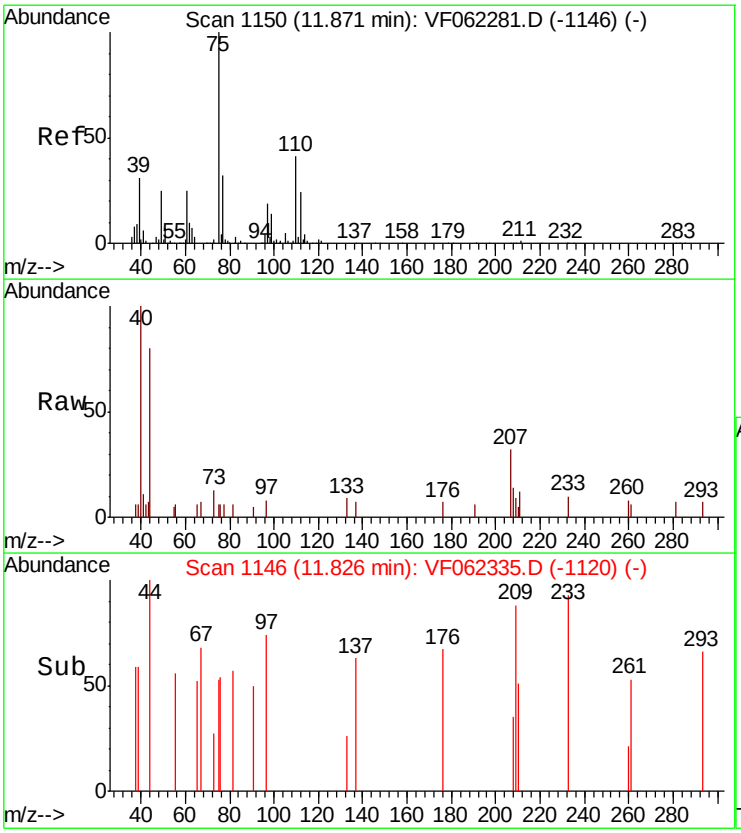

#75
1,1,2,2-Tetrachloroethane
Concen: 13.834 ug/l
RT: 11.87 min Scan# 1151
Delta R.T. 0.10 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :**
MSVOA_F
**ClientSampleId :**

Tgt Ion: 83 Resp: 64

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 0.0 | 5.5 | 16.5# |
| 85 | 104.7 | 34.5 | 103.6# |

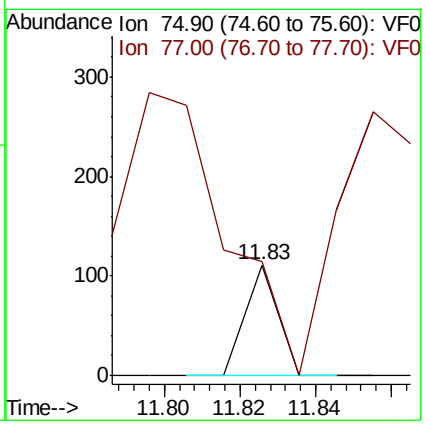


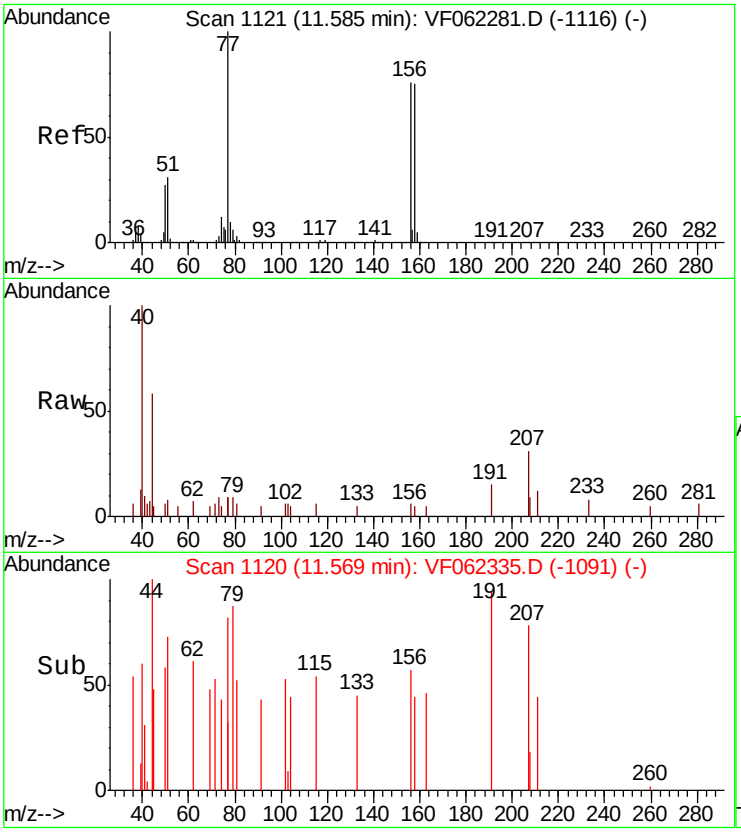




#76
1,2,3-Trichloropropane
Concen: 20.108 ug/l
RT: 11.83 min Scan# 1146
Delta R.T. -0.05 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion: 75 Resp: 66

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 0.0 | 0.0 | 0.0 |



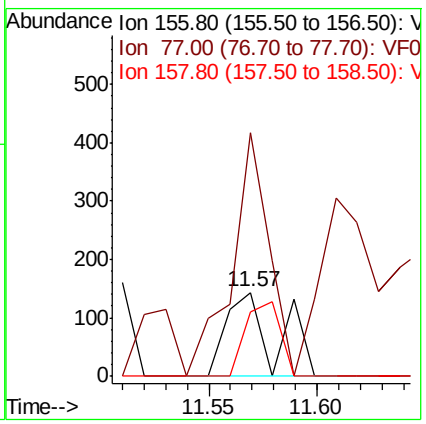


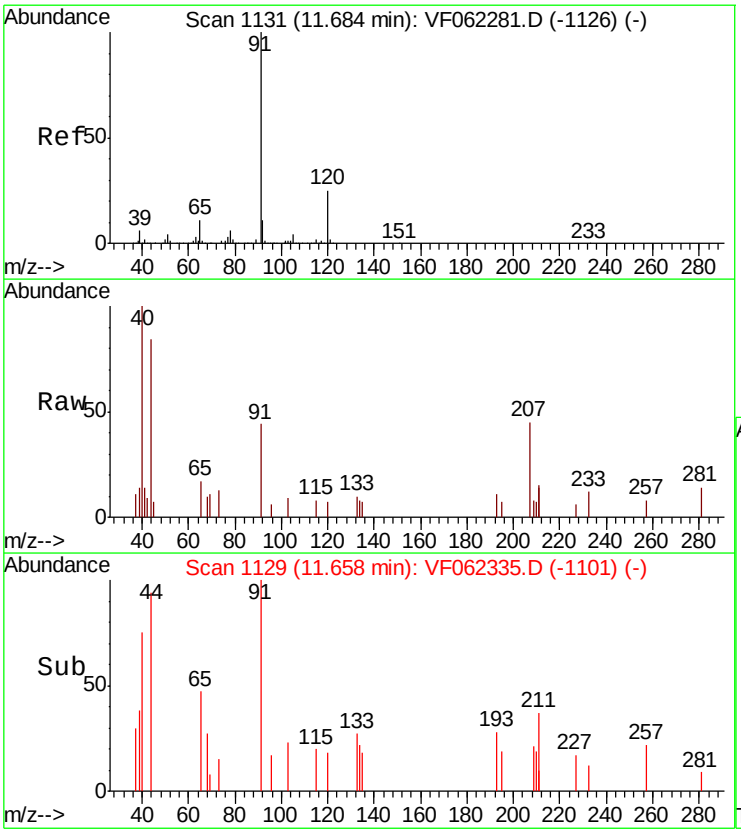

#77
Bromobenzene
Concen: 31.733 ug/l
RT: 11.57 min Scan# 1120
Delta R.T. -0.02 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :**
MSVOA_F
**ClientSampleId :**

Tgt Ion:156 Resp: 231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 214.7 | 67.3 | 201.9# |
| 158 | 60.6 | 49.5 | 148.5 |

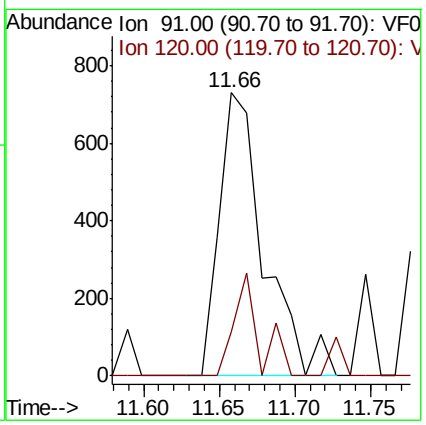


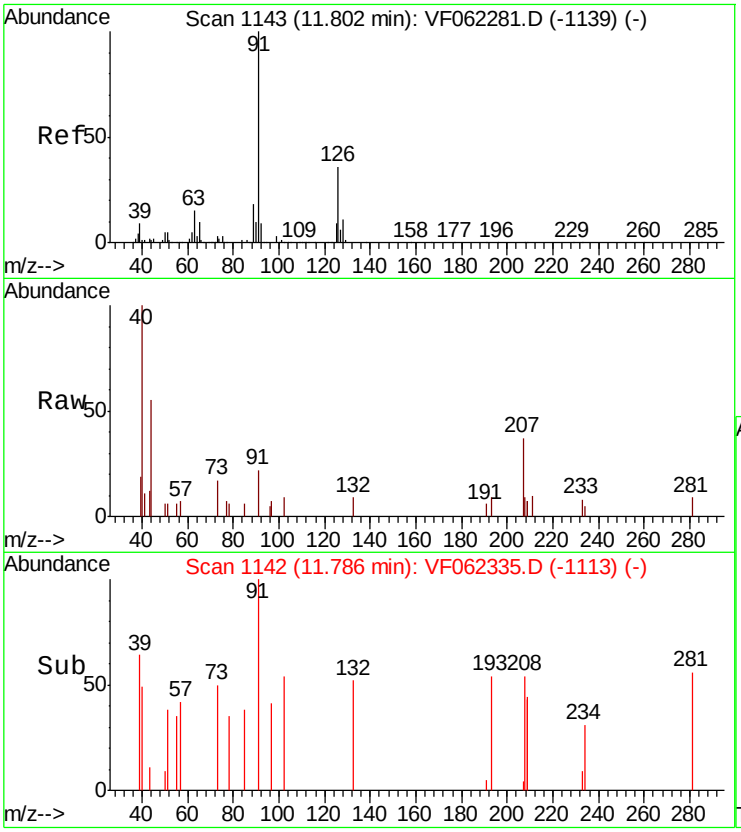




#78
n-propylbenzene
Concen: 48.957 ug/l
RT: 11.66 min Scan# 1129
Delta R.T. -0.03 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion: 91 Resp: 1500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 20.3 | 11.8 | 35.4 |



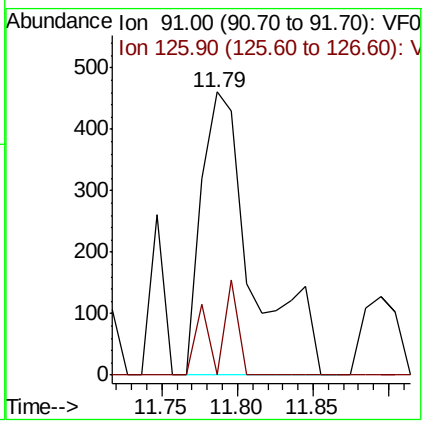


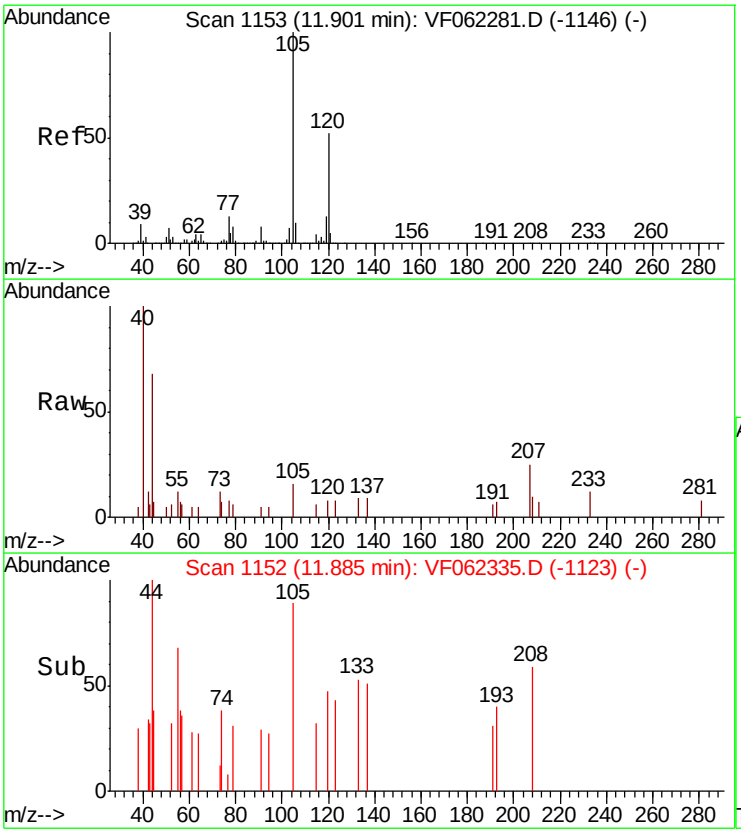

#79
2-Chlorotoluene
Concen: 58.682 ug/l
RT: 11.79 min Scan# 1142
Delta R.T. -0.02 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :** MSVOA_F
**ClientSampleId :**

Tgt Ion: 91 Resp: 1083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 6.3 | 17.9 | 53.8# |

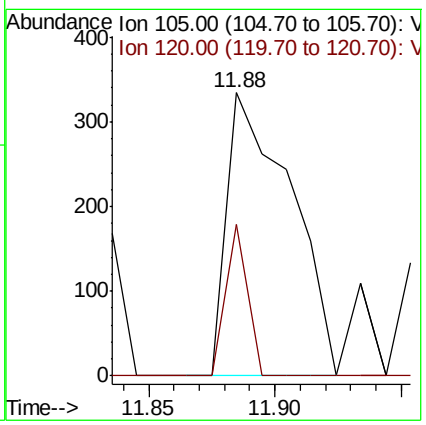


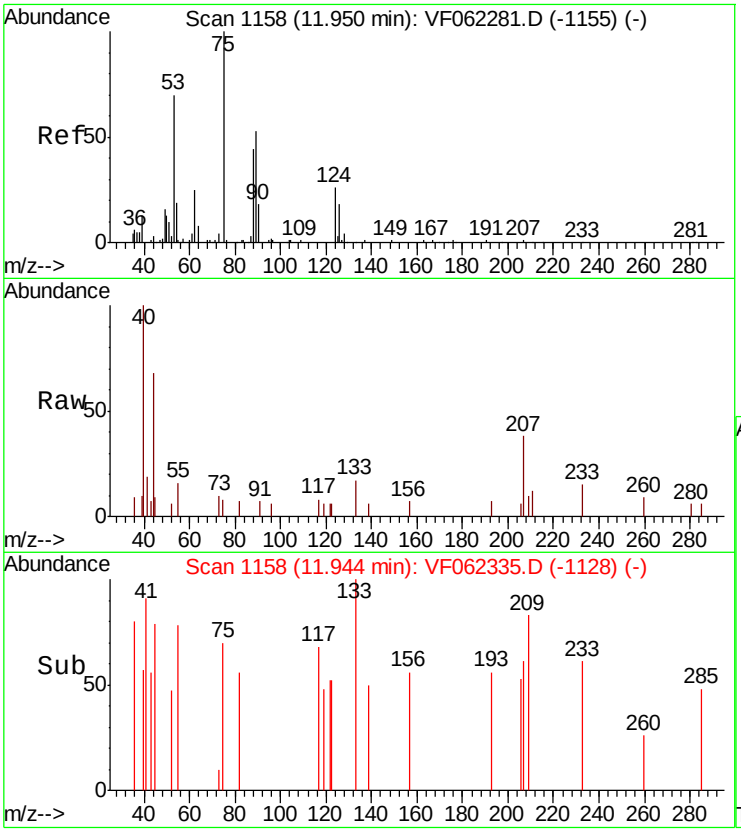




#80
1,3,5-Trimethylbenzene
Concen: 24.042 ug/l
RT: 11.88 min Scan# 1152
Delta R.T. -0.02 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion:105 Resp: 591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 17.9 | 25.8 | 77.4# |



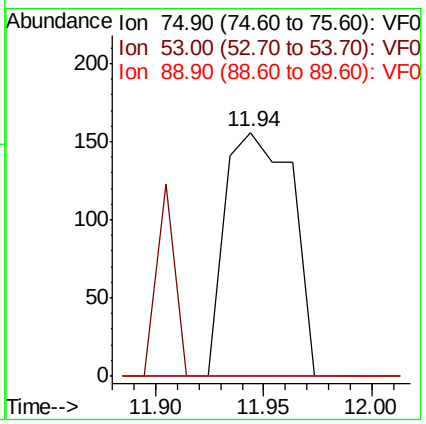


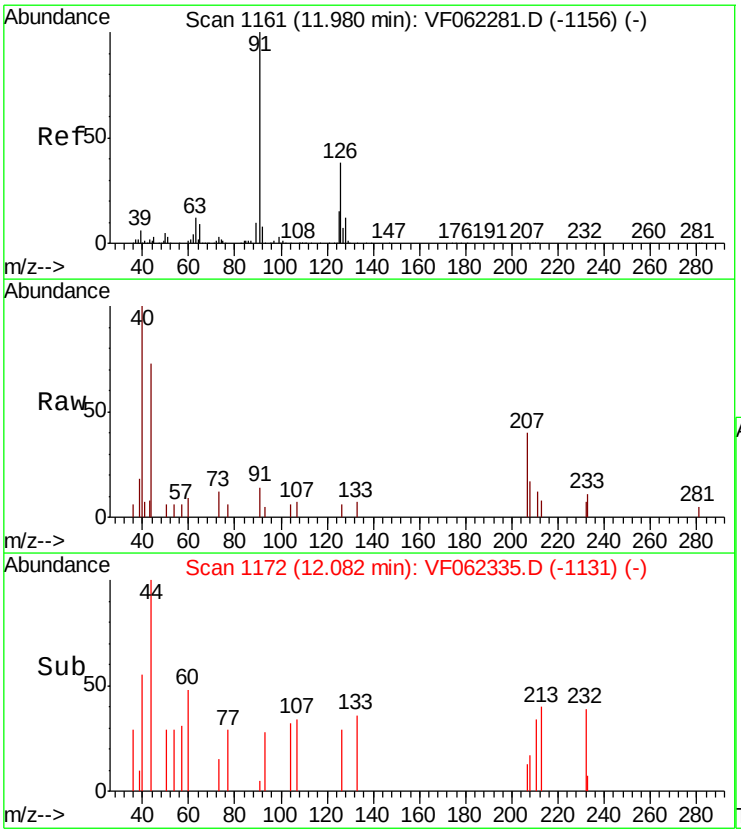

#81
trans-1,4-Dichloro-2-butene
Concen: 230.376 ug/l
RT: 11.94 min Scan# 1158
Delta R.T. -0.01 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :** MSVOA_F
**ClientSampleId :**

Tgt Ion: 75 Resp: 338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 67.1 | 100.7# |
| 89 | 0.0 | 0.0 | 0.0 |

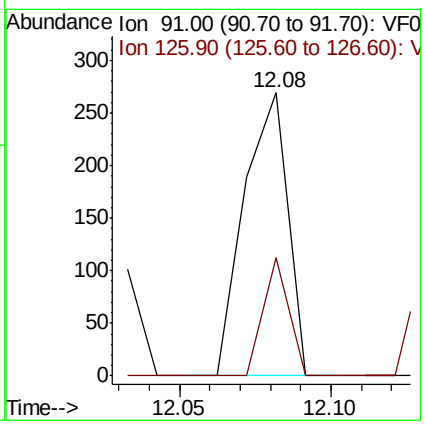


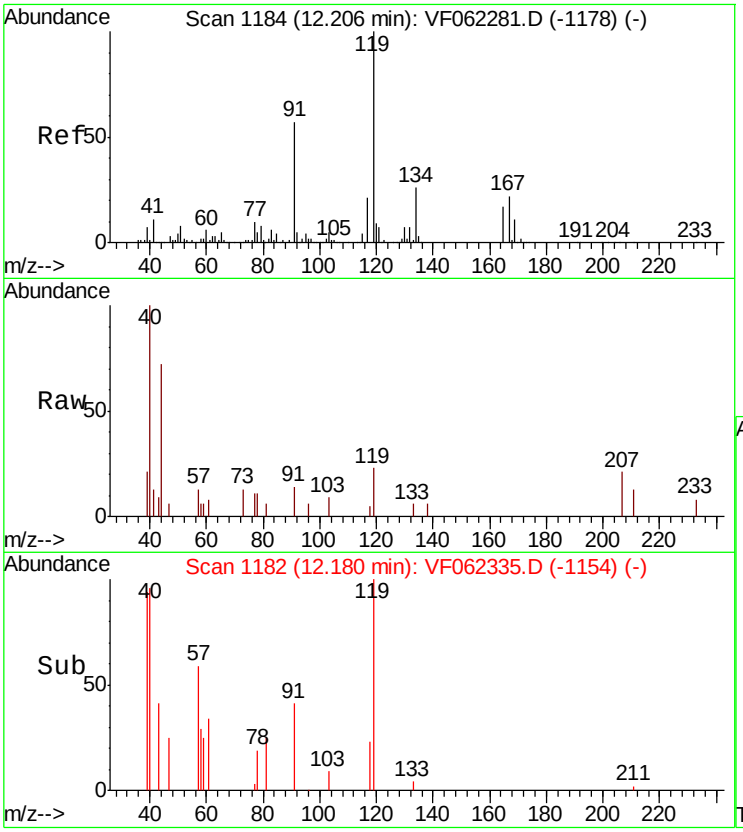




#82
4-Chlorotoluene
Concen: 14.840 ug/l
RT: 12.08 min Scan# 1172
Delta R.T. 0.10 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion: 91 Resp: 271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 24.4 | 17.3 | 52.0 |



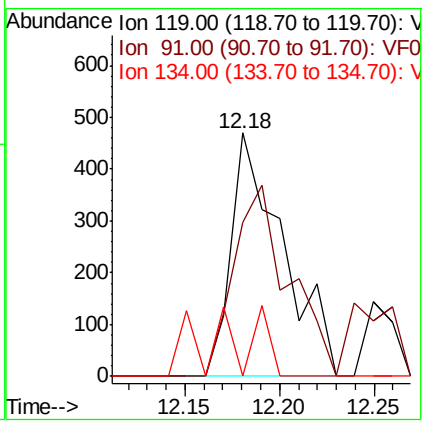


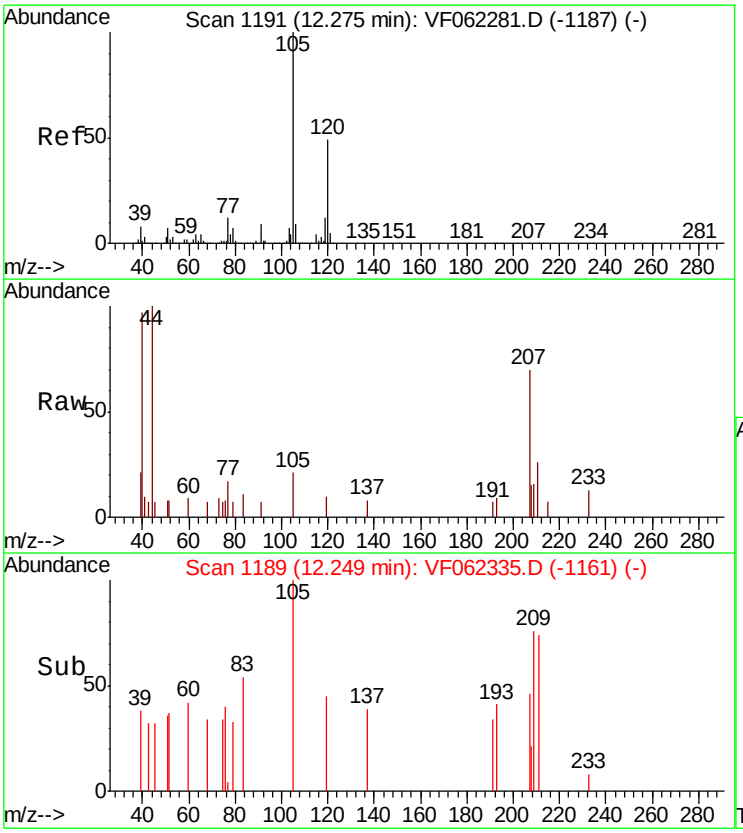

#83
tert-Butylbenzene
Concen: 35.239 ug/l
RT: 12.18 min Scan# 1182
Delta R.T. -0.03 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :**
MSVOA_F
**ClientSampleId :**

Tgt Ion:119 Resp: 889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 83.1 | 29.4 | 88.2 |
| 134 | 18.1 | 11.9 | 35.7 |

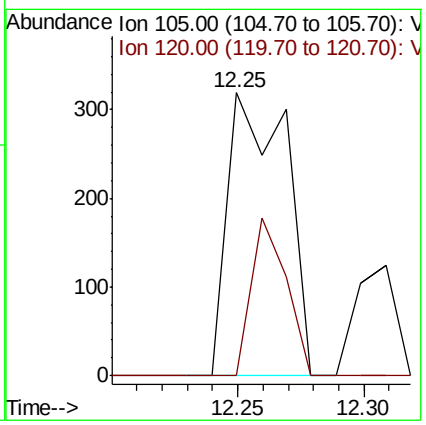


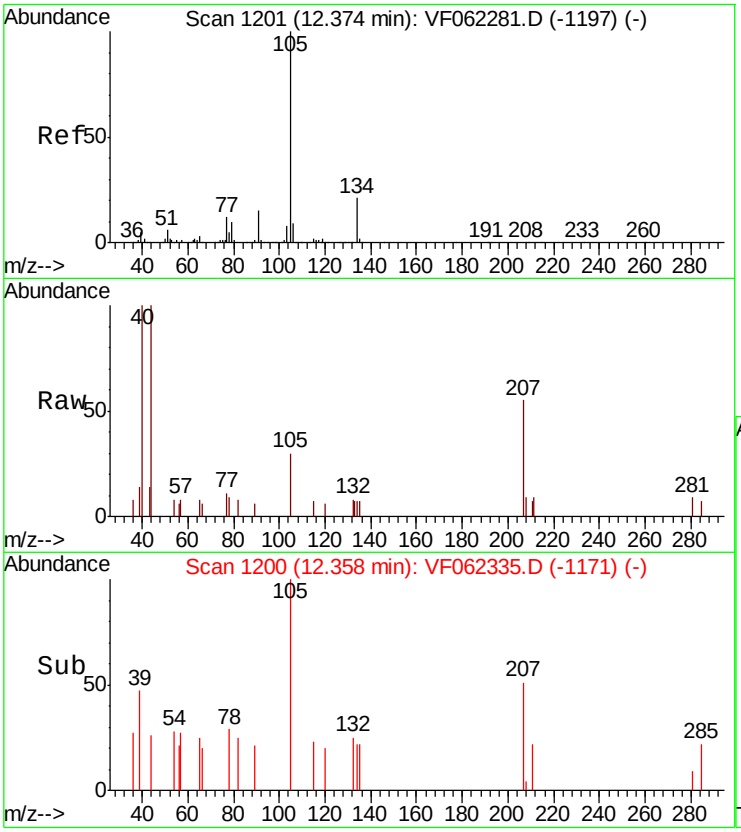




#84
1,2,4-Trimethylbenzene
Concen: 21.547 ug/l
RT: 12.25 min Scan# 1189
Delta R.T. -0.03 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion:105 Resp: 513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 33.5 | 24.1 | 72.2 |



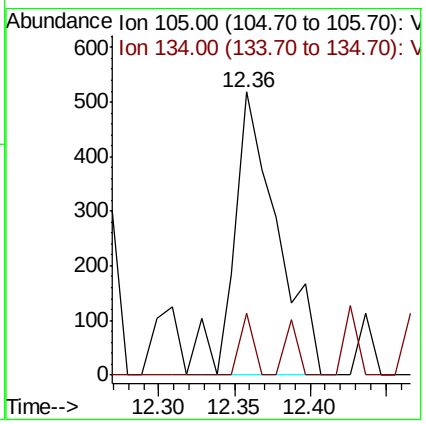


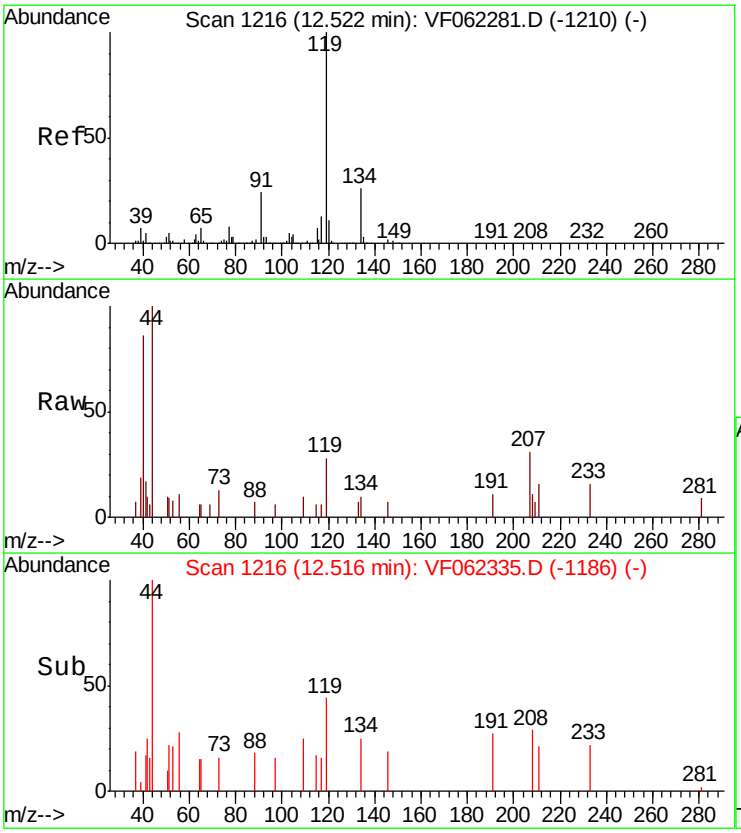

#85
sec-Butylbenzene
Concen: 33.289 ug/l
RT: 12.36 min Scan# 1200
Delta R.T. -0.02 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :**
MSVOA_F
**ClientSampleId :**

Tgt Ion:105 Resp: 1046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 6.3 | 10.2 | 30.4# |

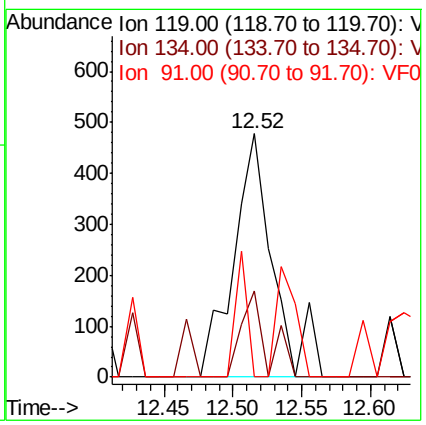


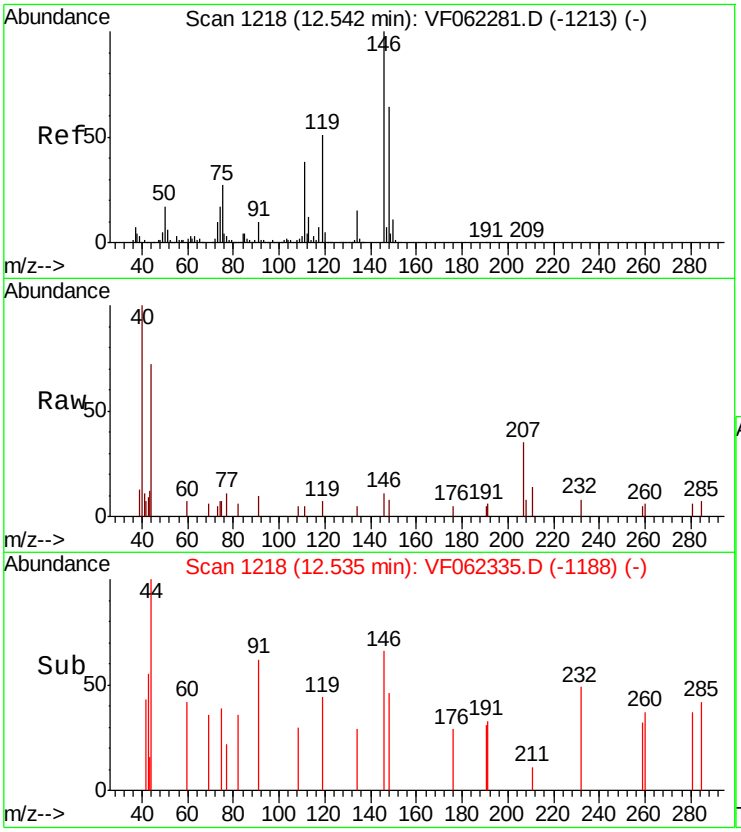




#86
p-Isopropyltoluene
Concen: 34.113 ug/l
RT: 12.52 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion:119 Resp: 961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 23.1 | 13.2 | 39.5 |
| 91 | 15.1 | 11.6 | 34.7 |



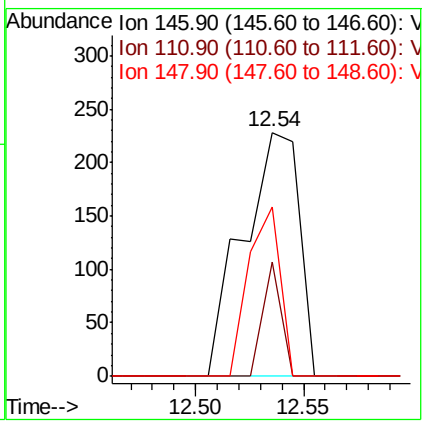


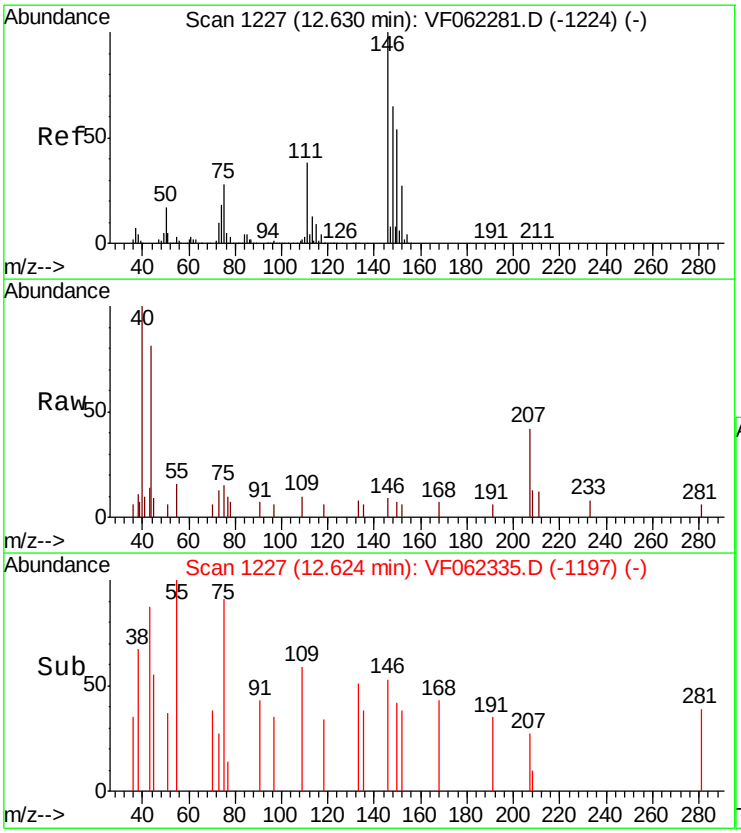

#87
1,3-Dichlorobenzene
Concen: 32.224 ug/l
RT: 12.54 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :**
MSVOA_F
**ClientSampleId :**

Tgt Ion:146 Resp: 415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 15.2 | 18.6 | 55.8# |
| 148 | 39.3 | 32.8 | 98.4 |

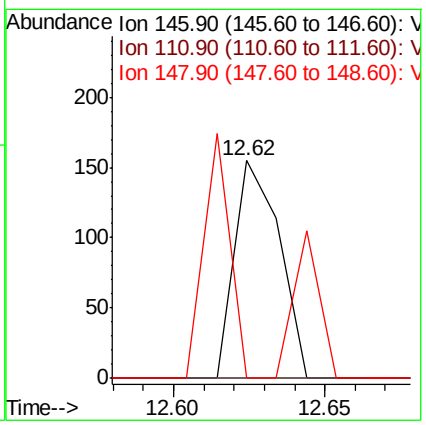


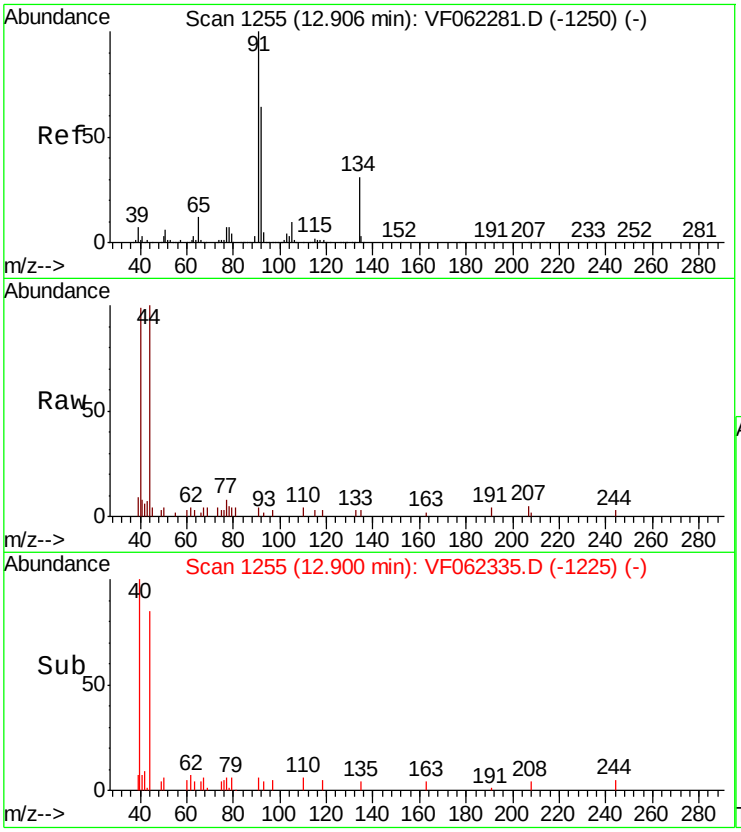




#88
1,4-Dichlorobenzene
Concen: 13.021 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion:146 Resp: 159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 0.0 | 18.6 | 56.0# |
| 148 | 64.8 | 32.5 | 97.5 |



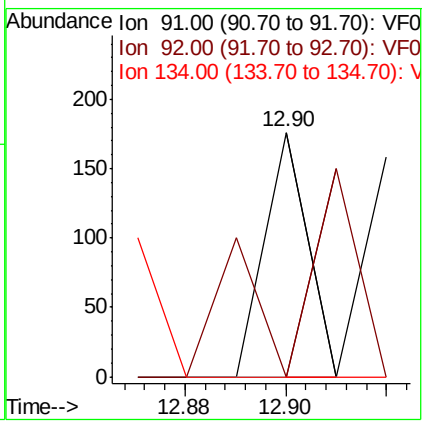


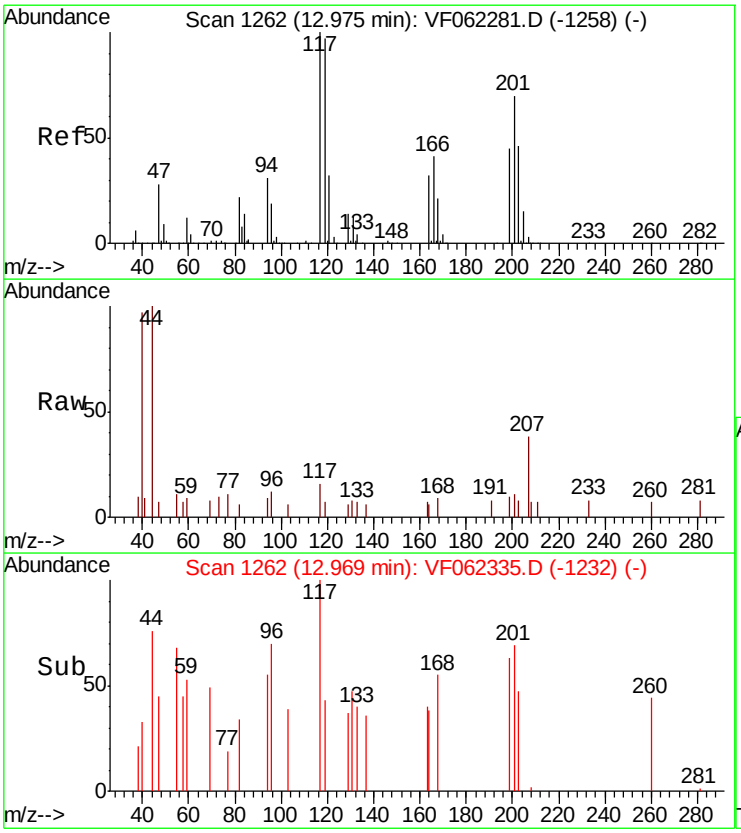

#89
n-Butylbenzene
Concen: 4.063 ug/l
RT: 12.90 min Scan# 1255
Delta R.T. -0.01 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :**
MSVOA_F
**ClientSampleId :**

Tgt Ion: 91 Resp: 104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 56.7 | 31.1 | 93.3 |
| 134 | 0.0 | 14.4 | 43.4# |

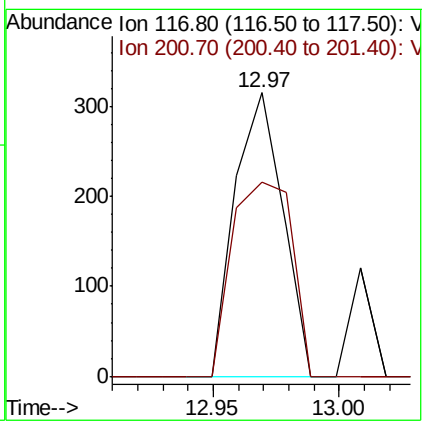


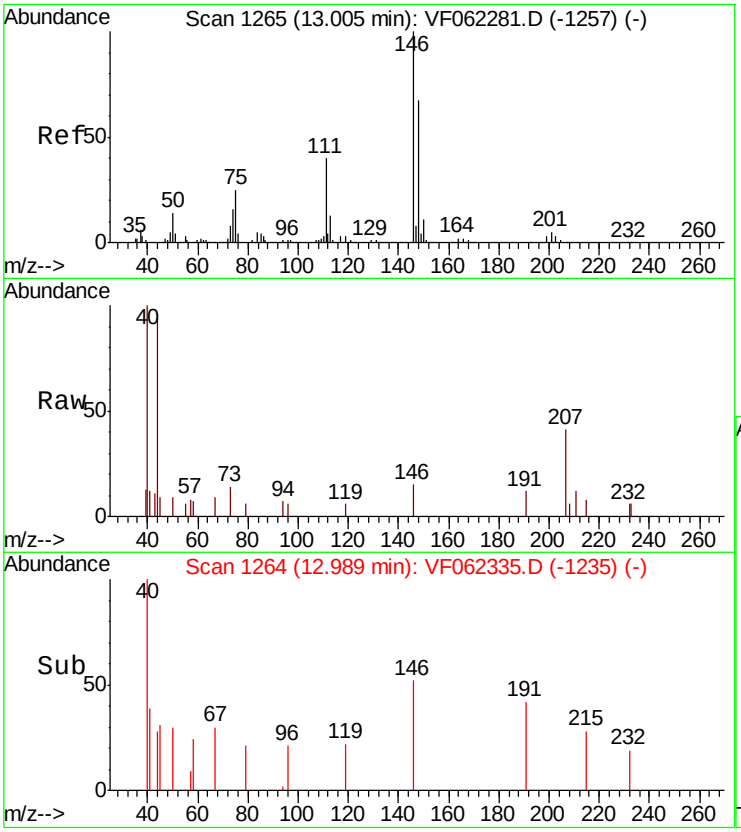




#90
Hexachloroethane
Concen: 58.910 ug/l
RT: 12.97 min Scan# 1262
Delta R.T. -0.01 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion:117 Resp: 416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 86.5 | 42.9 | 128.5 |



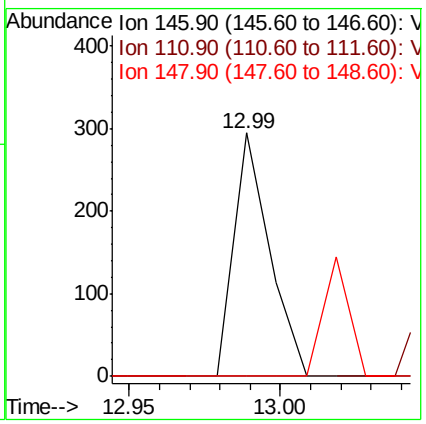


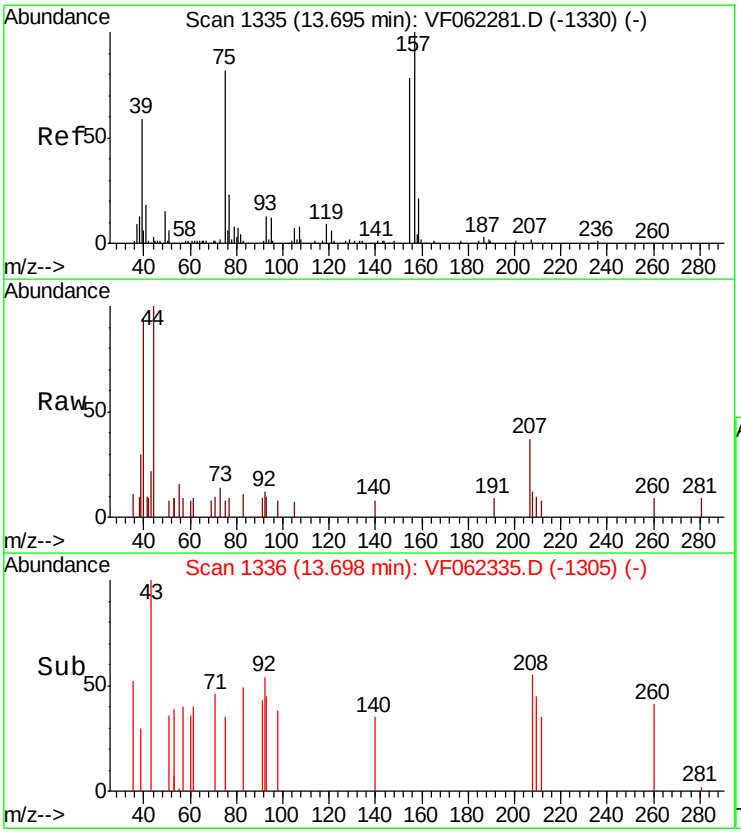

#91
1,2-Dichlorobenzene
Concen: 19.495 ug/l
RT: 12.99 min Scan# 1264
Delta R.T. -0.02 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :**
MSVOA_F
**ClientSampleId :**

Tgt Ion:146 Resp: 241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 0.0 | 20.0 | 59.9# |
| 148 | 0.0 | 33.1 | 99.5# |

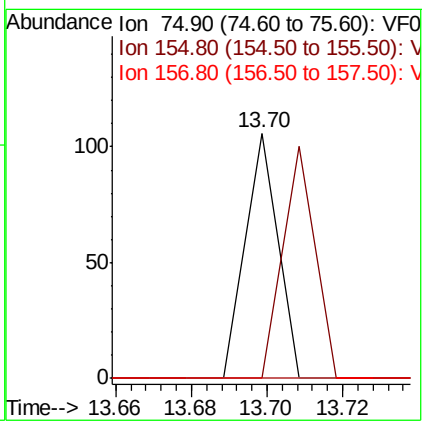


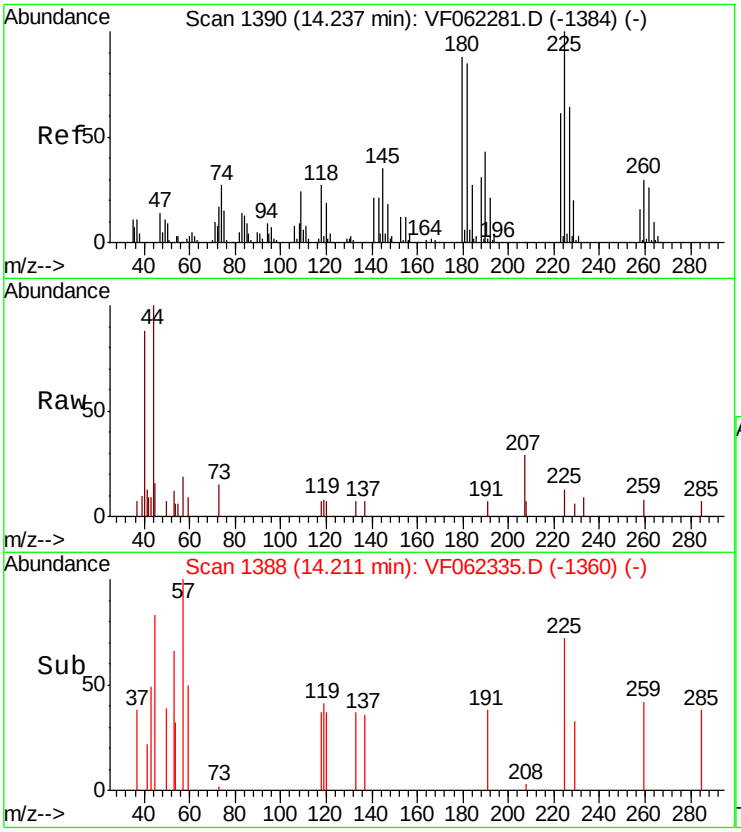




#92
1,2-Dibromo-3-Chloropropane
Concen: 67.504 ug/l
RT: 13.70 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion: 75 Resp: 63

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 93.7 | 51.7 | 155.2 |
| 157 | 0.0 | 64.5 | 193.5# |



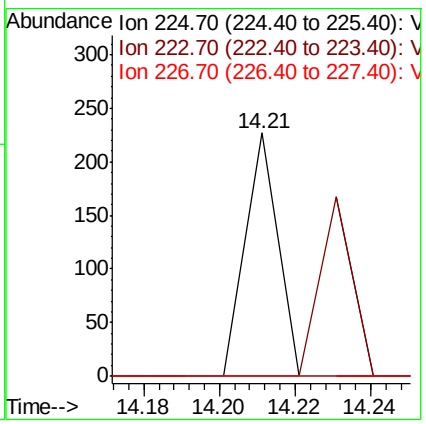


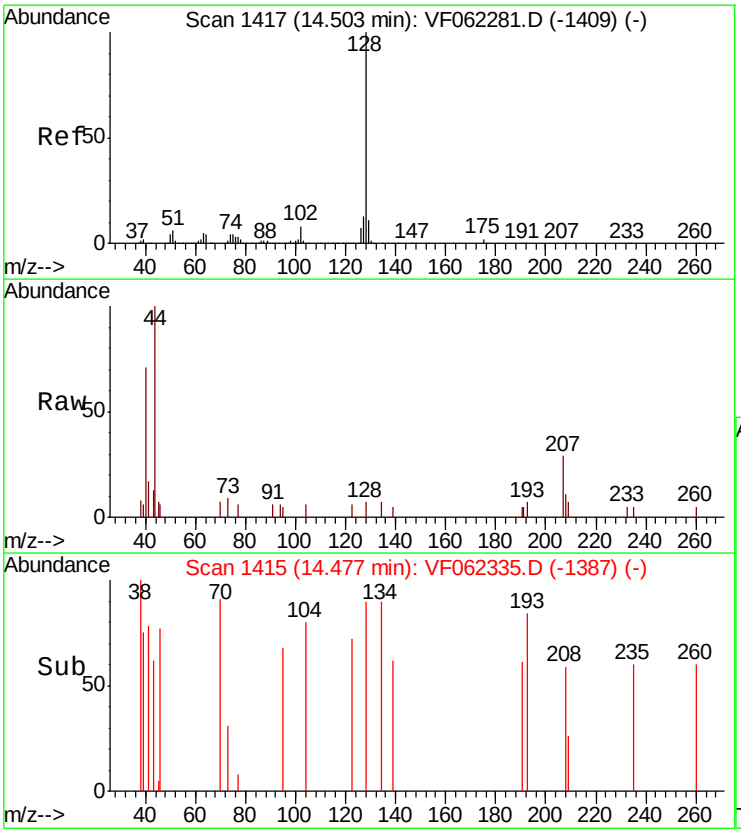

#94
Hexachlorobutadiene
Concen: 17.157 ug/l
RT: 14.21 min Scan# 1388
Delta R.T. -0.03 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :**
MSVOA_F
**ClientSampleId :**

Tgt Ion:225 Resp: 134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 73.9 | 30.8 | 92.3 |
| 227 | 0.0 | 31.9 | 95.5# |

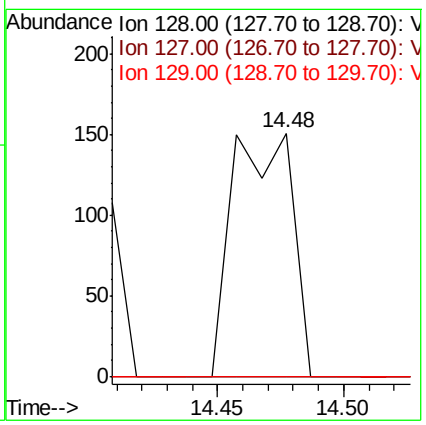


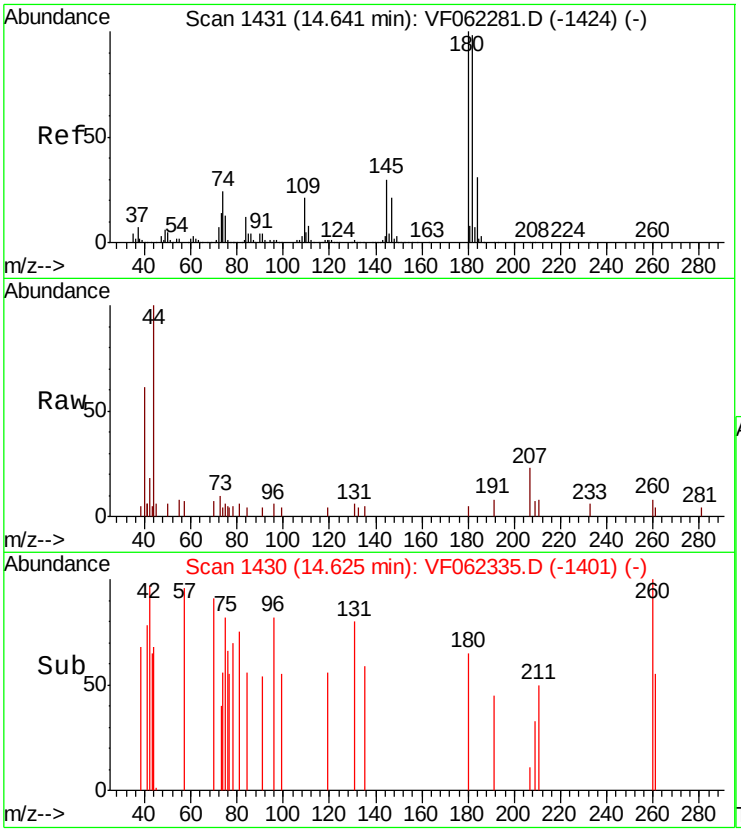




#95
Naphthalene
Concen: 14.918 ug/l
RT: 14.48 min Scan# 1415
Delta R.T. -0.03 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

Tgt Ion:128 Resp: 251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 0.0 | 10.2 | 15.4# |
| 129 | 0.0 | 8.9 | 13.3# |






#96
1,2,3-Trichlorobenzene
Concen: 7.010 ug/l
RT: 14.63 min Scan# 1430
Delta R.T. -0.02 min
Lab File: VF062335.D
Acq: 30 Apr 2019 15:59

**Instrument :**
MSVOA_F
**ClientSampleId :**

Tgt Ion:180 Resp: 72

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 0.0 | 49.0 | 147.2# |
| 145 | 0.0 | 14.5 | 43.5# |