Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021224\
Data File : VN081006.D
Acq On : 12 Feb 2024 16:00
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
IBLK

Quant Time: Feb 13 03:21:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 07 06:22:23 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 8.288 | 168 | 207813 | 50.000 | ug/l | 0.06 |
| 34) 1,4-Difluorobenzene | 9.147 | 114 | 464757 | 50.000 | ug/l | 0.05 |
| 63) Chlorobenzene-d5 | 11.882 | 117 | 565344 | 50.000 | ug/l | 0.02 |
| 72) 1,4-Dichlorobenzene-d4 | 13.800 | 152 | 289310 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.636 | 65 | 193688 | 73.882 | ug/l | 0.06 |
| Spiked Amount 50.000 | Range 74 - 125 | | Recovery = 147.760%# | | | |
| 35) Dibromofluoromethane | 8.236 | 113 | 178346 | 71.513 | ug/l | 0.07 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 143.020%# | | | |
| 50) Toluene-d8 | 10.588 | 98 | 604192 | 66.979 | ug/l | 0.02 |
| Spiked Amount 50.000 | Range 86 - 113 | | Recovery = 133.960%# | | | |
| 62) 4-Bromofluorobenzene | 12.859 | 95 | 280475 | 85.590 | ug/l | 0.01 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 171.180%# | | | |
| Target Compounds | | | | | | Qvalue |
| 3) Chloromethane | 2.495 | 50 | 291694 | 121.564 | ug/l | 93 |
| 5) Bromomethane | 2.954 | 94 | 583 | 0.295 | ug/l # | 35 |
| 6) Chloroethane | 3.277 | 64 | 4312 | 1.989 | ug/l # | 44 |
| 10) Methyl Iodide | 4.777 | 142 | 10835 | 4.947 | ug/l # | 86 |
| 11) Tert butyl alcohol | 5.724 | 59 | 10569 | 29.260 | ug/l # | 82 |
| 13) Acrolein | 4.201 | 56 | 789 | 1.733 | ug/l # | 15 |
| 14) Allyl chloride | 5.083 | 41 | 2248347 | 761.628 | ug/l # | 22 |
| 15) Acrylonitrile | 5.742 | 53 | 362 | 0.367 | ug/l # | 77 |
| 18) Methyl Acetate | 5.071 | 43 | 9109586 | 3796.833 | ug/l # | 54 |
| 22) Diisopropyl ether | 6.789 | 45 | 2607 | 0.381 | ug/l # | 77 |
| 23) Vinyl Acetate | 6.624 | 43 | 1236 | 0.274 | ug/l # | 75 |
| 25) 2-Butanone | 7.512 | 43 | 2257 | 1.630 | ug/l # | 51 |
| 29) Tetrahydrofuran | 7.900 | 42 | 899 | 1.062 | ug/l # | 56 |
| 31) Cyclohexane | 8.283 | 56 | 6001 | 1.675 | ug/l # | 1 |
| 36) 1,1-Dichloropropene | 8.288 | 75 | 18018 | 4.857 | ug/l # | 46 |
| 37) Ethyl Acetate | 7.571 | 43 | 2398 | 0.854 | ug/l # | 92 |
| 38) Carbon Tetrachloride | 8.283 | 117 | 22665 | 5.959 | ug/l # | 17 |
| 40) Benzene | 8.671 | 78 | 3179 | 0.281 | ug/l # | 88 |
| 41) Methacrylonitrile | 7.847 | 41 | 967 | 0.578 | ug/l | 95 |
| 42) 1,2-Dichloroethane | 8.741 | 62 | 11387 | 2.896 | ug/l | 89 |
| 43) Isopropyl Acetate | 8.724 | 43 | 1578 | 0.306 | ug/l # | 80 |
| 45) 1,2-Dichloropropane | 9.635 | 63 | 658 | 0.216 | ug/l # | 39 |
| 48) Methyl methacrylate | 9.724 | 41 | 3119 | 1.072 | ug/l # | 69 |
| 49) 1,4-Dioxane | 9.877 | 88 | 853455 | 15892.381 | ug/l # | 72 |
| 51) 4-Methyl-2-Pentanone | 10.512 | 43 | 709 | 0.228 | ug/l # | 1 |
| 52) Toluene | 10.706 | 92 | 7337 | 0.970 | ug/l | 96 |
| 56) Ethyl methacrylate | 10.894 | 69 | 10668 | 3.050 | ug/l # | 1 |
| 57) 1,3-Dichloropropane | 11.224 | 76 | 5195 | 1.095 | ug/l # | 43 |
| 59) 2-Hexanone | 11.224 | 43 | 6290 | 2.668 | ug/l | 81 |
| 67) Ethyl Benzene | 12.000 | 91 | 8723 | 0.427 | ug/l # | 75 |
| 68) m/p-Xylenes | 12.094 | 106 | 11788 | 1.520 | ug/l | 89 |
| 70) Styrene | 12.453 | 104 | 5959 | 0.528 | ug/l # | 24 |
| 74) N-amyl acetate | 12.471 | 43 | 3699 | 0.456 | ug/l # | 58 |
| 76) 1,2,3-Trichloropropane | 12.859 | 75 | 148641 | 25.198 | ug/l # | 1 |
| 80) 1,3,5-Trimethylbenzene | 13.188 | 105 | 5507 | 0.301 | ug/l | 81 |
| 81) trans-1,4-Dichloro-2-b... | 12.688 | 75 | 29965 | 13.801 | ug/l # | 33 |

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021224\
Data File : VN081006.D
Acq On : 12 Feb 2024 16:00
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
IBLK

Quant Time: Feb 13 03:21:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 07 06:22:23 2024
Response via : Initial Calibration

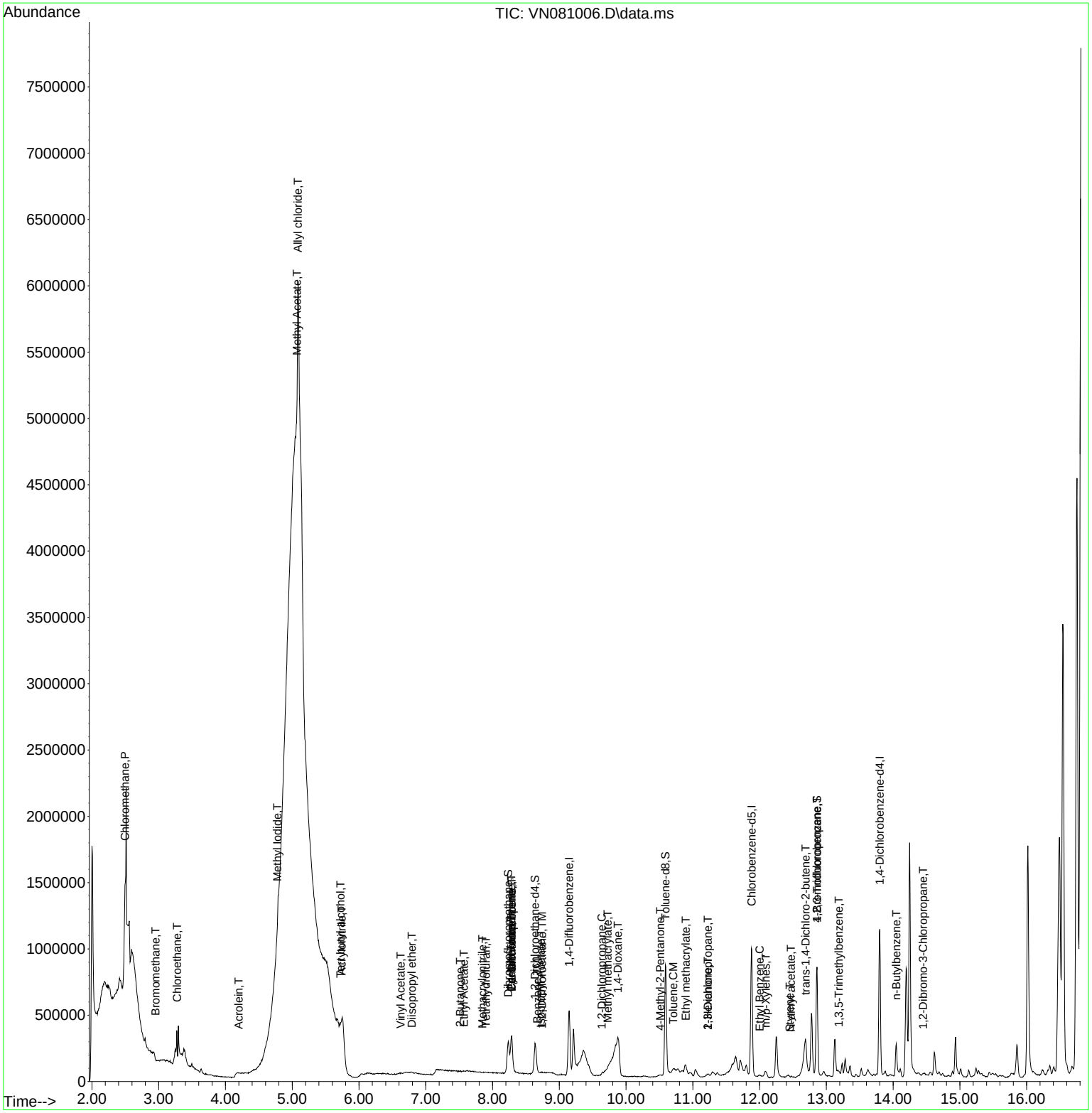
| | Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|---|
| 89) | n-Butylbenzene | 14.047 | 91 | 81081 | 5.185 | ug/l | # | 42 |
| 92) | 1,2-Dibromo-3-Chloropr... | 14.447 | 75 | 370 | 0.283 | ug/l | | 71 |

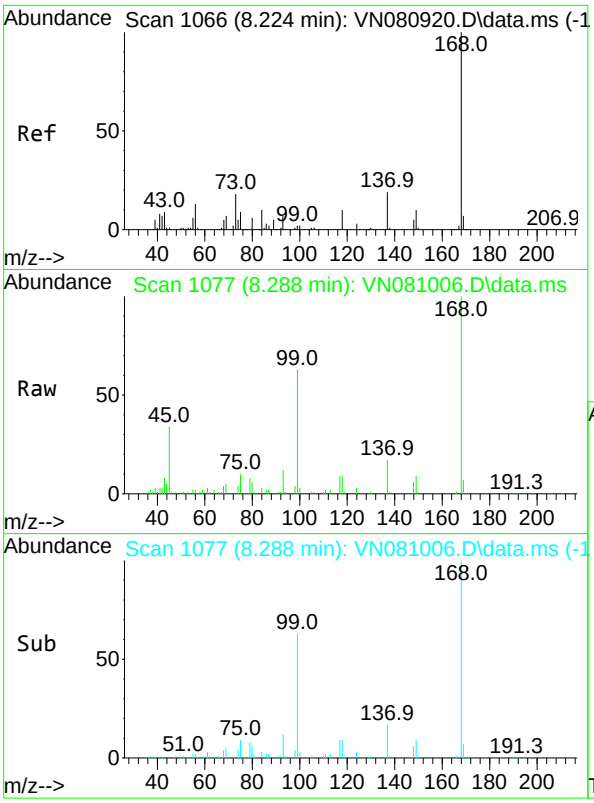
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021224\
Data File : VN081006.D
Acq On : 12 Feb 2024 16:00
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
IBLK

Quant Time: Feb 13 03:21:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 07 06:22:23 2024
Response via : Initial Calibration



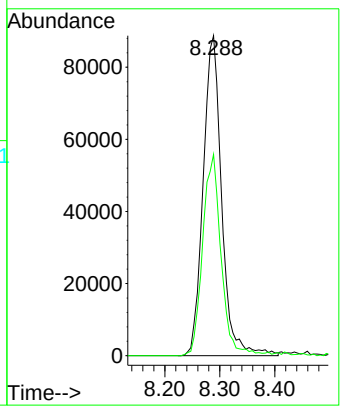


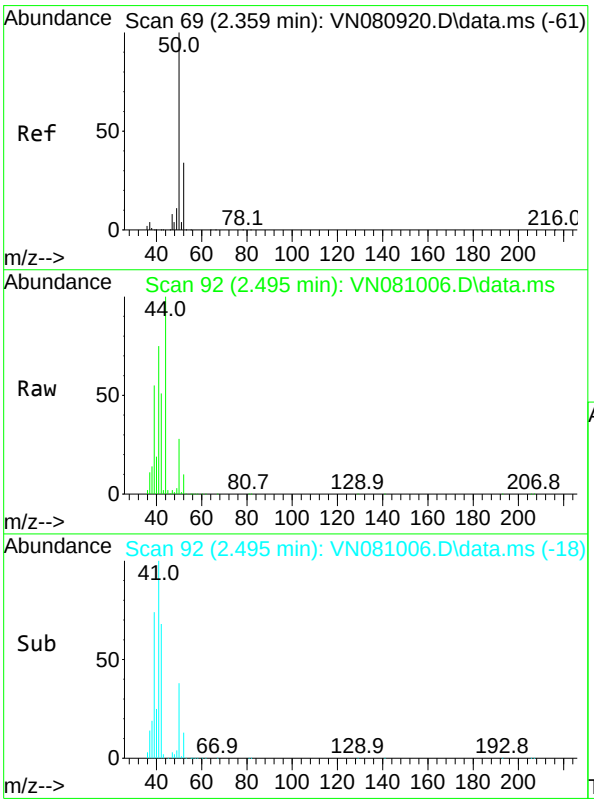

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.288 min Scan# 1
Delta R.T. 0.064 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

**Instrument :**
MSVOA_N
**ClientSampleId :**
IBLK

Tgt Ion:168 Resp: 207813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 62.9 | 59.9 | 89.9 |

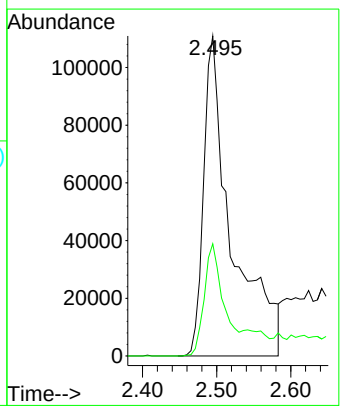


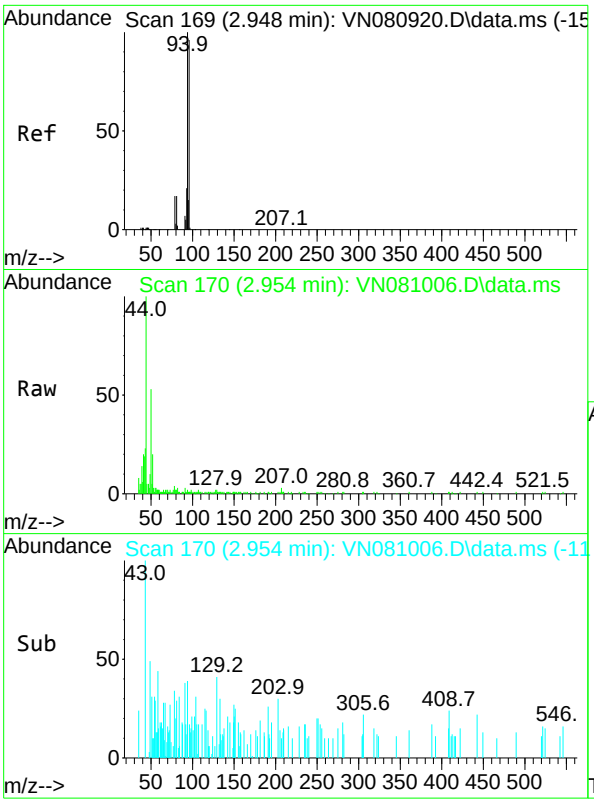




#3
Chloromethane
Concen: 121.564 ug/l
RT: 2.495 min Scan# 92
Delta R.T. 0.136 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion: 50 Resp: 291694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 35.1 | 25.0 | 37.4 |



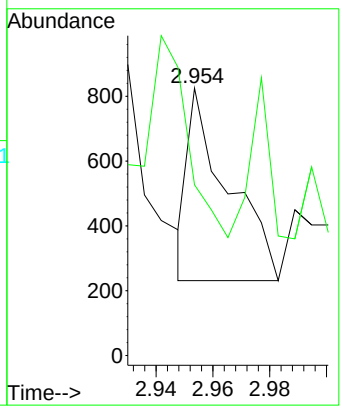


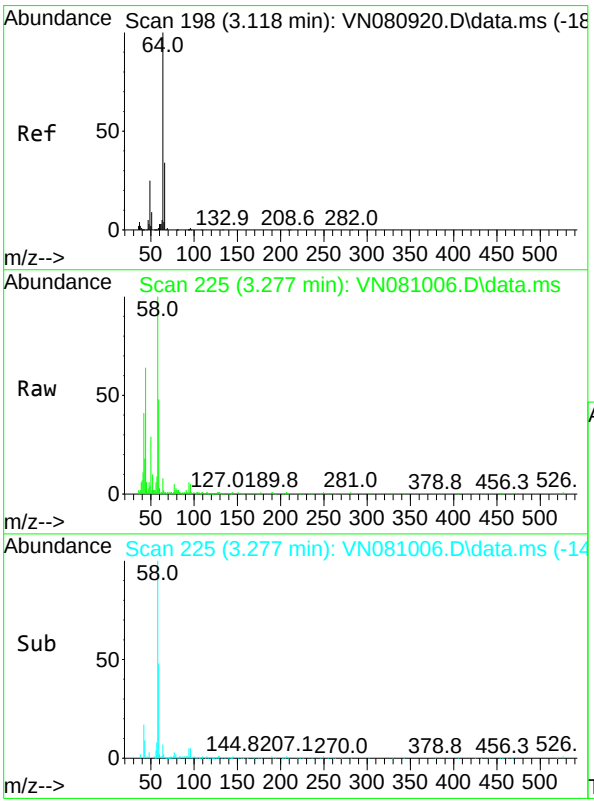

#5
Bromomethane
Concen: 0.295 ug/l
RT: 2.954 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

**Instrument :**
MSVOA_N
**ClientSampleId :**
IBLK

Tgt Ion: 94 Resp: 583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 26.6 | 69.2 | 103.8# |

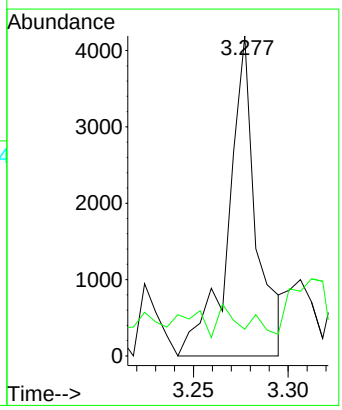


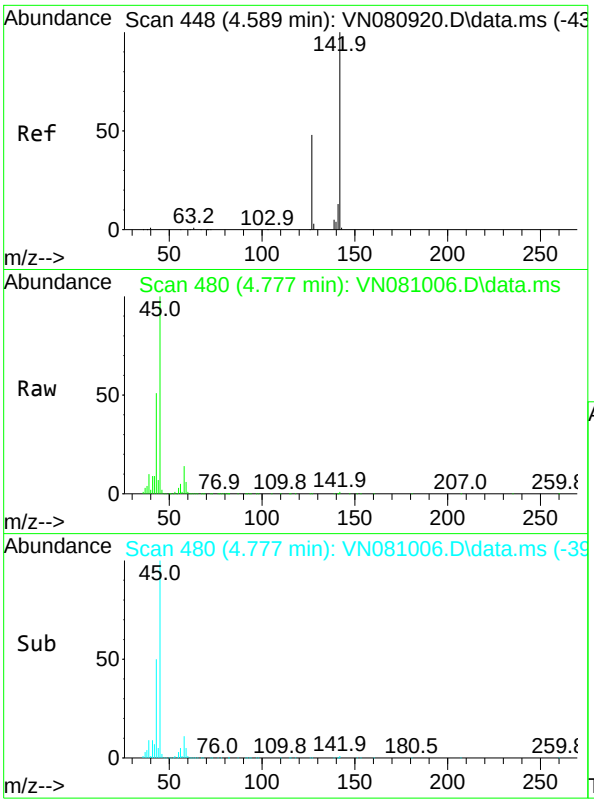




#6
Chloroethane
Concen: 1.989 ug/l
RT: 3.277 min Scan# 225
Delta R.T. 0.159 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion: 64 Resp: 4312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 1.6 | 26.4 | 39.6# |



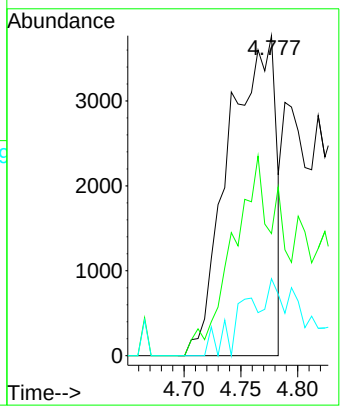


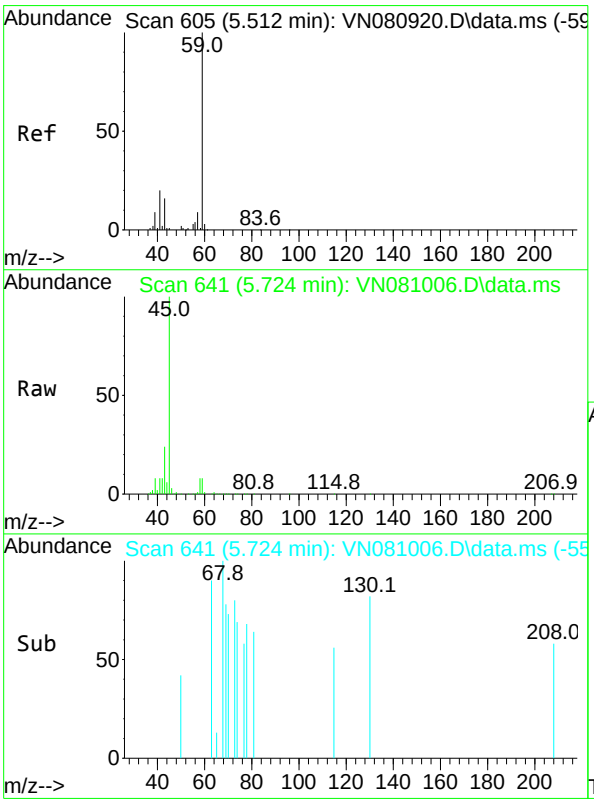

#10
Methyl Iodide
Concen: 4.947 ug/l
RT: 4.777 min Scan# 48
Delta R.T. 0.188 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

**Instrument :**
MSVOA_N
**ClientSampleId :**
IBLK

Tgt Ion:142 Resp: 10835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 38.2 | 37.0 | 55.4 |
| 141 | 24.0 | 12.5 | 18.7# |

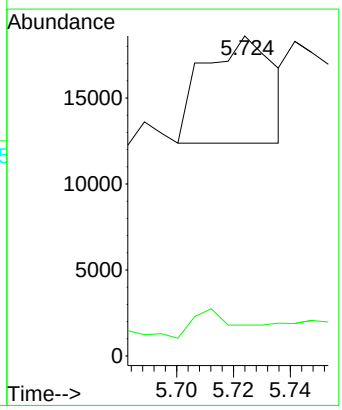


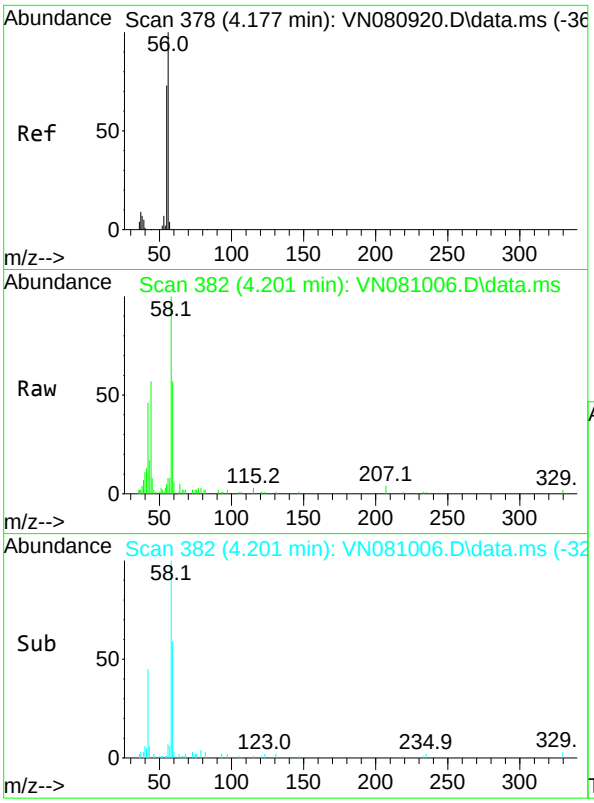




#11
Tert butyl alcohol
Concen: 29.260 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.212 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion: 59 Resp: 10569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 17.5 | 8.6 | 12.8# |



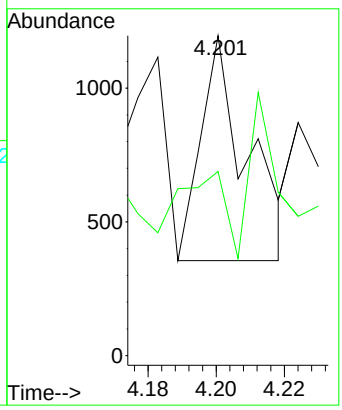


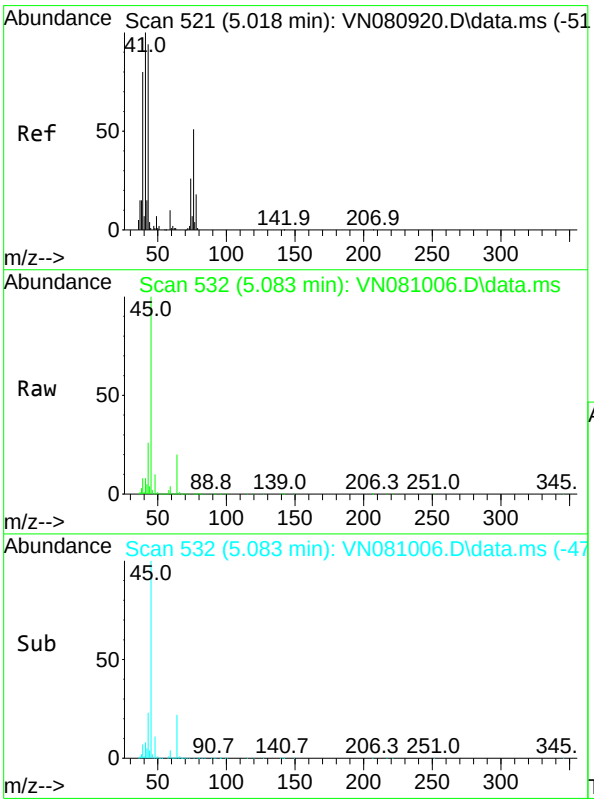

#13
Acrolein
Concen: 1.733 ug/l
RT: 4.201 min Scan# 3
Delta R.T. 0.023 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

**Instrument :**
MSVOA_N
**ClientSampleId :**
IBLK

Tgt Ion: 56 Resp: 789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 0.0 | 55.3 | 82.9# |

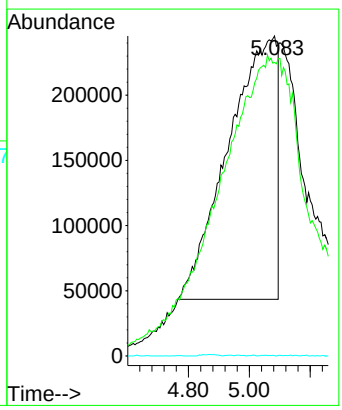


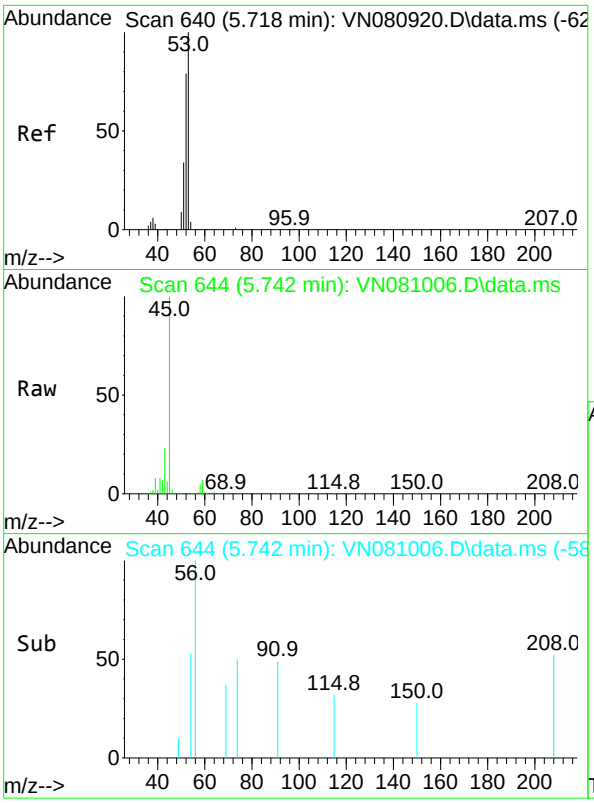




#14
Allyl chloride
Concen: 761.628 ug/l
RT: 5.083 min Scan# 532
Delta R.T. 0.065 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion: 41 Resp: 2248347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 0.0 | 57.7 | 86.5# |
| 76 | 0.0 | 26.8 | 40.2# |



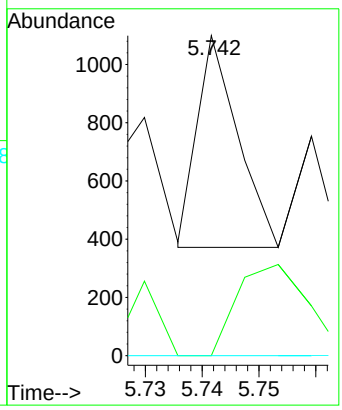


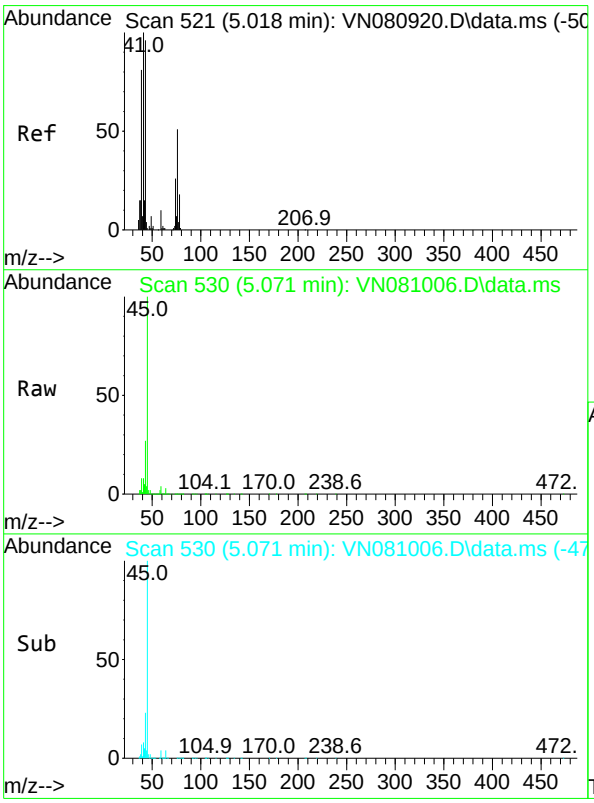

#15
Acrylonitrile
Concen: 0.367 ug/l
RT: 5.742 min Scan# 64
Delta R.T. 0.024 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

**Instrument :**
MSVOA_N
**ClientSampleId :**
IBLK

Tgt Ion: 53 Resp: 362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 73.5 | 64.8 | 97.2 |
| 51 | 0.0 | 26.9 | 40.3# |

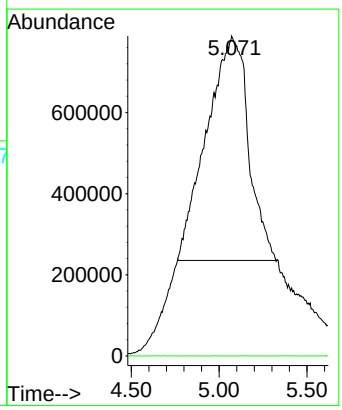


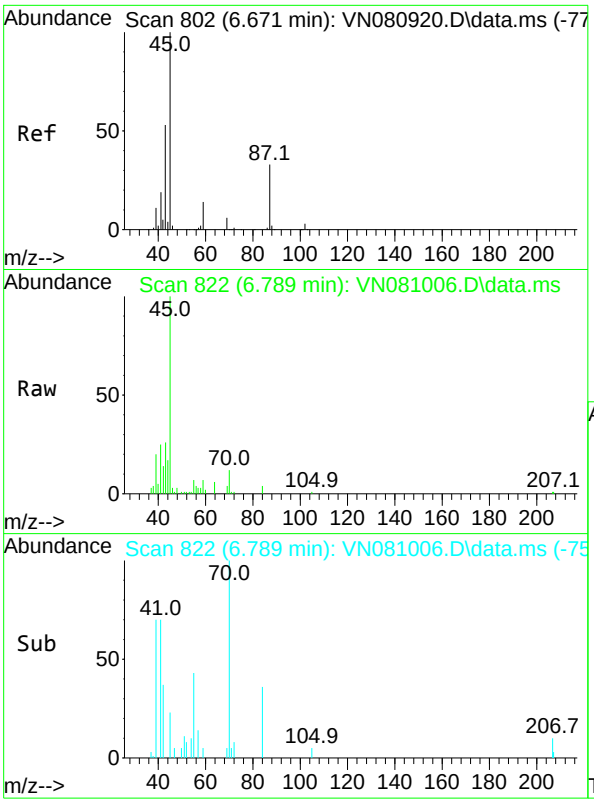




#18
Methyl Acetate
Concen: 3796.833 ug/l
RT: 5.071 min Scan# 530
Delta R.T. 0.053 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion: 43 Resp: 9109586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 0.0 | 17.3 | 25.9# |



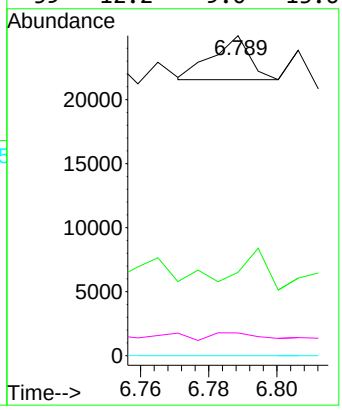


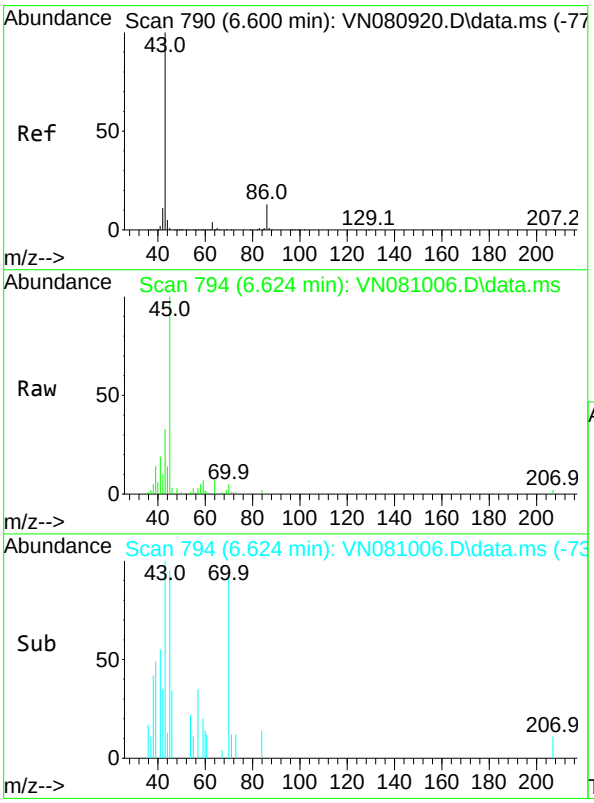

#22
Diisopropyl ether
Concen: 0.381 ug/l
RT: 6.789 min Scan# 8
Delta R.T. 0.118 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

**Instrument :**
MSVOA_N
**ClientSampleId :**
IBLK

Tgt Ion: 45 Resp: 2607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 40.2 | 41.8 | 62.8# |
| 87 | 0.0 | 18.1 | 27.1# |
| 59 | 12.2 | 9.0 | 13.6 |

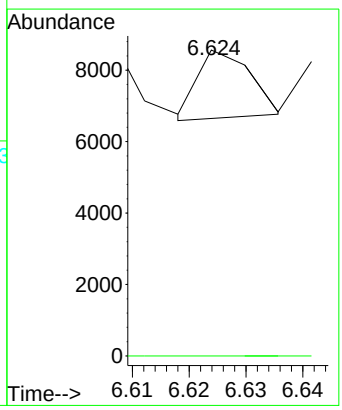


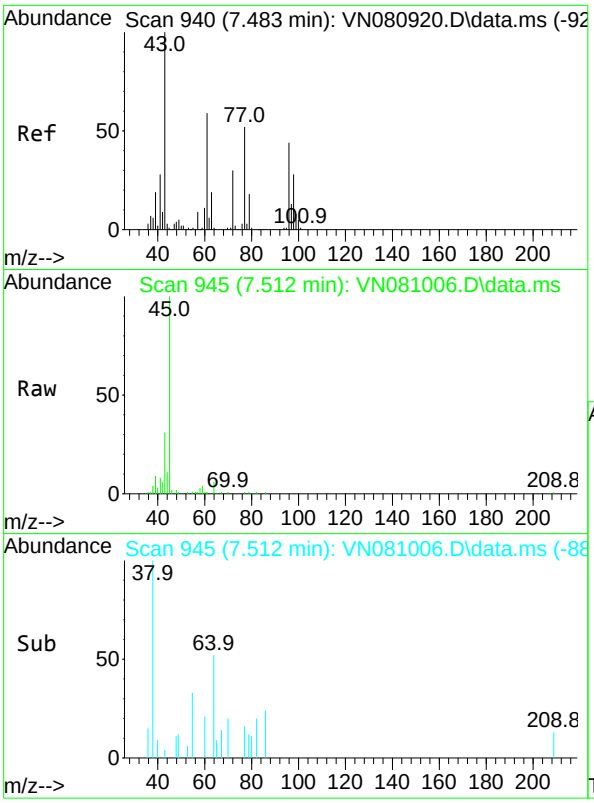




#23
Vinyl Acetate
Concen: 0.274 ug/l
RT: 6.624 min Scan# 794
Delta R.T. 0.024 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion: 43 Resp: 1236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 0.0 | 7.1 | 10.7# |



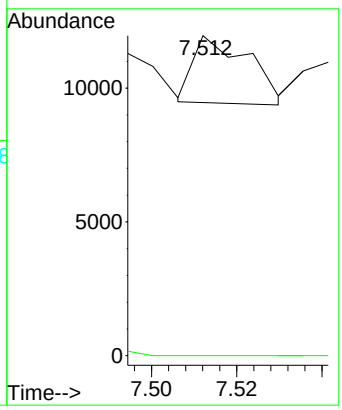


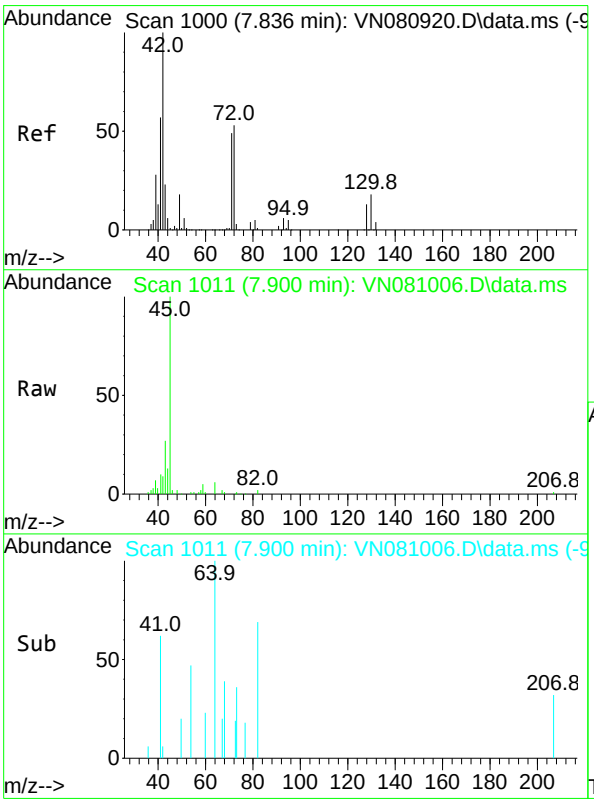

#25
2-Butanone
Concen: 1.630 ug/l
RT: 7.512 min Scan# 94
Delta R.T. 0.029 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

**Instrument :**
MSVOA_N
**ClientSampleId :**
IBLK

Tgt Ion: 43 Resp: 2257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 0.0 | 19.5 | 29.3# |

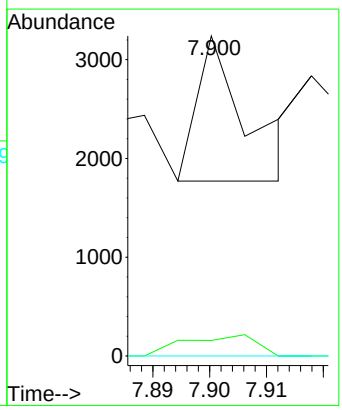


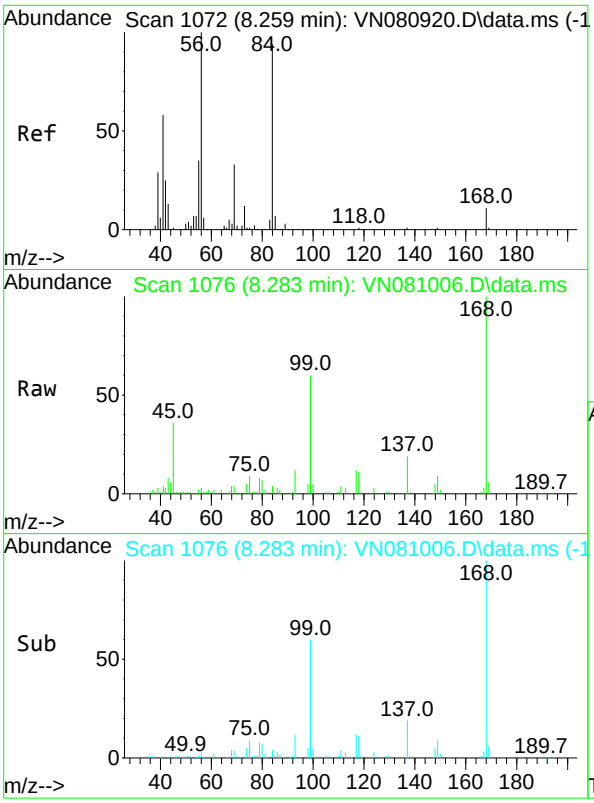




#29
Tetrahydrofuran
Concen: 1.062 ug/l
RT: 7.900 min Scan# 1011
Delta R.T. 0.065 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion: 42 Resp: 899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 20.9 | 31.1 | 46.7# |
| 71 | 0.0 | 28.3 | 42.5# |



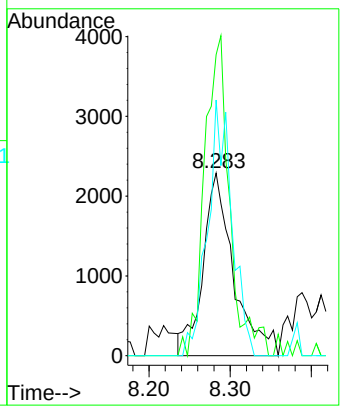


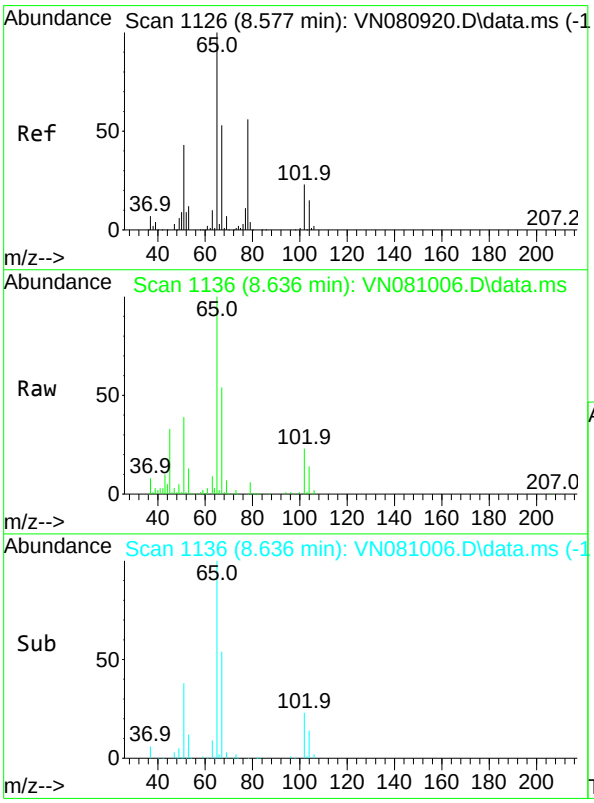

#31
Cyclohexane
Concen: 1.675 ug/l
RT: 8.283 min Scan# 1
Delta R.T. 0.024 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

**Instrument :**
MSVOA_N
**ClientSampleId :**
IBLK

Tgt Ion: 56 Resp: 6001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 173.2 | 20.1 | 30.1# |
| 84 | 140.0 | 56.9 | 85.3# |

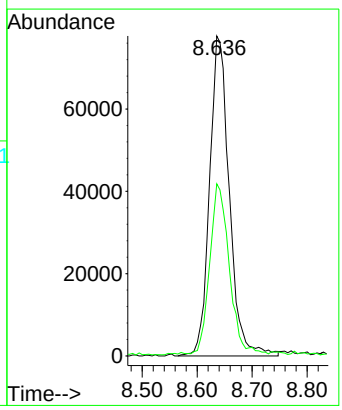


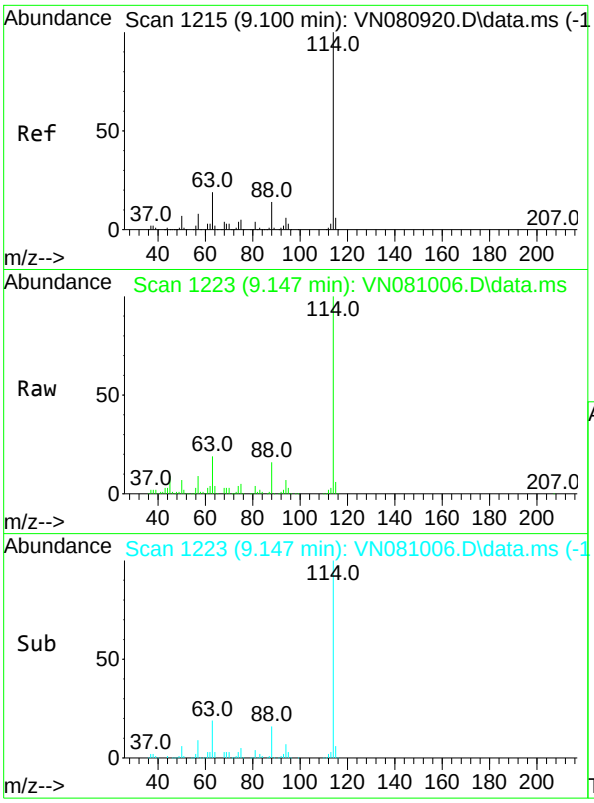




#33
1,2-Dichloroethane-d4
Concen: 73.882 ug/l
RT: 8.636 min Scan# 1136
Delta R.T. 0.059 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion: 65 Resp: 193688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.9 | 0.0 | 102.4 |



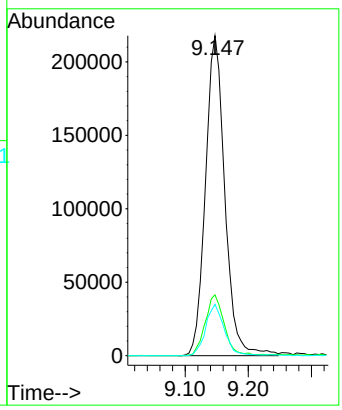


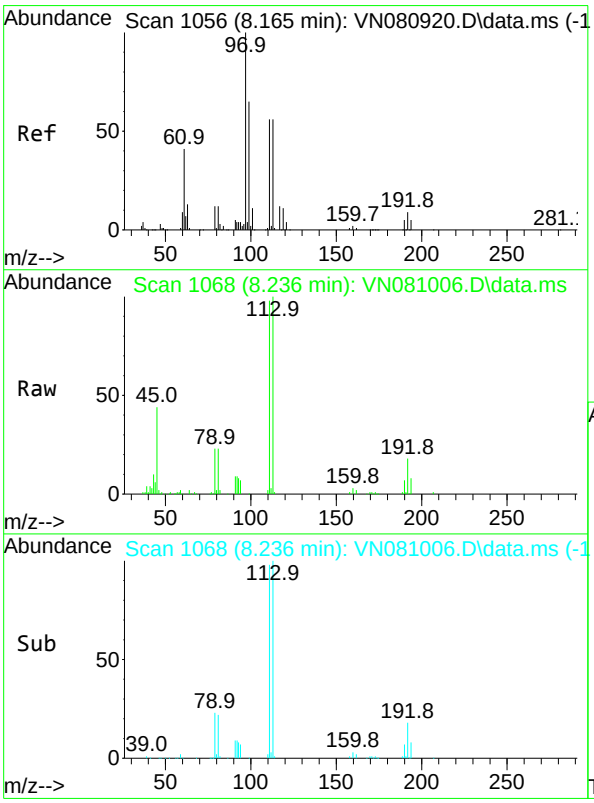

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.147 min Scan# 1
Delta R.T. 0.047 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

**Instrument :**
MSVOA_N
**ClientSampleId :**
IBLK

Tgt Ion:114 Resp: 464757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.0 | 0.0 | 48.0 |
| 88 | 16.0 | 0.0 | 34.8 |

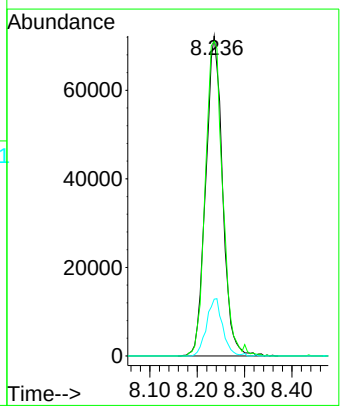


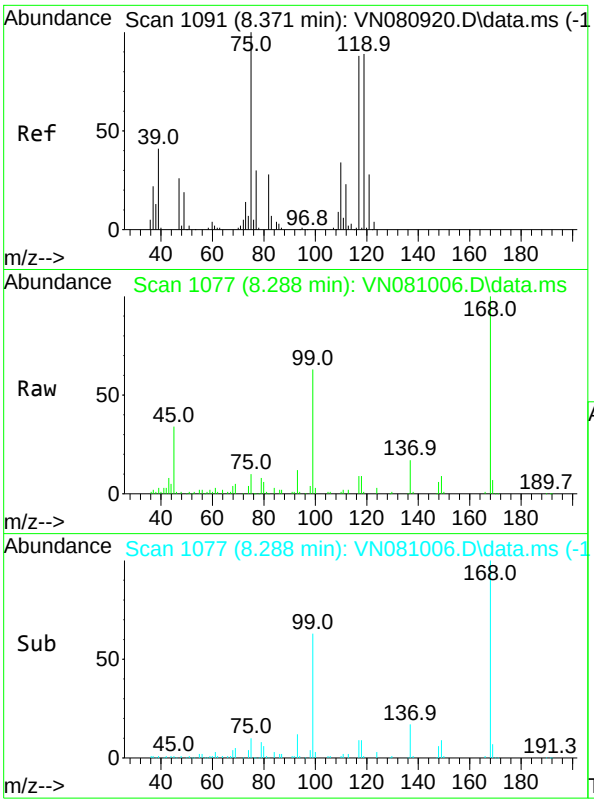




#35
Dibromofluoromethane
Concen: 71.513 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.071 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion:113 Resp: 178346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 100.7 | 82.2 | 123.4 |
| 192 | 17.2 | 12.5 | 18.7 |



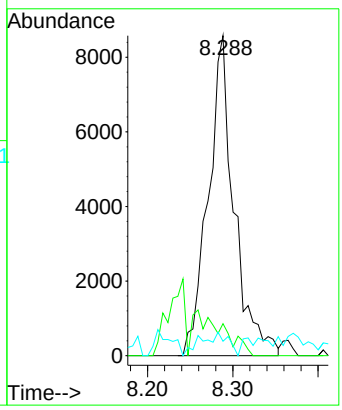


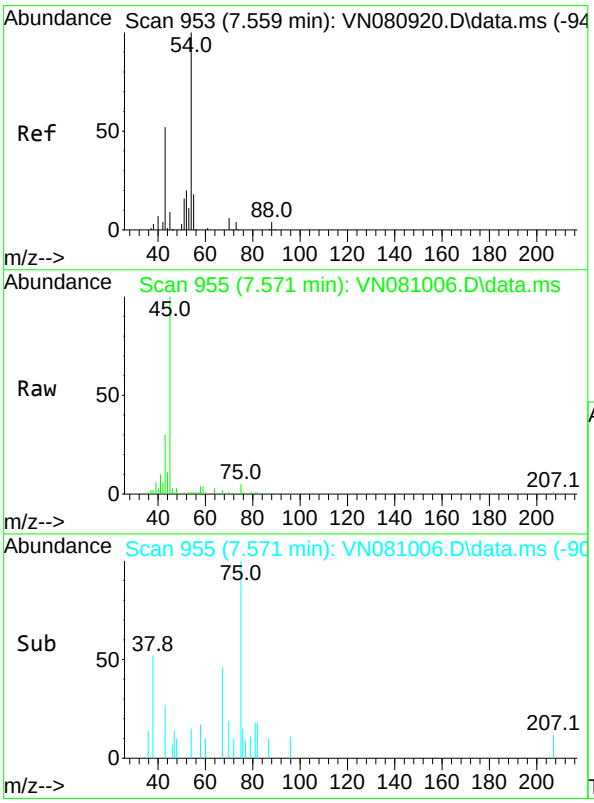

#36
1,1-Dichloropropene
Concen: 4.857 ug/l
RT: 8.288 min Scan# 1
Delta R.T. -0.082 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

**Instrument :**
MSVOA_N
**ClientSampleId :**
IBLK

Tgt Ion: 75 Resp: 18018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 0.0 | 16.0 | 48.0# |
| 77 | 3.5 | 25.8 | 38.6# |

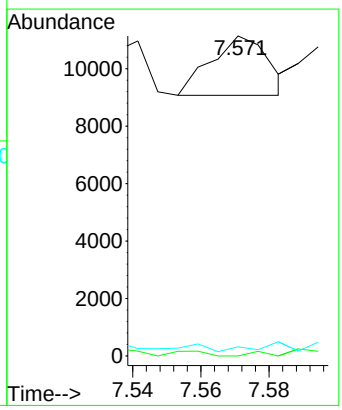


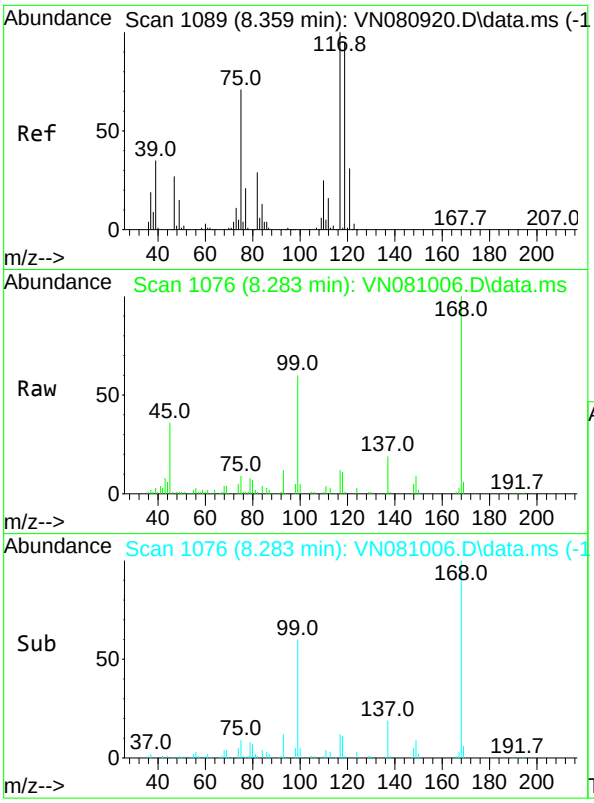




#37
Ethyl Acetate
Concen: 0.854 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.012 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion: 43 Resp: 2398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 8.4 | 10.6 | 15.8# |
| 70 | 8.8 | 8.0 | 12.0 |



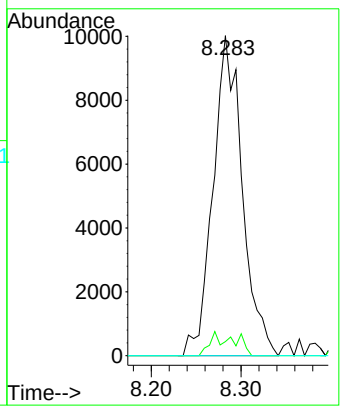


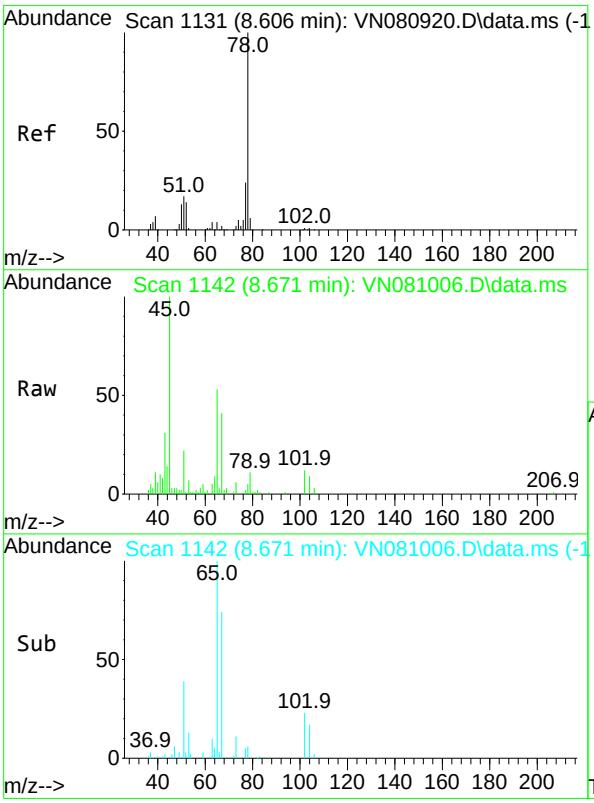

#38
Carbon Tetrachloride
Concen: 5.959 ug/l
RT: 8.283 min Scan# 1
Delta R.T. -0.076 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

**Instrument :**
MSVOA_N
**ClientSampleId :**
IBLK

Tgt Ion:117 Resp: 22665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 4.4 | 73.4 | 110.2# |
| 121 | 0.0 | 24.4 | 36.6# |

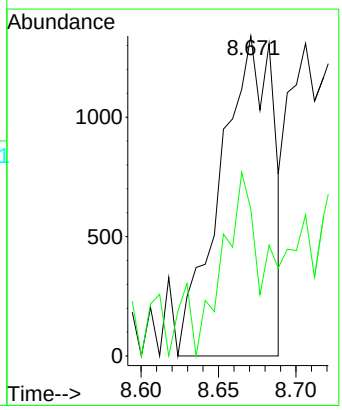


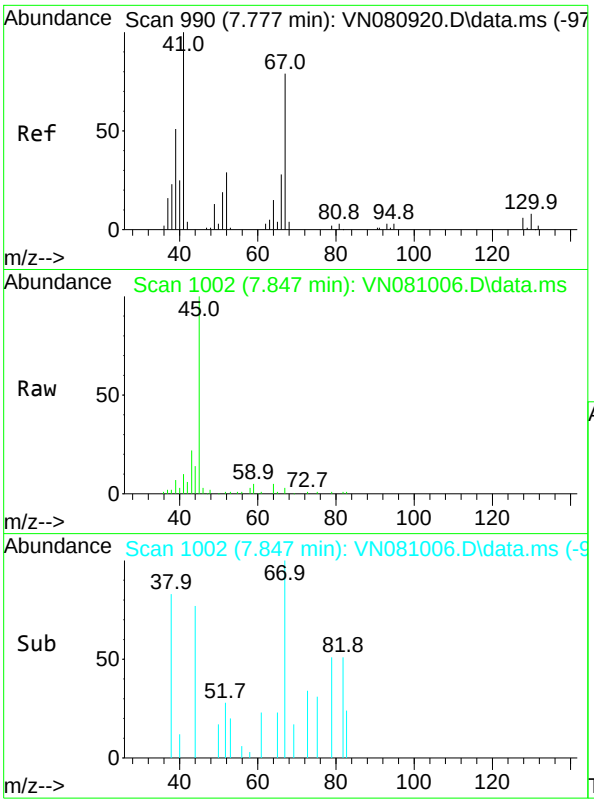




#40
Benzene
Concen: 0.281 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.065 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion: 78 Resp: 3179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 31.8 | 20.4 | 30.6# |



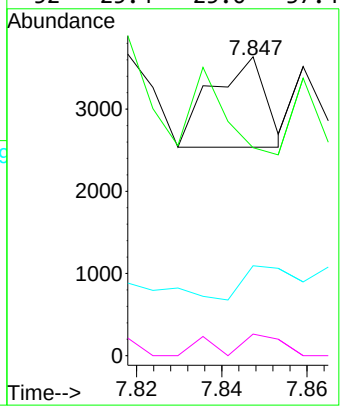


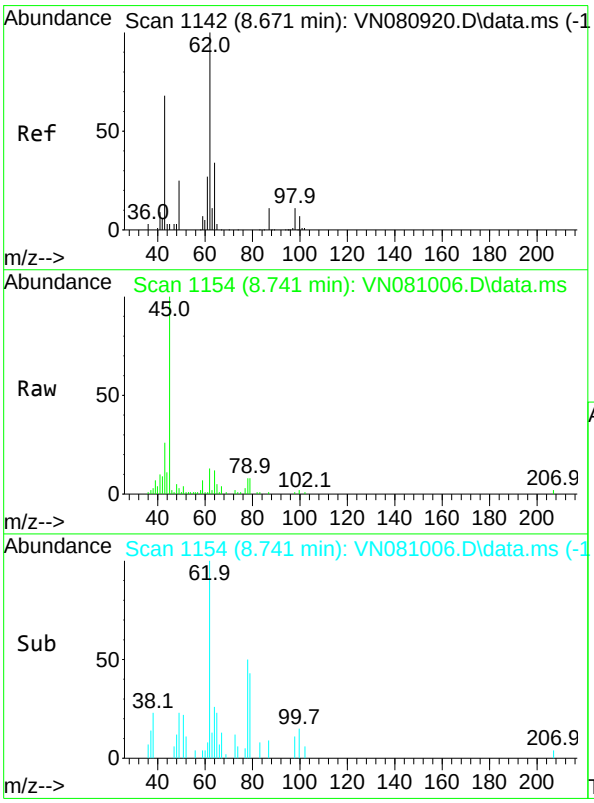

#41
Methacrylonitrile
Concen: 0.578 ug/l
RT: 7.847 min Scan# 1
Delta R.T. 0.071 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

**Instrument :**
MSVOA_N
**ClientSampleId :**
IBLK

Tgt Ion: 41 Resp: 967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 57.0 | 48.4 | 72.6 |
| 67 | 74.3 | 56.8 | 85.2 |
| 52 | 25.4 | 25.0 | 37.4 |

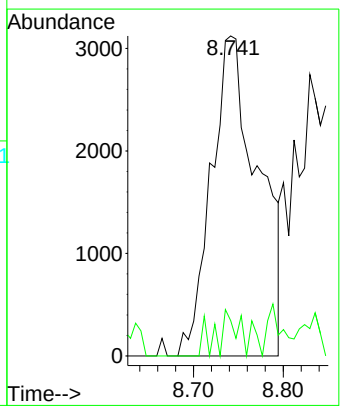


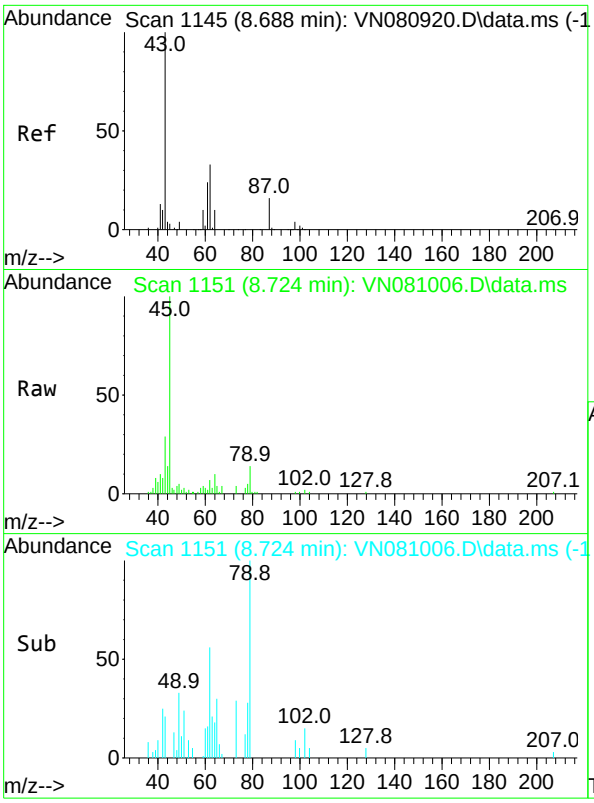




#42
1,2-Dichloroethane
Concen: 2.896 ug/l
RT: 8.741 min Scan# 1154
Delta R.T. 0.071 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion: 62 Resp: 11387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 5.2 | 0.0 | 18.0 |



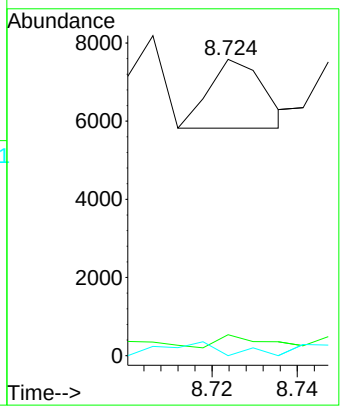


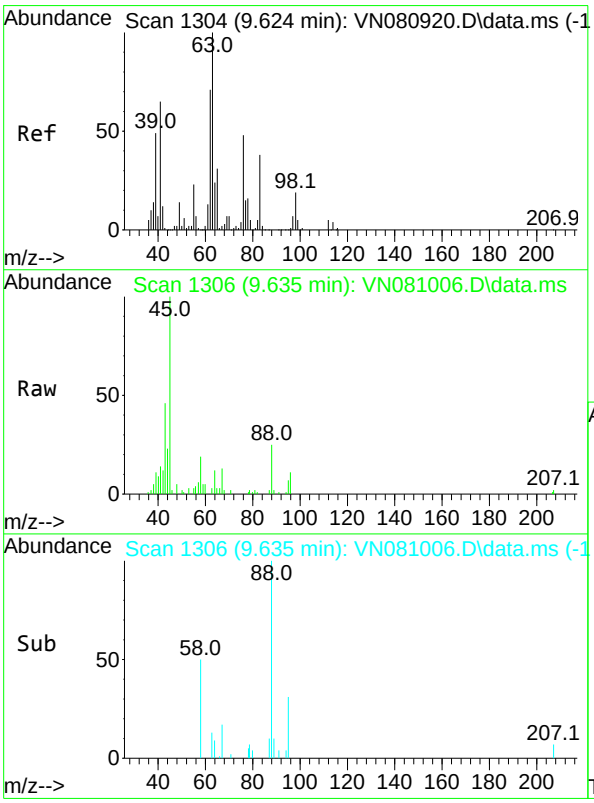

#43
Isopropyl Acetate
Concen: 0.306 ug/l
RT: 8.724 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

**Instrument :**
MSVOA_N
**ClientSampleId :**
IBLK

Tgt Ion: 43 Resp: 1578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 16.6 | 19.9 | 29.9# |
| 87 | 22.3 | 9.0 | 13.6# |

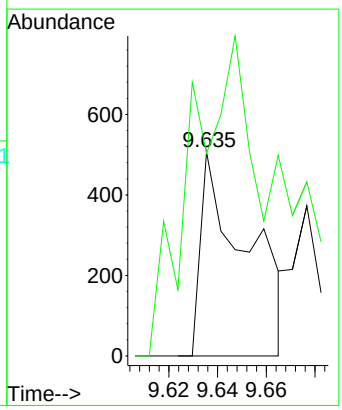


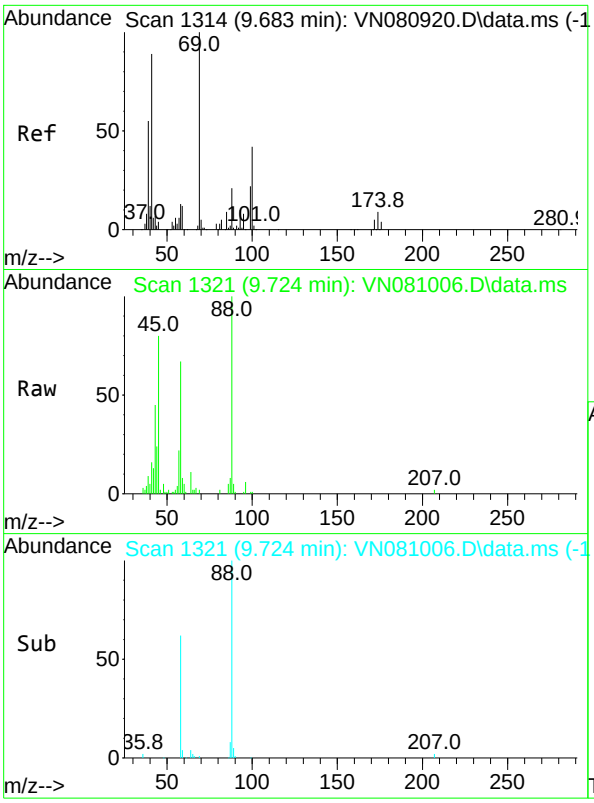




#45
1,2-Dichloropropane
Concen: 0.216 ug/l
RT: 9.635 min Scan# 1306
Delta R.T. 0.012 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion: 63 Resp: 658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 66.7 | 26.1 | 39.1# |



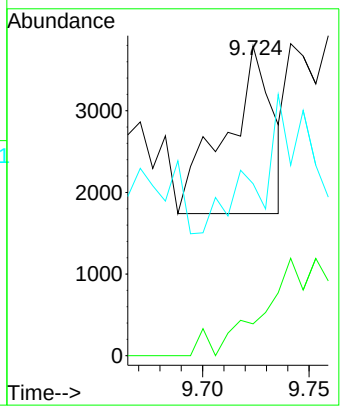


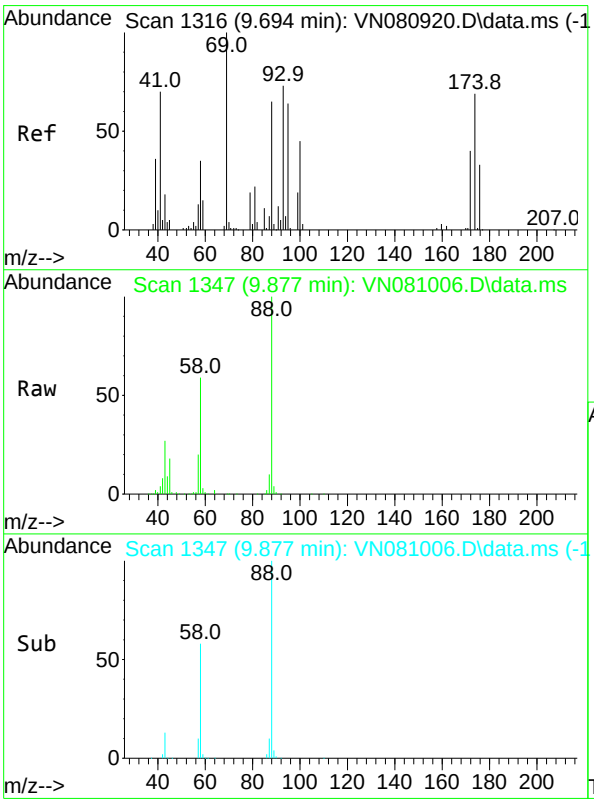

#48
Methyl methacrylate
Concen: 1.072 ug/l
RT: 9.724 min Scan# 1
Delta R.T. 0.041 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

**Instrument :**
MSVOA_N
**ClientSampleId :**
IBLK

Tgt Ion: 41 Resp: 3119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 53.5 | 62.2 | 93.2# |
| 39 | 85.8 | 47.6 | 71.4# |

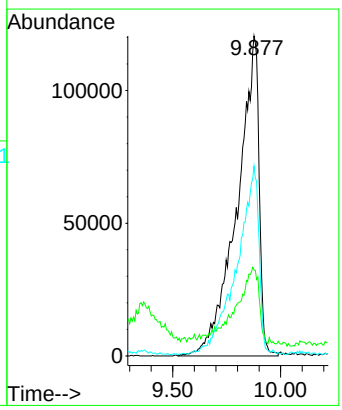


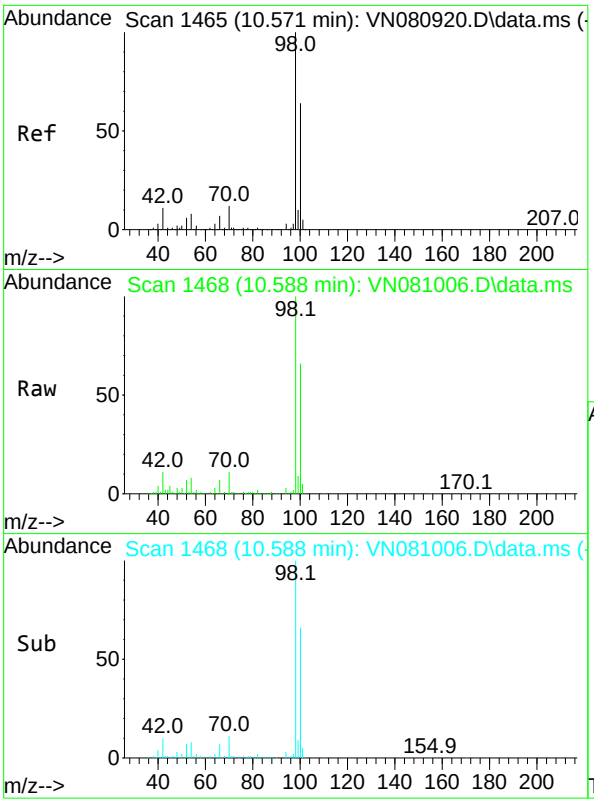




#49
1,4-Dioxane
Concen: 15892.381 ug/l
RT: 9.877 min Scan# 1347
Delta R.T. 0.182 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion: 88 Resp: 853455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 18.7 | 30.1 | 45.1# |
| 58 | 56.8 | 63.9 | 95.9# |



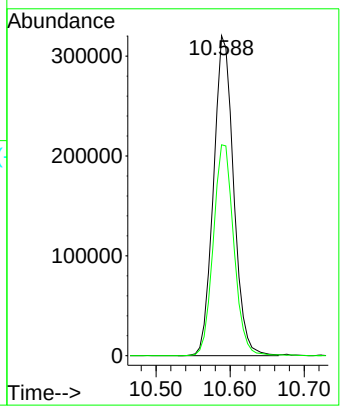


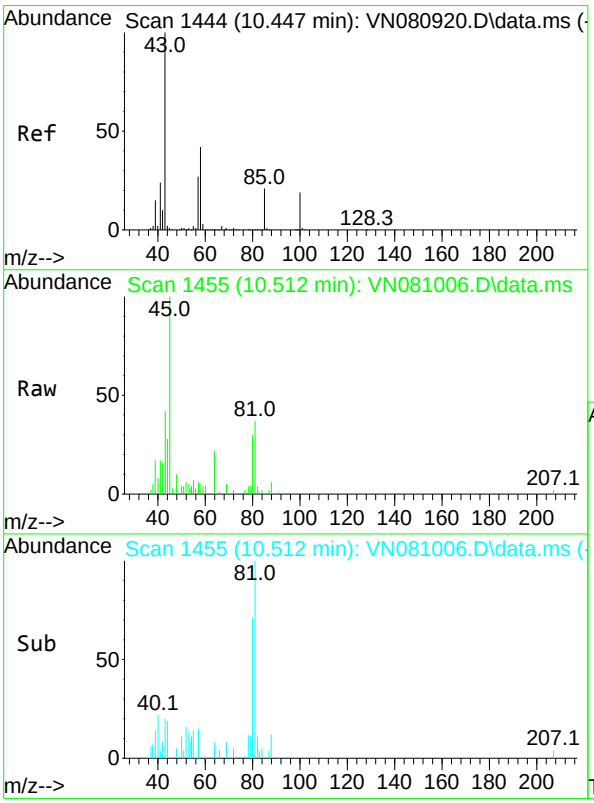

#50
Toluene-d8
Concen: 66.979 ug/l
RT: 10.588 min Scan# 14
Delta R.T. 0.018 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

**Instrument :**
MSVOA_N
**ClientSampleId :**
IBLK

Tgt Ion: 98 Resp: 604192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 67.4 | 51.4 | 77.0 |

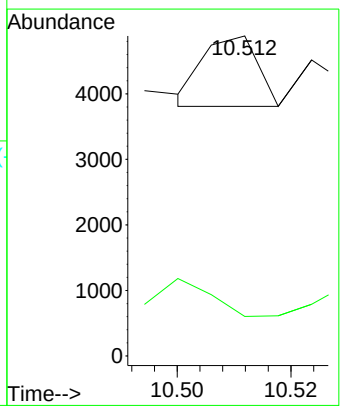


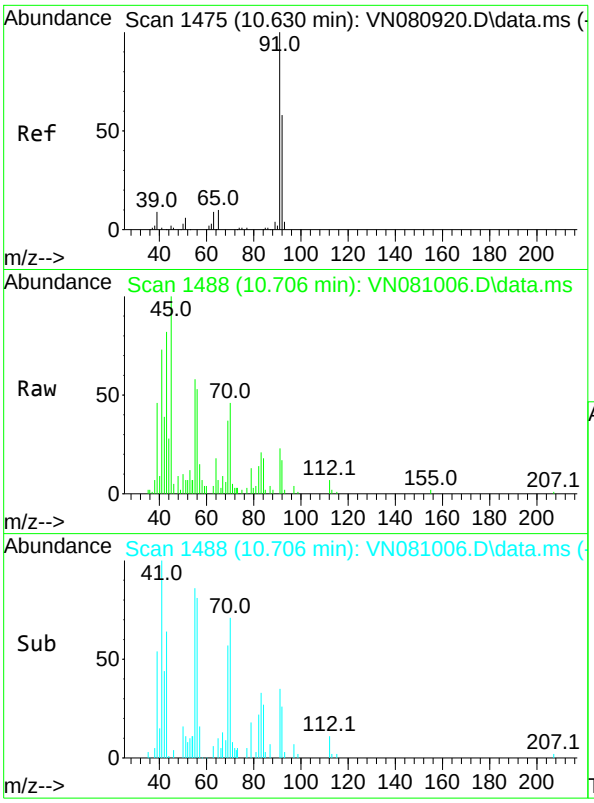




#51
4-Methyl-2-Pentanone
Concen: 0.228 ug/l
RT: 10.512 min Scan# 1455
Delta R.T. 0.065 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion: 43 Resp: 709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 164.0 | 29.4 | 44.0# |



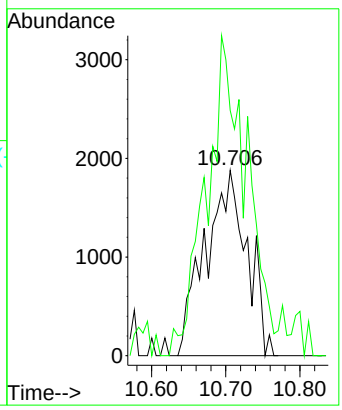


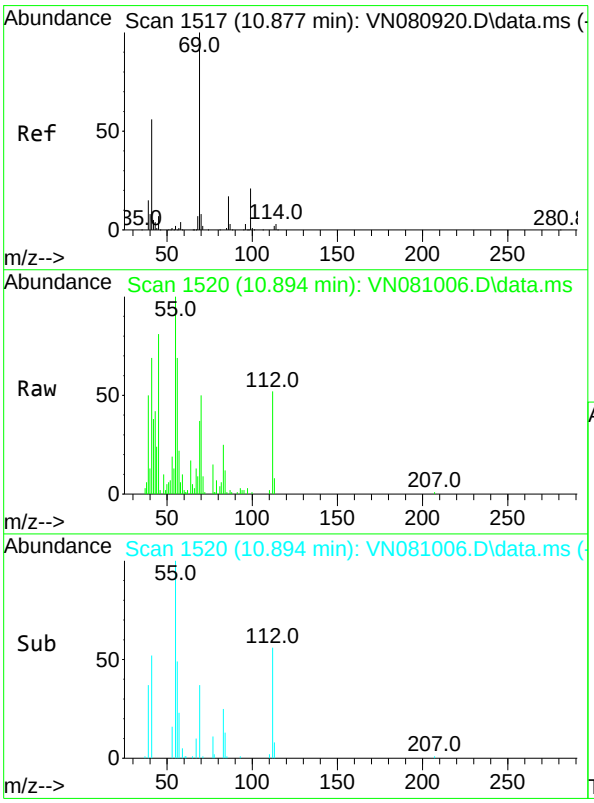

#52
Toluene
Concen: 0.970 ug/l
RT: 10.706 min Scan# 14
Delta R.T. 0.076 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

**Instrument :**
MSVOA_N
**ClientSampleId :**
IBLK

Tgt Ion: 92 Resp: 7337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 168.6 | 139.4 | 209.0 |

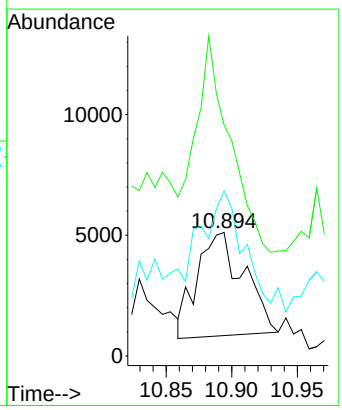


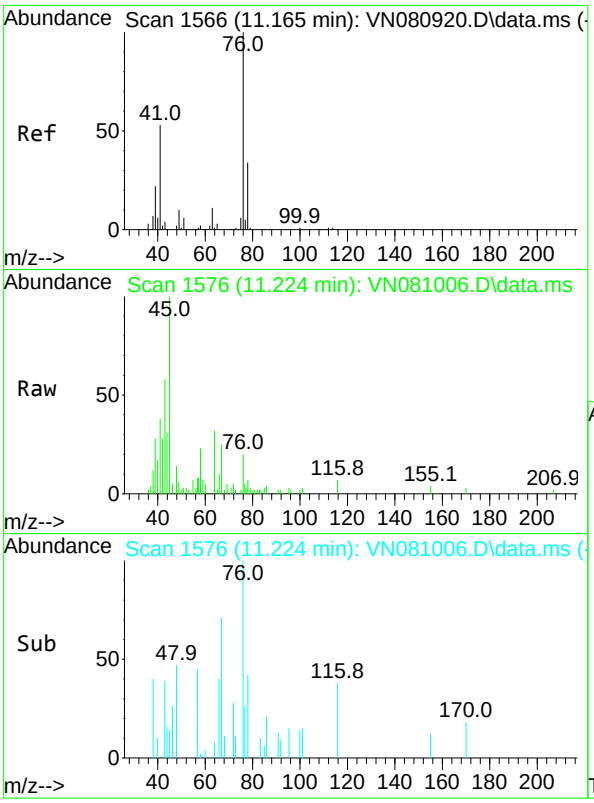




#56
Ethyl methacrylate
Concen: 3.050 ug/l
RT: 10.894 min Scan# 1520
Delta R.T. 0.017 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion: 69 Resp: 10668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 251.0 | 61.0 | 91.6# |
| 39 | 107.0 | 31.8 | 47.6# |



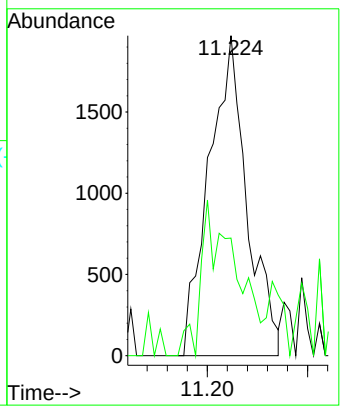


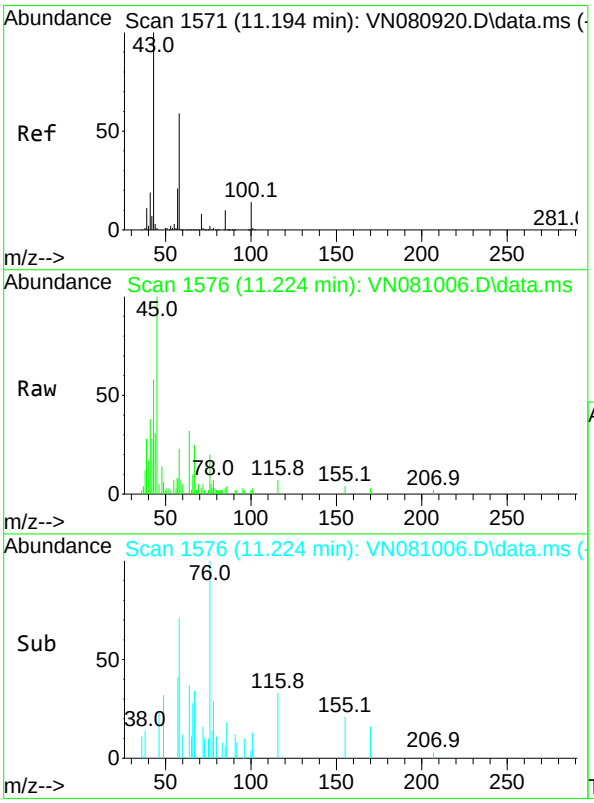

#57
1,3-Dichloropropane
Concen: 1.095 ug/l
RT: 11.224 min Scan# 1
Delta R.T. 0.059 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

**Instrument :**
MSVOA_N
**ClientSampleId :**
IBLK

Tgt Ion: 76 Resp: 5195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 0.0 | 25.5 | 38.3# |

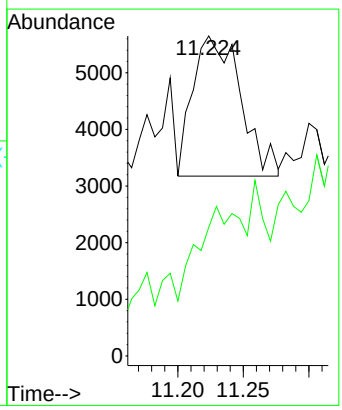


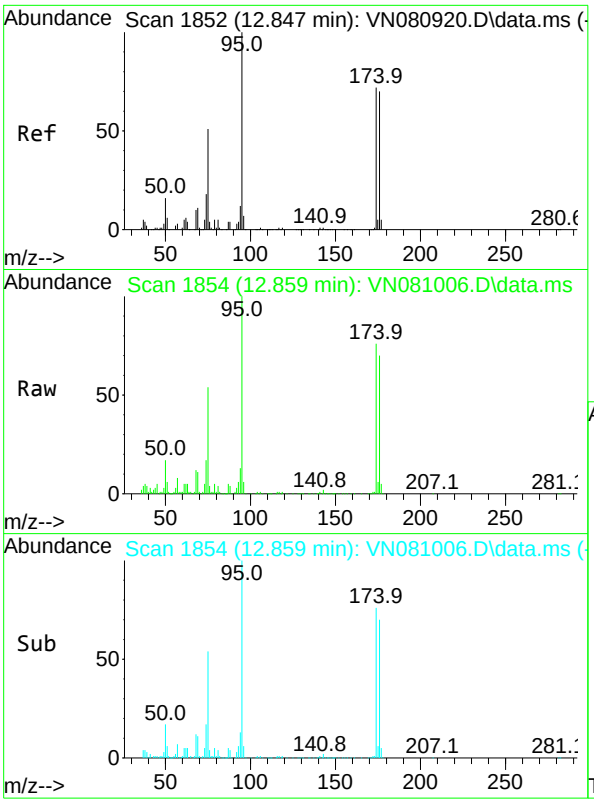




#59
2-Hexanone
Concen: 2.668 ug/l
RT: 11.224 min Scan# 1576
Delta R.T. 0.029 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion: 43 Resp: 6290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 65.1 | 25.9 | 77.8 |



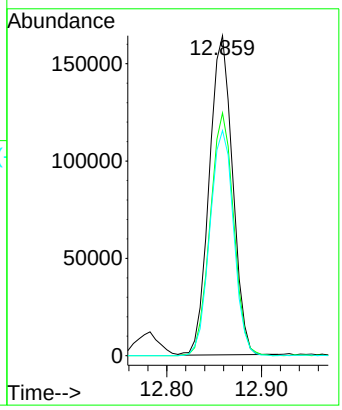


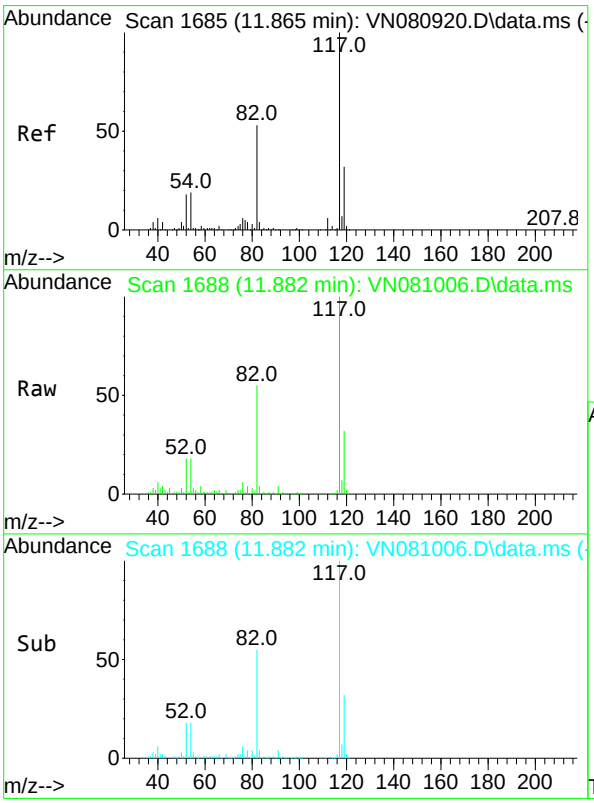

#62
4-Bromofluorobenzene
Concen: 85.590 ug/l
RT: 12.859 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

**Instrument :**
MSVOA_N
**ClientSampleId :**
IBLK

Tgt Ion: 95 Resp: 280475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 76.6 | 0.0 | 120.4 |
| 176 | 71.8 | 0.0 | 121.0 |

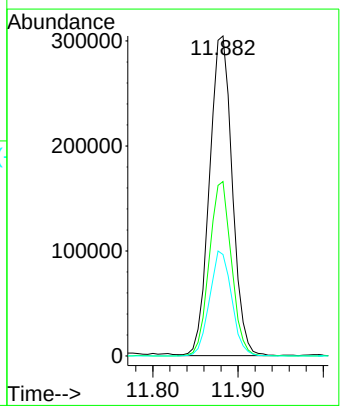


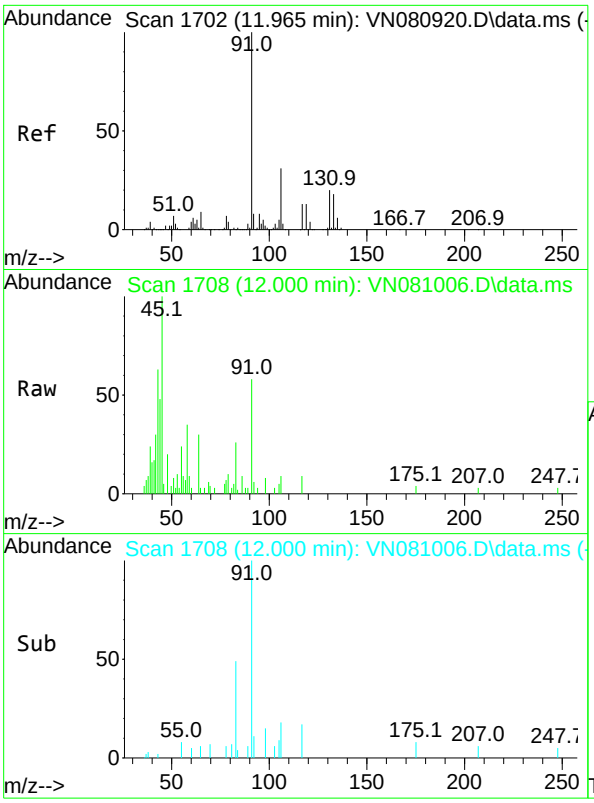




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.882 min Scan# 1688
Delta R.T. 0.018 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion:117 Resp: 565344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 54.5 | 52.7 | 79.1 |
| 119 | 31.7 | 25.3 | 37.9 |



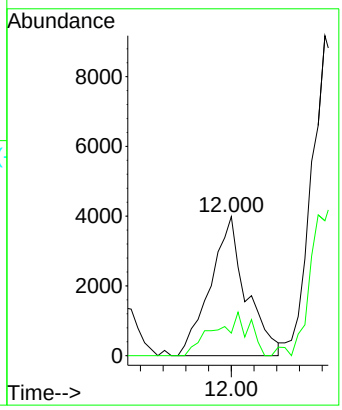


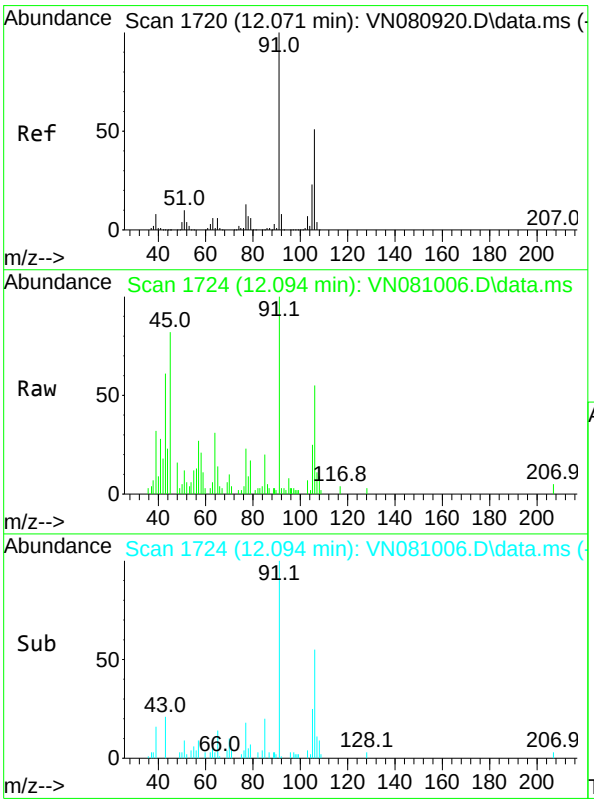

#67
Ethyl Benzene
Concen: 0.427 ug/l
RT: 12.000 min Scan# 1
Delta R.T. 0.035 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

**Instrument :**
MSVOA_N
**ClientSampleId :**
IBLK

Tgt Ion: 91 Resp: 8723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 16.3 | 23.8 | 35.6# |

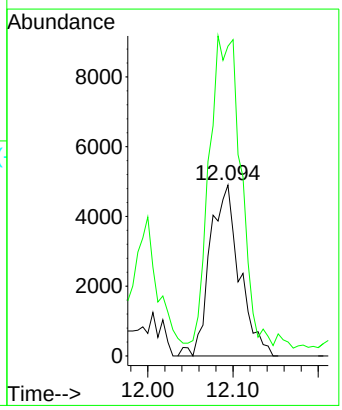


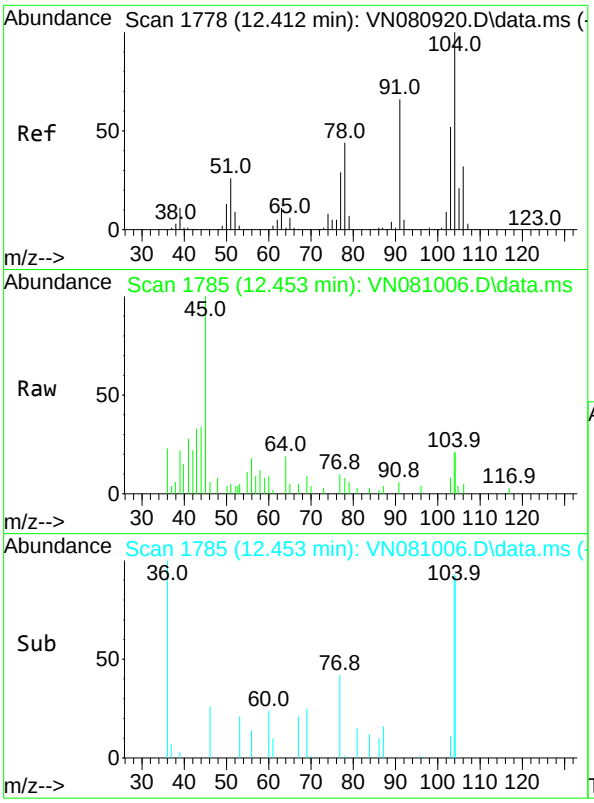




#68
m/p-Xylenes
Concen: 1.520 ug/l
RT: 12.094 min Scan# 1724
Delta R.T. 0.024 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion:106 Resp: 11788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 194.2 | 169.0 | 253.6 |



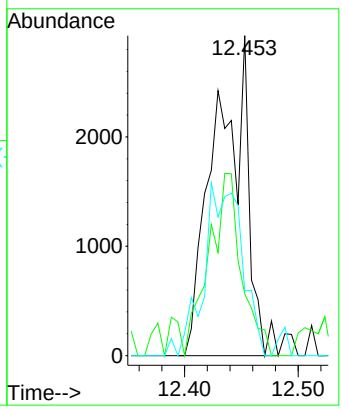


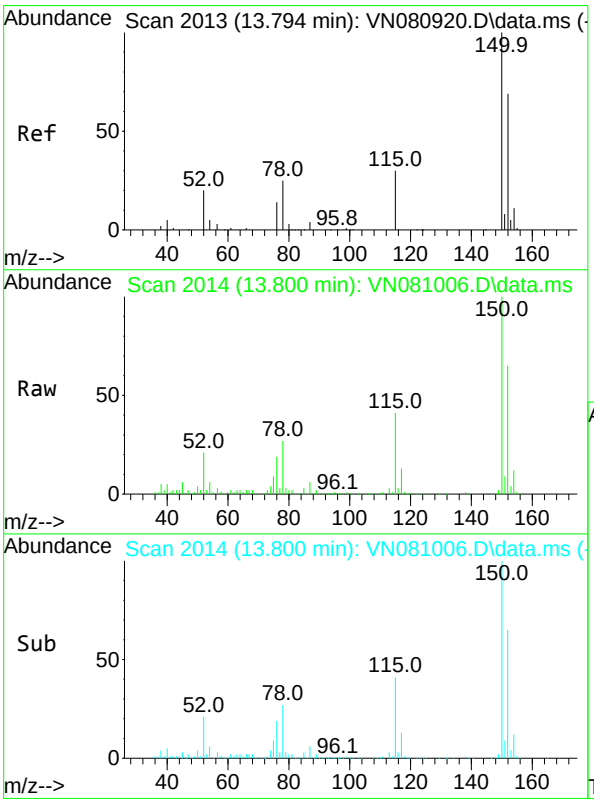

#70
Styrene
Concen: 0.528 ug/l
RT: 12.453 min Scan# 1
Delta R.T. 0.041 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

**Instrument :**
MSVOA_N
**ClientSampleId :**
IBLK

Tgt Ion:104 Resp: 5959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 0.0 | 43.8 | 65.8# |
| 103 | 0.0 | 44.2 | 66.2# |

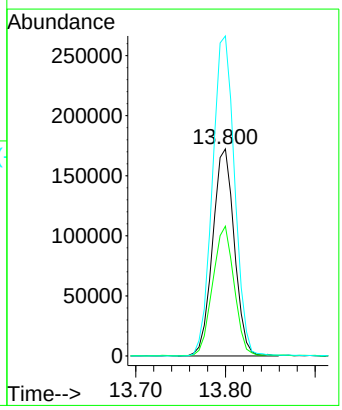


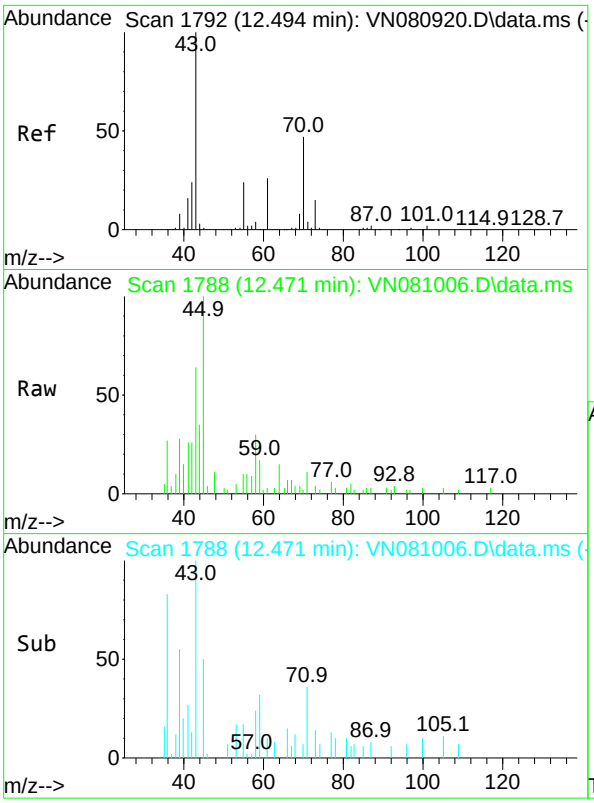




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion:152 Resp: 289310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 61.7 | 32.3 | 96.8 |
| 150 | 158.1 | 0.0 | 339.8 |



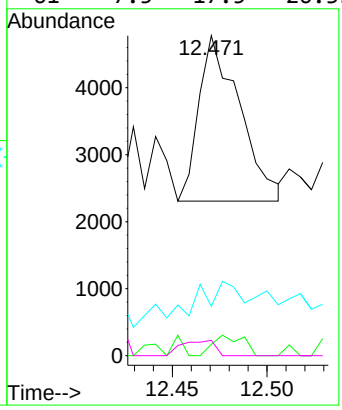


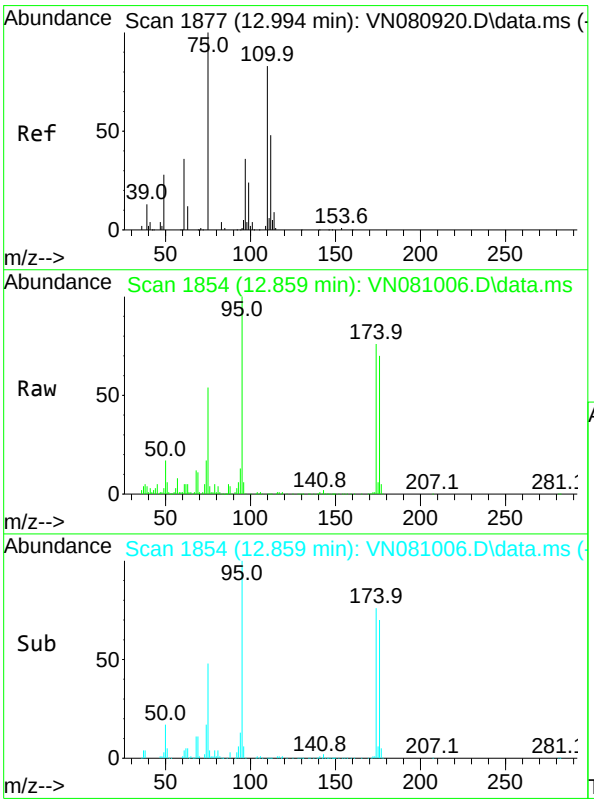

#74
N-amyl acetate
Concen: 0.456 ug/l
RT: 12.471 min Scan# 1
Delta R.T. -0.024 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

**Instrument :**
MSVOA_N
**ClientSampleId :**
IBLK

Tgt Ion: 43 Resp: 3699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 9.2 | 30.1 | 45.1# |
| 55 | 0.0 | 17.0 | 25.4# |
| 61 | 7.5 | 17.5 | 26.3# |

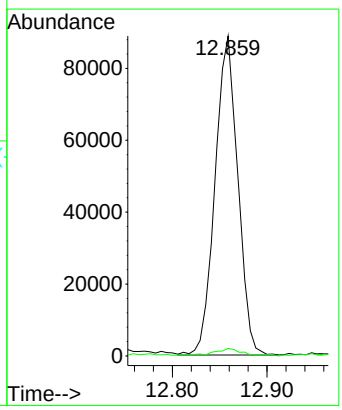


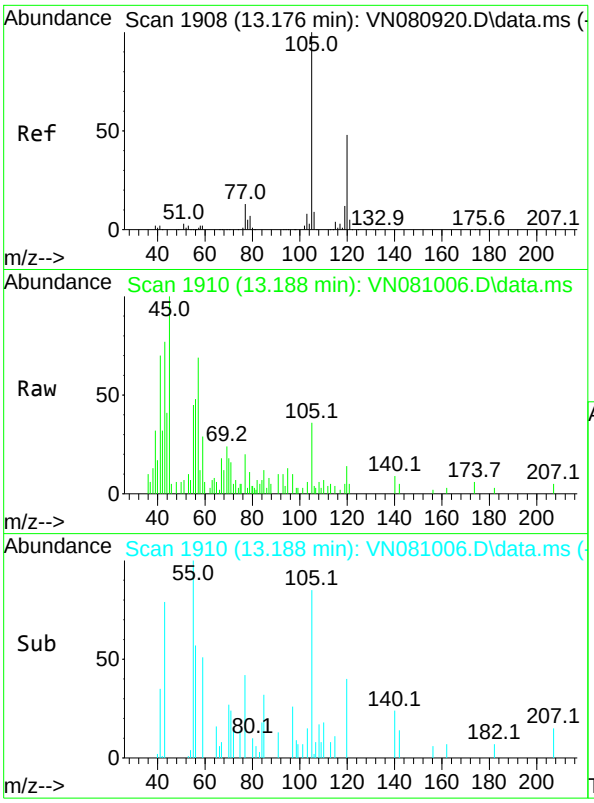




#76
1,2,3-Trichloropropane
Concen: 25.198 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.135 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion: 75 Resp: 148641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 2.0 | 91.0 | 272.8# |



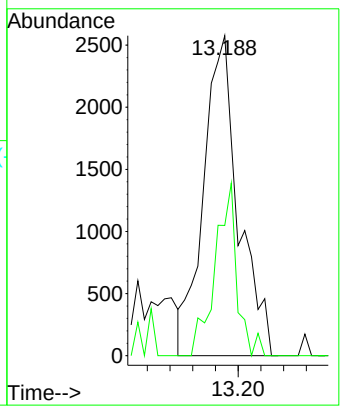


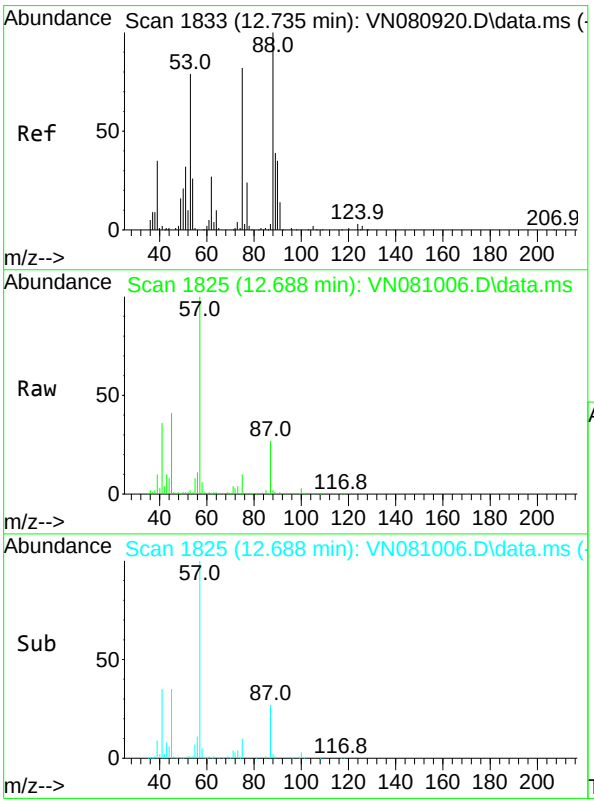

#80
1,3,5-Trimethylbenzene
Concen: 0.301 ug/l
RT: 13.188 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

**Instrument :**
MSVOA_N
**ClientSampleId :**
IBLK

Tgt Ion:105 Resp: 5507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 33.6 | 23.0 | 69.0 |

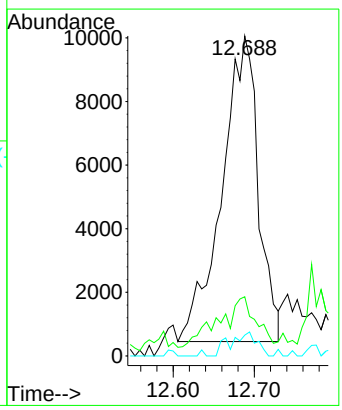


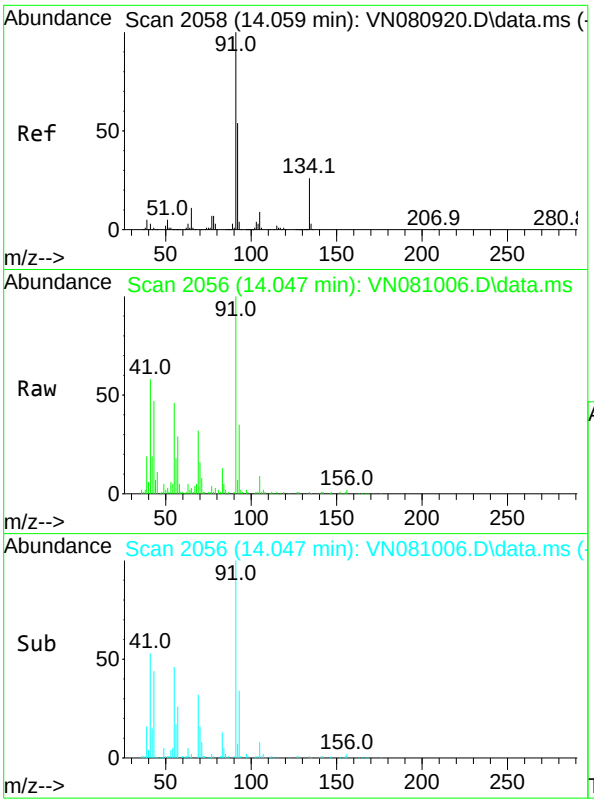




#81
trans-1,4-Dichloro-2-butene
Concen: 13.801 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. -0.047 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion: 75 Resp: 29965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 23.2 | 71.4 | 107.2# |
| 89 | 4.2 | 33.4 | 50.0# |



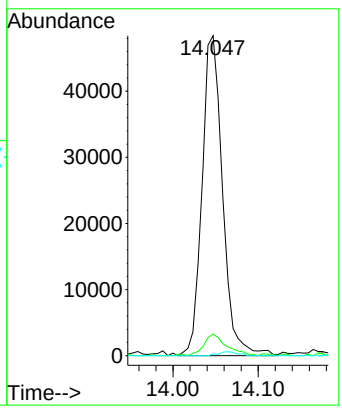


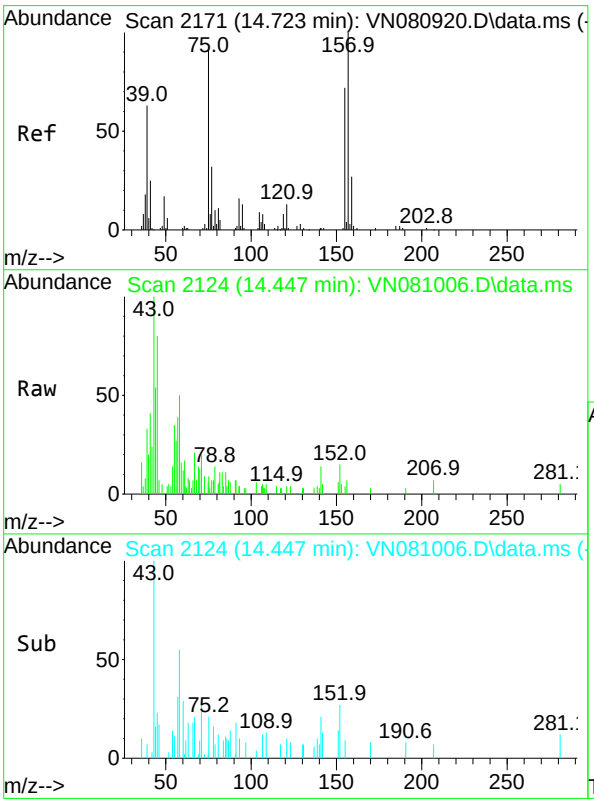

#89
n-Butylbenzene
Concen: 5.185 ug/l
RT: 14.047 min Scan# 2
Delta R.T. -0.012 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

**Instrument :**
MSVOA_N
**ClientSampleId :**
IBLK

Tgt Ion: 91 Resp: 81081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 7.6 | 26.7 | 80.1# |
| 134 | 1.2 | 10.8 | 32.4# |




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.283 ug/l
RT: 14.447 min Scan# 2124
Delta R.T. -0.276 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion: 75 Resp: 370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 94.6 | 31.8 | 95.4 |
| 157 | 63.2 | 41.1 | 123.4 |