Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050719\
Data File : VN055440.D
Acq On : 7 May 2019 16:19
Operator : JC/SP
Sample : K2678-02
Misc : 3.85g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** MSVOA_N
**ClientSampleId :** FK-0D015-03-003

Quant Time: May 07 16:52:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.66 | 168 | 433589 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.59 | 114 | 656502 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.41 | 117 | 542347 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152 | 197384 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.03 | 65 | 274626 | 48.42 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 96.84% | | | |
| 35) Dibromofluoromethane | 7.59 | 113 | 210757 | 48.91 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 97.82% | | | |
| 50) Toluene-d8 | 10.09 | 98 | 778680 | 50.05 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.10% | | | |
| 62) 4-Bromofluorobenzene | 12.40 | 95 | 245440 | 50.47 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 100.94% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 11) Tert butyl alcohol | 4.73 | 59 | 564 | 1.737 | ug/l # | 73 |
| 14) Allyl chloride | 4.32 | 41 | 2252 | 0.254 | ug/l # | 37 |
| 16) Acetone | 3.84 | 43 | 1258 | 0.712 | ug/l | 99 |
| 17) Carbon Disulfide | 4.05 | 76 | 2881 | 0.258 | ug/l # | 74 |
| 18) Methyl Acetate | 4.33 | 43 | 136037 | 31.207 | ug/l | 98 |
| 20) Methylene Chloride | 4.55 | 84 | 2986 | 0.554 | ug/l # | 61 |
| 25) 2-Butanone | 6.85 | 43 | 1060 | 0.469 | ug/l # | 83 |
| 31) Cyclohexane | 7.66 | 56 | 10005 | 1.121 | ug/l # | 2 |
| 36) 1,1-Dichloropropene | 7.66 | 75 | 33263 | 5.290 | ug/l # | 50 |
| 38) Carbon Tetrachloride | 7.66 | 117 | 41629 | 6.863 | ug/l # | 15 |
| 41) Methacrylonitrile | 7.21 | 41 | 399 | 0.891 | ug/l # | 43 |
| 43) Isopropyl Acetate | 8.22 | 43 | 6791 | 0.877 | ug/l # | 56 |
| 51) 4-Methyl-2-Pentanone | 10.00 | 43 | 1656 | 0.380 | ug/l # | 82 |
| 52) Toluene | 10.16 | 92 | 4505 | 0.424 | ug/l | 97 |
| 58) 2-Chloroethyl Vinyl ether | 9.69 | 63 | 64 | 12.445 | ug/l # | 52 |
| 59) 2-Hexanone | 10.76 | 43 | 2031 | 0.744 | ug/l | 95 |
| 68) m/p-Xylenes | 11.62 | 106 | 2102 | 0.308 | ug/l | 93 |
| 71) Bromoform | 12.40 | 173 | 1933 | 0.839 | ug/l # | 1 |
| 73) Isopropylbenzene | 12.25 | 105 | 1574 | Below Cal | | 81 |
| 74) N-amyl acetate | 12.04 | 43 | 1233 | 0.243 | ug/l # | 57 |
| 75) 1,1,2,2-Tetrachloroethane | 12.51 | 83 | 334 | Below Cal # | | 25 |
| 76) 1,2,3-Trichloropropane | 12.40 | 75 | 127830 | 34.038 | ug/l # | 100 |
| 77) Bromobenzene | 12.53 | 156 | 174 | Below Cal # | | 1 |
| 79) 2-Chlorotoluene | 12.68 | 91 | 1082 | Below Cal | | 83 |
| 81) trans-1,4-Dichloro-2-buten | 12.40 | 75 | 127830 | 122.729 | ug/l # | 7 |
| 83) tert-Butylbenzene | 12.99 | 119 | 1053 | Below Cal # | | 81 |
| 84) 1,2,4-Trimethylbenzene | 13.04 | 105 | 3129 | 0.226 | ug/l | 71 |
| 89) n-Butylbenzene | 13.62 | 91 | 4054 | 0.413 | ug/l | 98 |
| 90) Hexachloroethane | 13.99 | 117 | 61 | Below Cal # | | 7 |
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180 | 2017 | 4.040 | ug/l | 78 |
| 94) Hexachlorobutadiene | 15.01 | 225 | 805 | Below Cal | | 90 |
| 95) Naphthalene | 15.13 | 128 | 4604 | 4.112 | ug/l # | 92 |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180 | 1744 | 3.263 | ug/l | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050719\
Data File : VN055440.D
Acq On : 7 May 2019 16:19
Operator : JC/SP
Sample : K2678-02
Misc : 3.85g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
FK-0D015-03-003

Quant Time: May 07 16:52:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

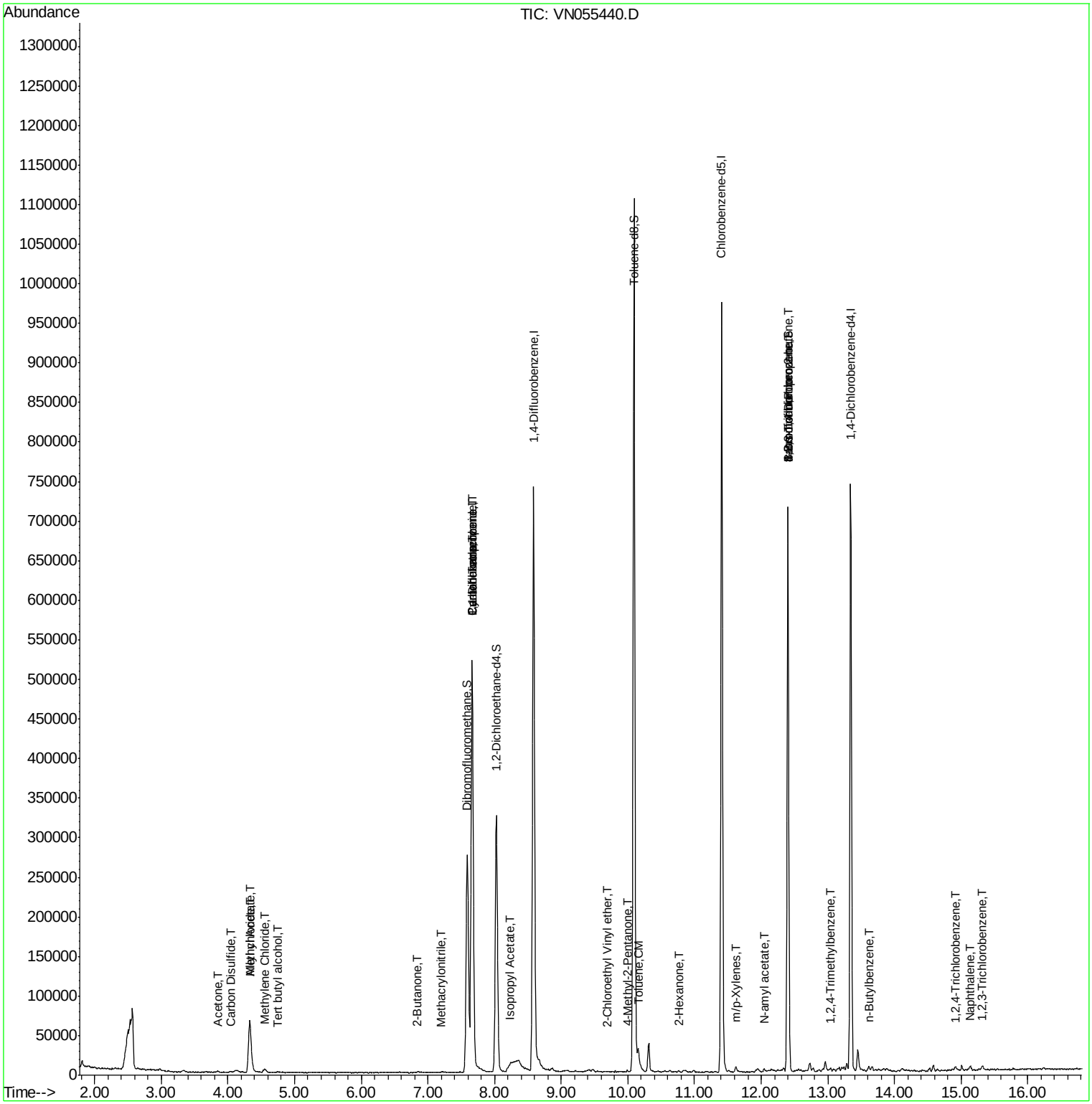
(#) = qualifier out of range (m) = manual integration (+) = signals summed

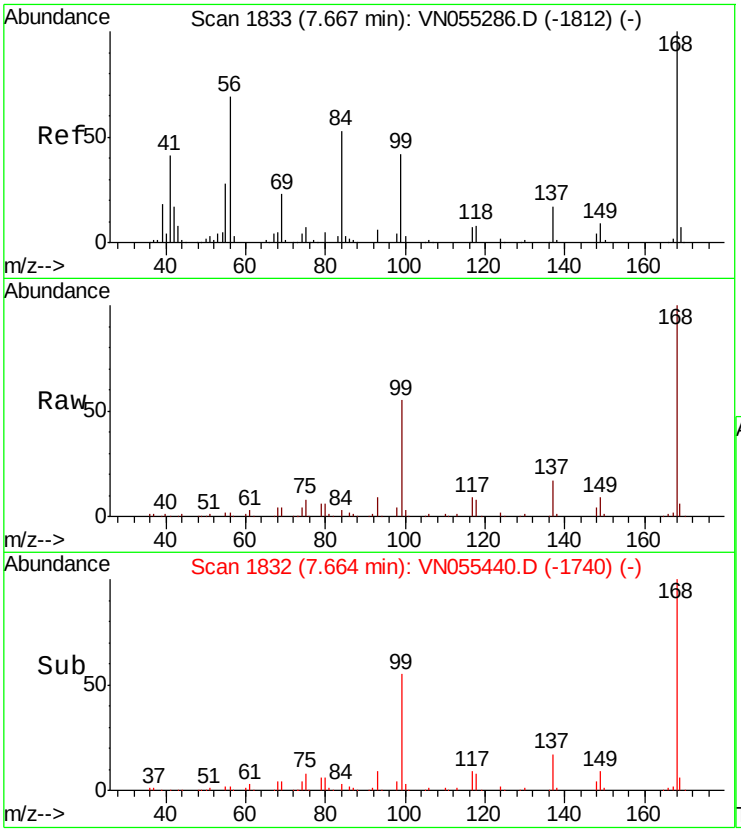
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050719\
Data File : VN055440.D
Acq On : 7 May 2019 16:19
Operator : JC/SP
Sample : K2678-02
Misc : 3.85g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
FK-0D015-03-003

Quant Time: May 07 16:52:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration



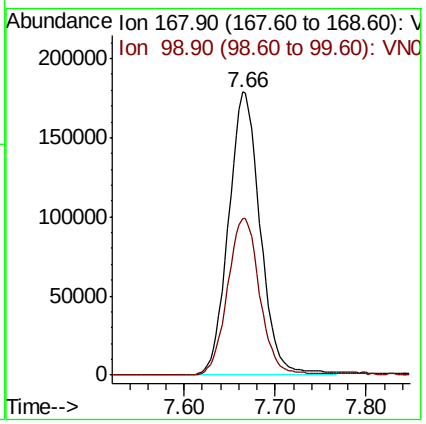


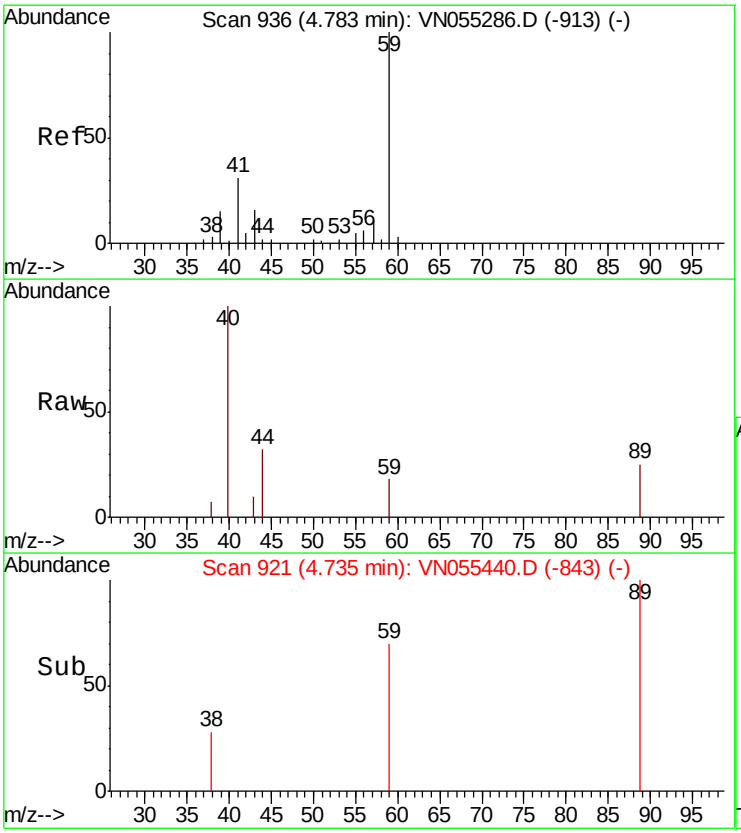

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.00 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

**Instrument :**
MSVOA_N
**ClientSampleId :**
FK-0D015-03-003

Tgt Ion:168 Resp: 433589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 55.2 | 43.6 | 65.4 |

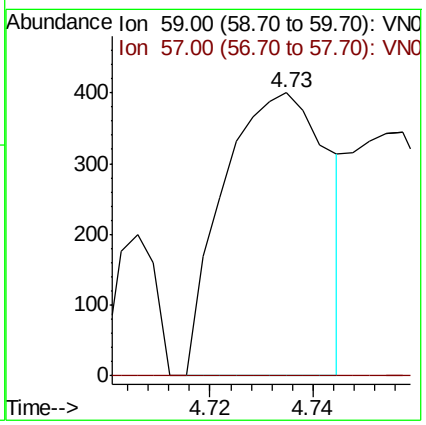


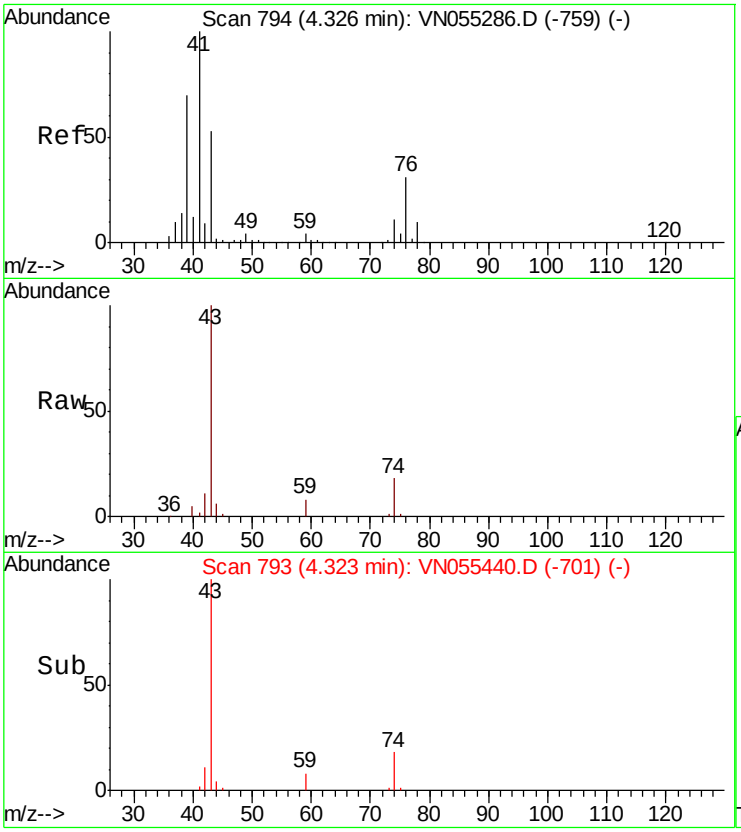




#11
Tert butyl alcohol
Concen: 1.737 ug/l
RT: 4.73 min Scan# 921
Delta R.T. -0.05 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

Tgt Ion: 59 Resp: 564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.2 | 12.2# |



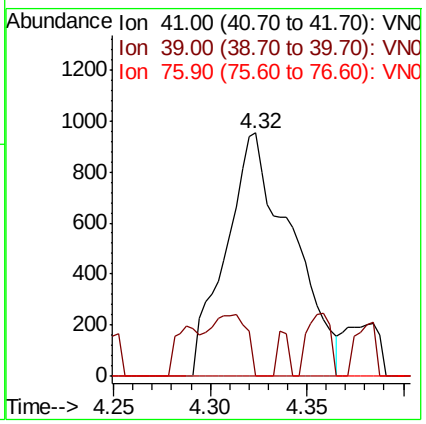


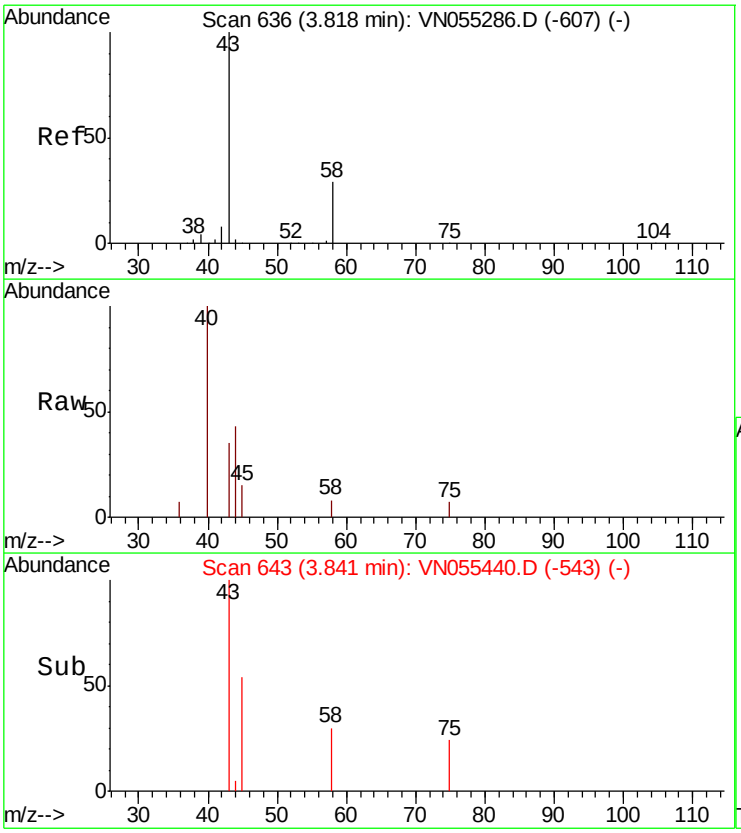

#14
Allyl chloride
Concen: 0.254 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

**Instrument :** MSVOA_N
**ClientSampleId :** FK-0D015-03-003

Tgt Ion: 41 Resp: 2252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 13.0 | 53.0 | 79.6# |
| 76 | 0.0 | 22.7 | 34.1# |

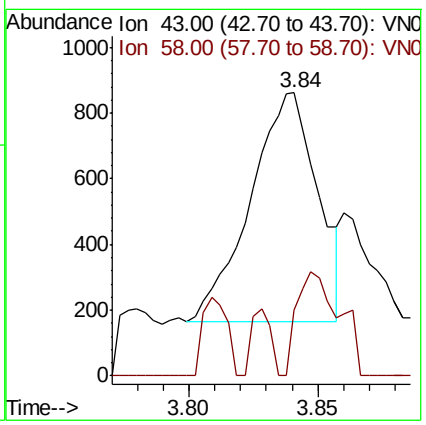


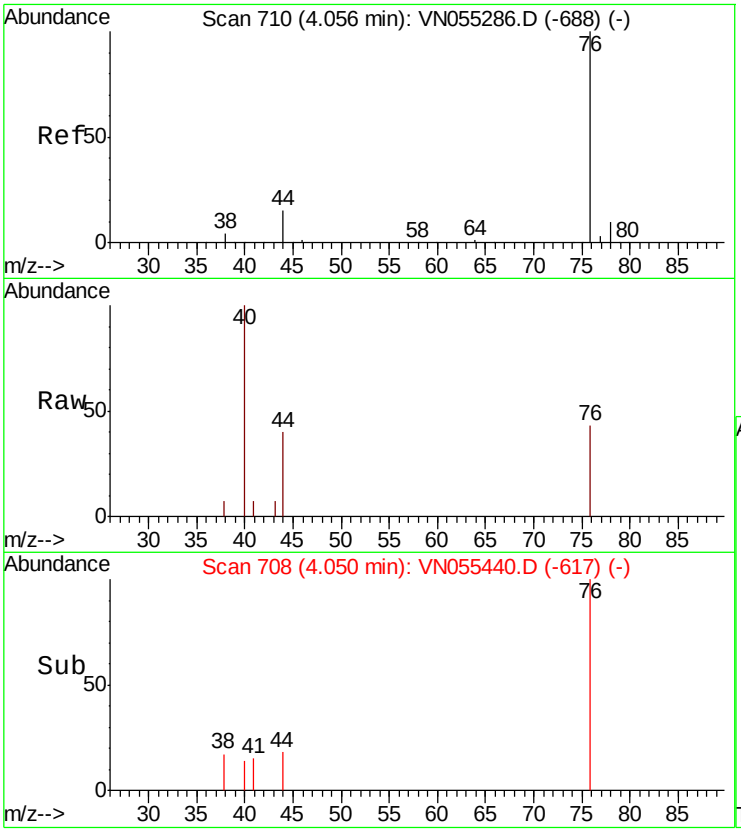




#16
Acetone
Concen: 0.712 ug/l
RT: 3.84 min Scan# 643
Delta R.T. 0.02 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

Tgt Ion: 43 Resp: 1258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 29.1 | 23.6 | 35.4 |



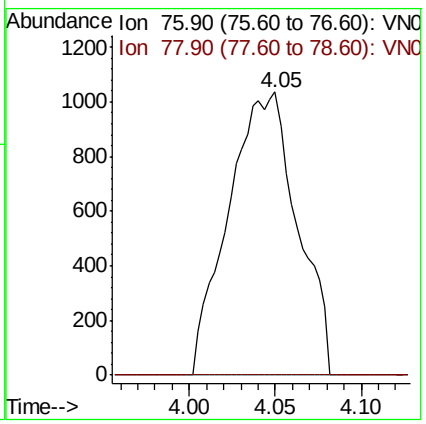


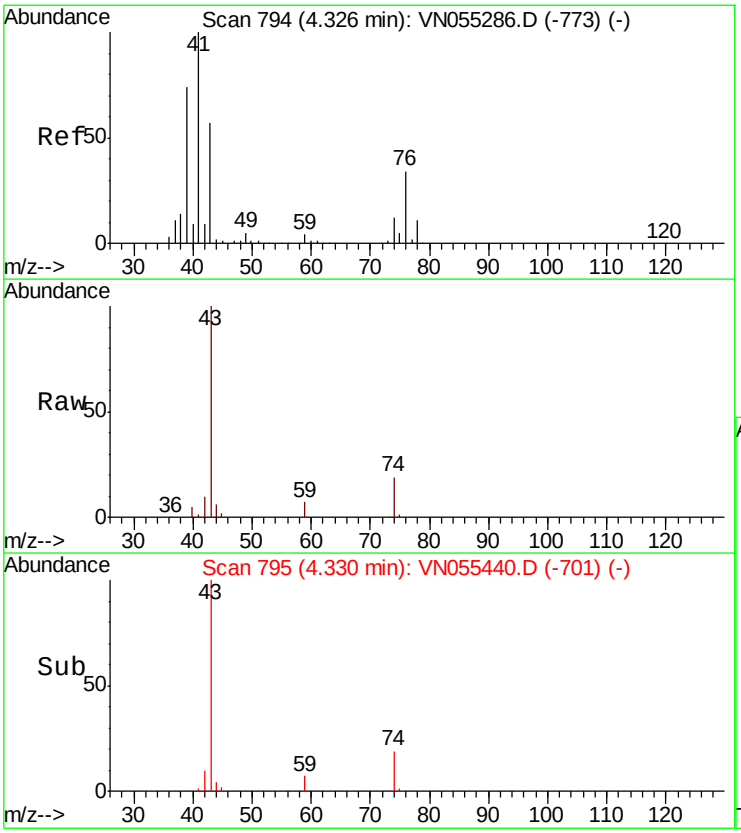

#17
Carbon Disulfide
Concen: 0.258 ug/l
RT: 4.05 min Scan# 708
Delta R.T. -0.01 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

**Instrument :** MSVOA_N
**ClientSampleId :** FK-0D015-03-003

Tgt Ion: 76 Resp: 2881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 0.0 | 7.6 | 11.4# |

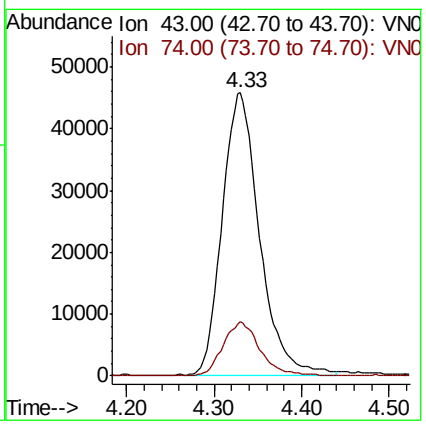


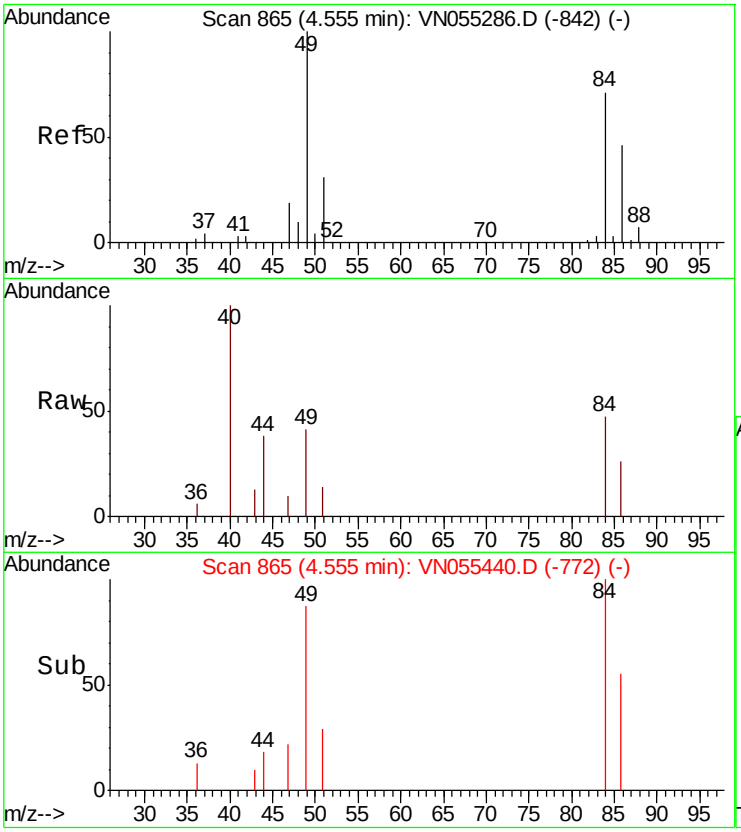




#18
Methyl Acetate
Concen: 31.207 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

Tgt Ion: 43 Resp: 136037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 18.9 | 15.8 | 23.8 |



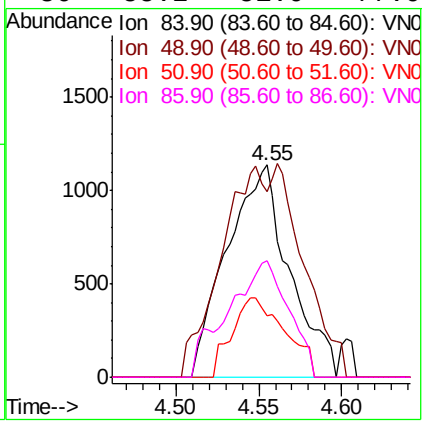


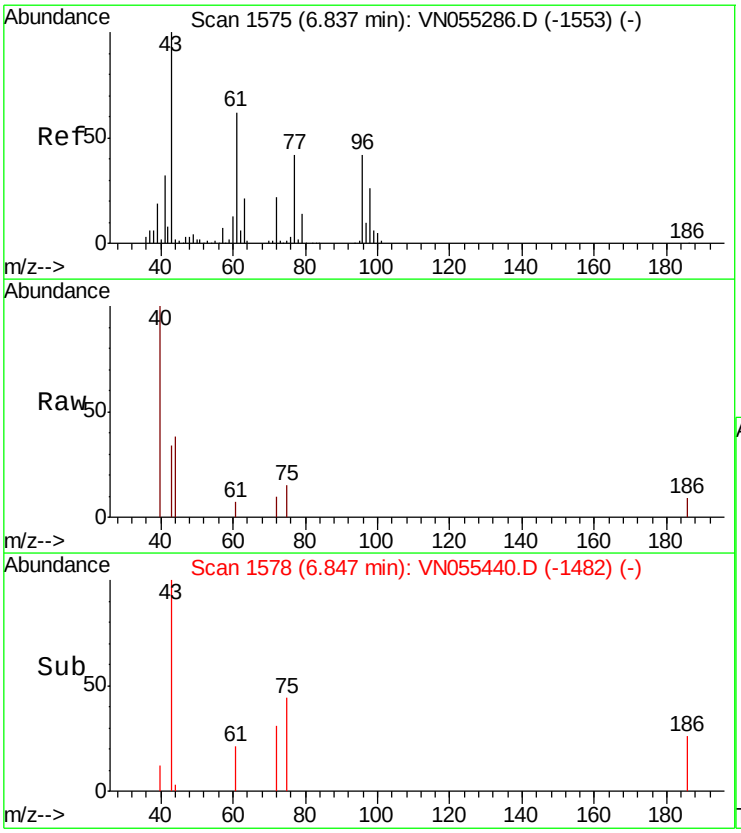

#20
Methylene Chloride
Concen: 0.554 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

**Instrument :**
MSVOA_N
**ClientSampleId :**
FK-0D015-03-003

Tgt Ion: 84 Resp: 2986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 70.8 | 112.4 | 168.6# |
| 51 | 29.2 | 34.6 | 51.8# |
| 86 | 55.2 | 51.9 | 77.9 |

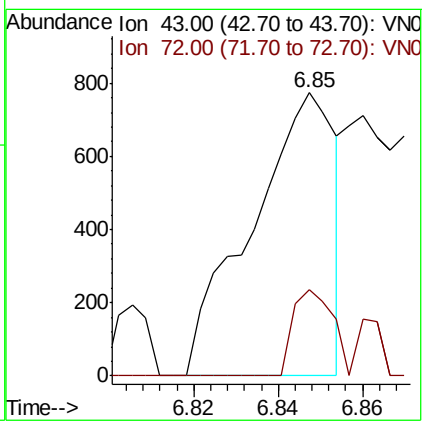


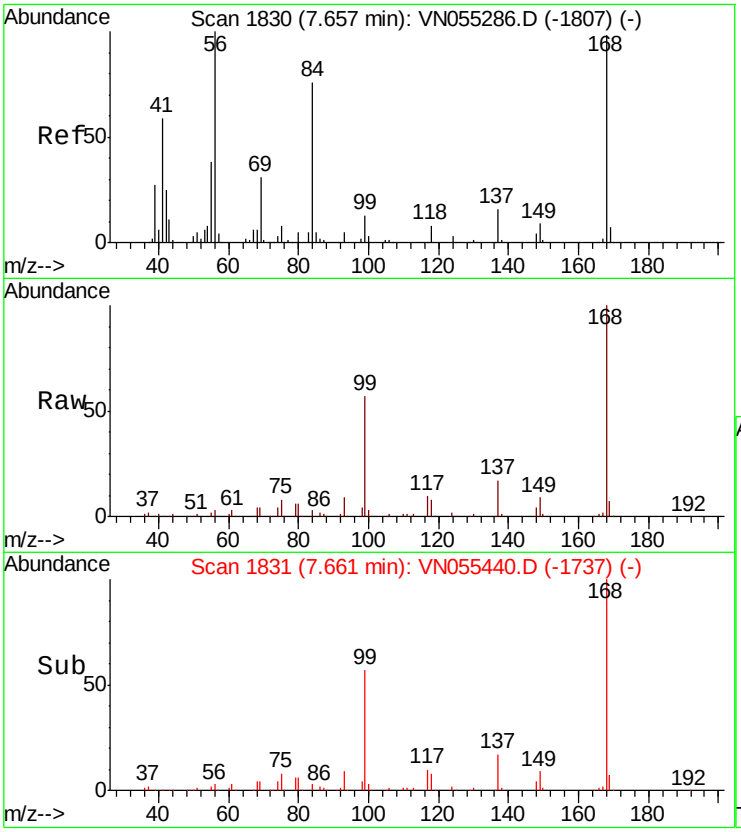




#25
2-Butanone
Concen: 0.469 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

Tgt Ion: 43 Resp: 1060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 30.5 | 18.0 | 27.0# |



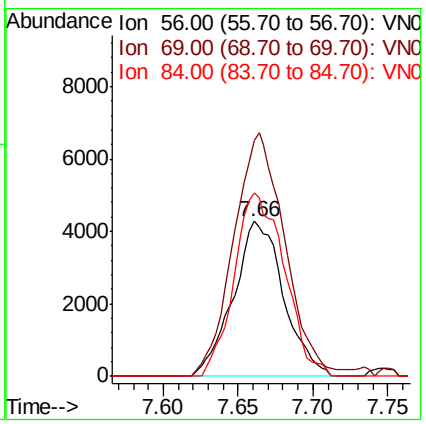


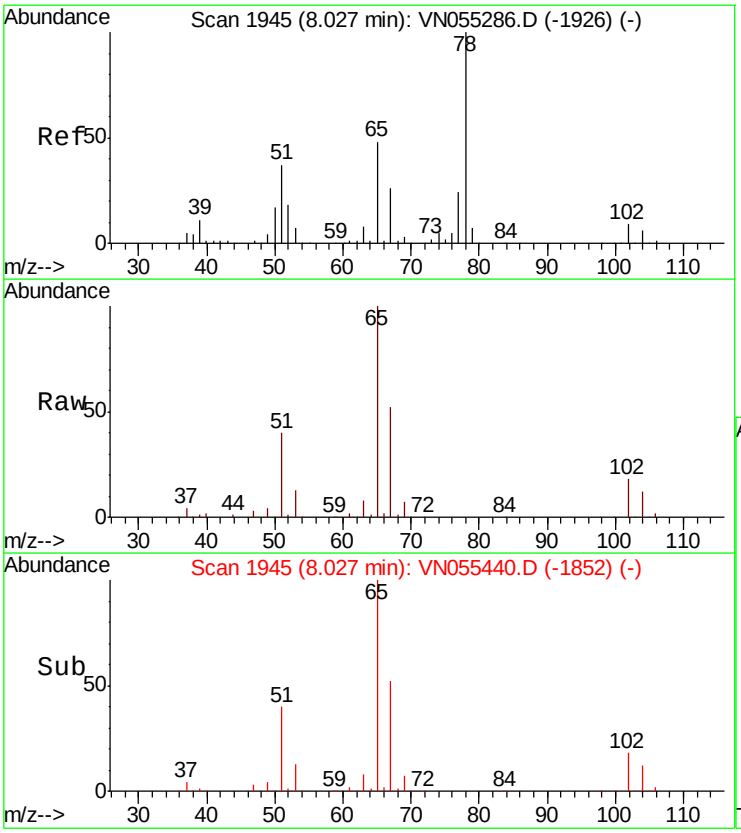

#31
Cyclohexane
Concen: 1.121 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

**Instrument :**
MSVOA_N
**ClientSampleId :**
FK-0D015-03-003

Tgt Ion: 56 Resp: 10005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 151.7 | 25.2 | 37.8# |
| 84 | 118.7 | 61.1 | 91.7# |

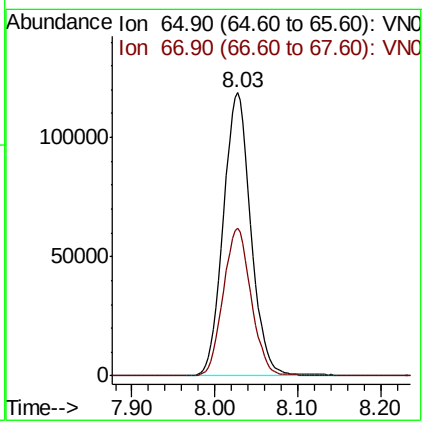


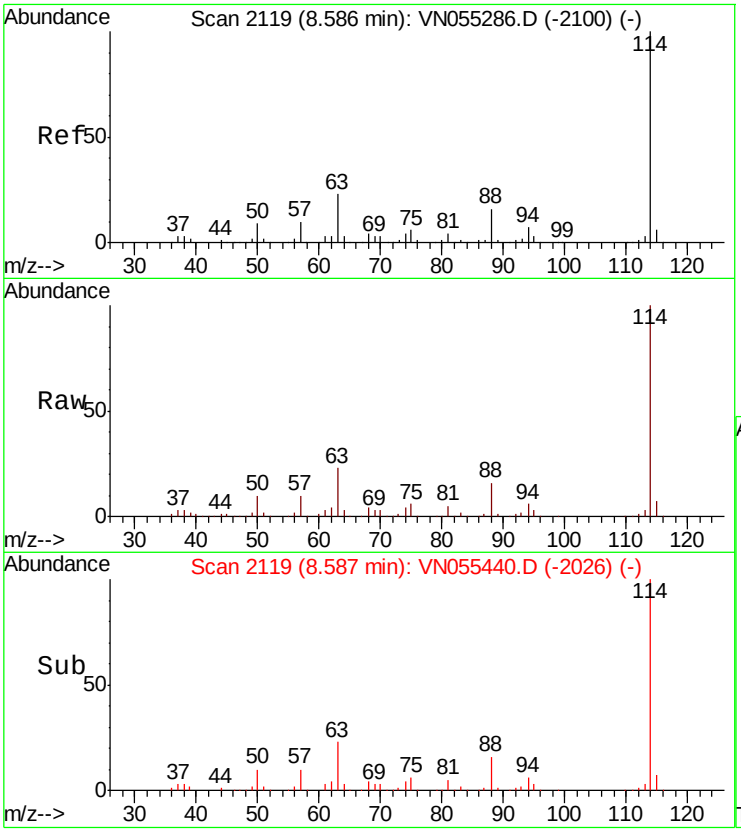




#33
1,2-Dichloroethane-d4
Concen: 48.415 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

Tgt Ion: 65 Resp: 274626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.7 | 0.0 | 106.8 |



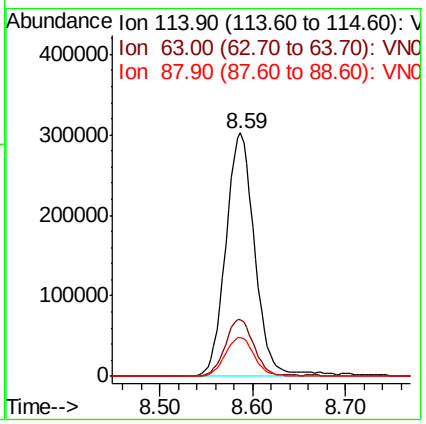


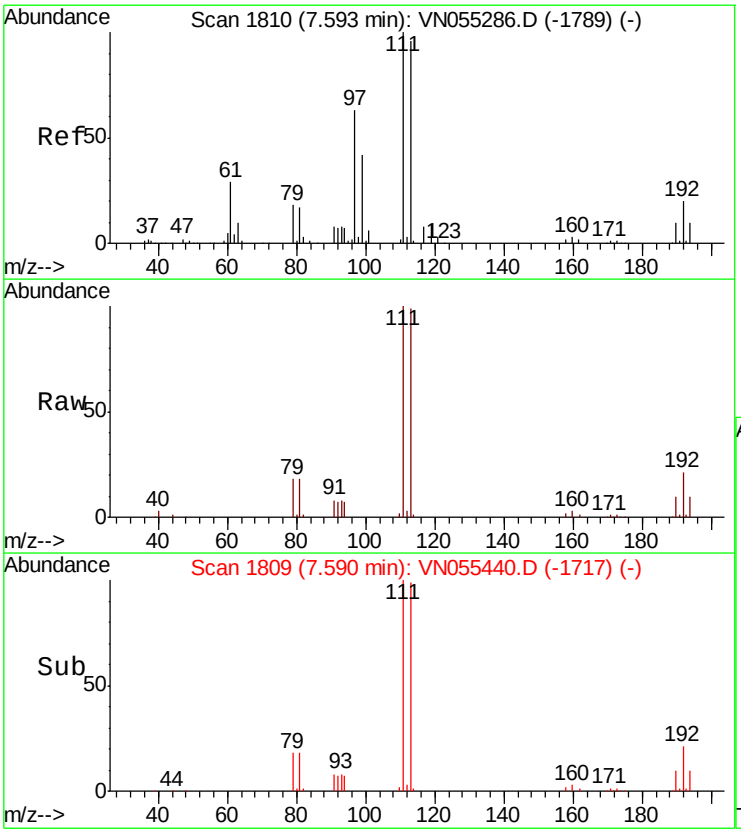

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

**Instrument :** MSVOA_N
**ClientSampleId :** FK-0D015-03-003

Tgt Ion:114 Resp: 656502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 23.4 | 0.0 | 45.2 |
| 88 | 16.1 | 0.0 | 31.6 |

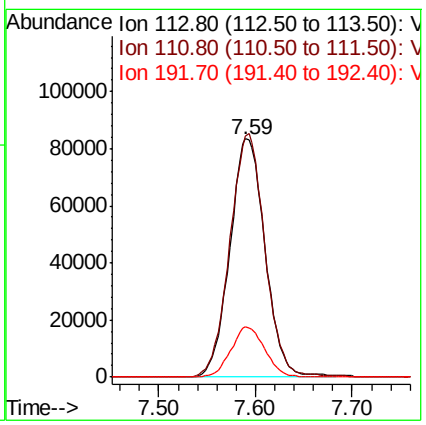


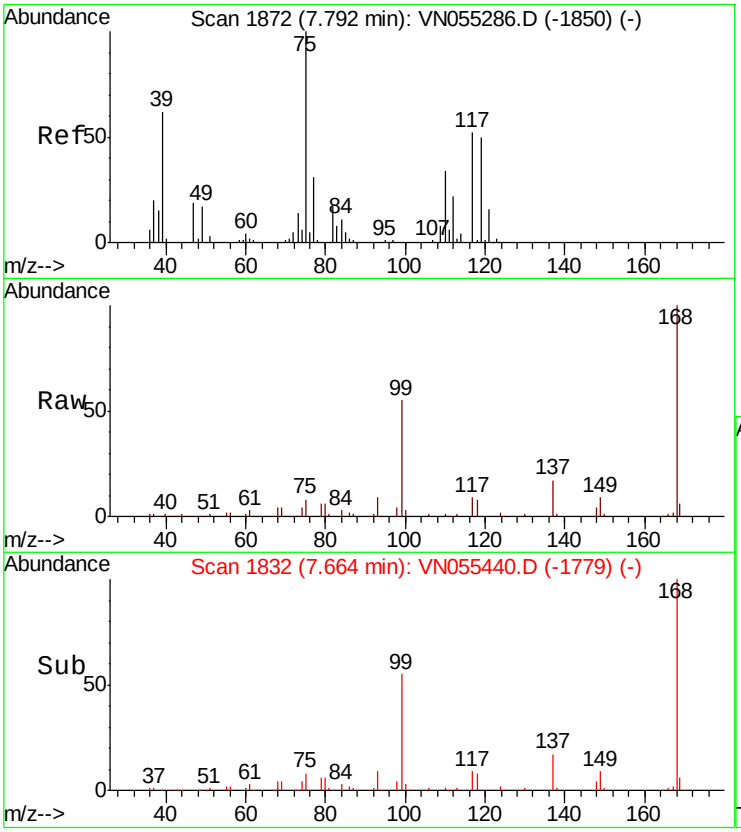




#35
Dibromofluoromethane
Concen: 48.910 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

Tgt Ion:113 Resp: 210757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.6 | 82.3 | 123.5 |
| 192 | 20.4 | 17.0 | 25.6 |



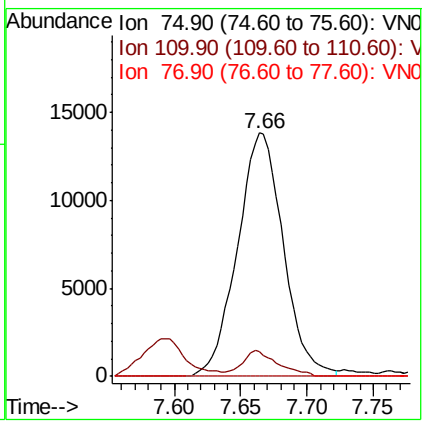


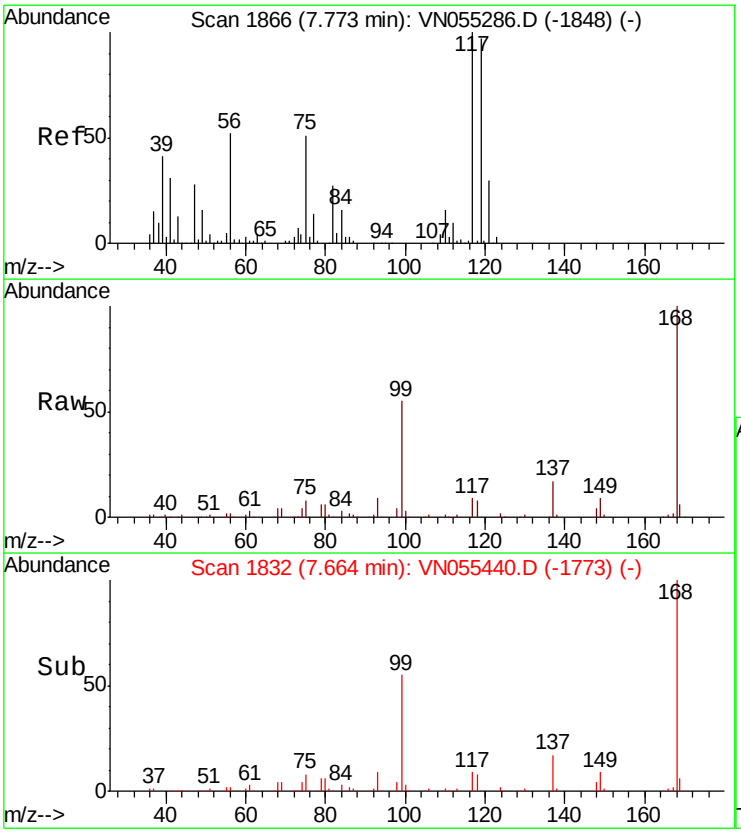

#36
1,1-Dichloropropene
Concen: 5.290 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

**Instrument :**
MSVOA_N
**ClientSampleId :**
FK-0D015-03-003

Tgt Ion: 75 Resp: 33263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 8.2 | 16.8 | 50.4# |
| 77 | 0.0 | 25.0 | 37.6# |

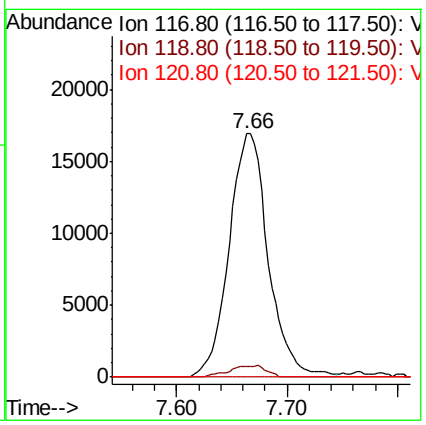


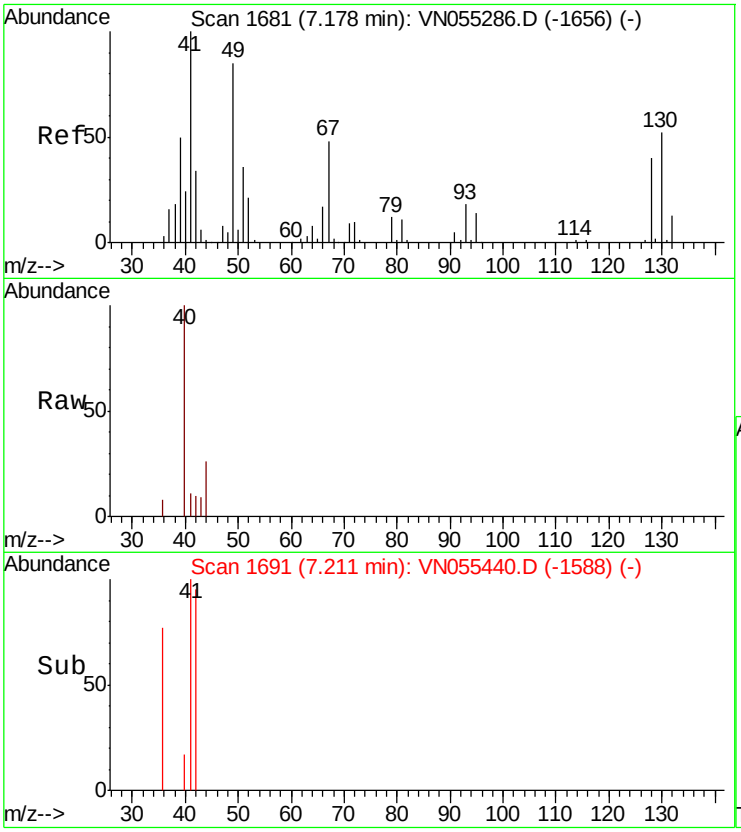




#38
Carbon Tetrachloride
Concen: 6.863 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

Tgt Ion:117 Resp: 41629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 4.5 | 77.0 | 115.6# |
| 121 | 0.0 | 23.8 | 35.8# |



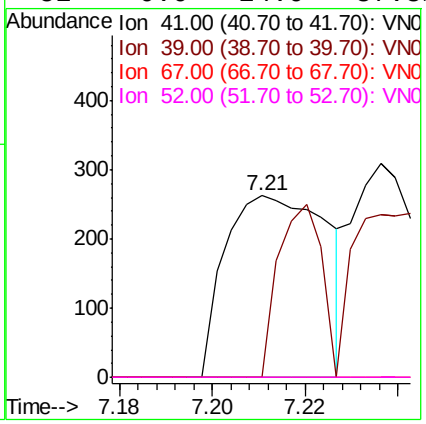


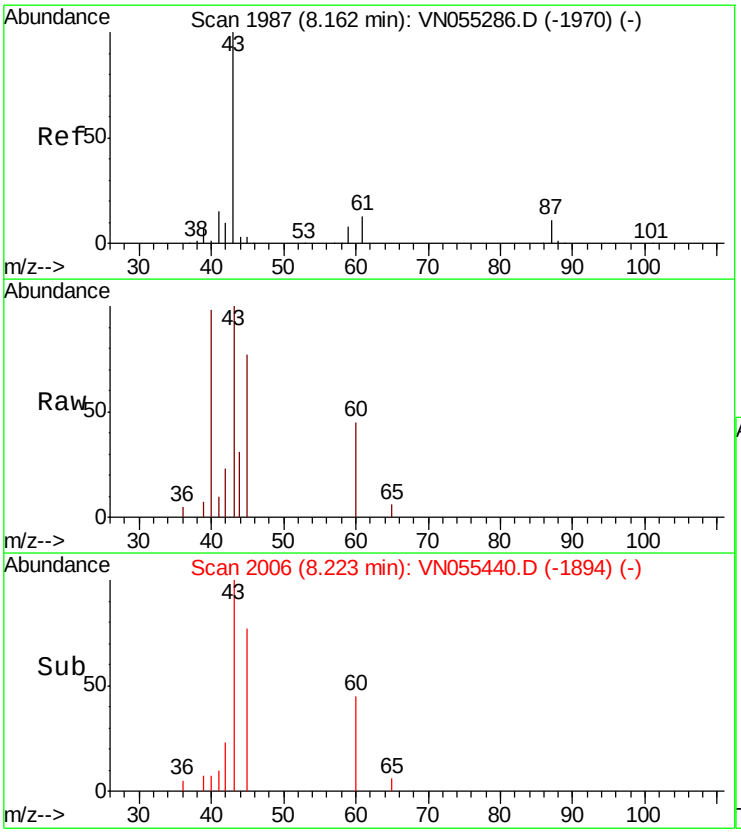

#41
Methacrylonitrile
Concen: 0.891 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.03 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

**Instrument :**
MSVOA_N
**ClientSampleId :**
FK-0D015-03-003

Tgt Ion: 41 Resp: 399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 40.4 | 48.5 | 72.7# |
| 67 | 0.0 | 54.9 | 82.3# |
| 52 | 0.0 | 24.9 | 37.3# |

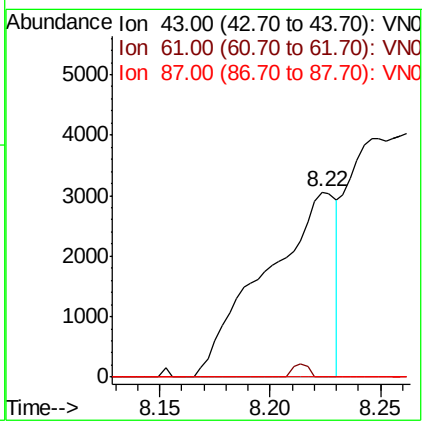


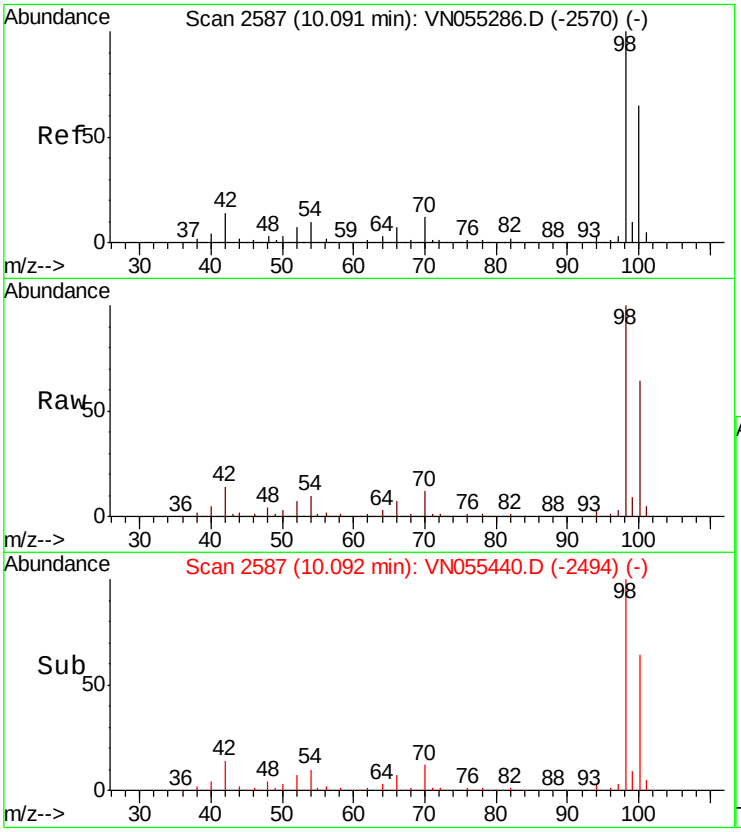




#43
Isopropyl Acetate
Concen: 0.877 ug/l
RT: 8.22 min Scan# 2006
Delta R.T. 0.06 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

Tgt Ion: 43 Resp: 6791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 0.0 | 20.8 | 31.2# |
| 87 | 0.0 | 8.5 | 12.7# |



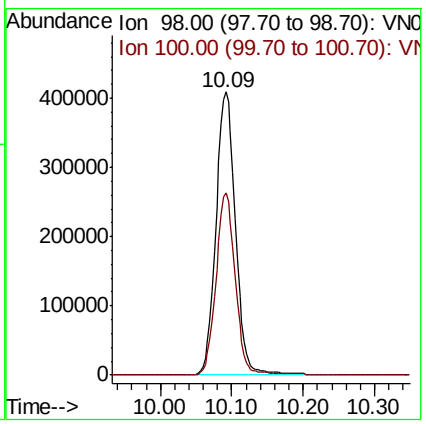


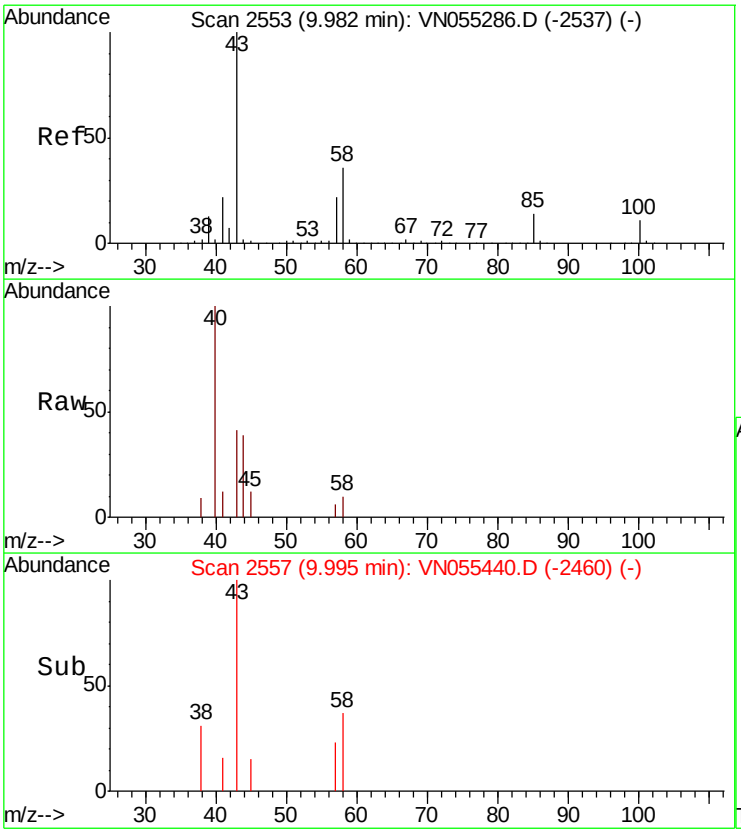

#50
Toluene-d8
Concen: 50.045 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

**Instrument :** MSVOA_N
**ClientSampleId :** FK-0D015-03-003

Tgt Ion: 98 Resp: 778680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.1 | 51.7 | 77.5 |

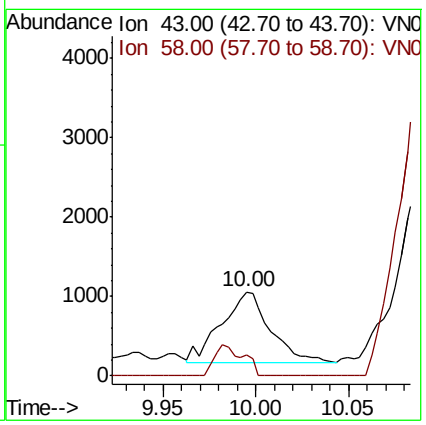


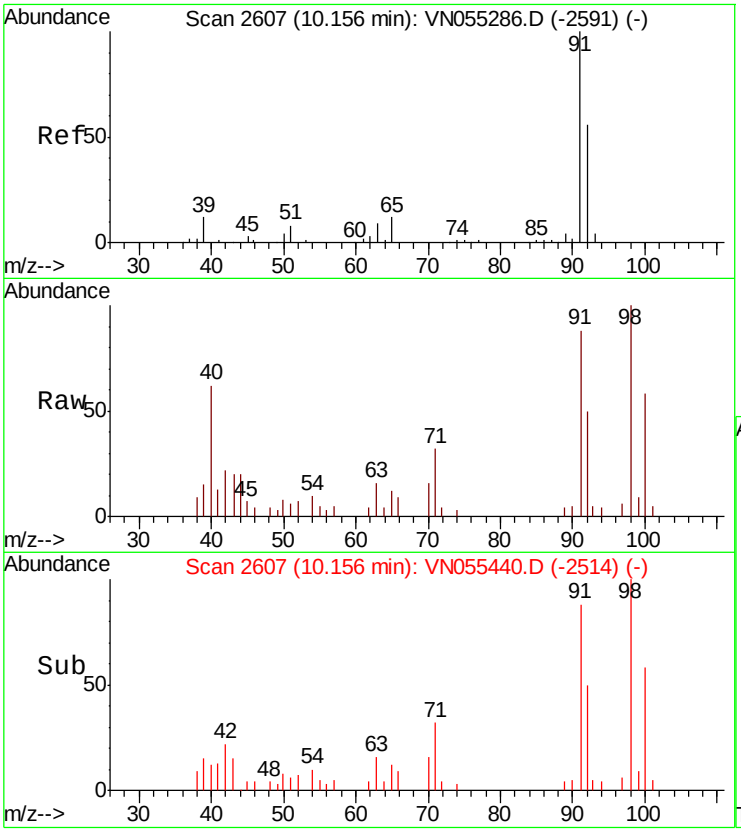




#51
4-Methyl-2-Pentanone
Concen: 0.380 ug/l
RT: 10.00 min Scan# 2557
Delta R.T. 0.01 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

Tgt Ion: 43 Resp: 1656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 25.2 | 28.5 | 42.7# |



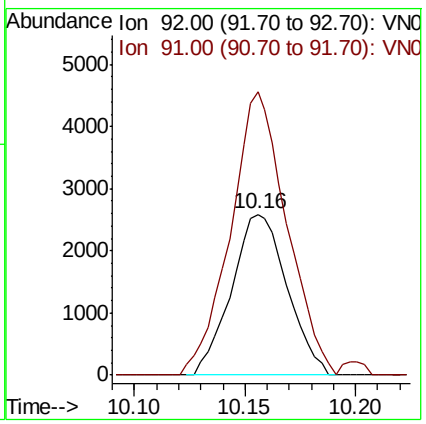


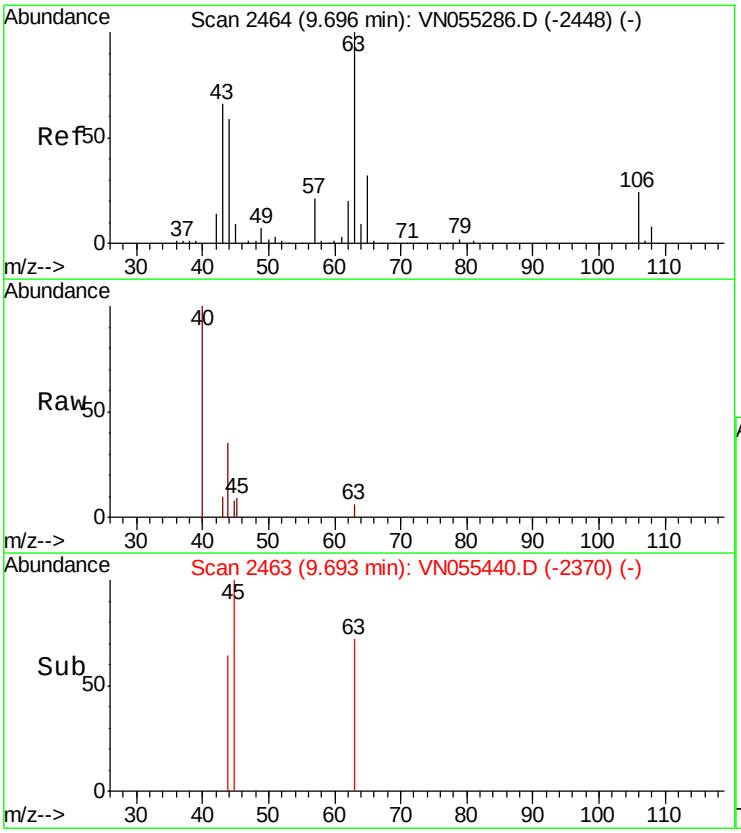

#52
Toluene
Concen: 0.424 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

**Instrument :**
MSVOA_N
**ClientSampleId :**
FK-0D015-03-003

Tgt Ion: 92 Resp: 4505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 179.0 | 140.1 | 210.1 |

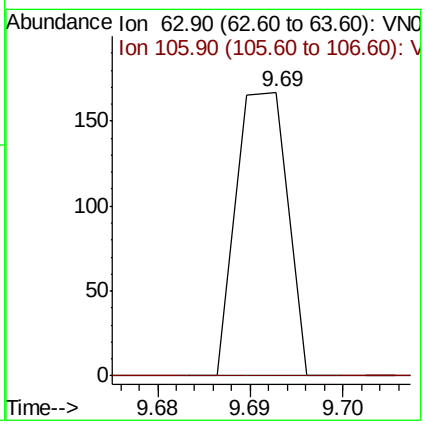


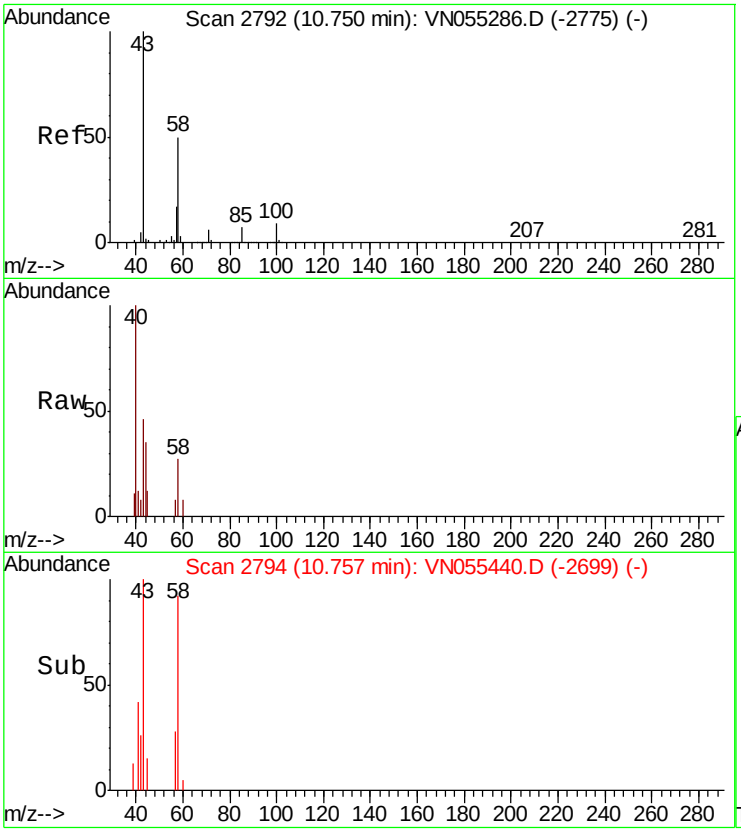




#58
2-Chloroethyl Vinyl ether
Concen: 12.445 ug/l
RT: 9.69 min Scan# 2463
Delta R.T. -0.00 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

Tgt Ion: 63 Resp: 64

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 0.0 | 19.0 | 28.4# |



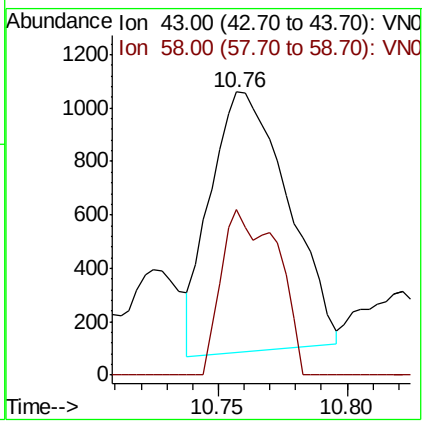


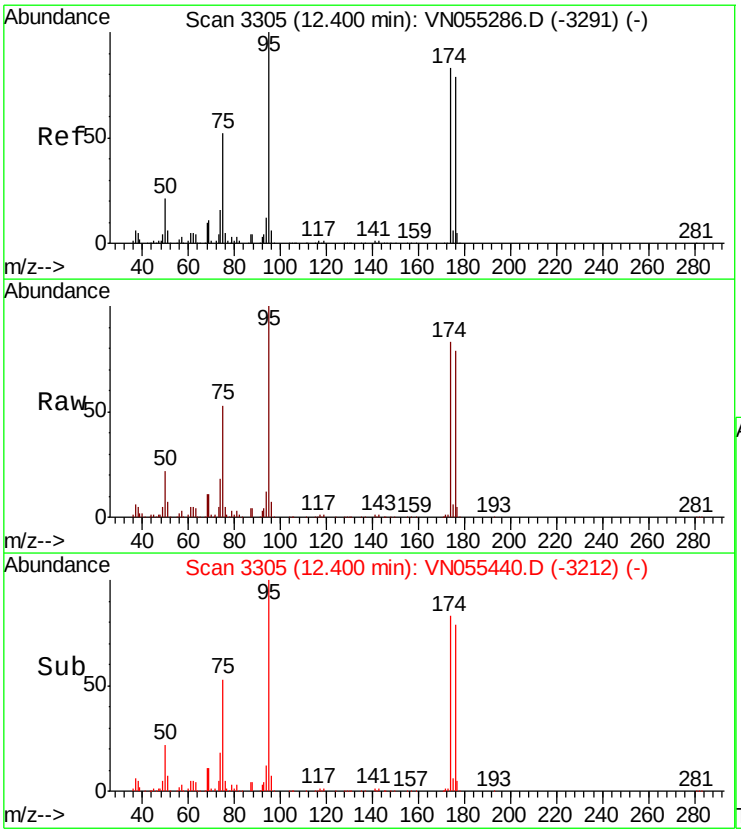

#59
2-Hexanone
Concen: 0.744 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.01 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

**Instrument :** MSVOA_N
**ClientSampleId :** FK-0D015-03-003

Tgt Ion: 43 Resp: 2031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 46.5 | 24.9 | 74.6 |

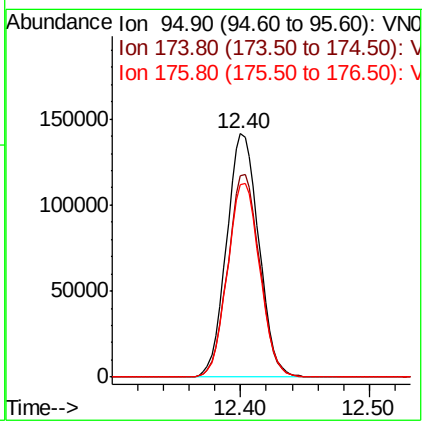


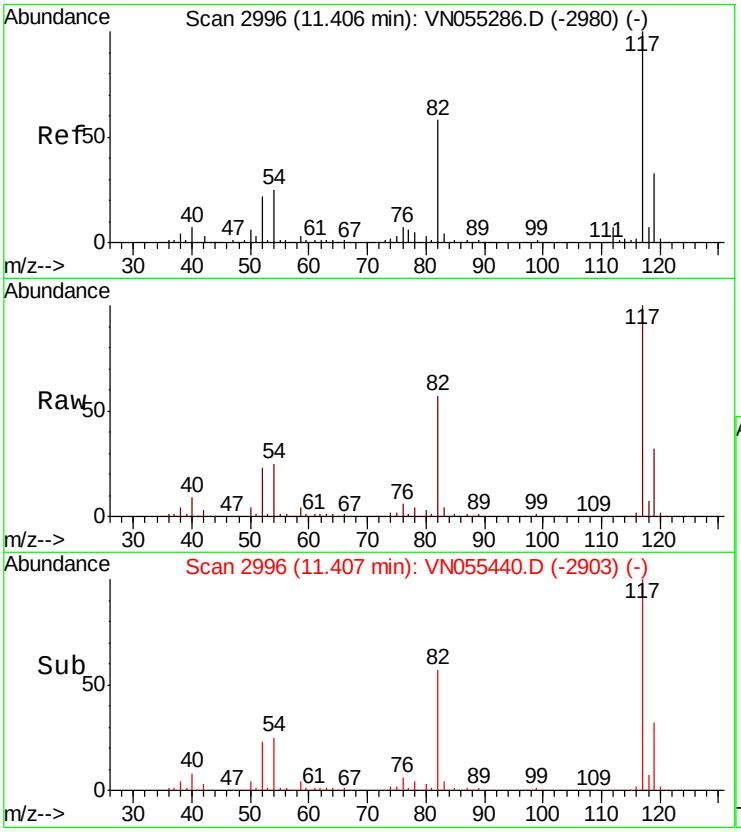




#62
4-Bromofluorobenzene
Concen: 50.472 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

Tgt Ion: 95 Resp: 245440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 82.5 | 0.0 | 166.6 |
| 176 | 79.9 | 0.0 | 157.8 |



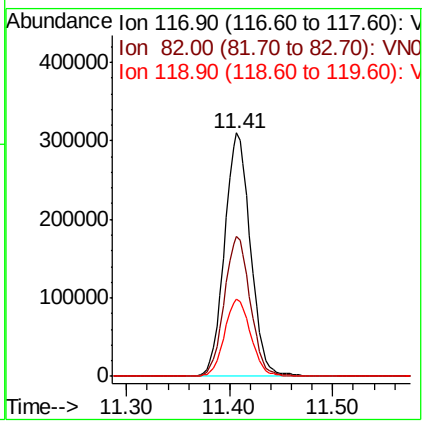


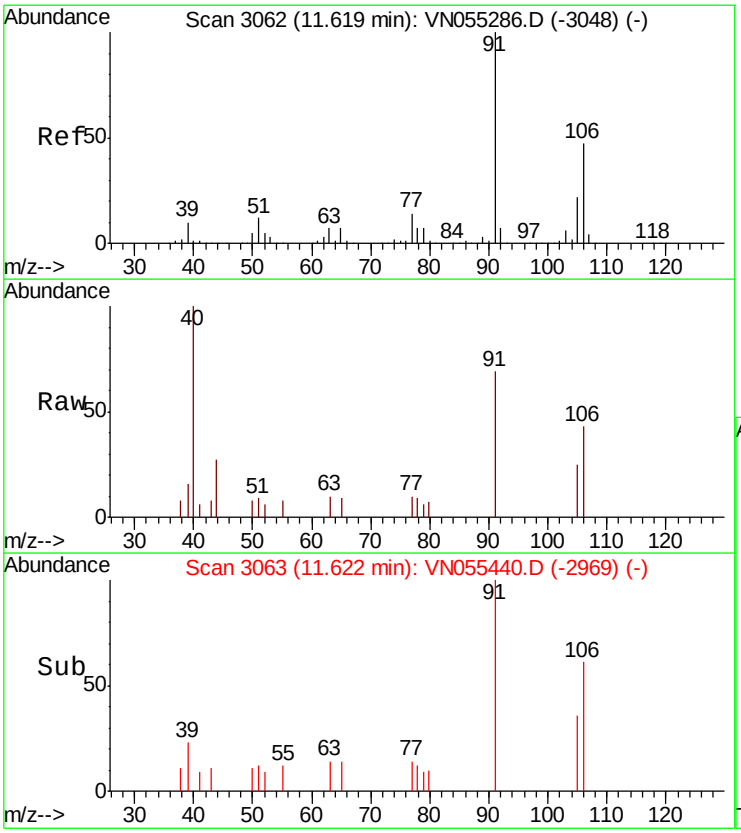

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

**Instrument :** MSVOA_N
**ClientSampleId :** FK-0D015-03-003

Tgt Ion:117 Resp: 542347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.3 | 46.2 | 69.4 |
| 119 | 31.8 | 26.6 | 40.0 |

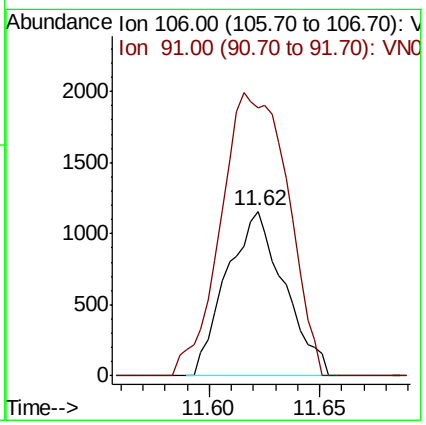


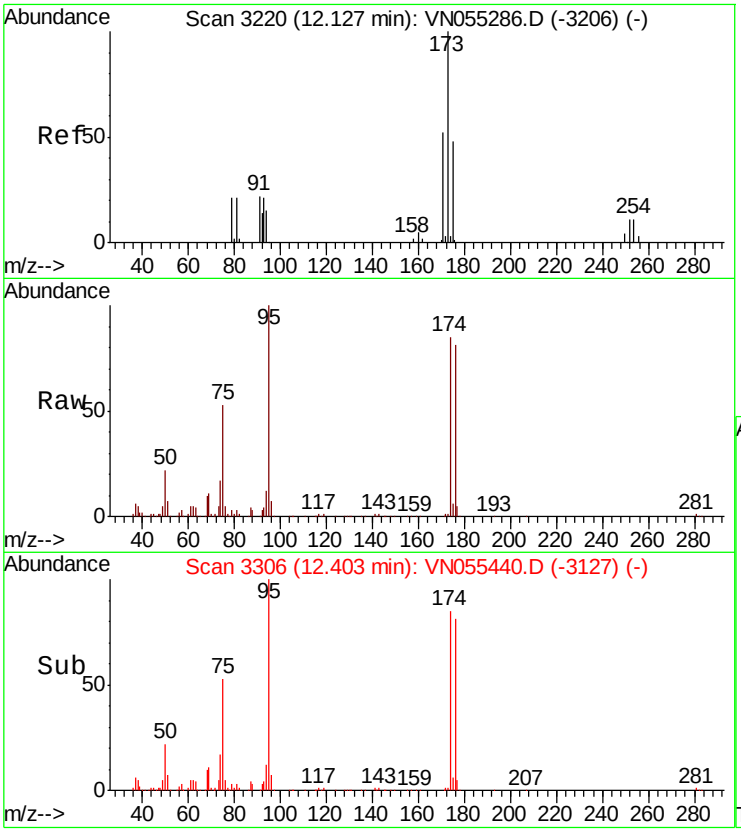




#68
m/p-Xylenes
Concen: 0.308 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

Tgt Ion:106 Resp: 2102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 200.6 | 169.5 | 254.3 |



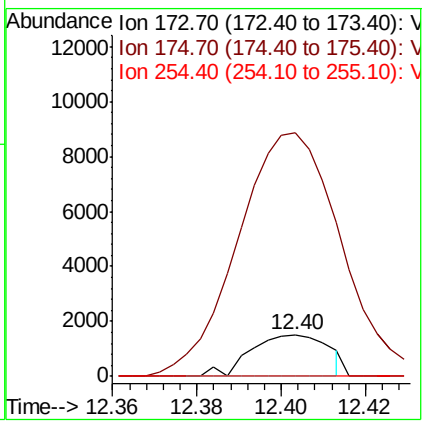


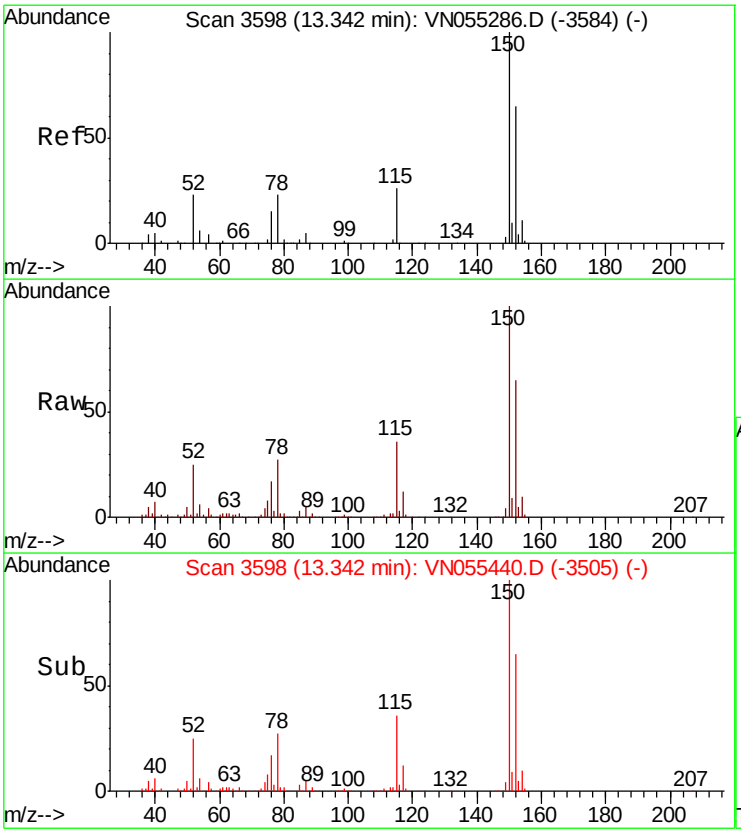

#71
Bromoform
Concen: 0.839 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

**Instrument :**
MSVOA_N
**ClientSampleId :**
FK-0D015-03-003

Tgt Ion:173 Resp: 1933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 677.9 | 23.6 | 71.0# |
| 254 | 0.0 | 0.0 | 0.0 |

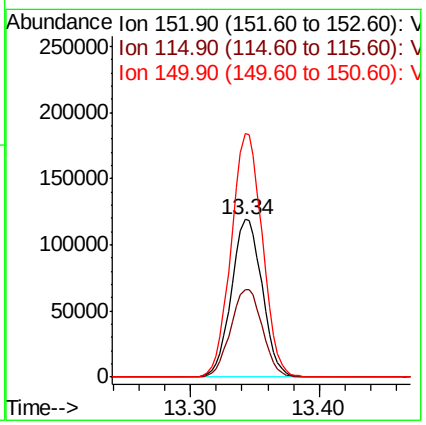


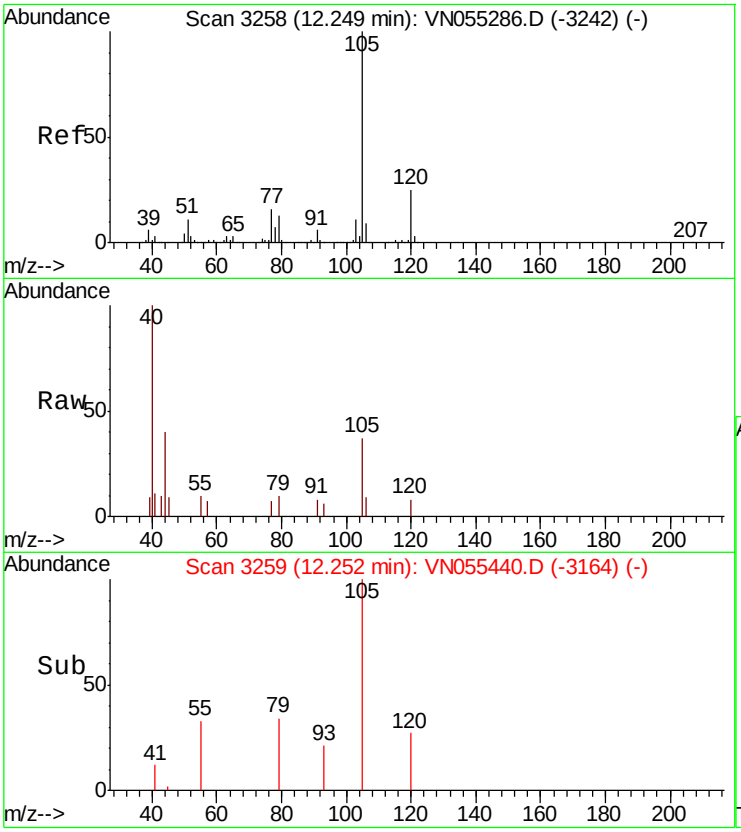




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

Tgt Ion:152 Resp: 197384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 57.5 | 29.0 | 87.0 |
| 150 | 156.6 | 0.0 | 345.6 |



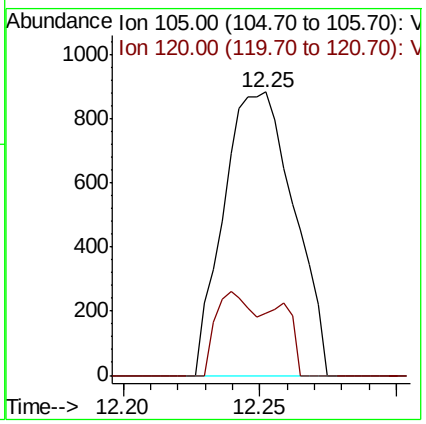


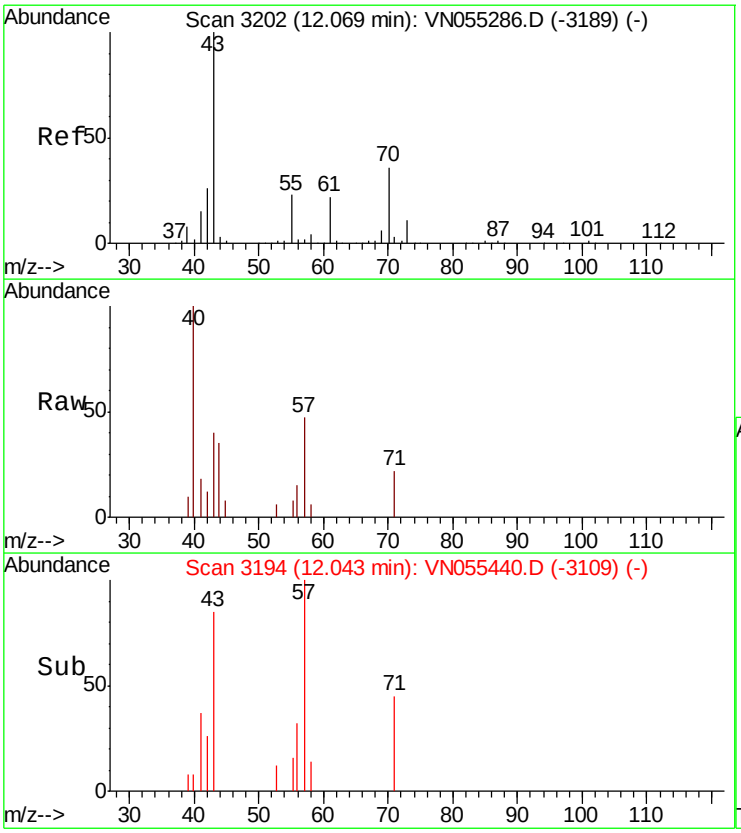

#73
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3259
Delta R.T. 0.00 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

**Instrument :** MSVOA_N
**ClientSampleId :** FK-0D015-03-003

Tgt Ion:105 Resp: 1574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 15.9 | 12.9 | 38.7 |

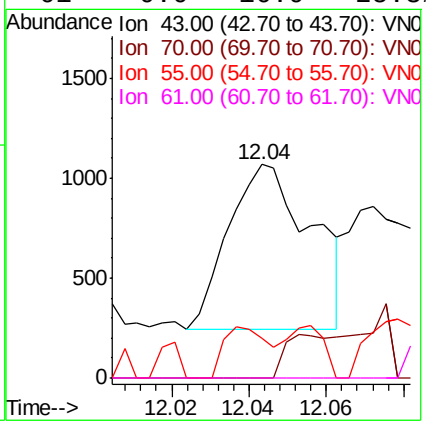


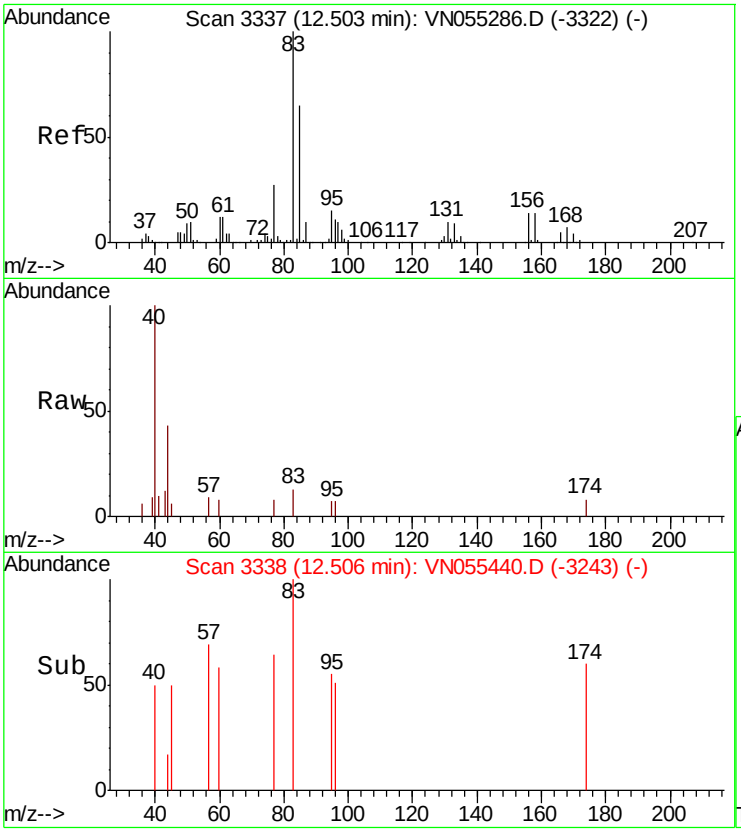




#74
N-amyl acetate
Concen: 0.243 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.03 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

Tgt Ion: 43 Resp: 1233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 0.0 | 27.9 | 41.9# |
| 55 | 16.4 | 18.2 | 27.2# |
| 61 | 0.0 | 16.9 | 25.3# |



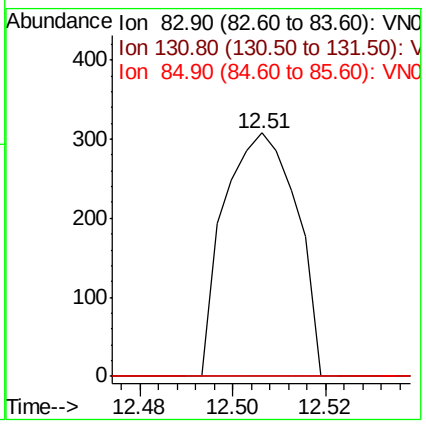


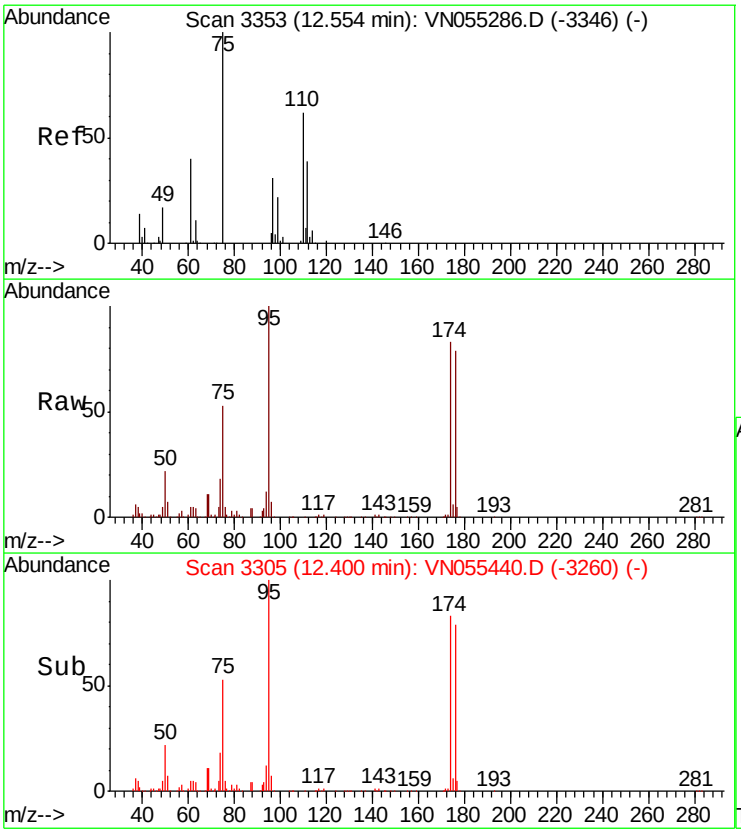

#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.51 min Scan# 3338
Delta R.T. 0.00 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

**Instrument :** MSVOA_N
**ClientSampleId :** FK-0D015-03-003

Tgt Ion: 83 Resp: 334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 0.0 | 5.1 | 15.2# |
| 85 | 0.0 | 32.3 | 96.8# |

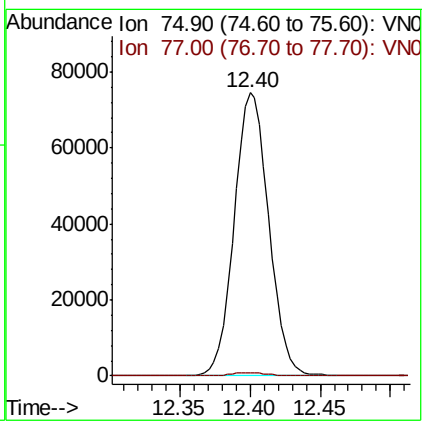


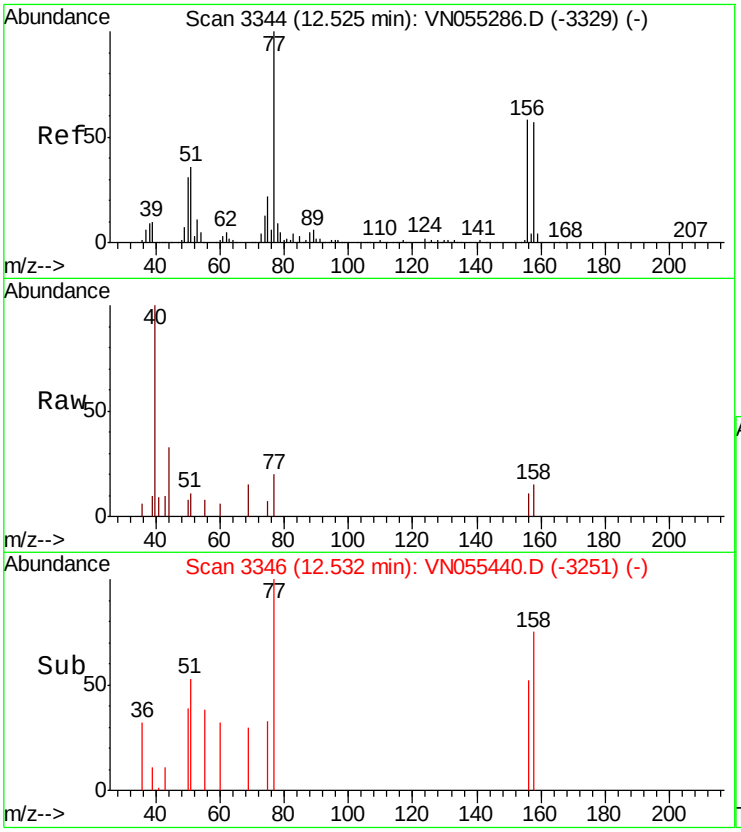




#76
1,2,3-Trichloropropane
Concen: 34.038 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

Tgt Ion: 75 Resp: 127830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.2 | 0.0 | 0.0# |



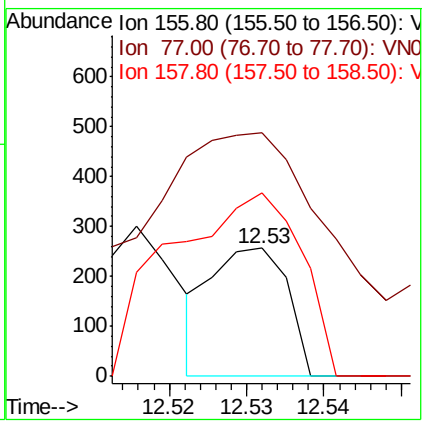


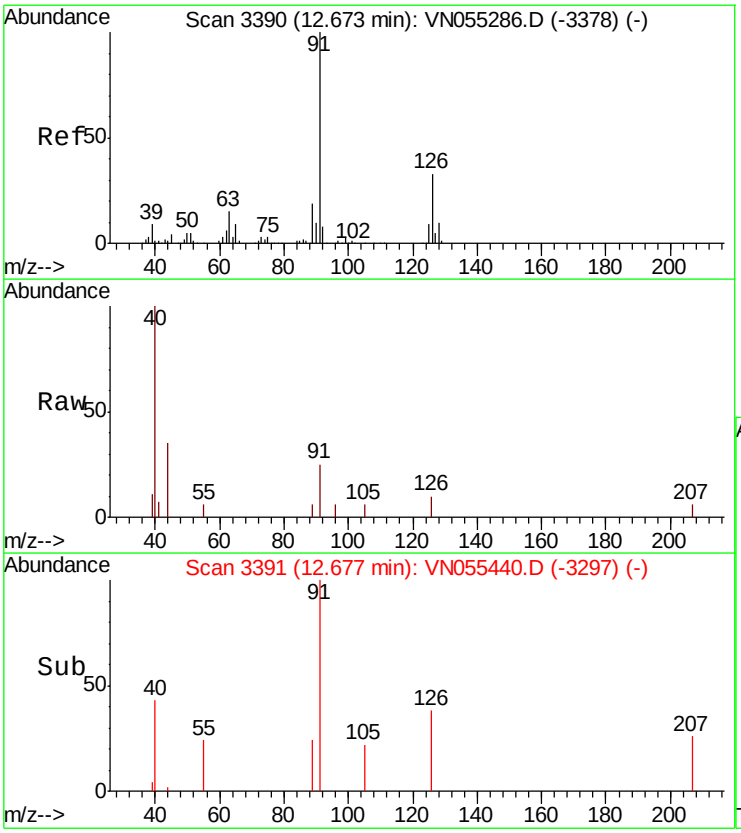

#77
Bromobenzene
Concen: Below Cal
RT: 12.53 min Scan# 3346
Delta R.T. 0.01 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

**Instrument :** MSVOA_N
**ClientSampleId :** FK-0D015-03-003

Tgt Ion:156 Resp: 174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 528.2 | 99.6 | 298.8# |
| 158 | 250.0 | 49.3 | 147.8# |

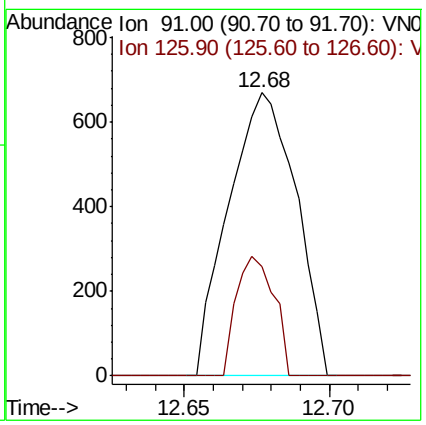


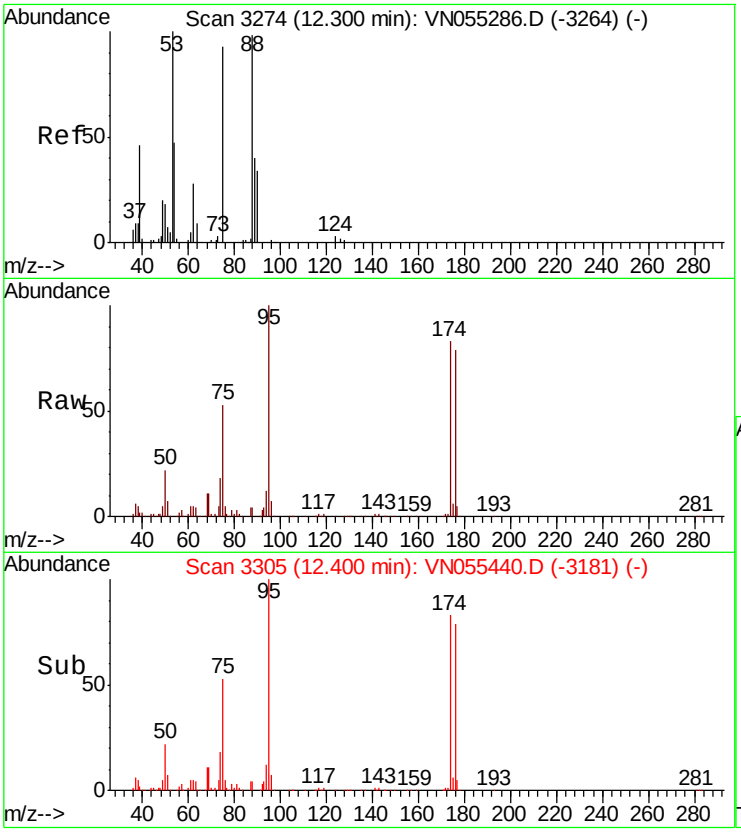




#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.68 min Scan# 3391
Delta R.T. 0.00 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

Tgt Ion: 91 Resp: 1082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 23.6 | 16.6 | 49.7 |



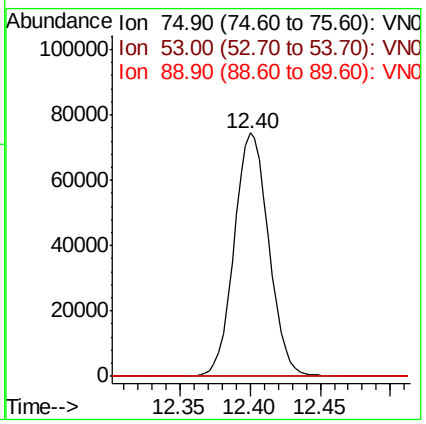


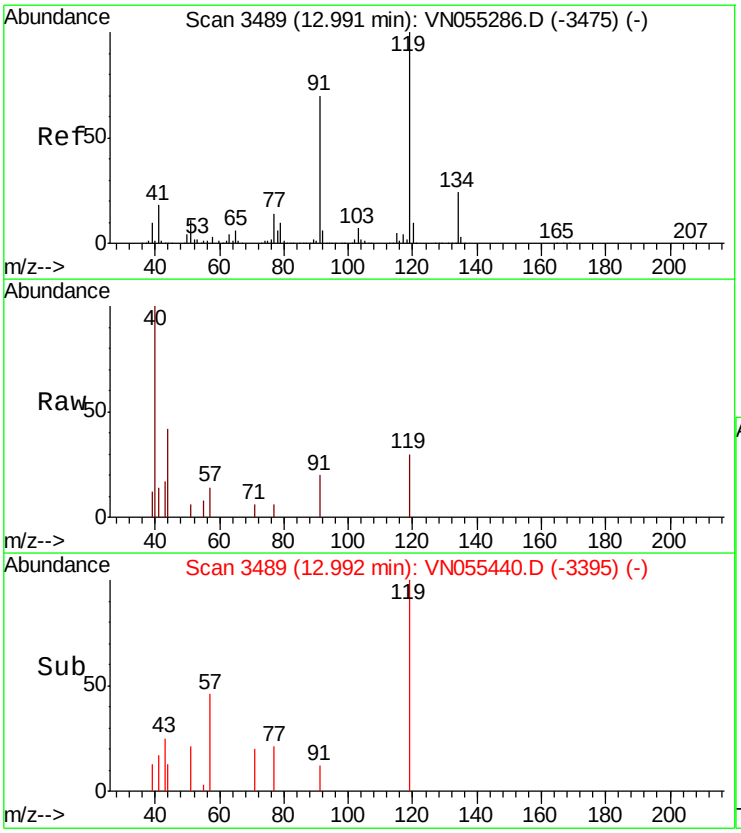

#81
trans-1,4-Dichloro-2-butene
Concen: 122.729 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

**Instrument :**
MSVOA_N
**ClientSampleId :**
FK-0D015-03-003

Tgt Ion: 75 Resp: 127830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 86.3 | 129.5# |
| 89 | 0.0 | 34.6 | 51.8# |

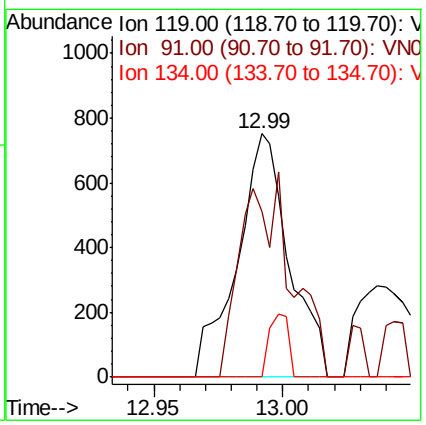


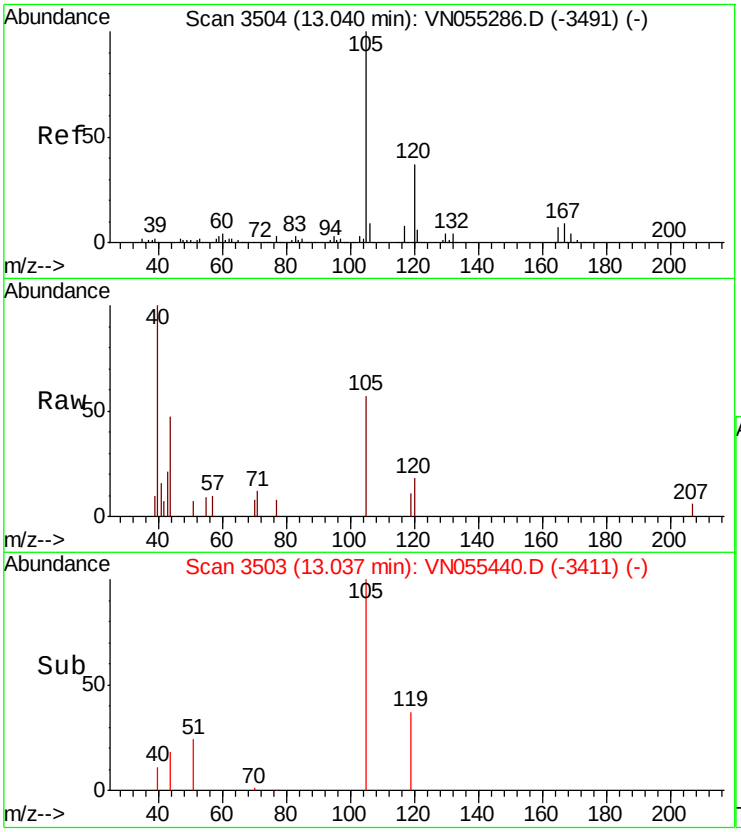




#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

Tgt Ion:119 Resp: 1053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 80.2 | 34.3 | 102.9 |
| 134 | 9.8 | 13.1 | 39.3# |



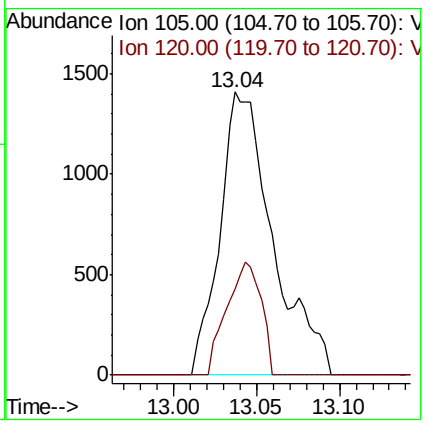


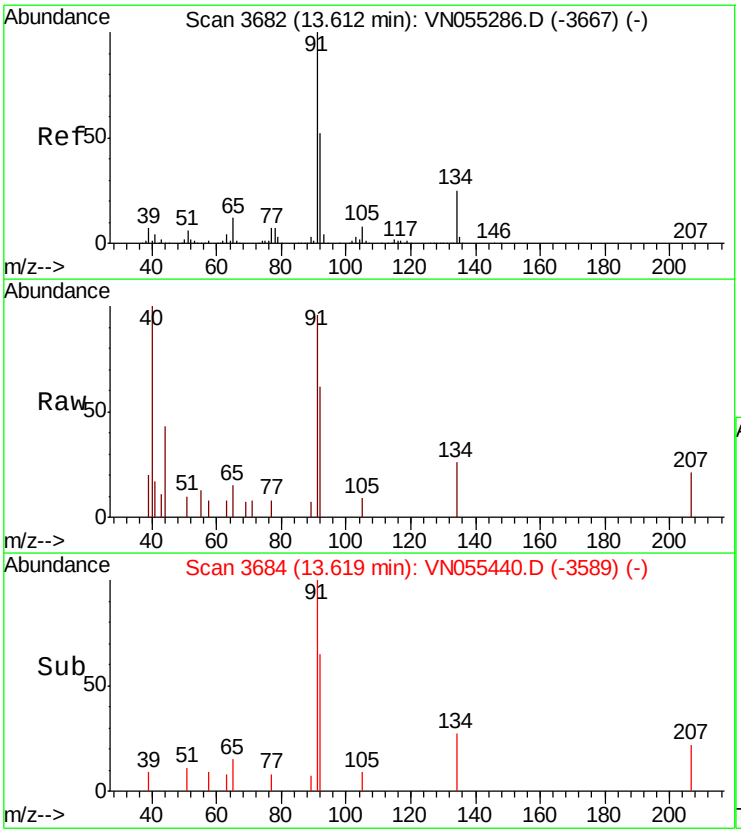

#84
1,2,4-Trimethylbenzene
Concen: 0.226 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

**Instrument :**
MSVOA_N
**ClientSampleId :**
FK-0D015-03-003

Tgt Ion:105 Resp: 3129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 25.8 | 22.1 | 66.5 |

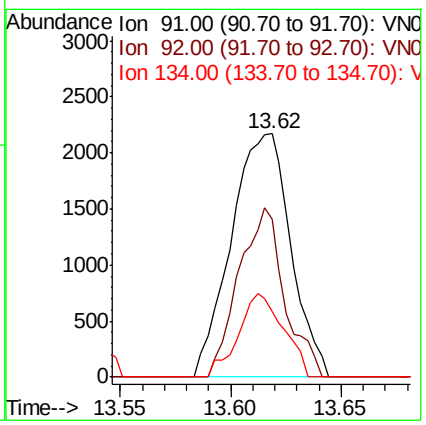


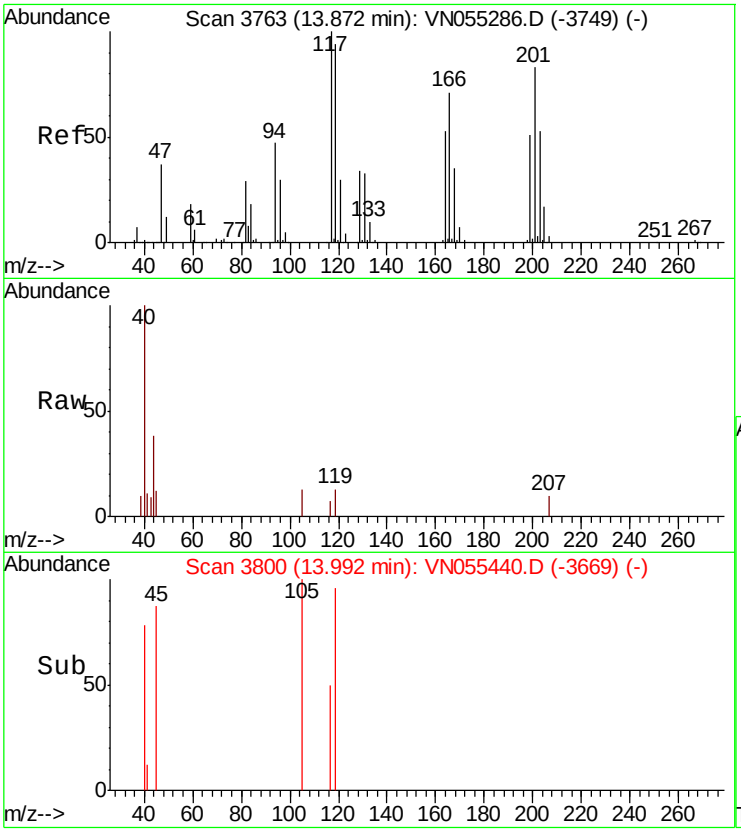




#89
n-Butylbenzene
Concen: 0.413 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.01 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

Tgt Ion: 91 Resp: 4054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 53.6 | 26.1 | 78.3 |
| 134 | 26.0 | 12.4 | 37.4 |



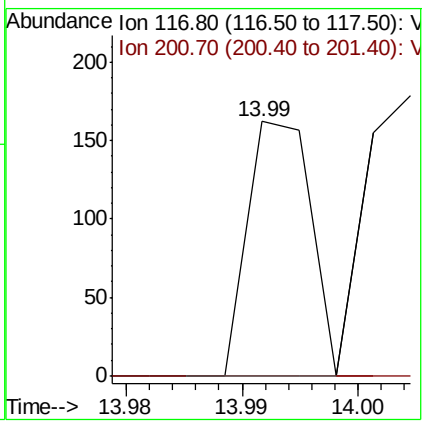


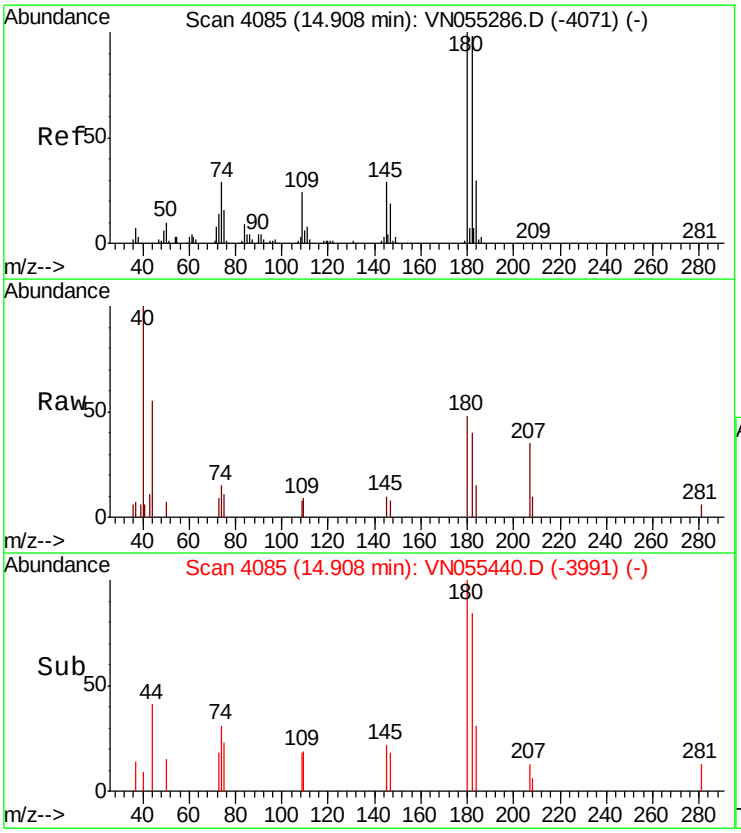

#90
Hexachloroethane
Concen: Below Cal
RT: 13.99 min Scan# 3800
Delta R.T. 0.12 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

**Instrument :** MSVOA_N
**ClientSampleId :** FK-0D015-03-003

Tgt Ion:117 Resp: 61

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 0.0 | 41.9 | 125.8# |

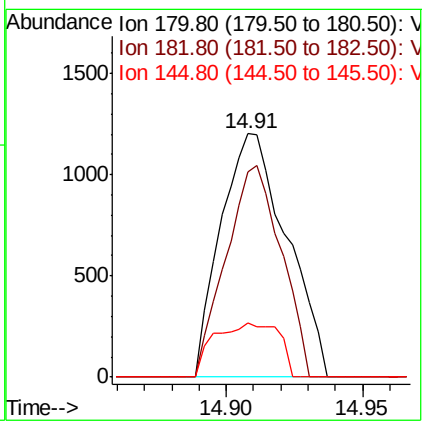


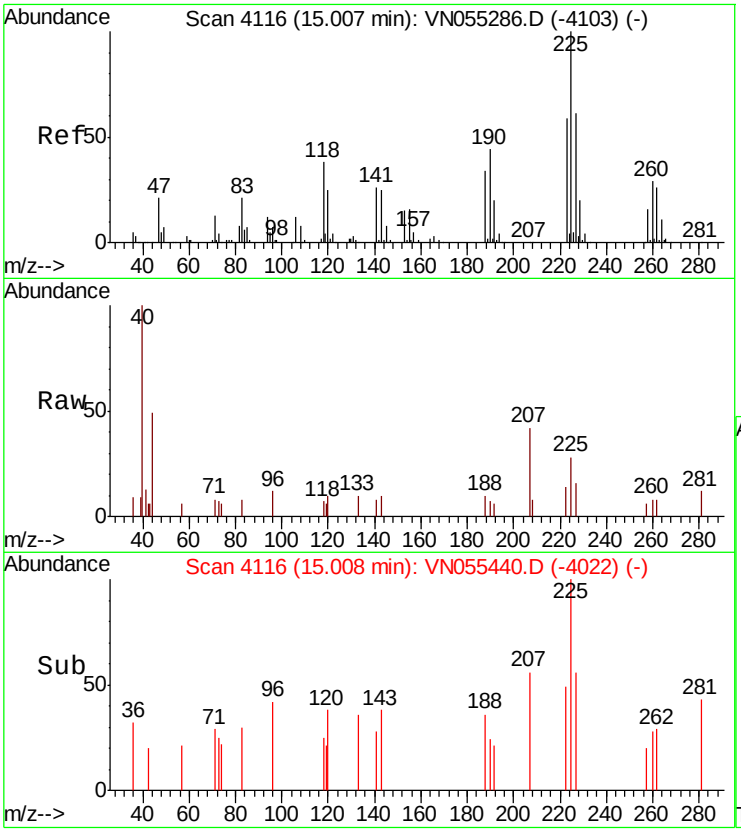




#93
1,2,4-Trichlorobenzene
Concen: 4.040 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

Tgt Ion:180 Resp: 2017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 72.5 | 48.3 | 144.9 |
| 145 | 21.5 | 14.2 | 42.6 |



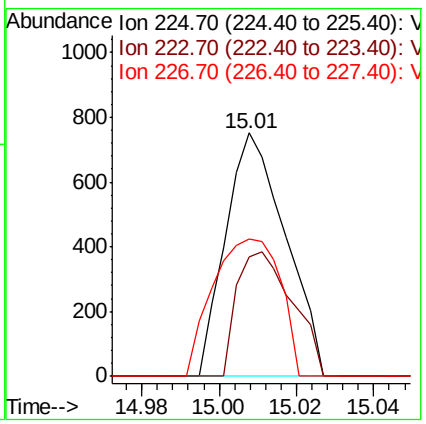


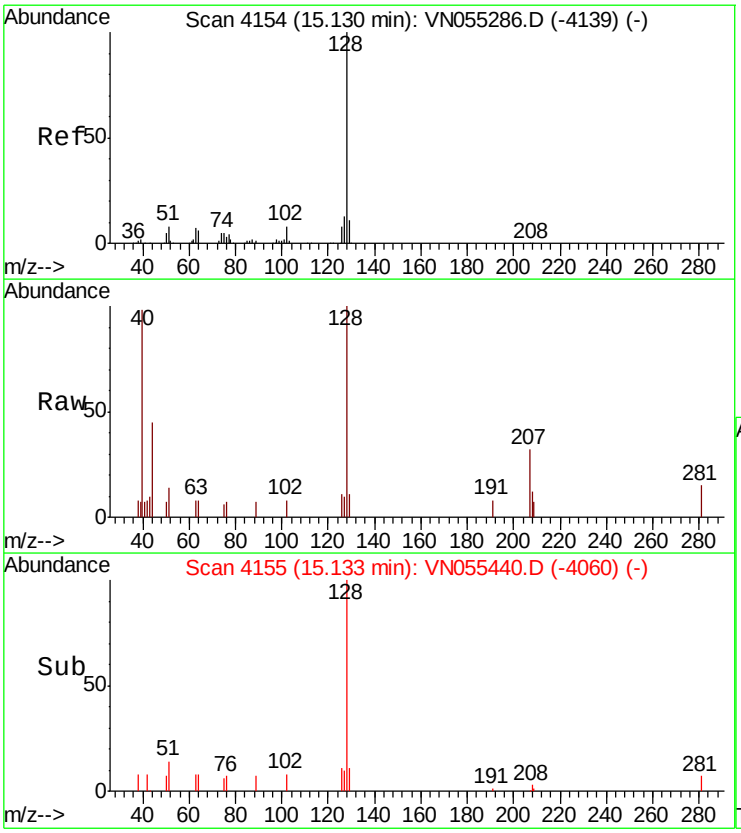

#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.01 min Scan# 4116
Delta R.T. 0.00 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

**Instrument :**
MSVOA_N
**ClientSampleId :**
FK-0D015-03-003

Tgt Ion:225 Resp: 805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 47.3 | 30.3 | 90.8 |
| 227 | 63.6 | 30.9 | 92.7 |

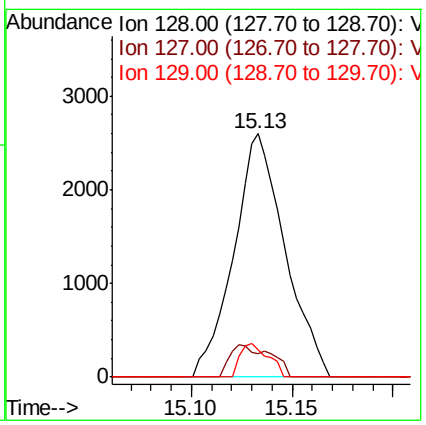


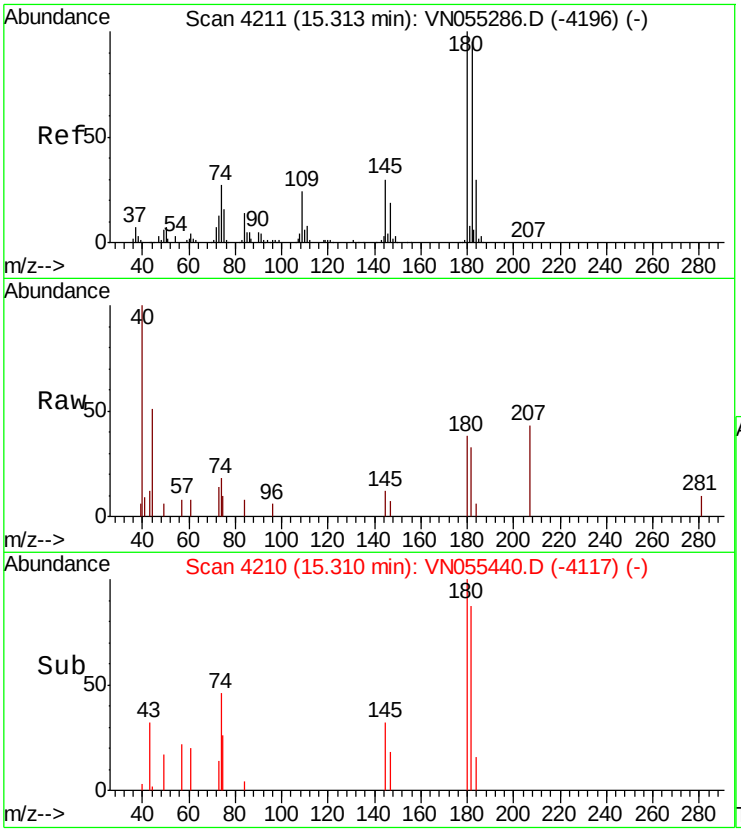




#95
Naphthalene
Concen: 4.112 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

Tgt Ion:128 Resp: 4604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 10.6 | 10.7 | 16.1# |
| 129 | 7.6 | 8.6 | 13.0# |






#96
1,2,3-Trichlorobenzene
Concen: 3.263 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN055440.D
Acq: 7 May 2019 16:19

**Instrument :**
MSVOA_N
**ClientSampleId :**
FK-0D015-03-003

Tgt Ion:180 Resp: 1744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.9 | 48.3 | 144.9 |
| 145 | 31.3 | 15.2 | 45.6 |