Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110123\
Data File : VN079778.D
Acq On : 01 Nov 2023 17:55
Operator : JC\MD
Sample : 04699-07 0.2PPB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Quant Time: Nov 02 06:46:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 06:45:31 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 8.230 | 168 | 275229 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 9.106 | 114 | 501972 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.871 | 117 | 433875 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152 | 166777 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.582 | 65 | 235813 | 56.237 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 74 - 125 | | Recovery = 112.480% | | | |
| 35) Dibromofluoromethane | 8.171 | 113 | 185720 | 52.275 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 104.540% | | | |
| 50) Toluene-d8 | 10.571 | 98 | 638656 | 48.831 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 86 - 113 | | Recovery = 97.660% | | | |
| 62) 4-Bromofluorobenzene | 12.853 | 95 | 193163 | 44.532 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 89.060% | | | |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 2.130 | 85 | 784 | 0.236 | ug/l # | 43 |
| 3) Chloromethane | 2.359 | 50 | 3502 | 0.760 | ug/l # | 70 |
| 4) Vinyl Chloride | 2.512 | 62 | 1086 | 0.250 | ug/l # | 1 |
| 5) Bromomethane | 2.953 | 94 | 1413 | 0.536 | ug/l | 83 |
| 6) Chloroethane | 3.118 | 64 | 883 | 0.258 | ug/l # | 43 |
| 7) Trichlorofluoromethane | 3.489 | 101 | 1430 | 0.265 | ug/l # | 76 |
| 8) Diethyl Ether | 3.959 | 74 | 215 | 0.105 | ug/l | 58 |
| 9) 1,1,2-Trichlorotrifluo... | 4.371 | 101 | 264 | 0.084 | ug/l # | 36 |
| 10) Methyl Iodide | 4.612 | 142 | 704 | 0.197 | ug/l # | 38 |
| 11) Tert butyl alcohol | 5.500 | 59 | 318 | 0.594 | ug/l # | 72 |
| 12) 1,1-Dichloroethene | 4.342 | 96 | 363 | 0.123 | ug/l | 90 |
| 13) Acrolein | 4.177 | 56 | 119 | 0.272 | ug/l # | 16 |
| 14) Allyl chloride | 5.036 | 41 | 622 | 0.137 | ug/l # | 68 |
| 15) Acrylonitrile | 5.724 | 53 | 1774 | 1.063 | ug/l # | 53 |
| 16) Acetone | 4.442 | 43 | 2410 | 1.636 | ug/l # | 87 |
| 17) Carbon Disulfide | 4.718 | 76 | 2233 | 0.261 | ug/l # | 75 |
| 18) Methyl Acetate | 5.030 | 43 | 2961 | 0.420 | ug/l # | 61 |
| 19) Methyl tert-butyl Ether | 5.789 | 73 | 1348 | 0.132 | ug/l # | 68 |
| 20) Methylene Chloride | 5.283 | 84 | 1497 | 0.403 | ug/l | 86 |
| 21) trans-1,2-Dichloroethene | 5.783 | 96 | 337 | 0.102 | ug/l # | 69 |
| 22) Diisopropyl ether | 6.659 | 45 | 847 | 0.081 | ug/l # | 85 |
| 23) Vinyl Acetate | 6.606 | 43 | 5855 | 1.009 | ug/l # | 83 |
| 24) 1,1-Dichloroethane | 6.571 | 63 | 1605 | 0.251 | ug/l # | 81 |
| 25) 2-Butanone | 7.488 | 43 | 832 | 0.386 | ug/l | 99 |
| 26) 2,2-Dichloropropane | 7.488 | 77 | 1226 | 0.232 | ug/l # | 53 |
| 27) cis-1,2-Dichloroethene | 7.488 | 96 | 684 | 0.173 | ug/l | 64 |
| 28) Bromochloromethane | 7.812 | 49 | 797 | 0.256 | ug/l # | 26 |
| 29) Tetrahydrofuran | 7.853 | 42 | 1282 | 0.914 | ug/l # | 65 |
| 30) Chloroform | 7.953 | 83 | 2775 | 0.400 | ug/l # | 69 |
| 31) Cyclohexane | 8.224 | 56 | 8618 | 1.555 | ug/l # | 51 |
| 32) 1,1,1-Trichloroethane | 8.147 | 97 | 585 | 0.103 | ug/l # | 24 |
| 36) 1,1-Dichloropropene | 8.371 | 75 | 1182 | 0.233 | ug/l # | 44 |
| 37) Ethyl Acetate | 7.583 | 43 | 989 | 0.213 | ug/l # | 63 |
| 38) Carbon Tetrachloride | 8.383 | 117 | 1105 | 0.216 | ug/l # | 43 |
| 39) Methylcyclohexane | 9.600 | 83 | 1060 | 0.222 | ug/l # | 81 |
| 40) Benzene | 8.618 | 78 | 3200 | 0.211 | ug/l | 91 |

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Quant Time: Nov 02 06:46:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 06:45:31 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Methacrylonitrile | 7.777 | 41 | 450 | 0.182 | ug/l | # | 46 |
| 42) 1,2-Dichloroethane | 8.671 | 62 | 1623 | 0.306 | ug/l | # | 73 |
| 43) Isopropyl Acetate | 8.700 | 43 | 1220 | 0.150 | ug/l | # | 53 |
| 44) Trichloroethene | 9.347 | 130 | 712 | 0.189 | ug/l | | 79 |
| 45) 1,2-Dichloropropane | 9.635 | 63 | 587 | 0.151 | ug/l | # | 45 |
| 46) Dibromomethane | 9.718 | 93 | 582 | 0.220 | ug/l | # | 75 |
| 47) Bromodichloromethane | 9.882 | 83 | 2012 | 0.356 | ug/l | # | 81 |
| 48) Methyl methacrylate | 9.677 | 41 | 141 | 0.039 | ug/l | # | 3 |
| 49) 1,4-Dioxane | 9.712 | 88 | 223 | 3.532 | ug/l | # | 30 |
| 51) 4-Methyl-2-Pentanone | 10.453 | 43 | 4173 | 0.908 | ug/l | | 87 |
| 52) Toluene | 10.629 | 92 | 2326 | 0.258 | ug/l | | 86 |
| 53) t-1,3-Dichloropropene | 10.841 | 75 | 1079 | 0.195 | ug/l | # | 88 |
| 54) cis-1,3-Dichloropropene | 10.312 | 75 | 1161 | 0.192 | ug/l | # | 73 |
| 55) 1,1,2-Trichloroethane | 11.024 | 97 | 892 | 0.246 | ug/l | # | 80 |
| 56) Ethyl methacrylate | 10.876 | 69 | 788 | 0.152 | ug/l | # | 83 |
| 57) 1,3-Dichloropropane | 11.153 | 76 | 1347 | 0.211 | ug/l | | 99 |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63 | 2625 | 1.002 | ug/l | # | 87 |
| 59) 2-Hexanone | 11.194 | 43 | 3093 | 0.880 | ug/l | | 86 |
| 60) Dibromochloromethane | 11.353 | 129 | 874 | 0.225 | ug/l | | 94 |
| 61) 1,2-Dibromoethane | 11.476 | 107 | 700 | 0.193 | ug/l | | 98 |
| 64) Tetrachloroethene | 11.112 | 164 | 800 | 0.285 | ug/l | # | 64 |
| 65) Chlorobenzene | 11.894 | 112 | 2106 | 0.224 | ug/l | | 99 |
| 66) 1,1,1,2-Tetrachloroethane | 11.971 | 131 | 949 | 0.280 | ug/l | # | 51 |
| 67) Ethyl Benzene | 11.965 | 91 | 2695 | 0.164 | ug/l | | 94 |
| 68) m/p-Xylenes | 12.070 | 106 | 1786 | 0.292 | ug/l | # | 66 |
| 69) o-Xylene | 12.406 | 106 | 966 | 0.164 | ug/l | | 99 |
| 70) Styrene | 12.418 | 104 | 1568 | 0.166 | ug/l | # | 84 |
| 71) Bromoform | 12.582 | 173 | 457 | 0.190 | ug/l | # | 28 |
| 73) Isopropylbenzene | 12.706 | 105 | 2013 | 0.159 | ug/l | | 98 |
| 74) N-amyl acetate | 12.500 | 43 | 1035 | 0.187 | ug/l | # | 73 |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83 | 1050 | 0.234 | ug/l | # | 90 |
| 76) 1,2,3-Trichloropropane | 12.853 | 75 | 107091 | 27.351 | ug/l | # | 1 |
| 77) Bromobenzene | 12.976 | 156 | 684 | 0.221 | ug/l | | 55 |
| 78) n-propylbenzene | 13.041 | 91 | 3114 | 0.215 | ug/l | | 89 |
| 79) 2-Chlorotoluene | 13.129 | 91 | 2015 | 0.218 | ug/l | | 98 |
| 80) 1,3,5-Trimethylbenzene | 13.170 | 105 | 1766 | 0.179 | ug/l | | 95 |
| 81) trans-1,4-Dichloro-2-b... | 12.853 | 75 | 107091 | 74.416 | ug/l | # | 15 |
| 82) 4-Chlorotoluene | 13.223 | 91 | 1625 | 0.177 | ug/l | | 90 |
| 83) tert-Butylbenzene | 13.447 | 119 | 1523 | 0.189 | ug/l | # | 79 |
| 84) 1,2,4-Trimethylbenzene | 13.482 | 105 | 1489 | 0.154 | ug/l | | 89 |
| 85) sec-Butylbenzene | 13.612 | 105 | 1687 | 0.151 | ug/l | | 98 |
| 86) p-Isopropyltoluene | 13.735 | 119 | 1459 | 0.160 | ug/l | # | 67 |
| 87) 1,3-Dichlorobenzene | 13.729 | 146 | 1074 | 0.186 | ug/l | | 92 |
| 88) 1,4-Dichlorobenzene | 13.729 | 146 | 1074 | 0.184 | ug/l | | 90 |
| 89) n-Butylbenzene | 14.065 | 91 | 1059 | 0.135 | ug/l | # | 85 |
| 90) Hexachloroethane | 14.335 | 117 | 320 | 0.177 | ug/l | # | 57 |
| 91) 1,2-Dichlorobenzene | 14.112 | 146 | 1302 | 0.239 | ug/l | | 86 |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75 | 65 | 0.085 | ug/l | # | 4 |
| 93) 1,2,4-Trichlorobenzene | 15.388 | 180 | 517 | 0.200 | ug/l | # | 19 |
| 94) Hexachlorobutadiene | 15.506 | 225 | 262 | 0.223 | ug/l | # | 39 |
| 95) Naphthalene | 15.641 | 128 | 2556 | 0.291 | ug/l | # | 85 |
| 96) 1,2,3-Trichlorobenzene | 15.847 | 180 | 550 | 0.217 | ug/l | # | 55 |

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ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Quant Time: Nov 02 06:46:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 06:45:31 2023
Response via : Initial Calibration

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

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

Quantitation Report (Not Reviewed)

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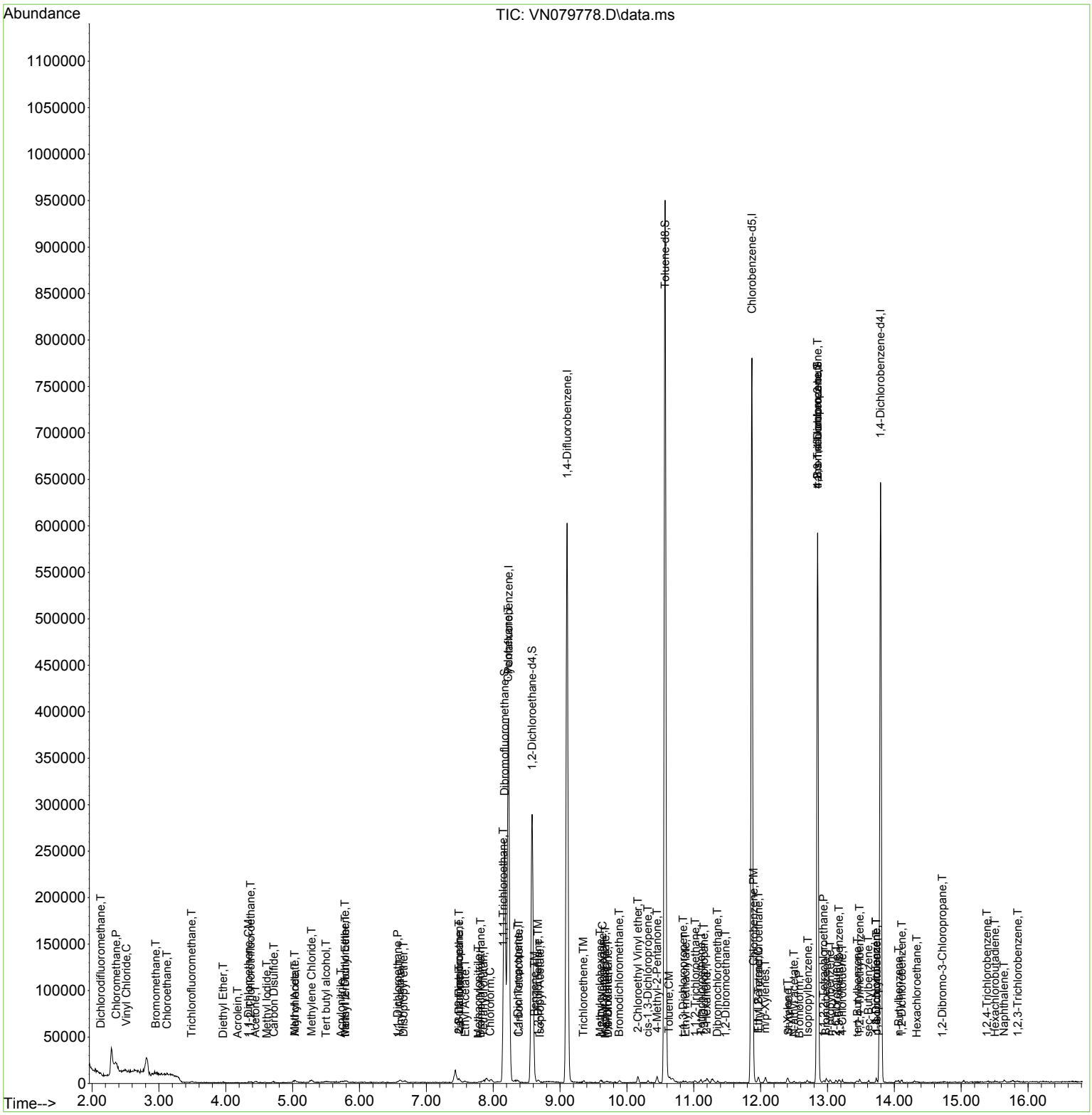
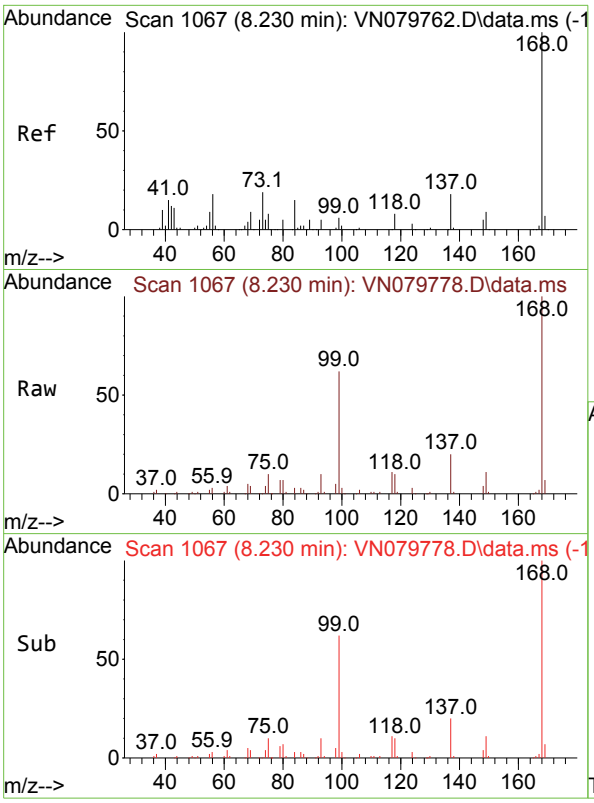
Quant Title : SW846 8260
QLast Update : Thu Nov 02 06:45:31 2023
Response via : Initial Calibration



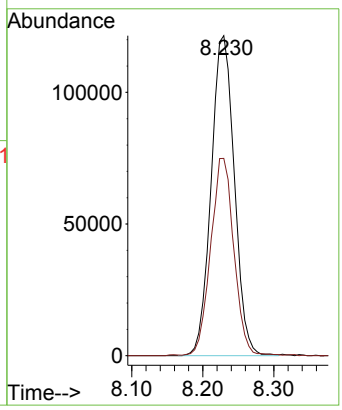


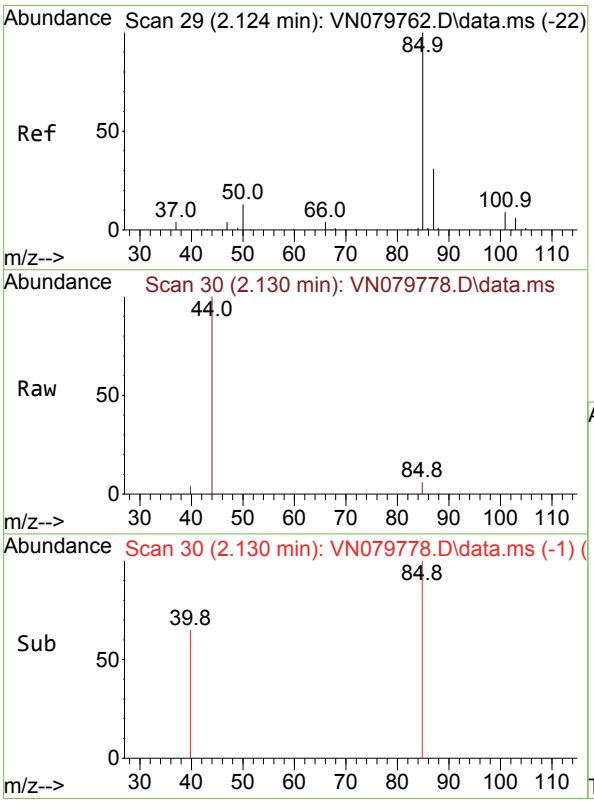

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:168 Resp: 275229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 61.5 | 53.0 | 79.6 |

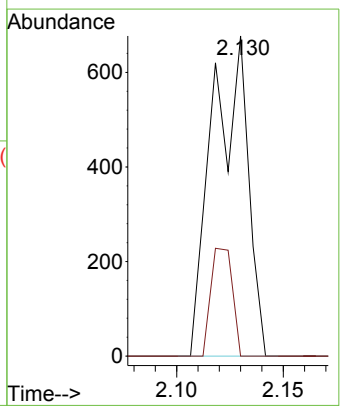


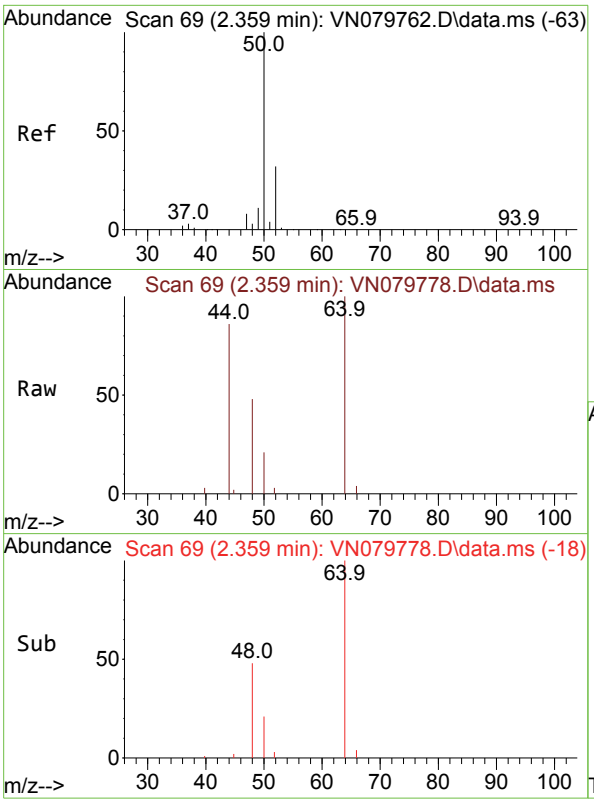




#2
Dichlorodifluoromethane
Concen: 0.236 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion: 85 Resp: 784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 0.0 | 15.8 | 47.4# |



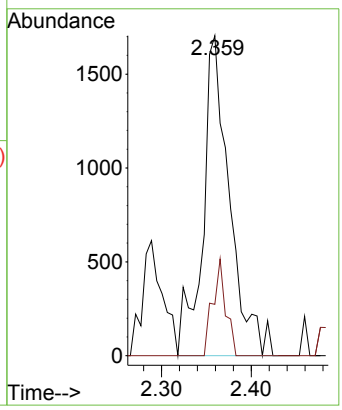


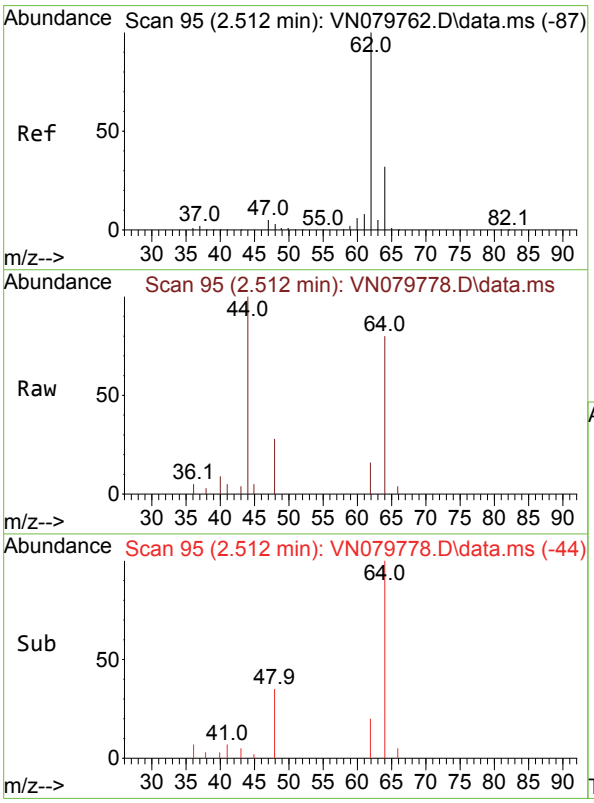

#3
Chloromethane
Concen: 0.760 ug/l
RT: 2.359 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 50 Resp: 3502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 16.1 | 26.5 | 39.7# |

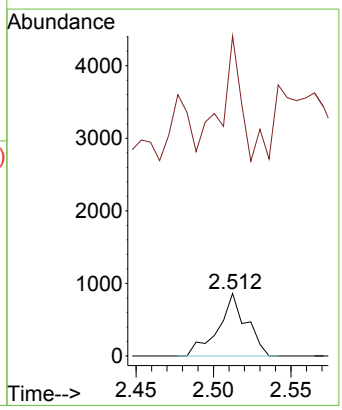


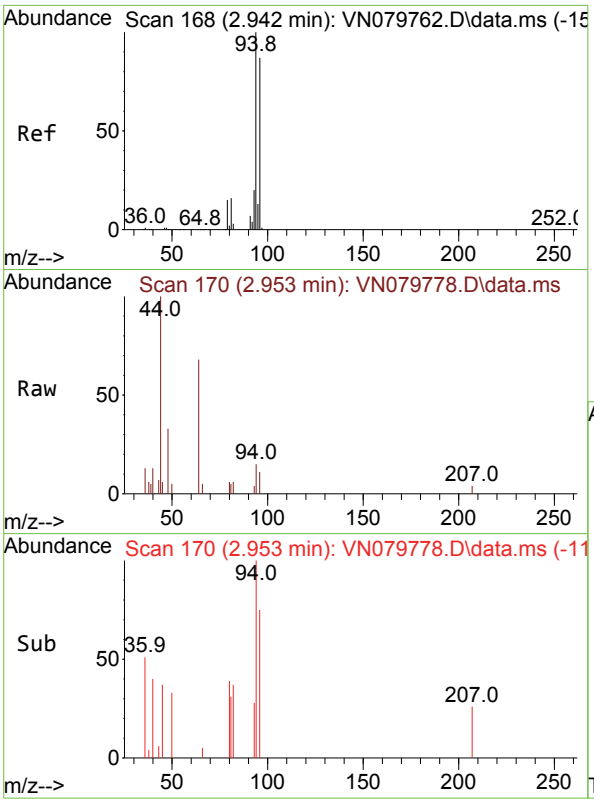




#4
Vinyl Chloride
Concen: 0.250 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion: 62 Resp: 1086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 93.9 | 26.2 | 39.2# |



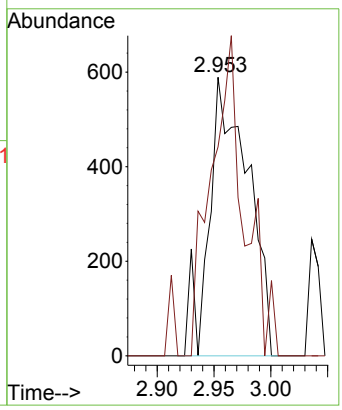


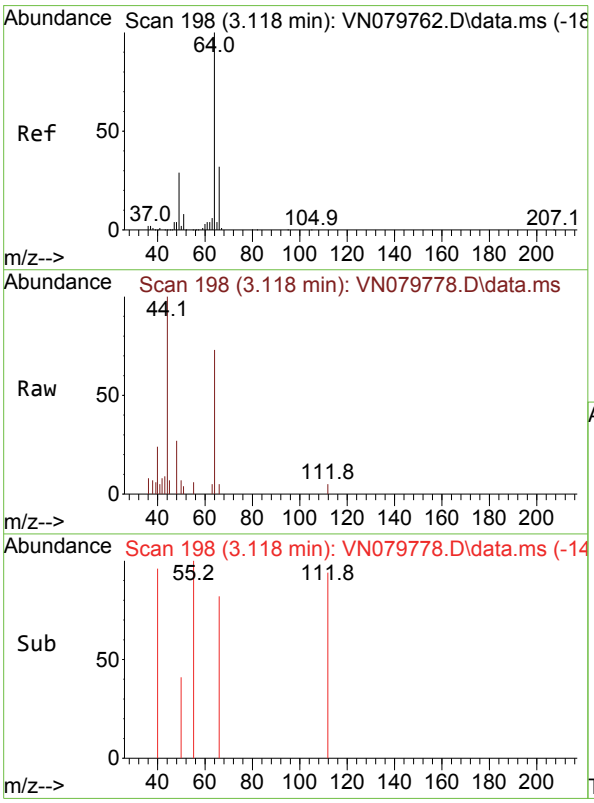

#5
Bromomethane
Concen: 0.536 ug/l
RT: 2.953 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 94 Resp: 1413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 75.0 | 73.1 | 109.7 |

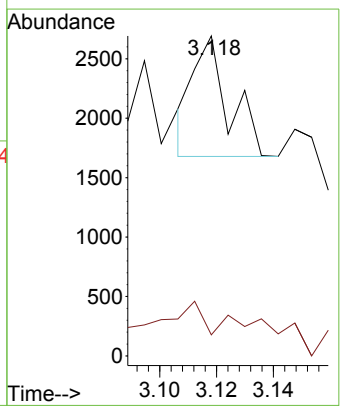


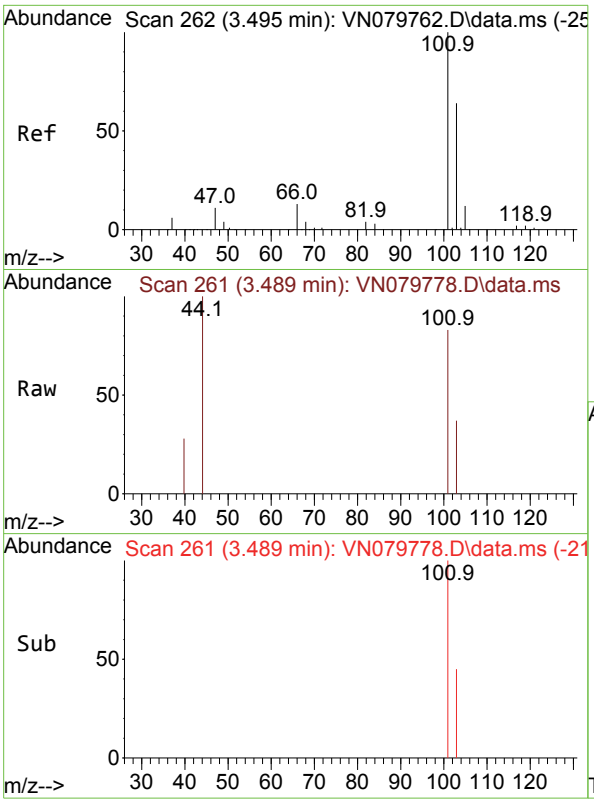




#6
Chloroethane
Concen: 0.258 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion: 64 Resp: 883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 0.0 | 25.4 | 38.2# |



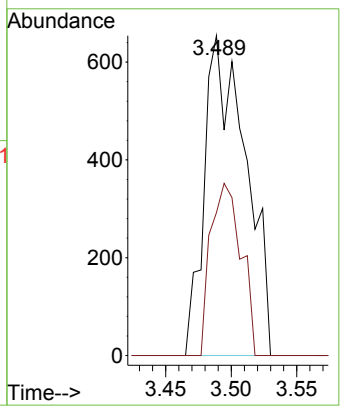


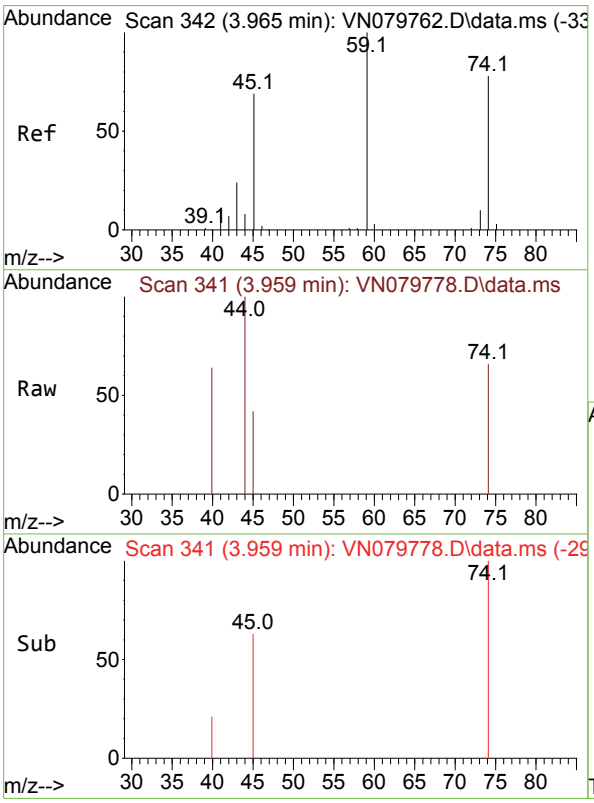

#7
Trichlorofluoromethane
Concen: 0.265 ug/l
RT: 3.489 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:101 Resp: 1430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 44.6 | 50.7 | 76.1# |

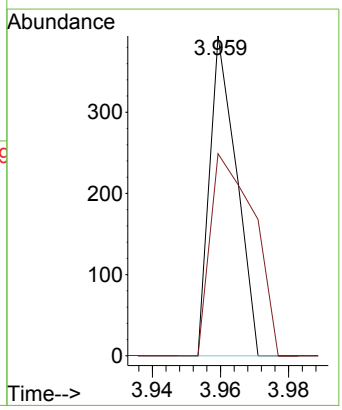


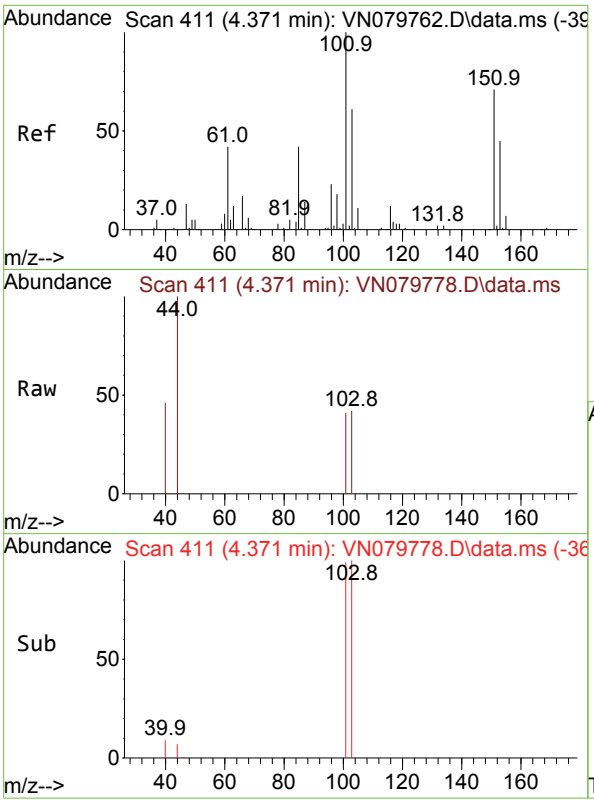




#8
Diethyl Ether
Concen: 0.105 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion: 74 Resp: 215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 103.3 | 34.4 | 103.3 |



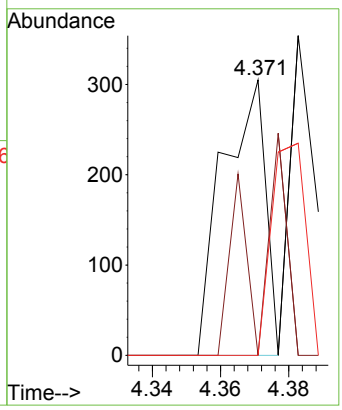


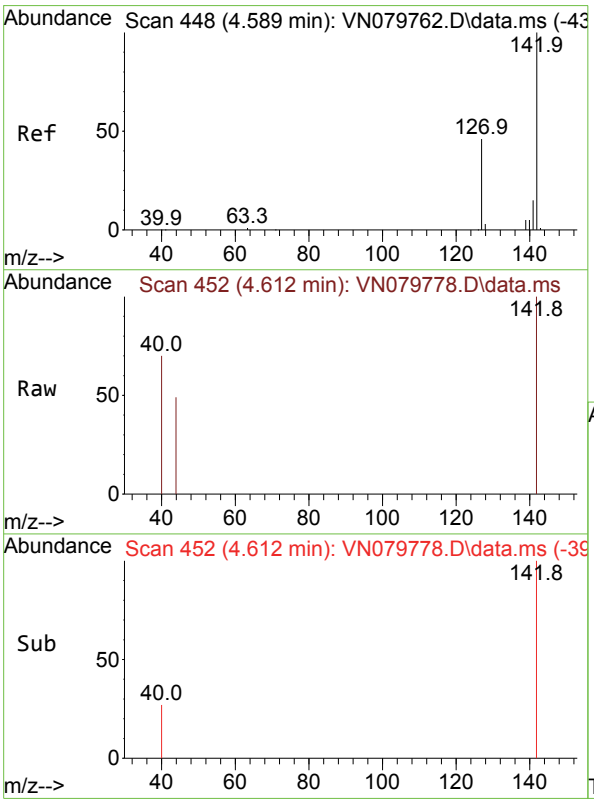

#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.084 ug/l
RT: 4.371 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:101 Resp: 264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 26.9 | 36.6 | 55.0# |
| 151 | 0.0 | 57.6 | 86.4# |

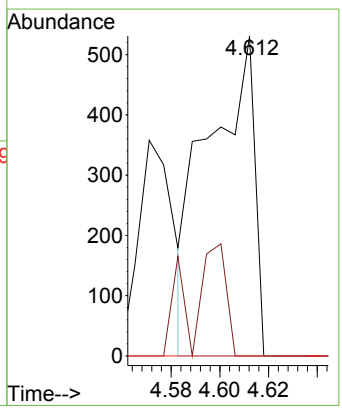


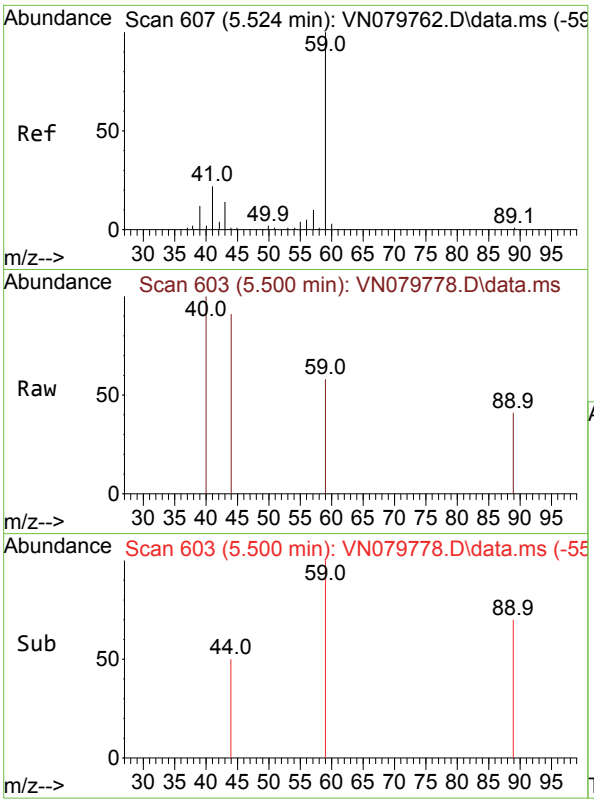




#10
Methyl Iodide
Concen: 0.197 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.018 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion:142 Resp: 704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 0.0 | 37.6 | 56.4# |
| 141 | 0.0 | 11.4 | 17.0# |



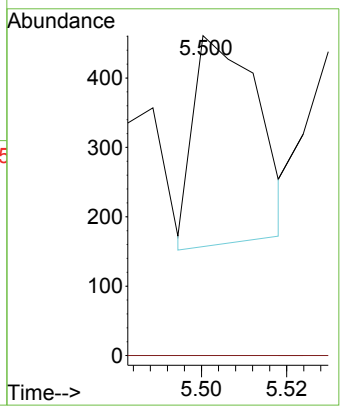


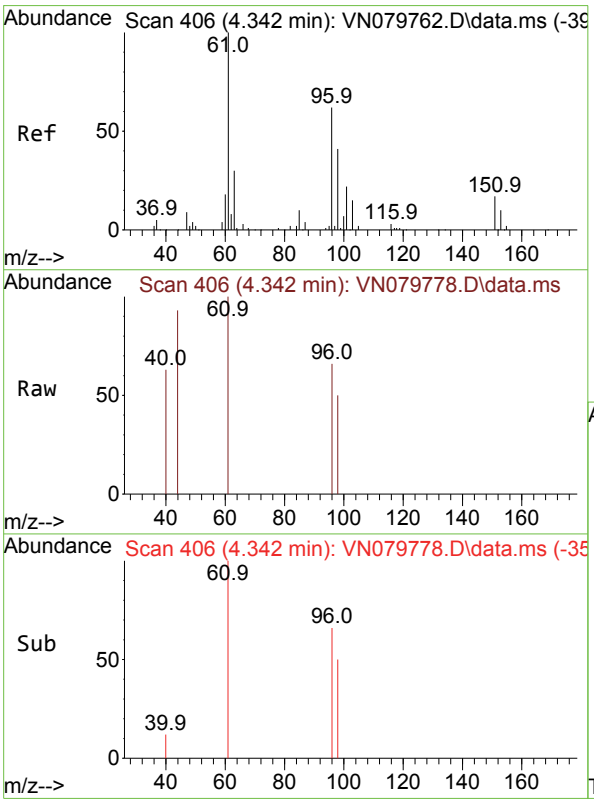

#11
Tert butyl alcohol
Concen: 0.594 ug/l
RT: 5.500 min Scan# 6
Delta R.T. -0.018 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 59 Resp: 318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 0.0 | 8.2 | 12.4# |

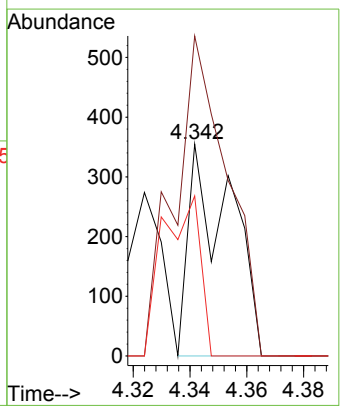


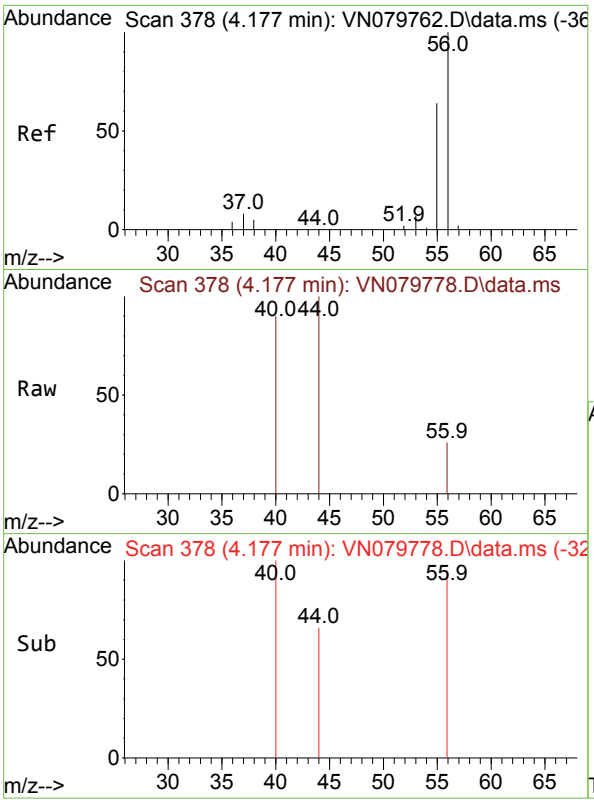




#12
1,1-Dichloroethene
Concen: 0.123 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion: 96 Resp: 363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 151.0 | 112.7 | 169.1 |
| 98 | 75.5 | 51.2 | 76.8 |



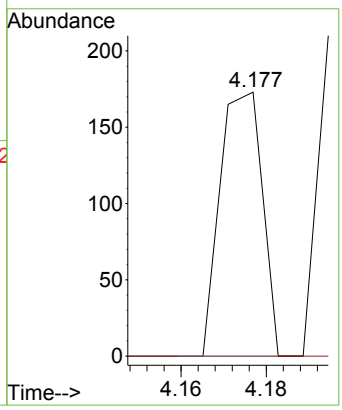


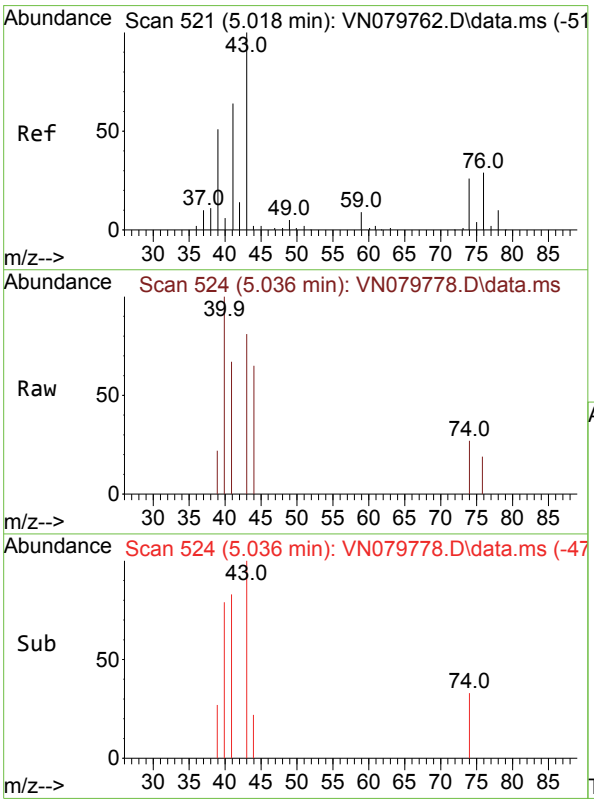

#13
Acrolein
Concen: 0.272 ug/l
RT: 4.177 min Scan# 3
Delta R.T. -0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 56 Resp: 119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 0.0 | 54.5 | 81.7# |

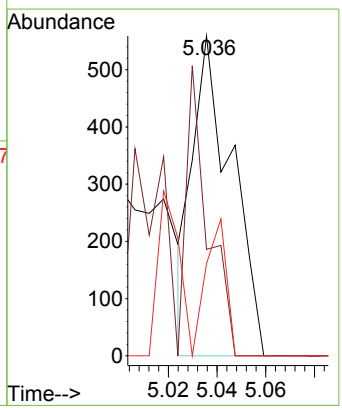


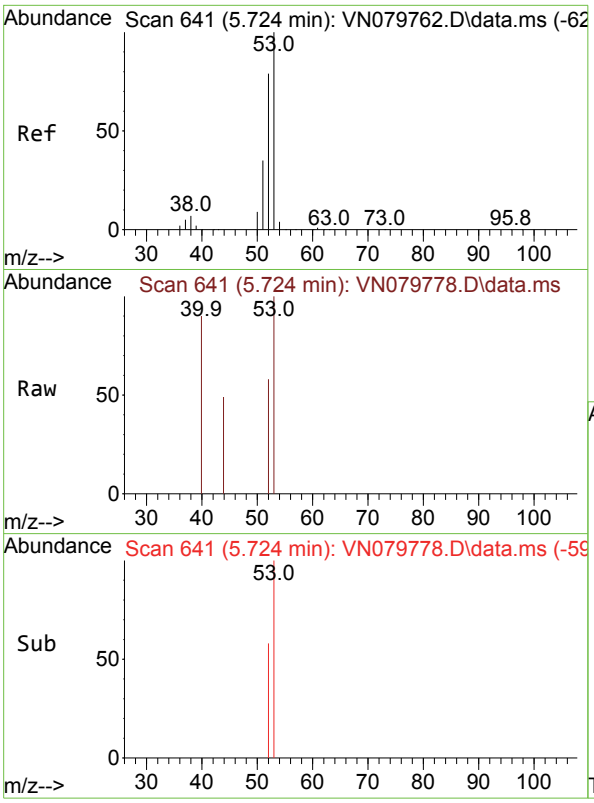




#14
Allyl chloride
Concen: 0.137 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion: 41 Resp: 622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 50.3 | 58.8 | 88.2# |
| 76 | 22.7 | 39.1 | 58.7# |



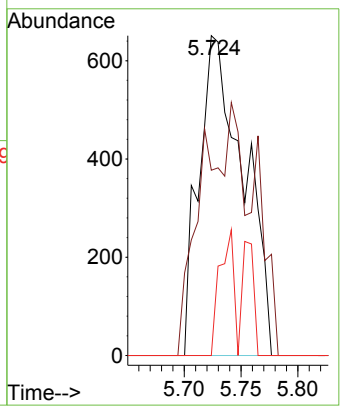


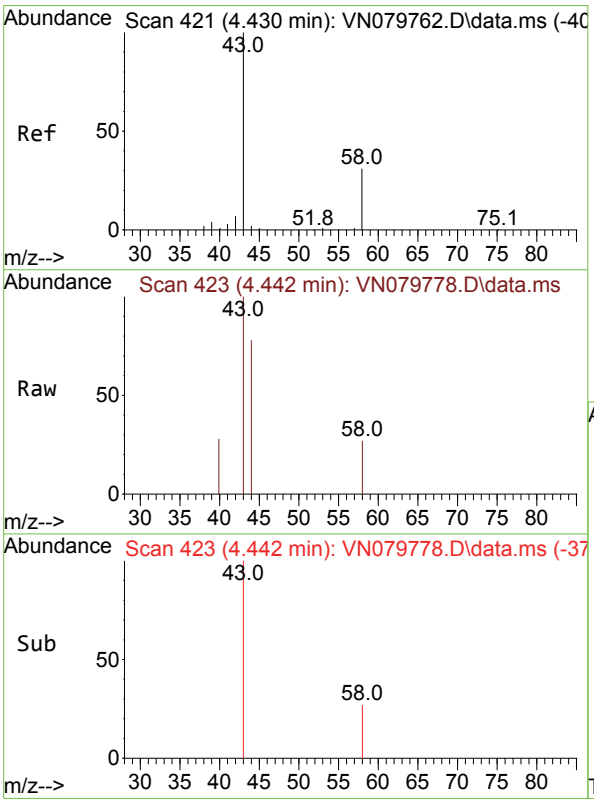

#15
Acrylonitrile
Concen: 1.063 ug/l
RT: 5.724 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 53 Resp: 1774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 45.0 | 65.3 | 97.9# |
| 51 | 0.0 | 28.9 | 43.3# |

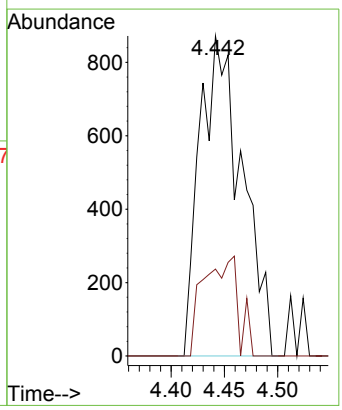


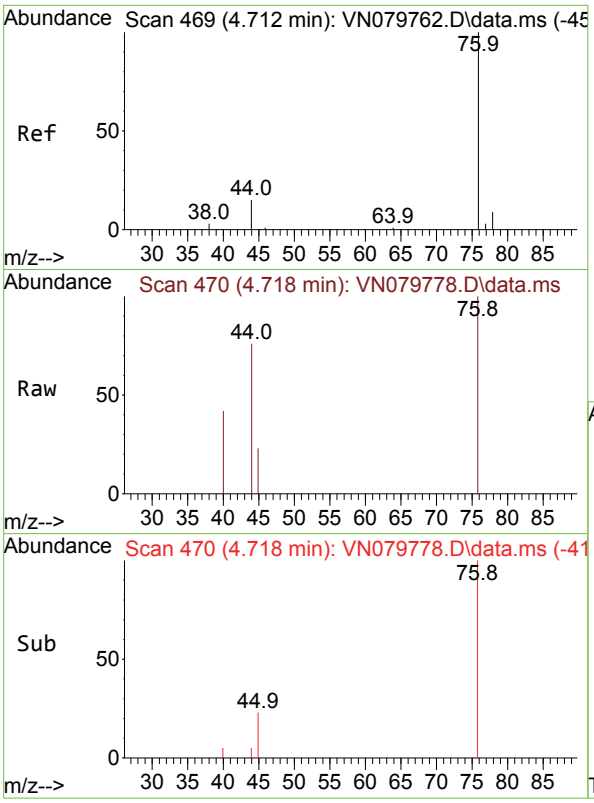




#16
Acetone
Concen: 1.636 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion: 43 Resp: 2410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 27.2 | 28.0 | 42.0# |



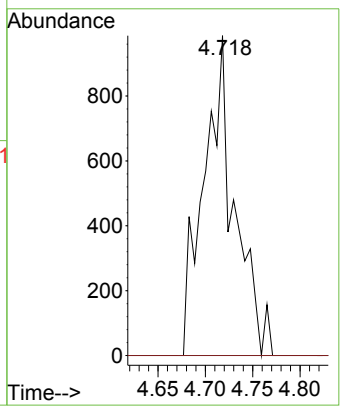


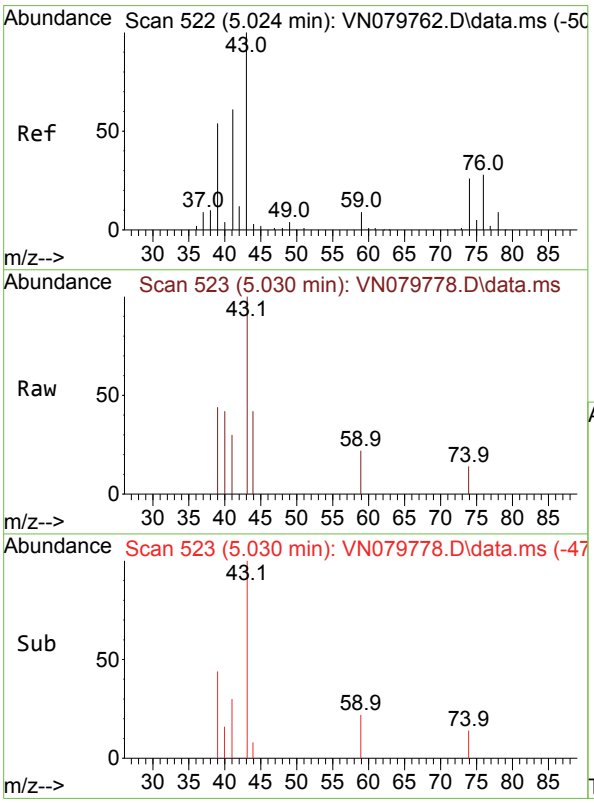

#17
Carbon Disulfide
Concen: 0.261 ug/l
RT: 4.718 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 76 Resp: 2233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 0.0 | 7.4 | 11.0# |

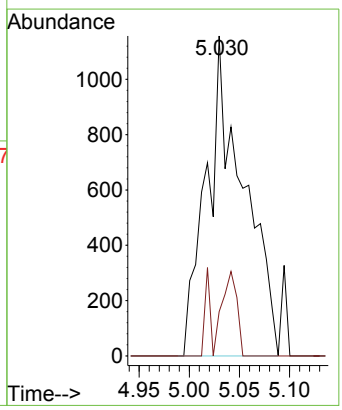


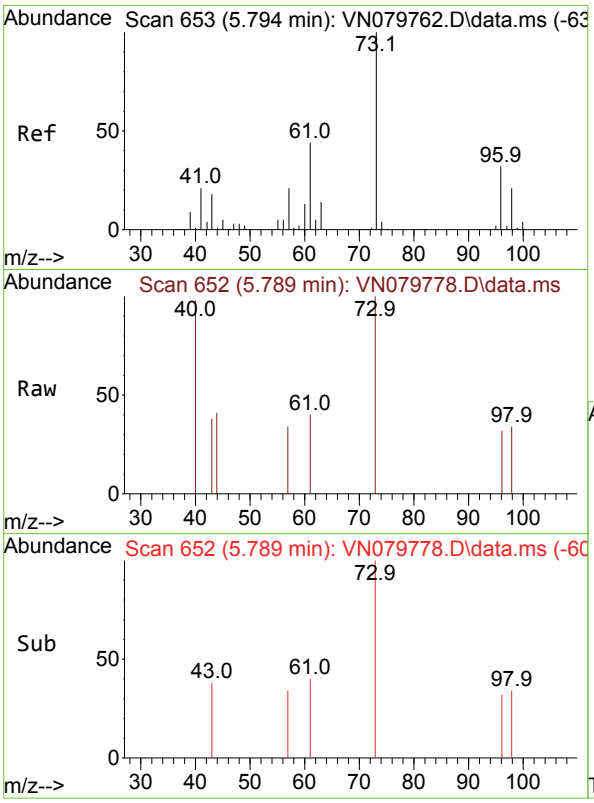




#18
Methyl Acetate
Concen: 0.420 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion: 43 Resp: 2961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 10.7 | 26.2 | 39.4# |



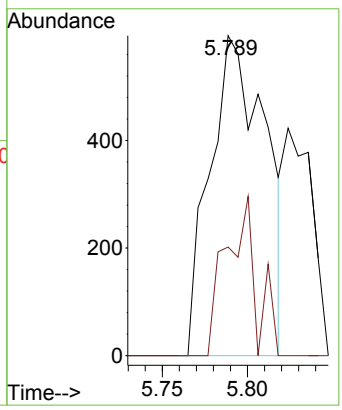


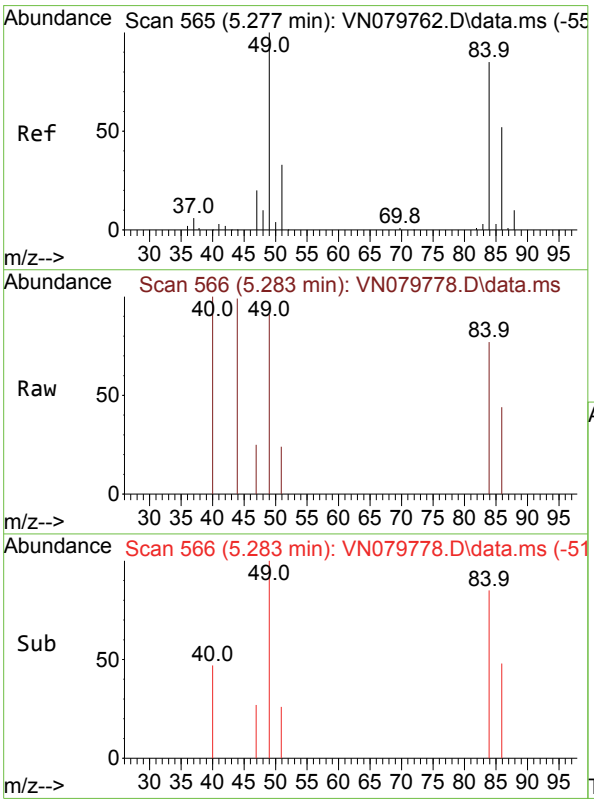

#19
Methyl tert-butyl Ether
Concen: 0.132 ug/l
RT: 5.789 min Scan# 6
Delta R.T. -0.012 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 73 Resp: 1348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 33.9 | 15.6 | 23.4# |

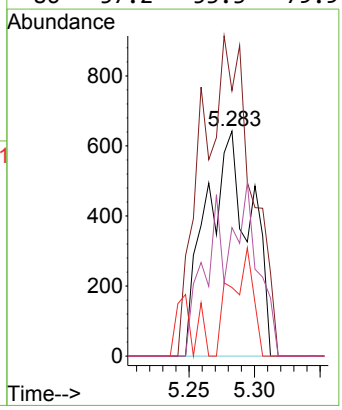


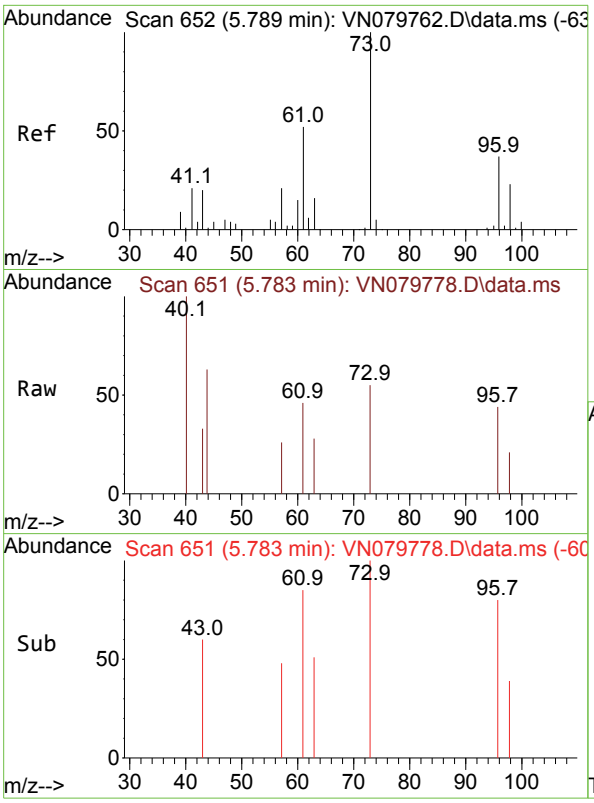




#20
Methylene Chloride
Concen: 0.403 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion: 84 Resp: 1497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 118.1 | 79.7 | 119.5 |
| 51 | 30.5 | 25.2 | 37.8 |
| 86 | 57.2 | 53.3 | 79.9 |



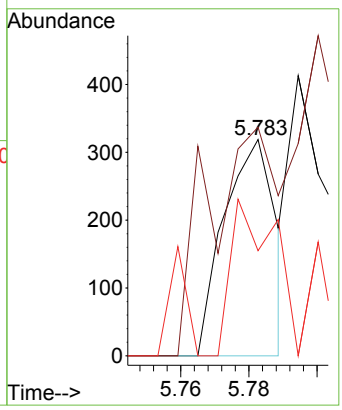


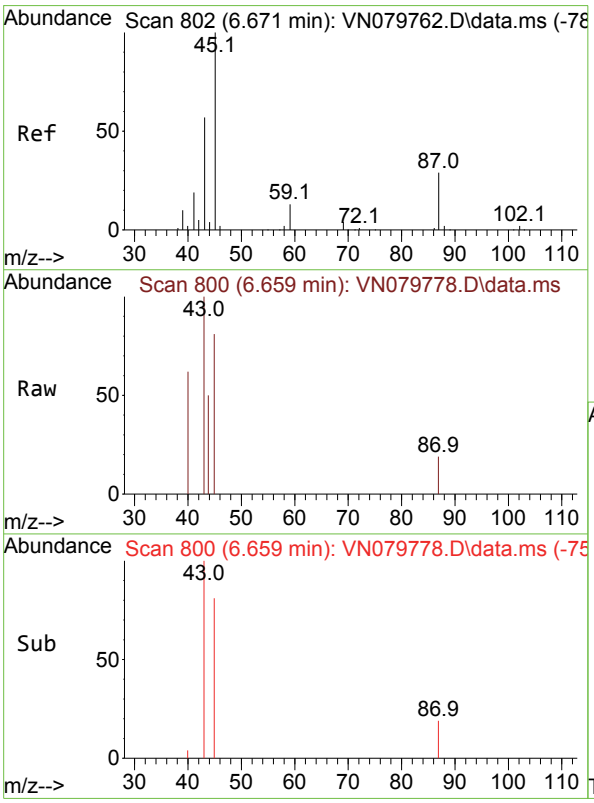

#21
trans-1,2-Dichloroethene
Concen: 0.102 ug/l
RT: 5.783 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 96 Resp: 337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 105.6 | 90.1 | 135.1 |
| 98 | 0.0 | 46.4 | 69.6# |

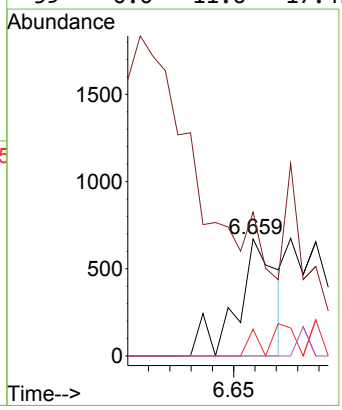


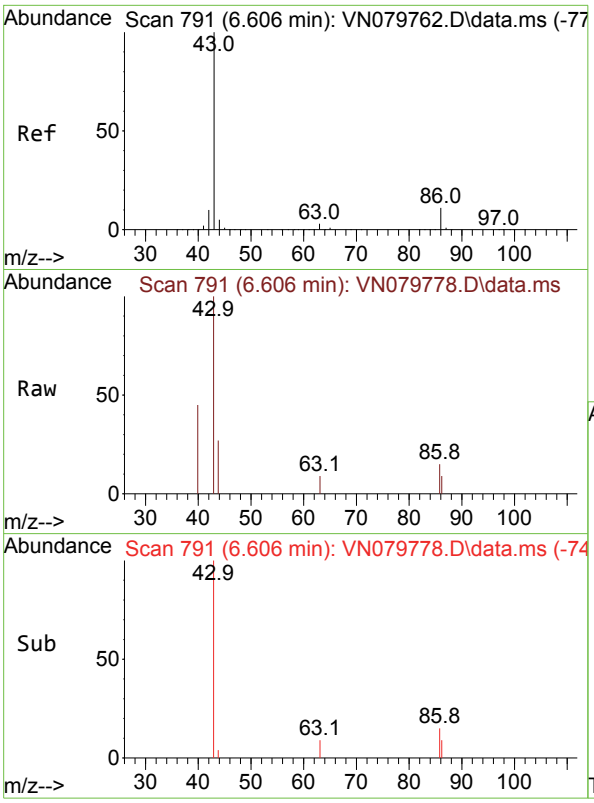




#22
Diisopropyl ether
Concen: 0.081 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.018 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion: 45 Resp: 847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 57.7 | 45.5 | 68.3 |
| 87 | 22.8 | 31.8 | 47.8# |
| 59 | 0.0 | 11.6 | 17.4# |



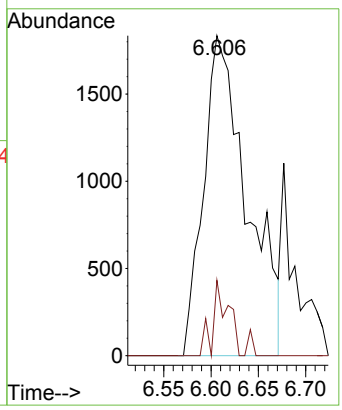


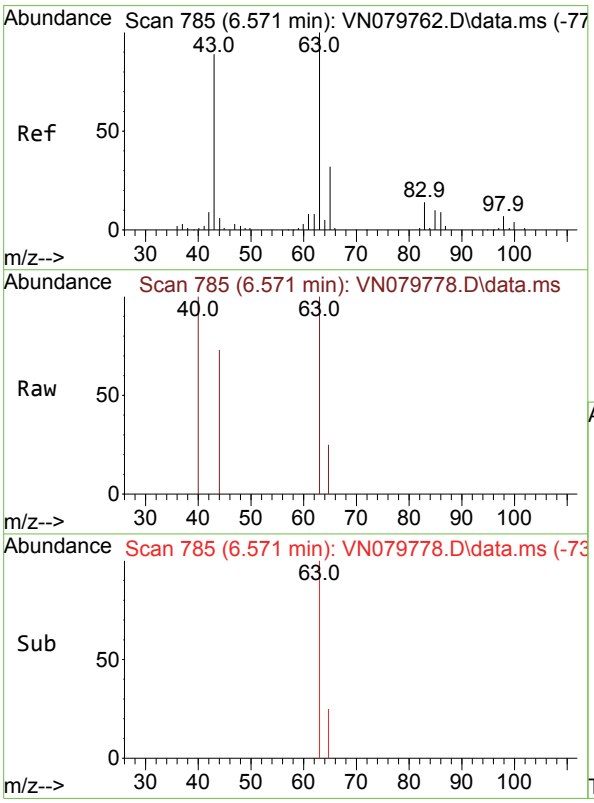

#23
Vinyl Acetate
Concen: 1.009 ug/l
RT: 6.606 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 43 Resp: 5855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 23.5 | 13.0 | 19.6# |

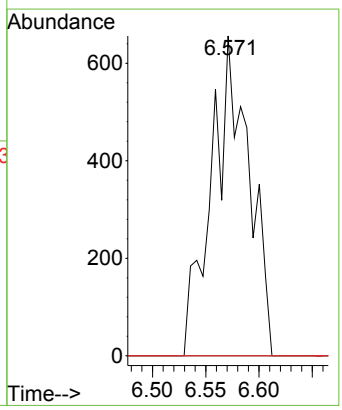


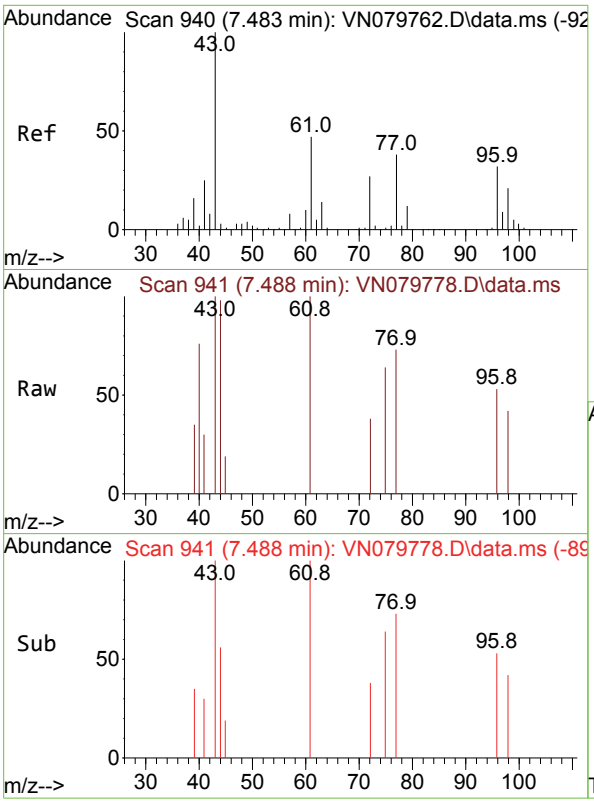




#24
1,1-Dichloroethane
Concen: 0.251 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion: 63 Resp: 1605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 0.0 | 3.9 | 11.7# |
| 100 | 0.0 | 2.5 | 7.4# |



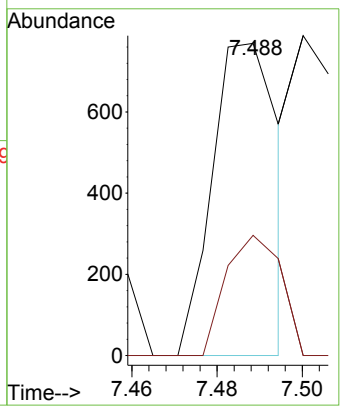


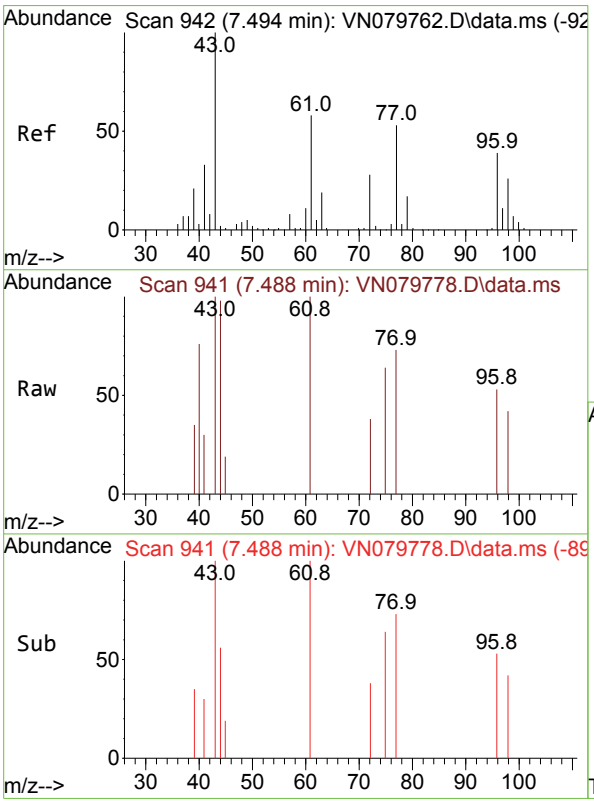

#25
2-Butanone
Concen: 0.386 ug/l
RT: 7.488 min Scan# 94
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 43 Resp: 832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 38.5 | 30.2 | 45.2 |

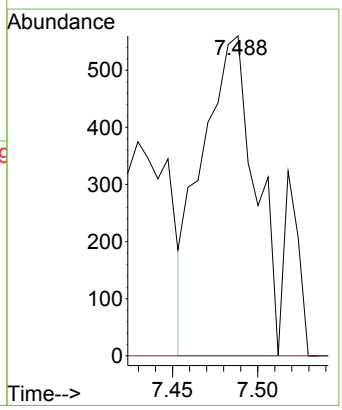


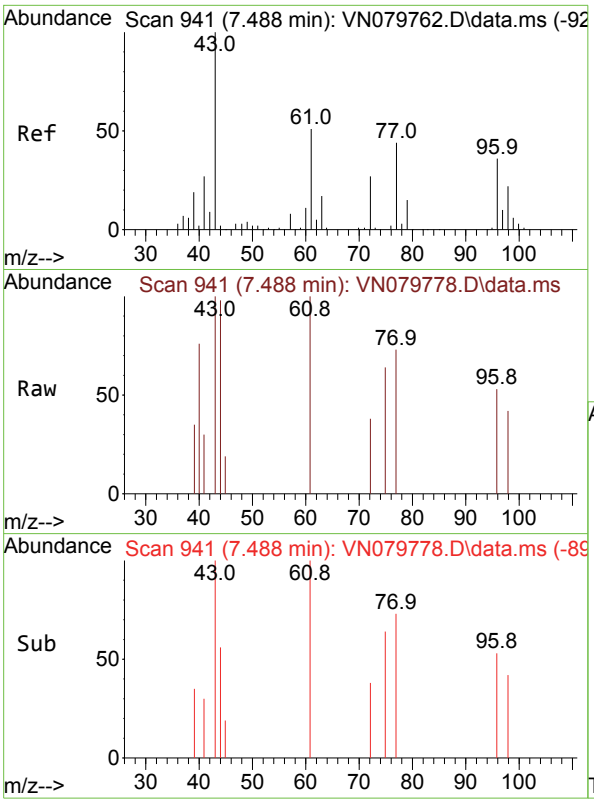




#26
2,2-Dichloropropane
Concen: 0.232 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion: 77 Resp: 1226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 0.0 | 11.2 | 33.6# |



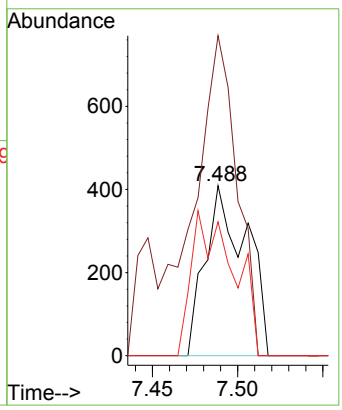


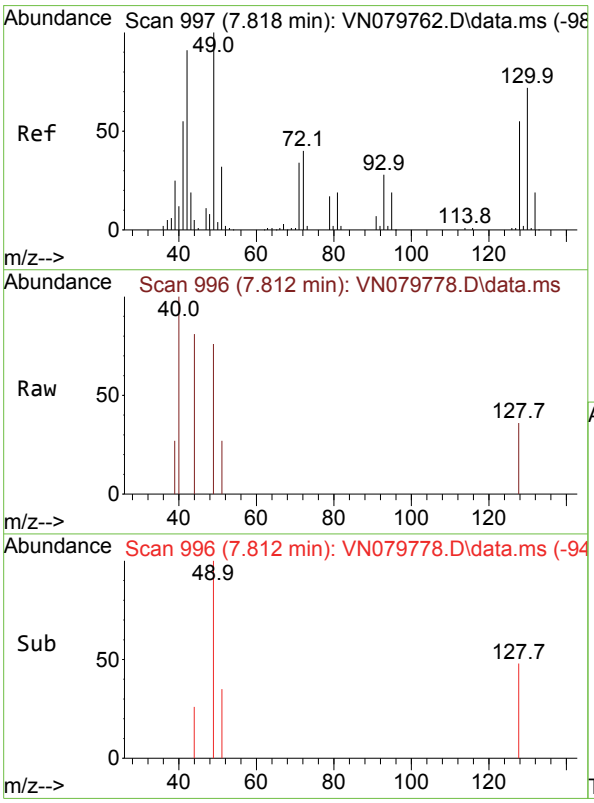

#27
cis-1,2-Dichloroethene
Concen: 0.173 ug/l
RT: 7.488 min Scan# 94
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 96 Resp: 684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 174.0 | 0.0 | 255.2 |
| 98 | 87.1 | 0.0 | 128.8 |

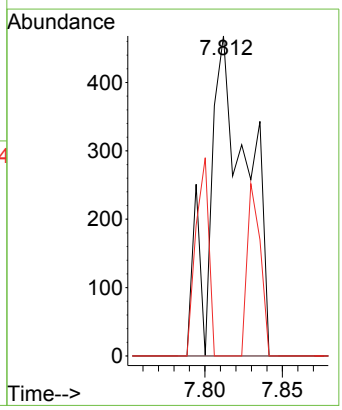


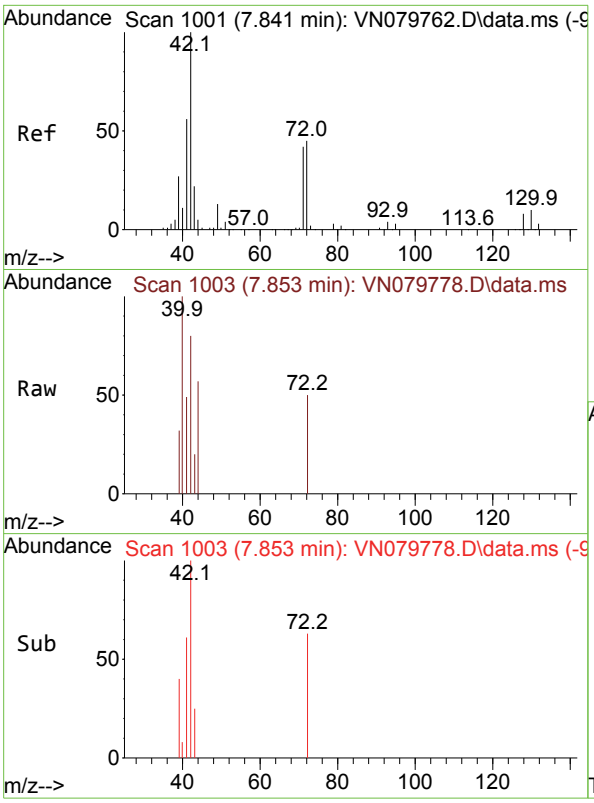




#28
Bromochloromethane
Concen: 0.256 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion: 49 Resp: 797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 0.0 | 0.0 | 4.8 |
| 130 | 21.3 | 75.3 | 112.9# |



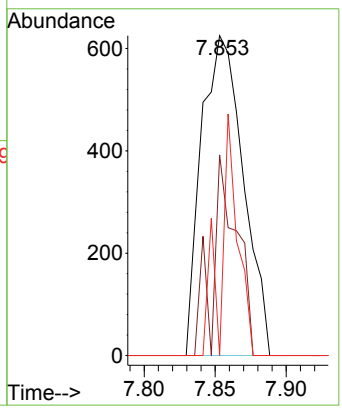


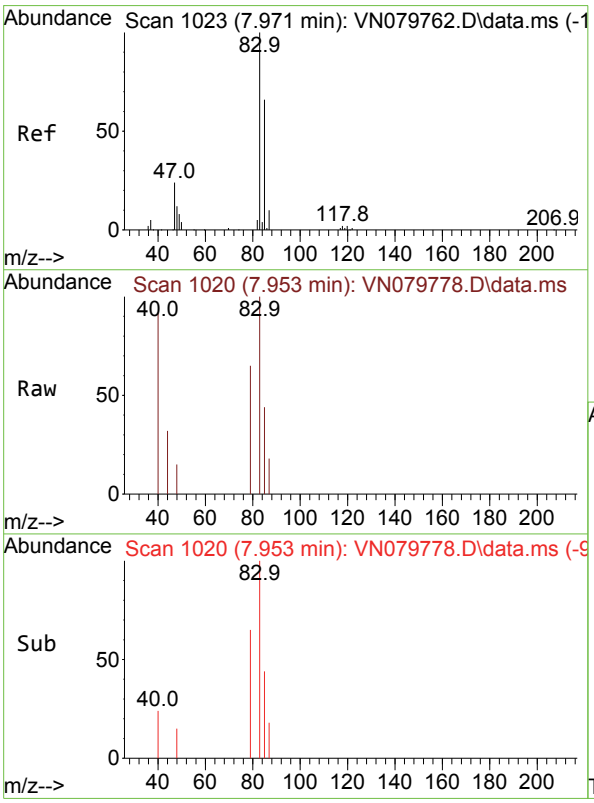

#29
Tetrahydrofuran
Concen: 0.914 ug/l
RT: 7.853 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 42 Resp: 1282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 36.9 | 49.8 | 74.6# |
| 71 | 31.1 | 47.4 | 71.2# |

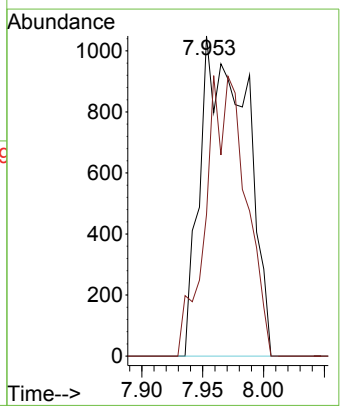


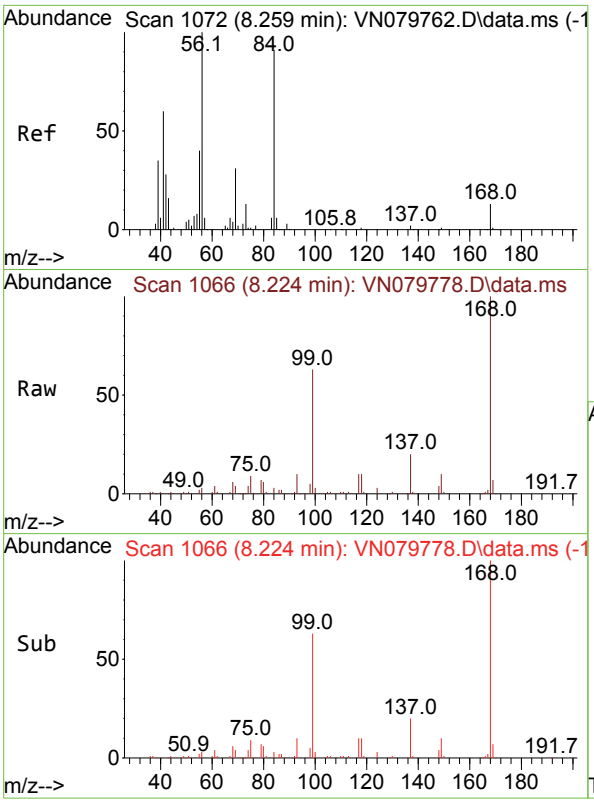




#30
Chloroform
Concen: 0.400 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. -0.018 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion: 83 Resp: 2775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 44.2 | 55.4 | 83.0# |



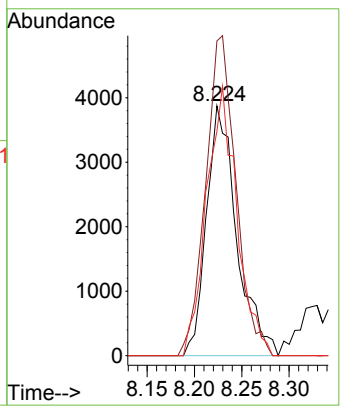


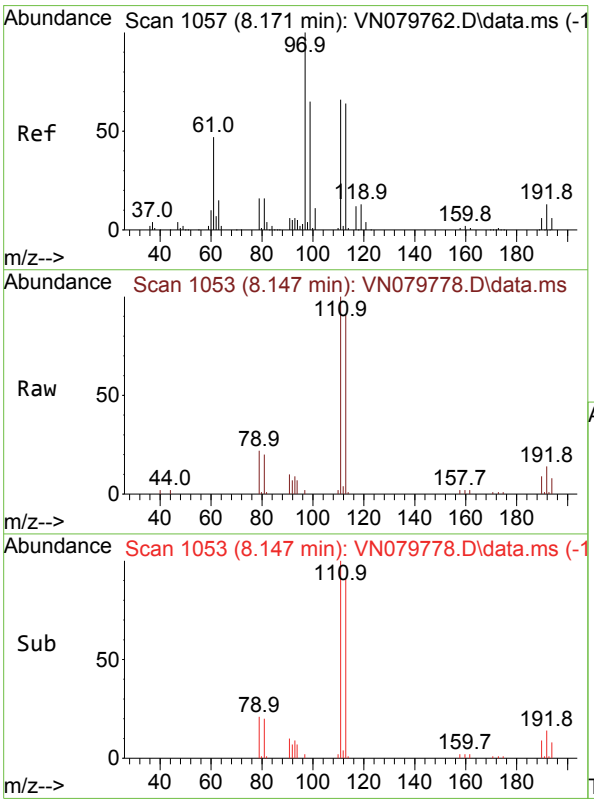

#31
Cyclohexane
Concen: 1.555 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.035 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 56 Resp: 8618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 126.0 | 26.8 | 40.2# |
| 84 | 89.8 | 81.8 | 122.6 |

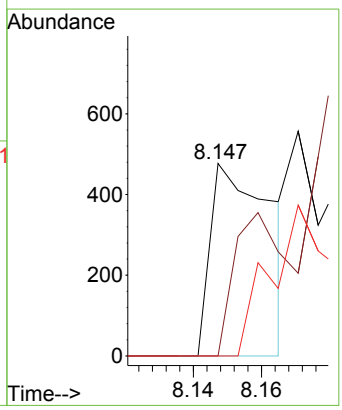


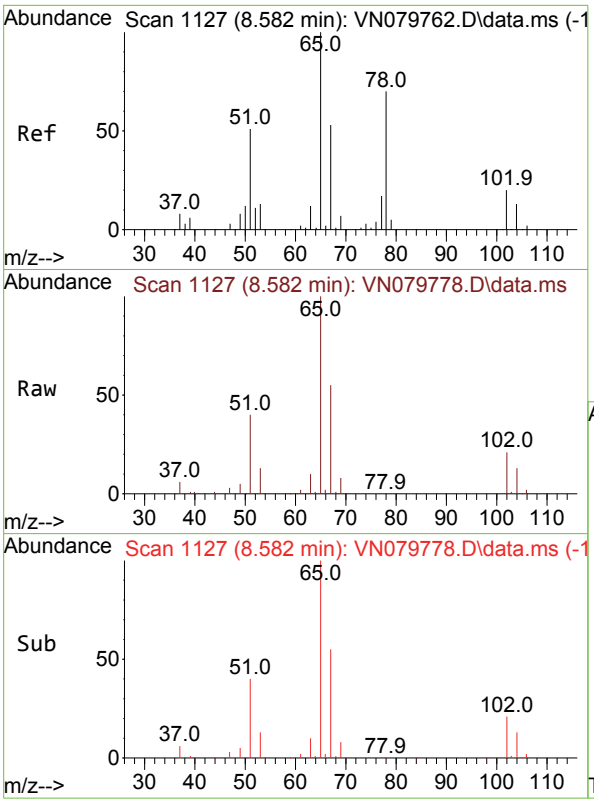




#32
1,1,1-Trichloroethane
Concen: 0.103 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.023 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion: 97 Resp: 585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 0.0 | 50.3 | 75.5# |
| 61 | 0.0 | 34.7 | 52.1# |



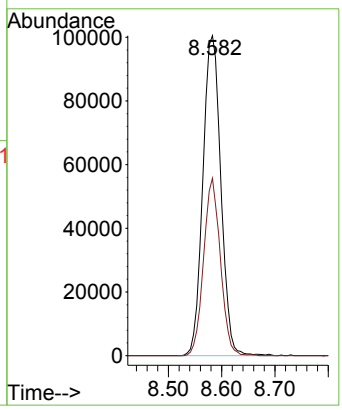


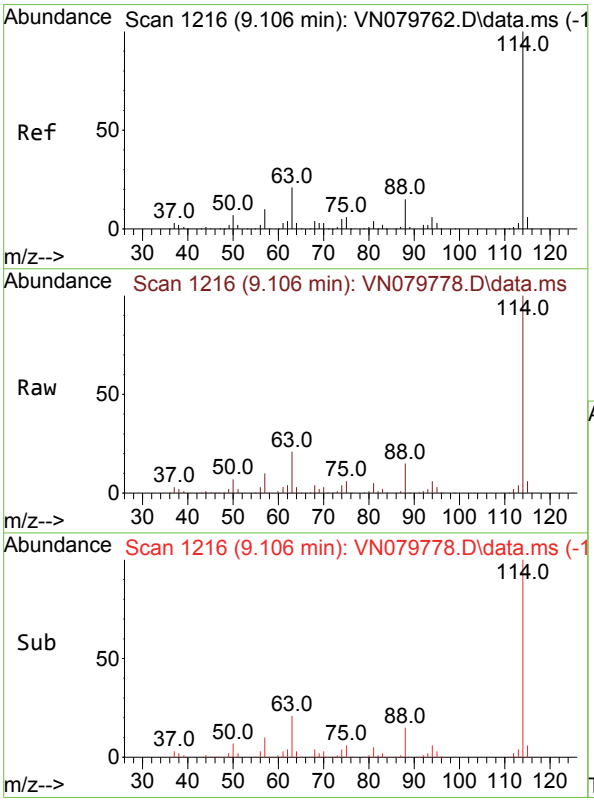

#33
1,2-Dichloroethane-d4
Concen: 56.237 ug/l
RT: 8.582 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 65 Resp: 235813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 51.7 | 0.0 | 106.6 |

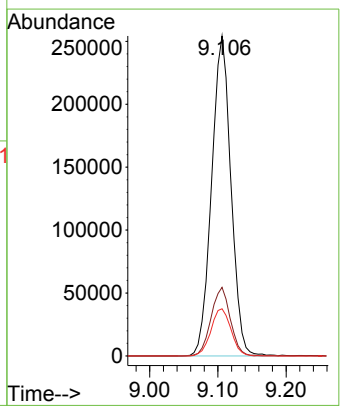


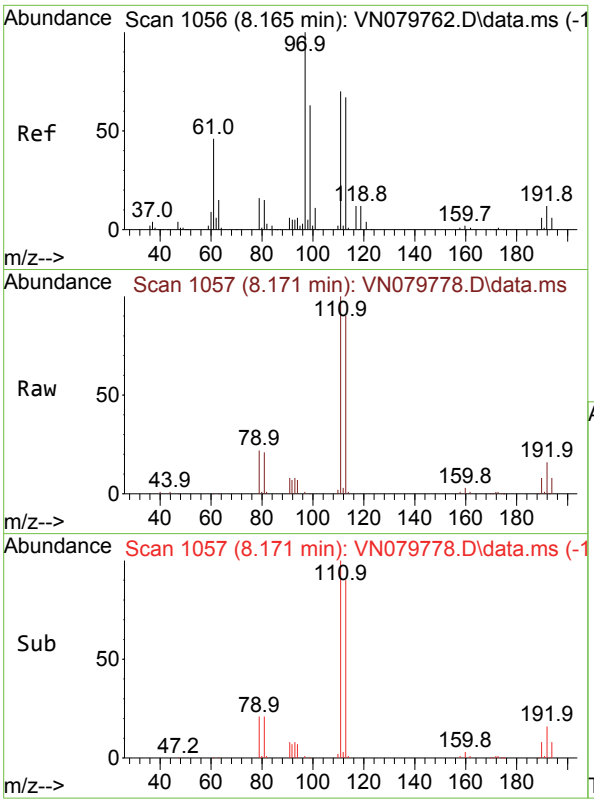




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion:114 Resp: 501972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 21.4 | 0.0 | 36.4 |
| 88 | 14.8 | 0.0 | 30.6 |



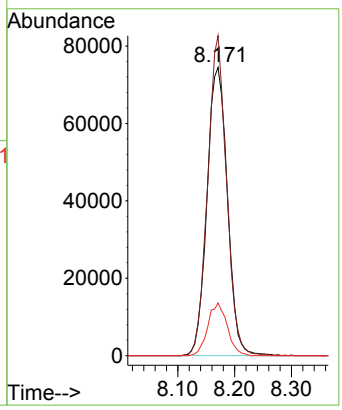


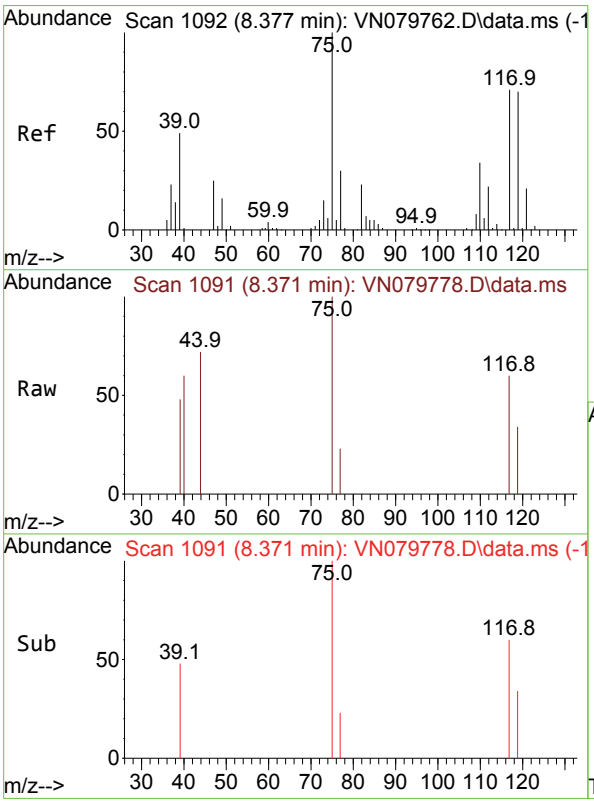

#35
Dibromofluoromethane
Concen: 52.275 ug/l
RT: 8.171 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:113 Resp: 185720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.0 | 82.6 | 123.8 |
| 192 | 17.4 | 12.7 | 19.1 |

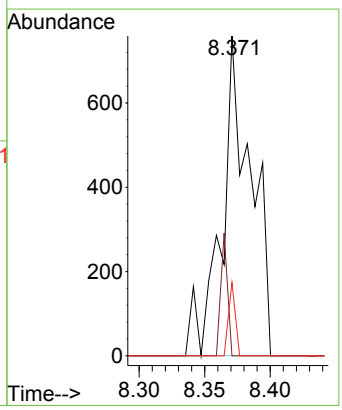


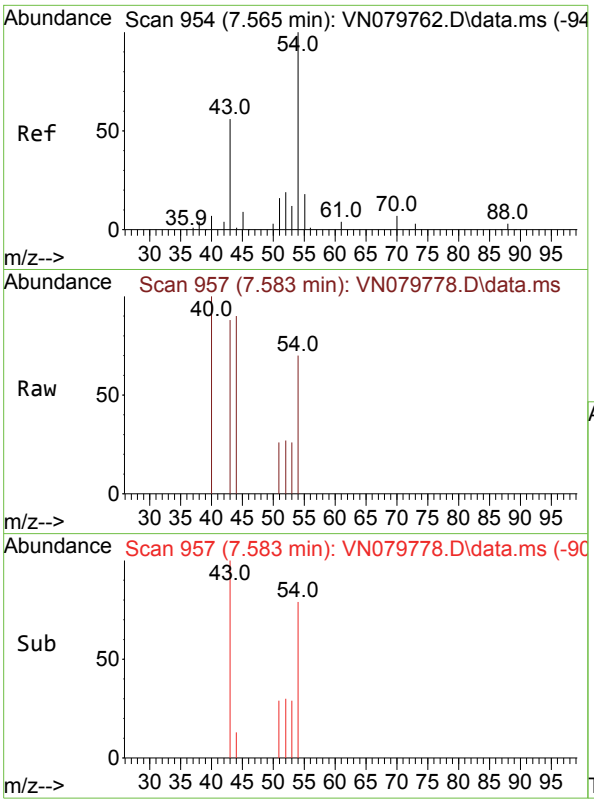




#36
1,1-Dichloropropene
Concen: 0.233 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion: 75 Resp: 1182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 0.0 | 19.1 | 57.3# |
| 77 | 5.2 | 25.0 | 37.4# |



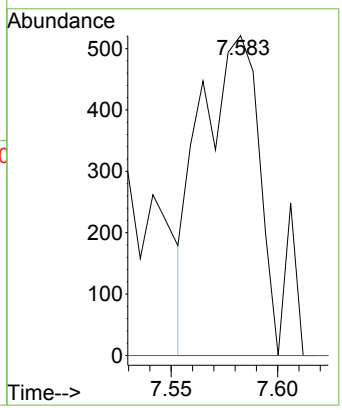


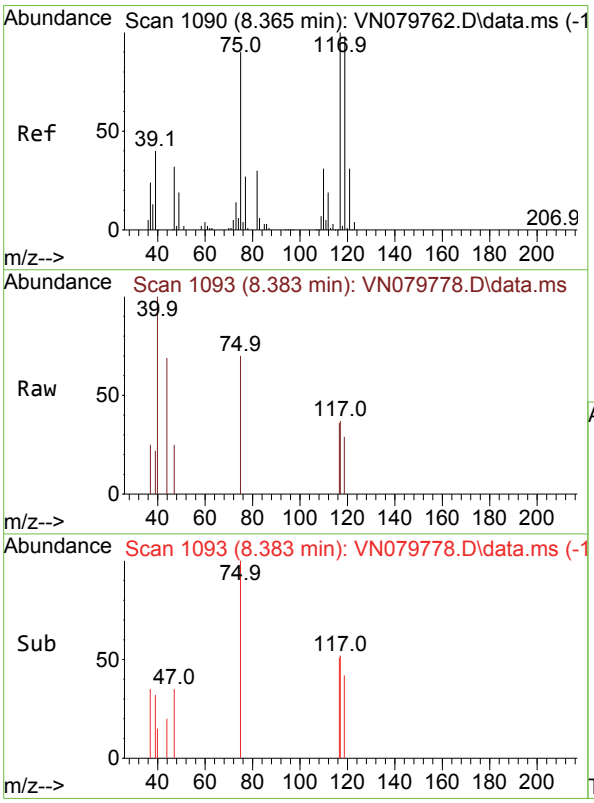

#37
Ethyl Acetate
Concen: 0.213 ug/l
RT: 7.583 min Scan# 9
Delta R.T. 0.018 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 43 Resp: 989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 0.0 | 13.2 | 19.8# |
| 70 | 0.0 | 11.3 | 16.9# |

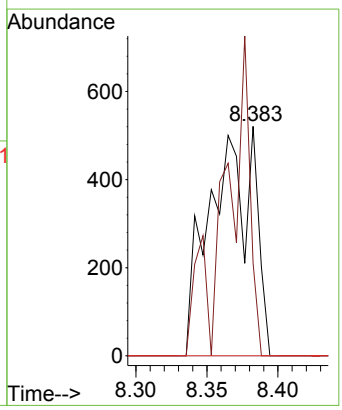


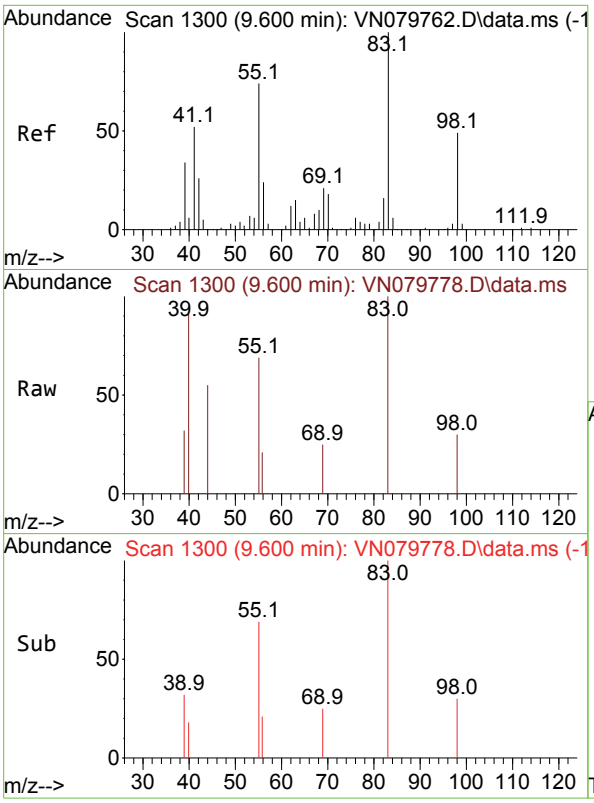




#38
Carbon Tetrachloride
Concen: 0.216 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.024 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion:117 Resp: 1105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 40.5 | 77.3 | 115.9# |
| 121 | 0.0 | 23.3 | 34.9# |



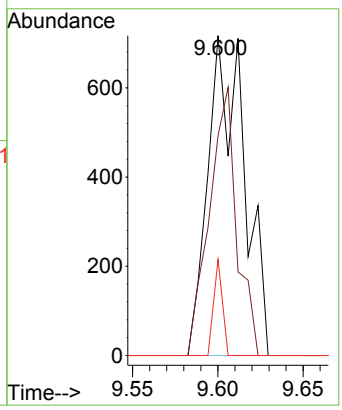


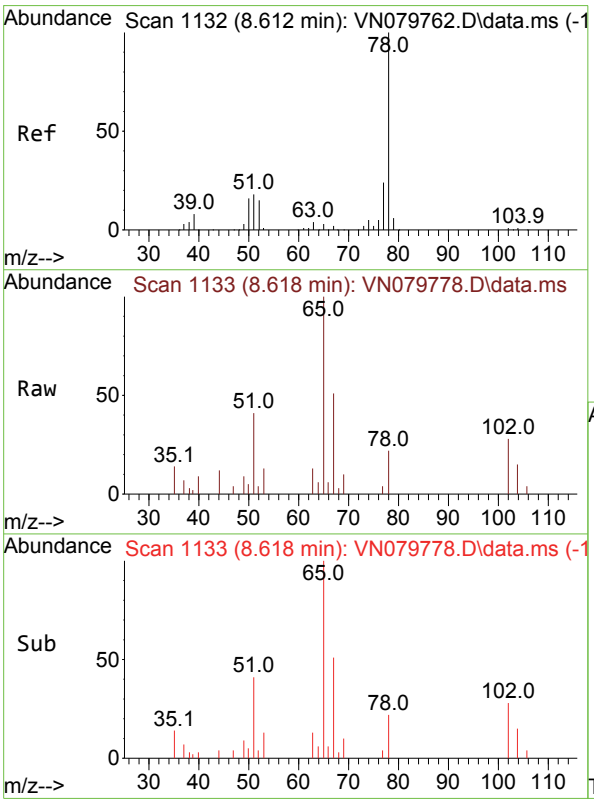

#39
Methylcyclohexane
Concen: 0.222 ug/l
RT: 9.600 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 83 Resp: 1060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 68.8 | 49.1 | 73.7 |
| 98 | 30.0 | 40.6 | 61.0# |

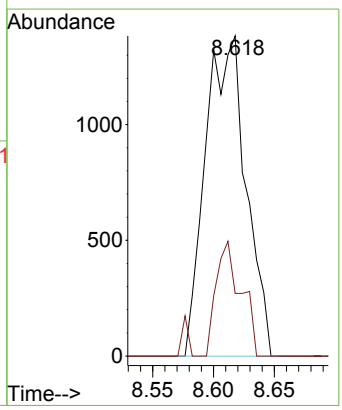


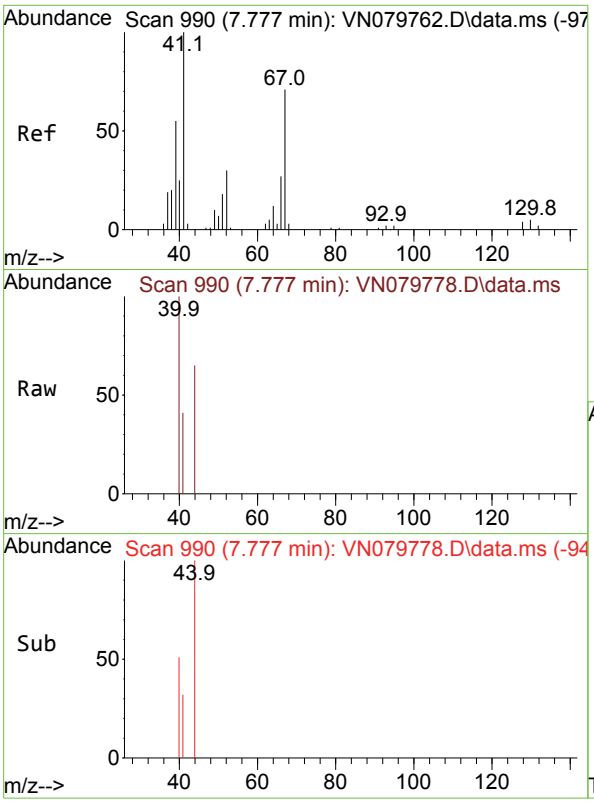




#40
Benzene
Concen: 0.211 ug/l
RT: 8.618 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion: 78 Resp: 3200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 19.6 | 19.0 | 28.6 |



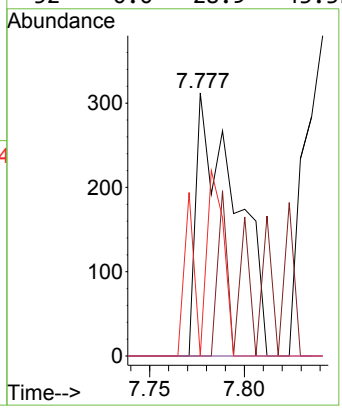


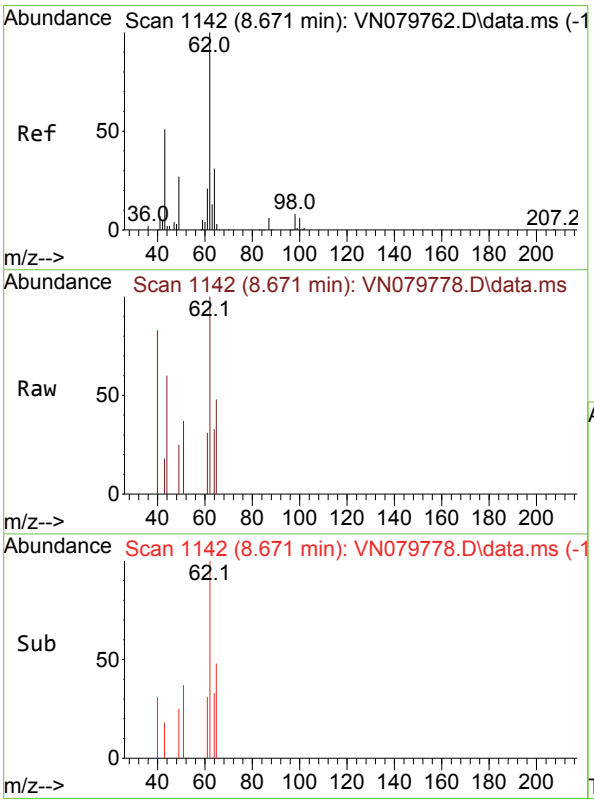

#41
Methacrylonitrile
Concen: 0.182 ug/l
RT: 7.777 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 41 Resp: 450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 15.3 | 42.6 | 64.0# |
| 67 | 45.3 | 77.5 | 116.3# |
| 52 | 0.0 | 28.9 | 43.3# |

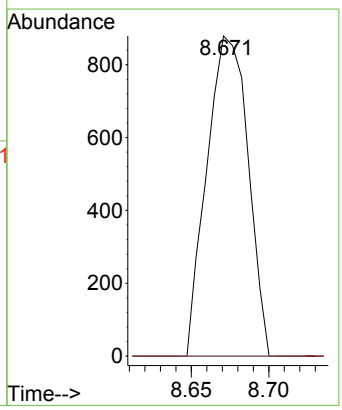


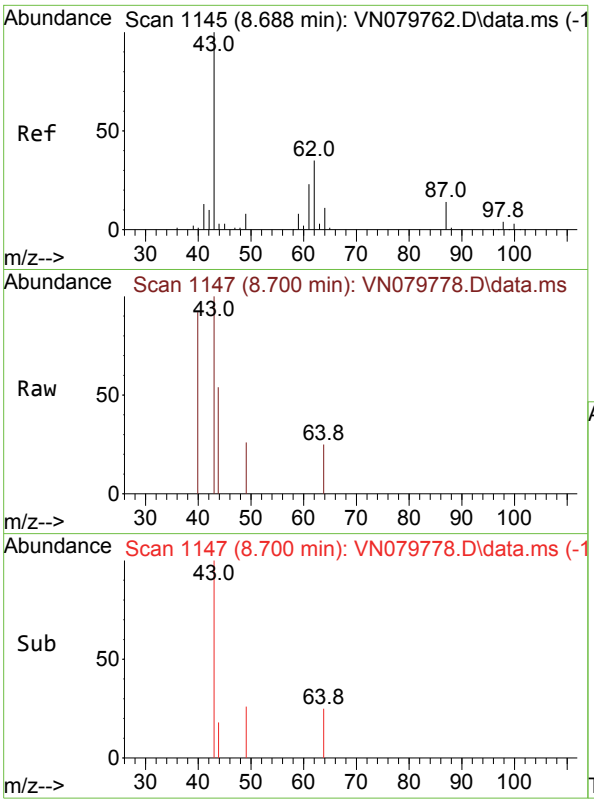




#42
1,2-Dichloroethane
Concen: 0.306 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion: 62 Resp: 1623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 0.0 | 0.0 | 19.8 |



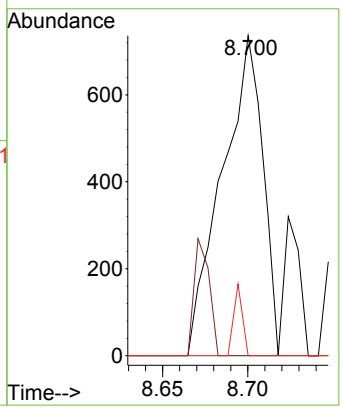


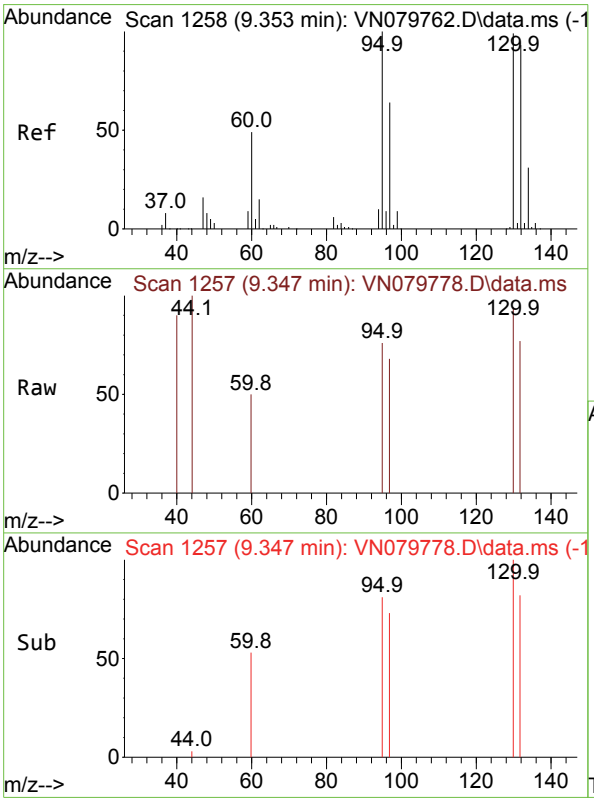

#43
Isopropyl Acetate
Concen: 0.150 ug/l
RT: 8.700 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 43 Resp: 1220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 0.0 | 24.7 | 37.1# |
| 87 | 4.8 | 14.6 | 21.8# |

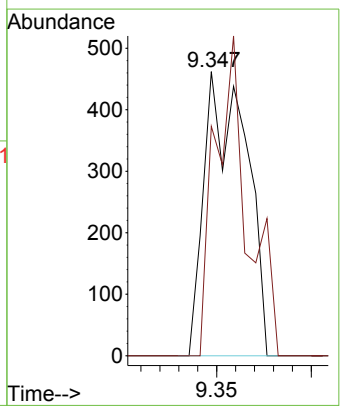


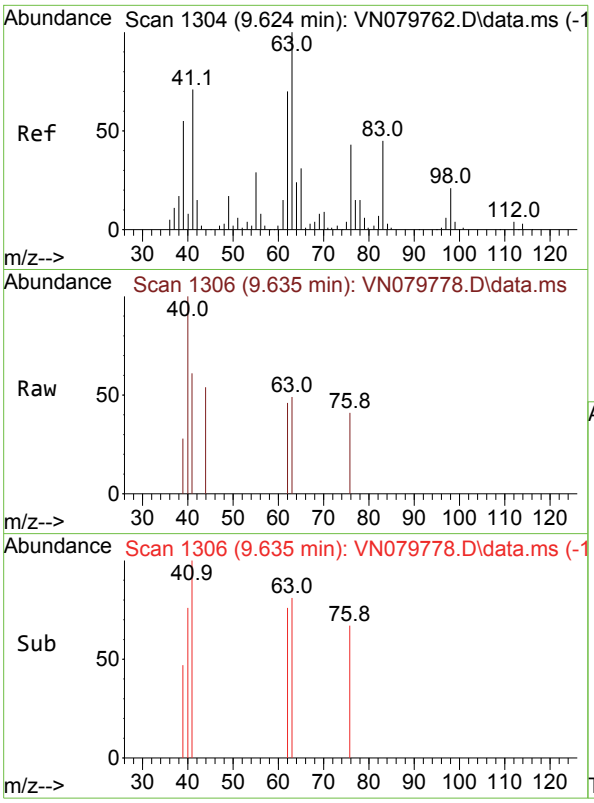




#44
Trichloroethene
Concen: 0.189 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion:130 Resp: 712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 80.7 | 0.0 | 204.6 |



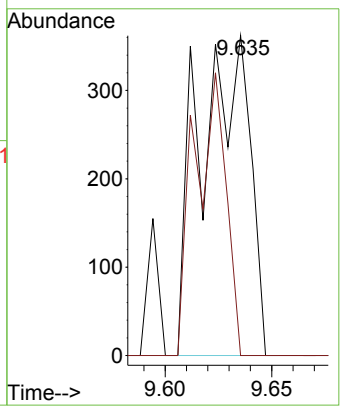


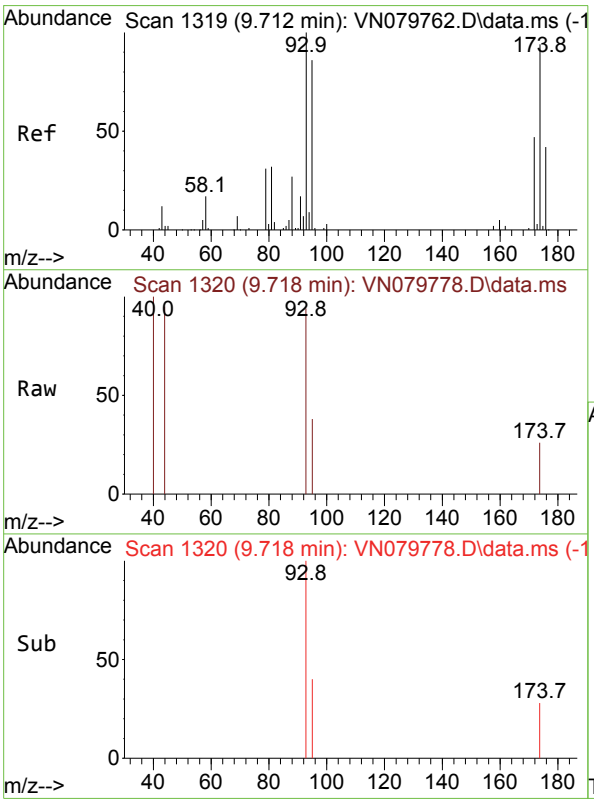

#45
1,2-Dichloropropane
Concen: 0.151 ug/l
RT: 9.635 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 63 Resp: 587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 0.0 | 23.9 | 35.9# |

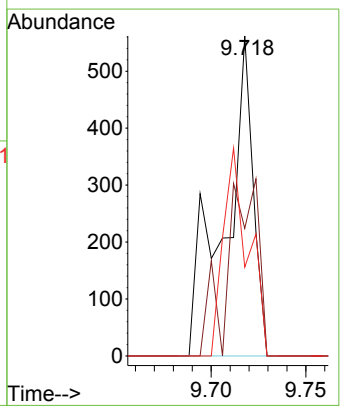


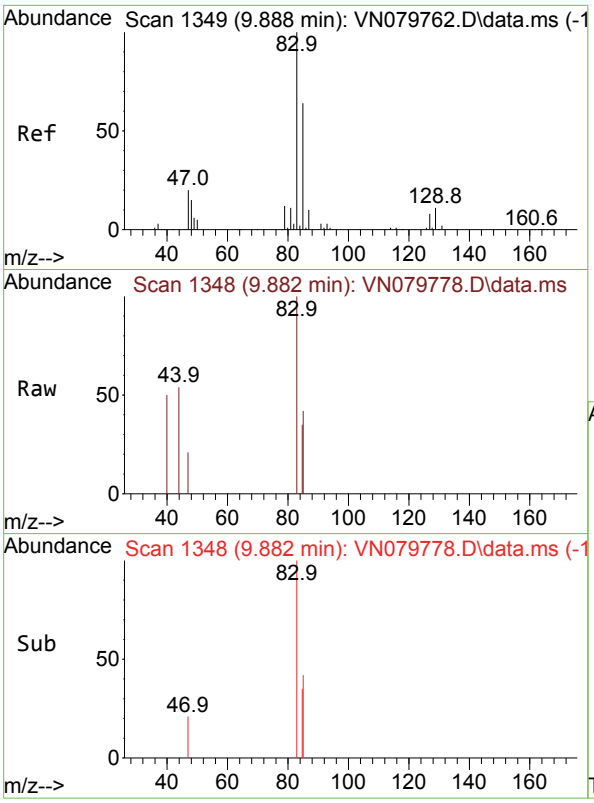




#46
Dibromomethane
Concen: 0.220 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion: 93 Resp: 582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 61.0 | 63.8 | 95.8# |
| 174 | 57.2 | 65.6 | 98.4# |



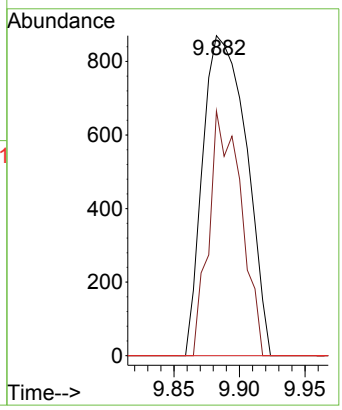


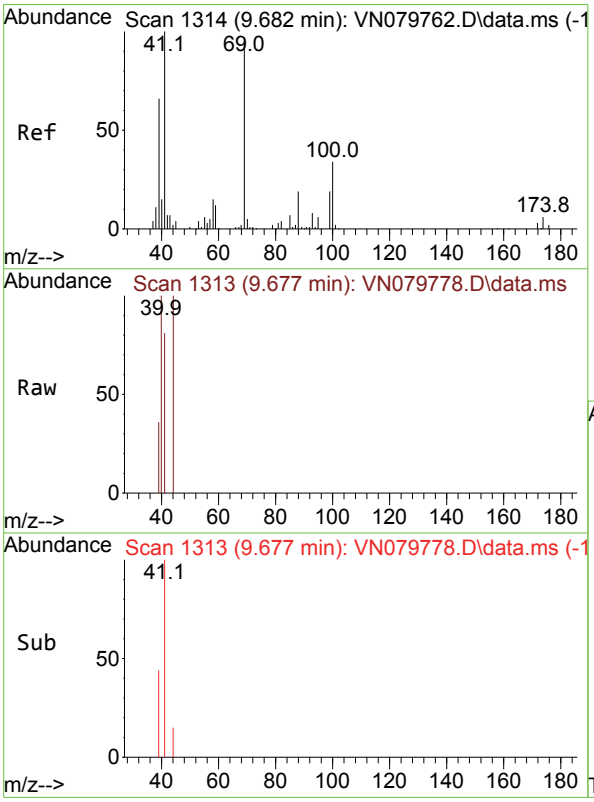

#47
Bromodichloromethane
Concen: 0.356 ug/l
RT: 9.882 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 83 Resp: 2012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 76.4 | 49.6 | 74.4# |
| 127 | 0.0 | 7.0 | 10.6# |

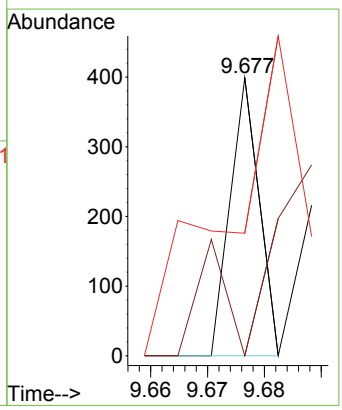


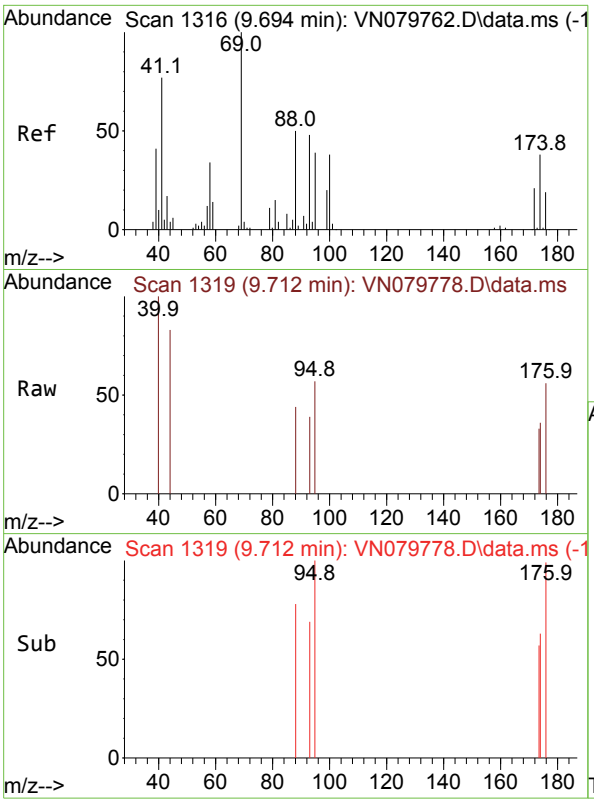




#48
Methyl methacrylate
Concen: 0.039 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion: 41 Resp: 141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 0.0 | 90.4 | 135.6# |
| 39 | 0.0 | 54.6 | 81.8# |



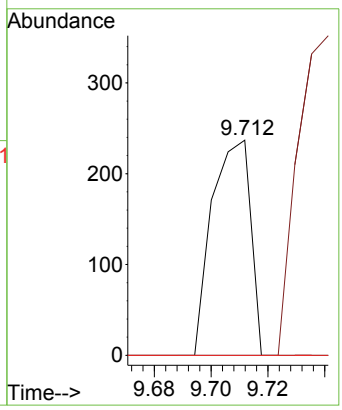


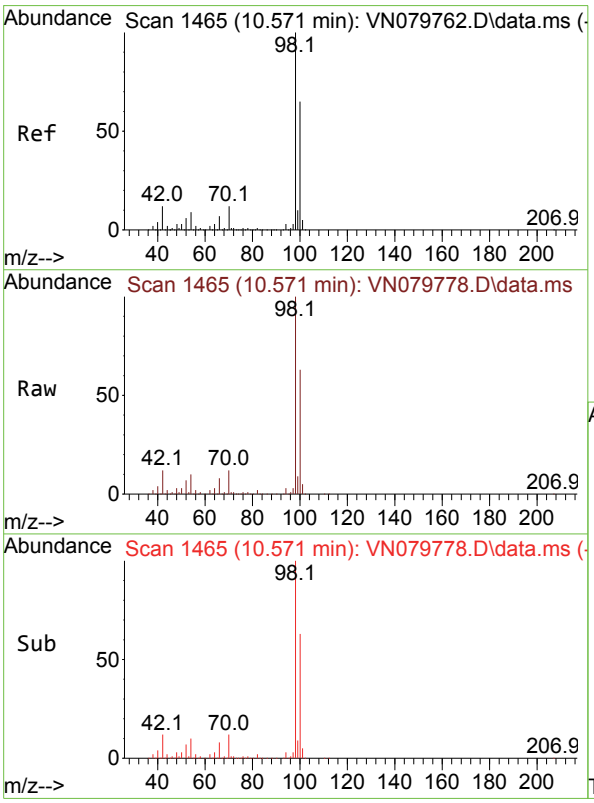

#49
1,4-Dioxane
Concen: 3.532 ug/l
RT: 9.712 min Scan# 1
Delta R.T. 0.018 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 88 Resp: 223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 0.0 | 17.0 | 25.6# |
| 58 | 0.0 | 47.0 | 70.4# |

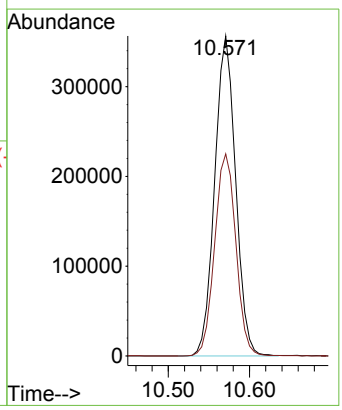


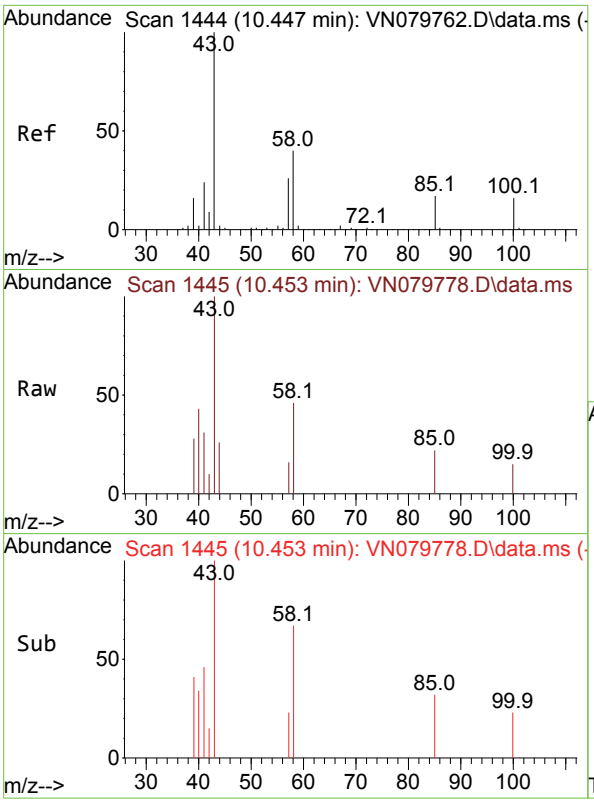




#50
Toluene-d8
Concen: 48.831 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion: 98 Resp: 638656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.2 | 52.0 | 78.0 |



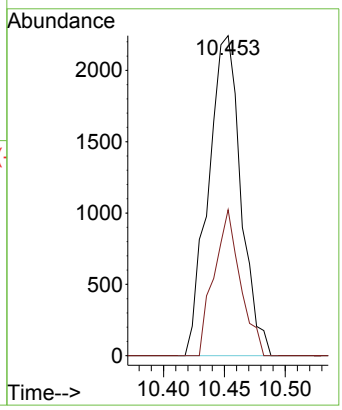


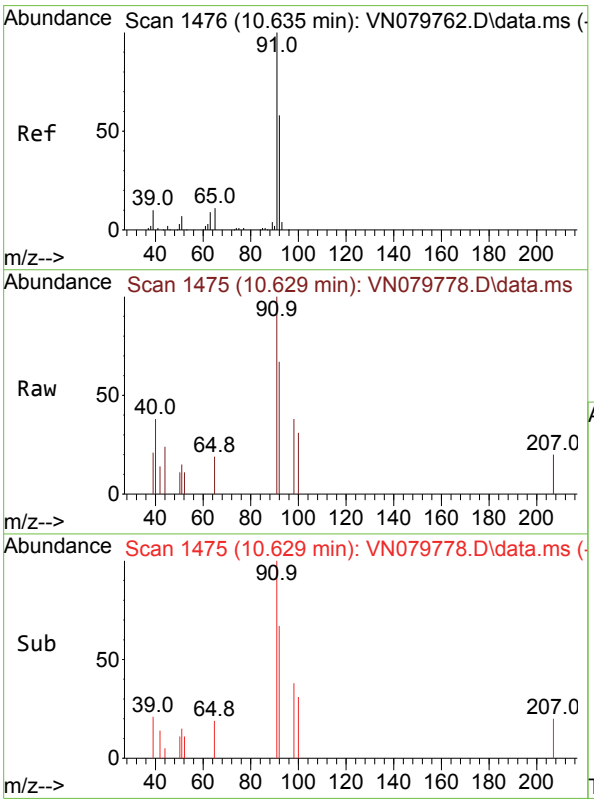

#51
4-Methyl-2-Pentanone
Concen: 0.908 ug/l
RT: 10.453 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 43 Resp: 4173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 36.9 | 36.6 | 54.8 |

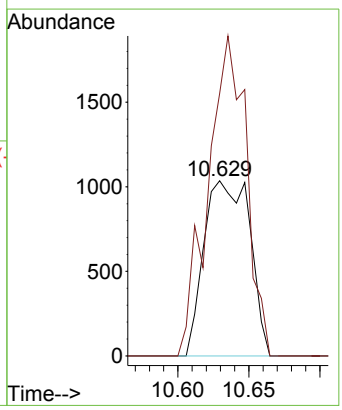


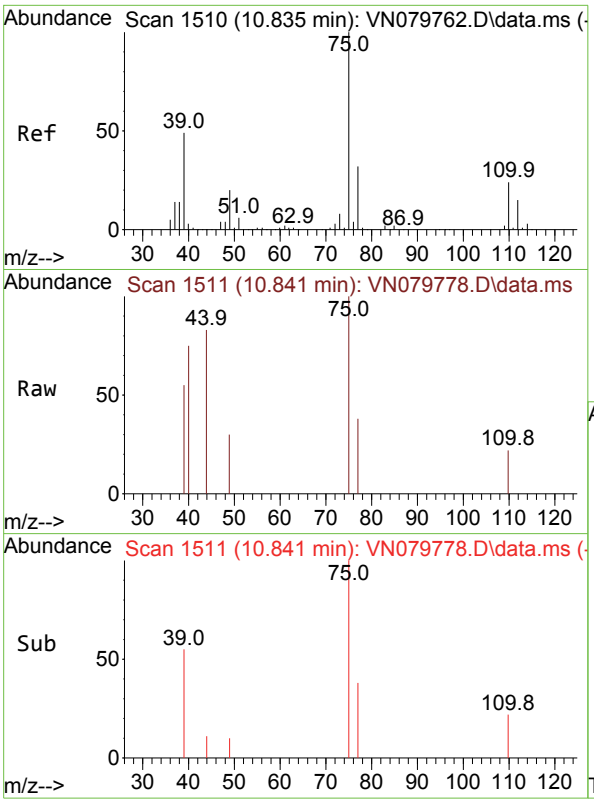




#52
Toluene
Concen: 0.258 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion: 92 Resp: 2326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 152.4 | 137.4 | 206.0 |



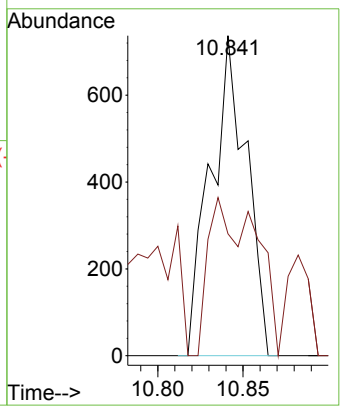


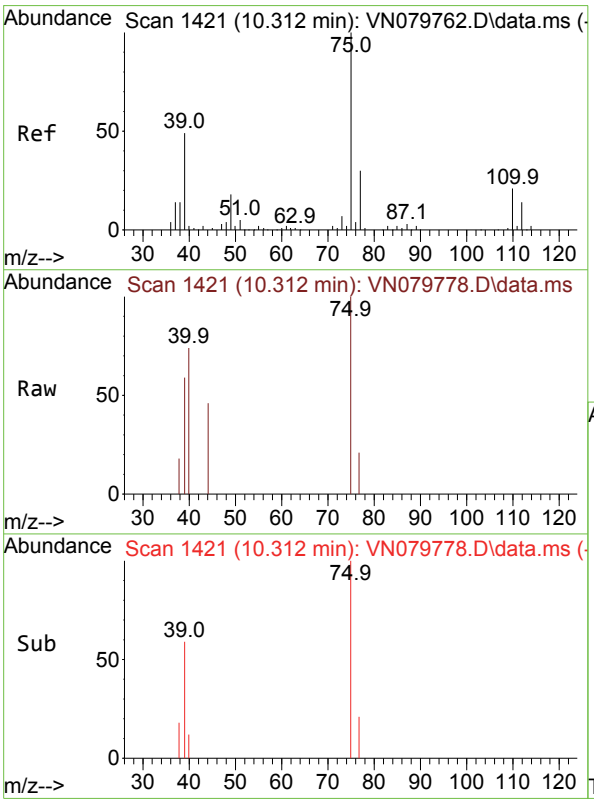

#53
t-1,3-Dichloropropene
Concen: 0.195 ug/l
RT: 10.841 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 75 Resp: 1079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 38.1 | 25.4 | 38.0# |

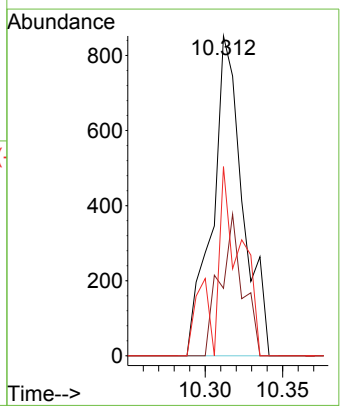


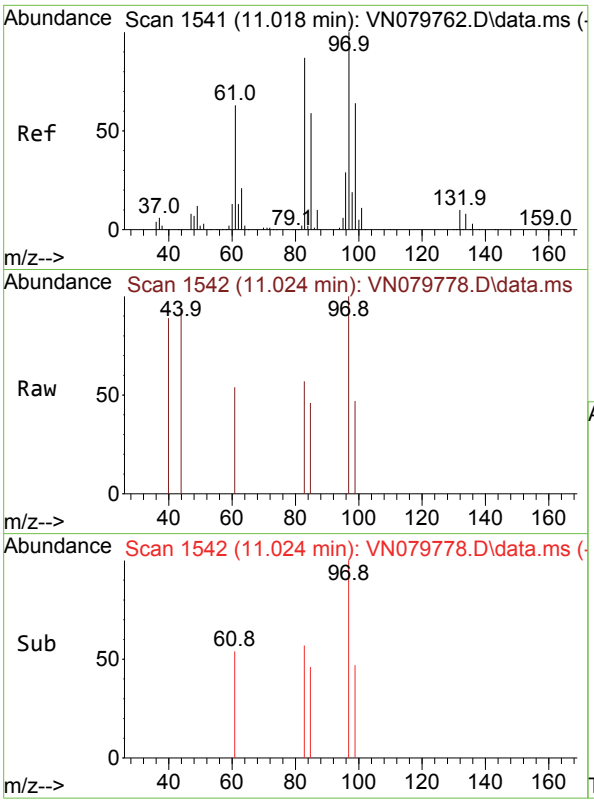




#54
cis-1,3-Dichloropropene
Concen: 0.192 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion: 75 Resp: 1161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 21.1 | 26.1 | 39.1# |
| 39 | 59.2 | 31.6 | 47.4# |



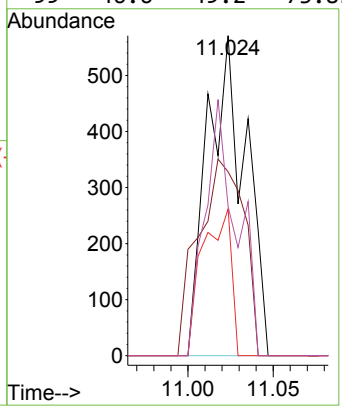


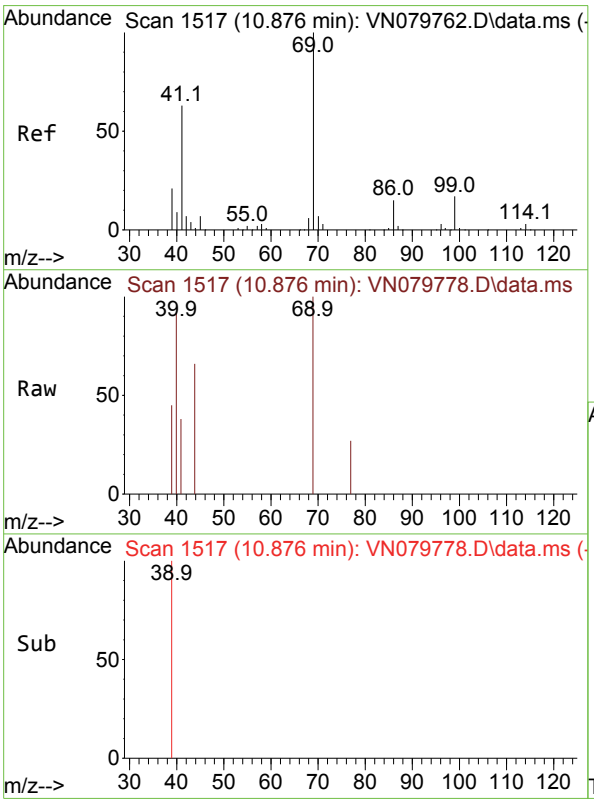

#55
1,1,2-Trichloroethane
Concen: 0.246 ug/l
RT: 11.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 97 Resp: 892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 57.4 | 65.1 | 97.7# |
| 85 | 45.9 | 43.4 | 65.2 |
| 99 | 46.6 | 49.2 | 73.8# |

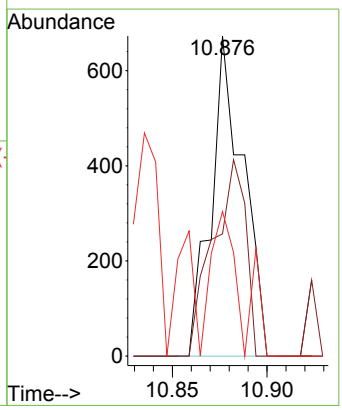


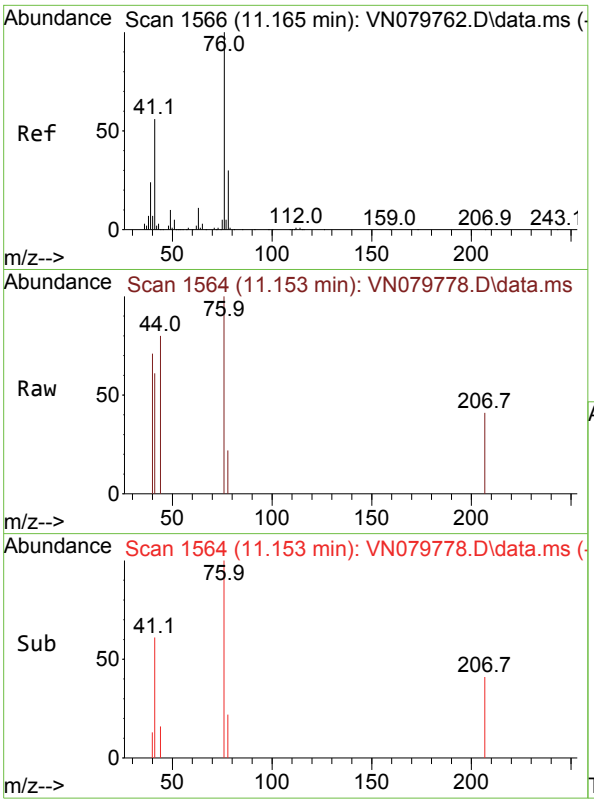




#56
Ethyl methacrylate
Concen: 0.152 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion: 69 Resp: 788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 62.9 | 39.6 | 59.4# |
| 39 | 43.1 | 28.6 | 43.0# |



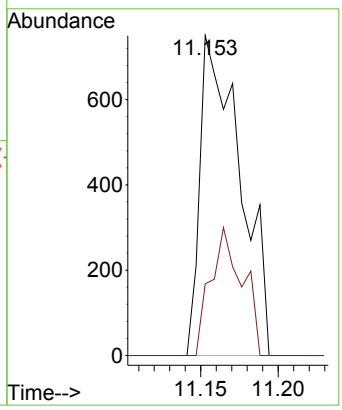


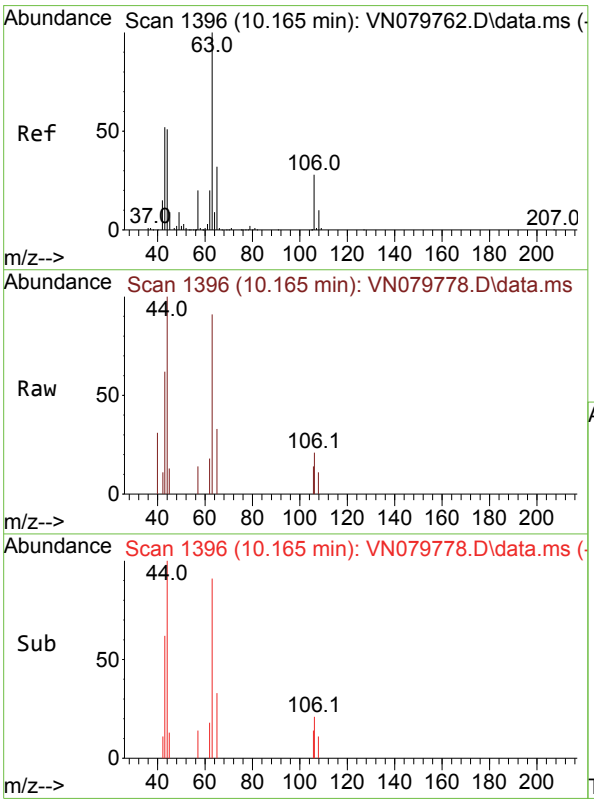

#57
1,3-Dichloropropane
Concen: 0.211 ug/l
RT: 11.153 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 76 Resp: 1347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 31.8 | 26.1 | 39.1 |

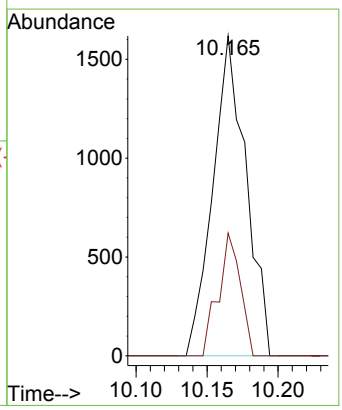


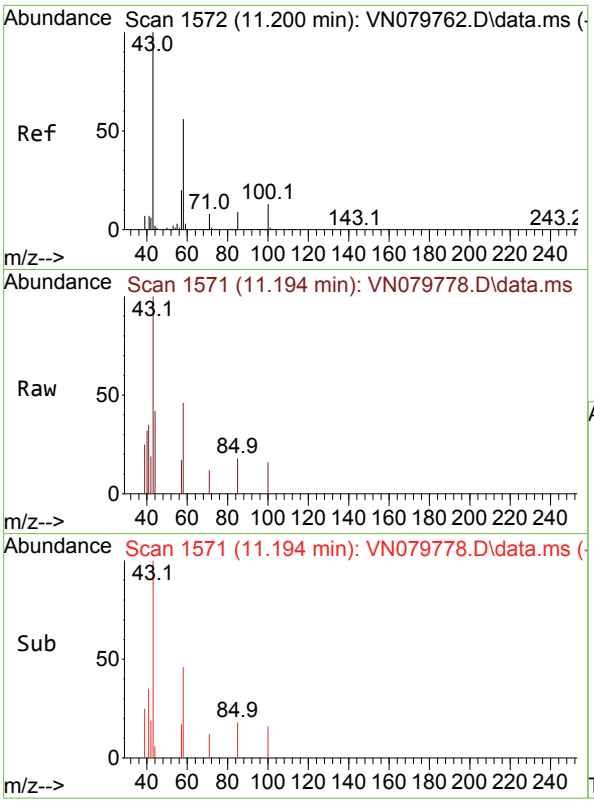




#58
2-Chloroethyl Vinyl ether
Concen: 1.002 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion: 63 Resp: 2625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 25.4 | 26.2 | 39.4# |



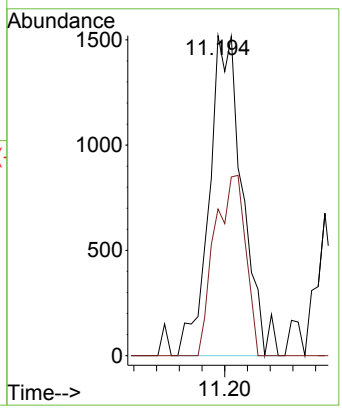


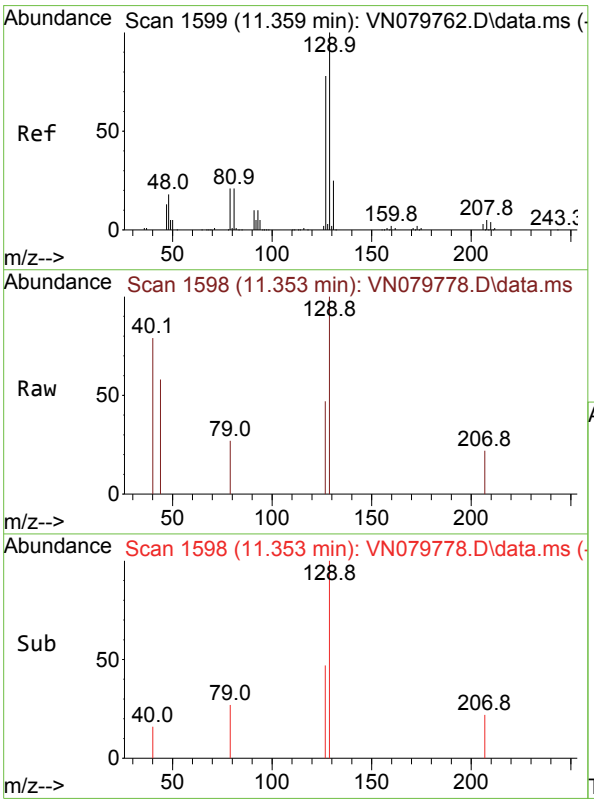

#59
2-Hexanone
Concen: 0.880 ug/l
RT: 11.194 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 43 Resp: 3093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 52.1 | 31.7 | 95.1 |

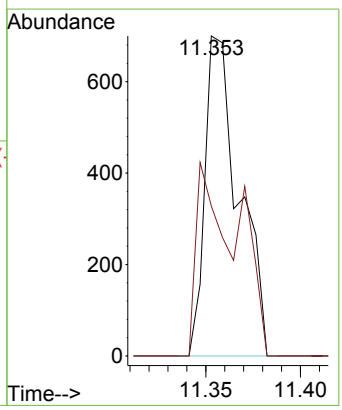


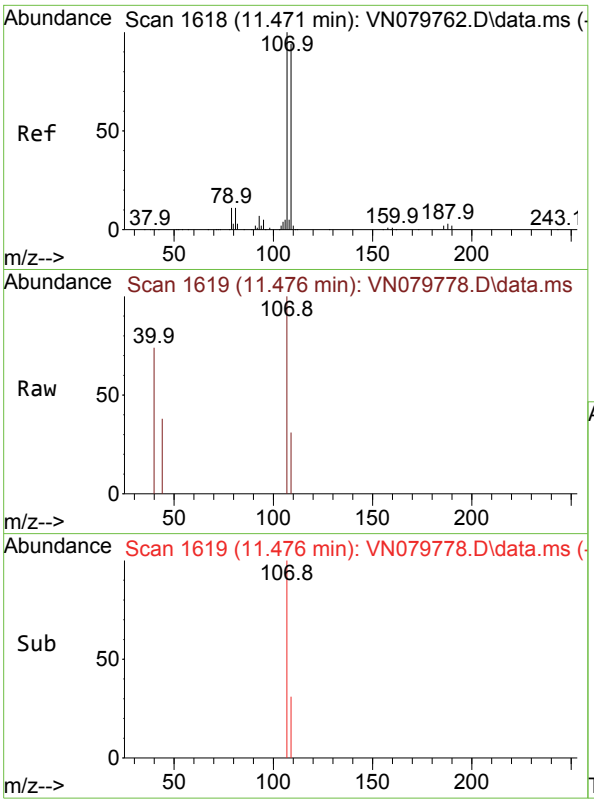




#60
Dibromochloromethane
Concen: 0.225 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.012 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion:129 Resp: 874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 72.3 | 38.6 | 116.0 |



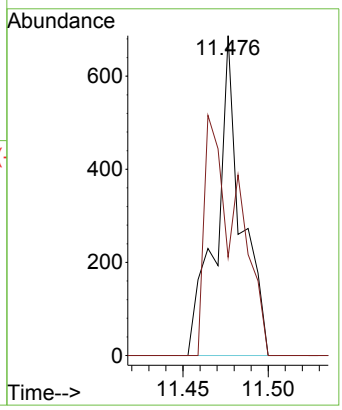


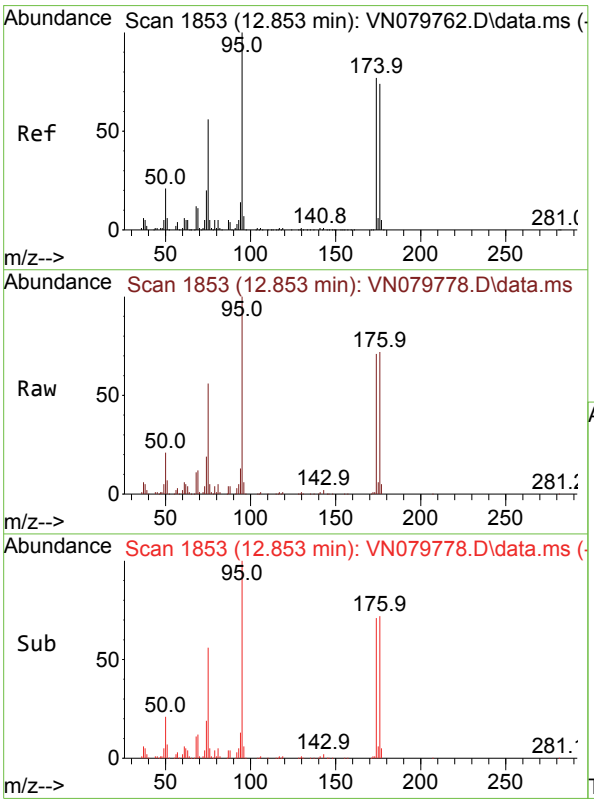

#61
1,2-Dibromoethane
Concen: 0.193 ug/l
RT: 11.476 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:107 Resp: 700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 97.6 | 76.6 | 114.8 |

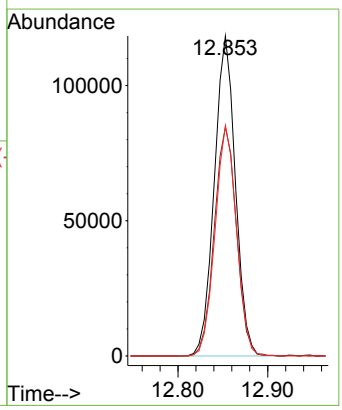


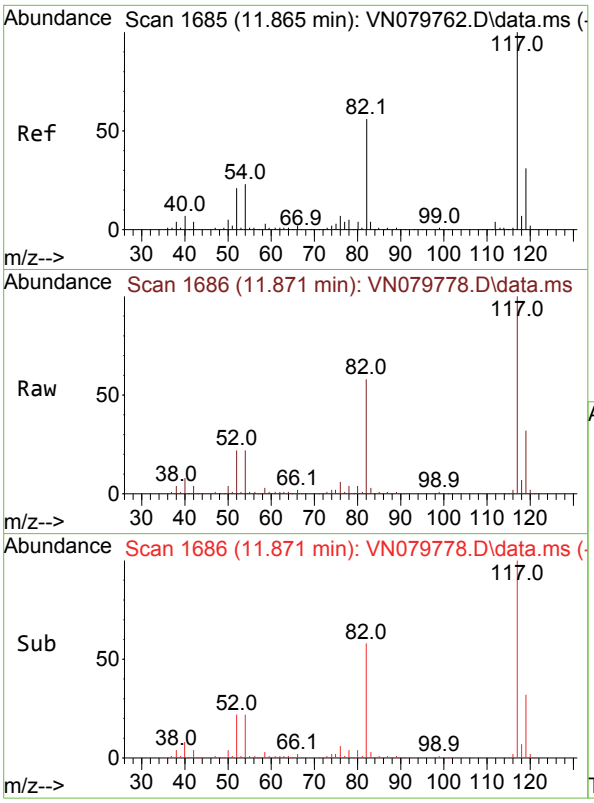




#62
4-Bromofluorobenzene
Concen: 44.532 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion: 95 Resp: 193163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 74.9 | 0.0 | 143.8 |
| 176 | 72.7 | 0.0 | 135.8 |



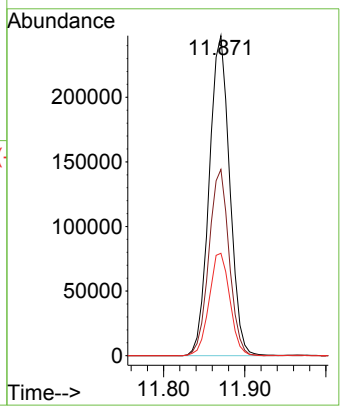


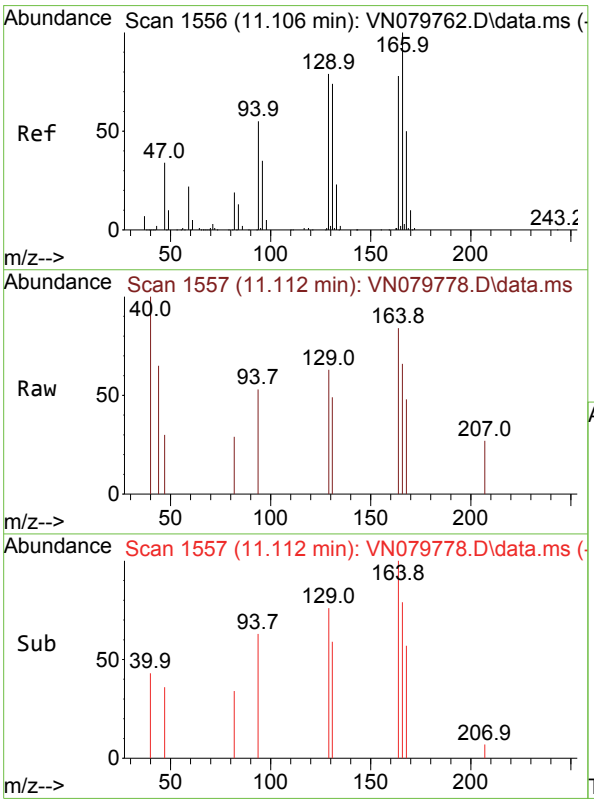

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:117 Resp: 433875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 58.2 | 44.0 | 66.0 |
| 119 | 32.0 | 25.6 | 38.4 |

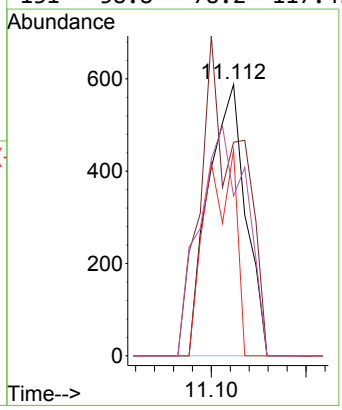


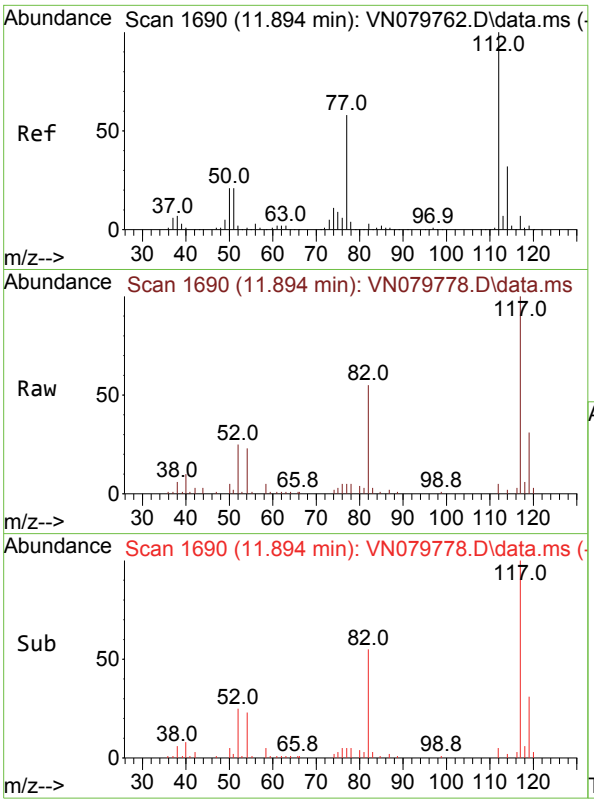




#64
Tetrachloroethene
Concen: 0.285 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion:164 Resp: 800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 78.7 | 101.4 | 152.0# |
| 129 | 75.9 | 82.4 | 123.6# |
| 131 | 58.8 | 78.2 | 117.4# |



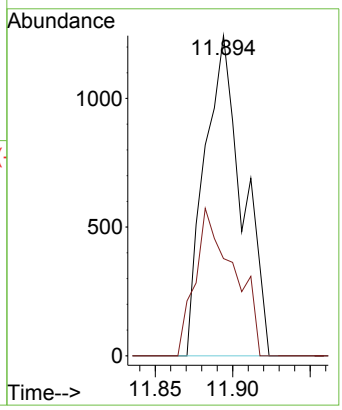


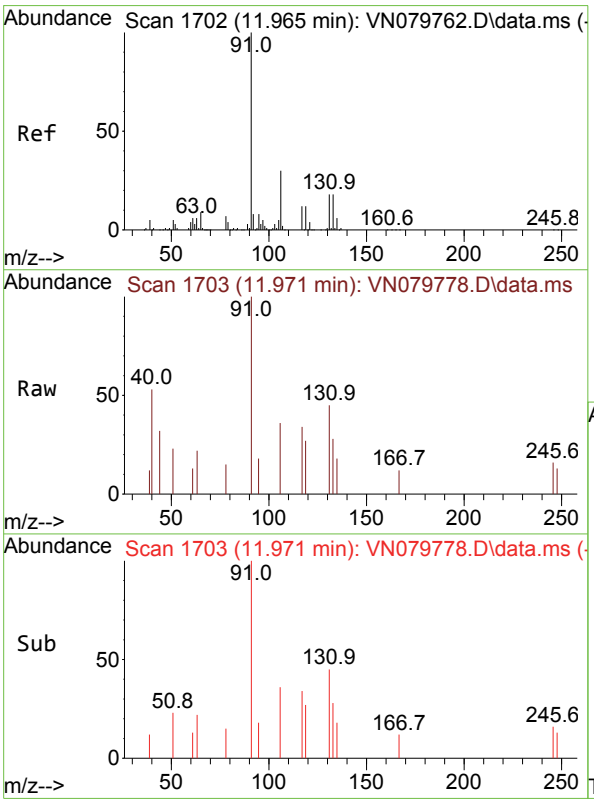

#65
Chlorobenzene
Concen: 0.224 ug/l
RT: 11.894 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:112 Resp: 2106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 30.4 | 25.0 | 37.4 |

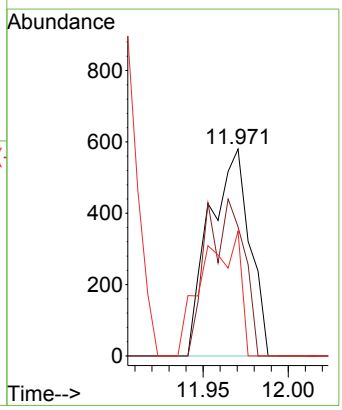


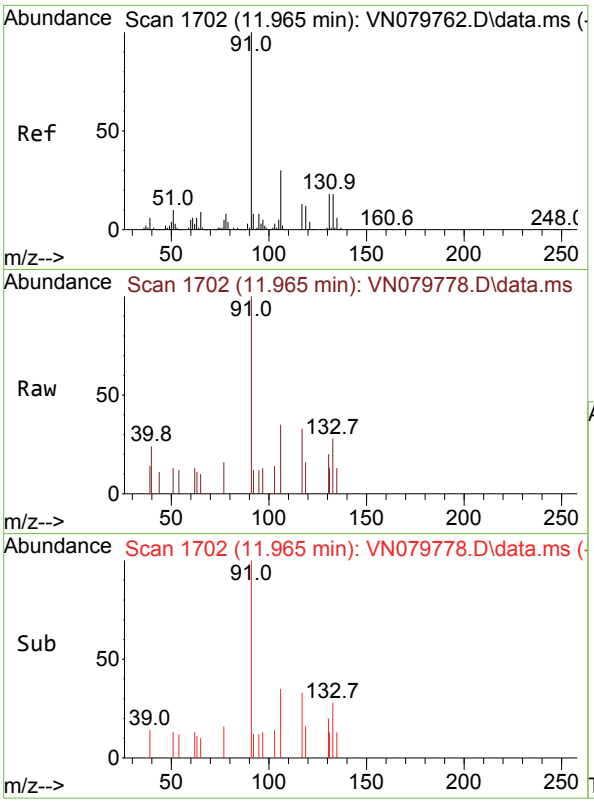




#66
1,1,1,2-Tetrachloroethane
Concen: 0.280 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion:131 Resp: 949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 70.6 | 46.4 | 139.1 |
| 119 | 0.0 | 34.1 | 102.2# |



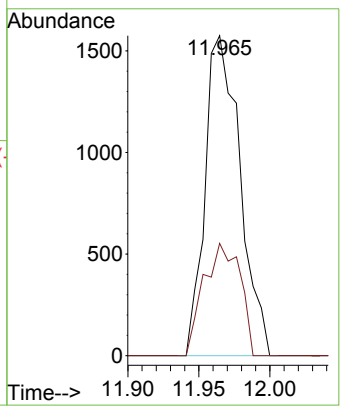


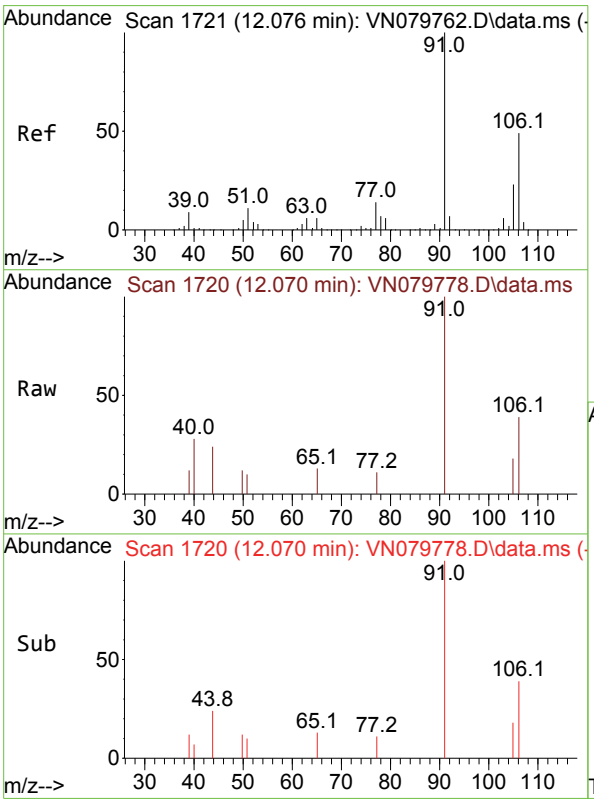

#67
Ethyl Benzene
Concen: 0.164 ug/l
RT: 11.965 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 91 Resp: 2695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 35.1 | 25.6 | 38.4 |

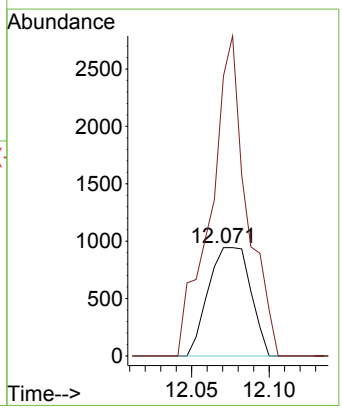


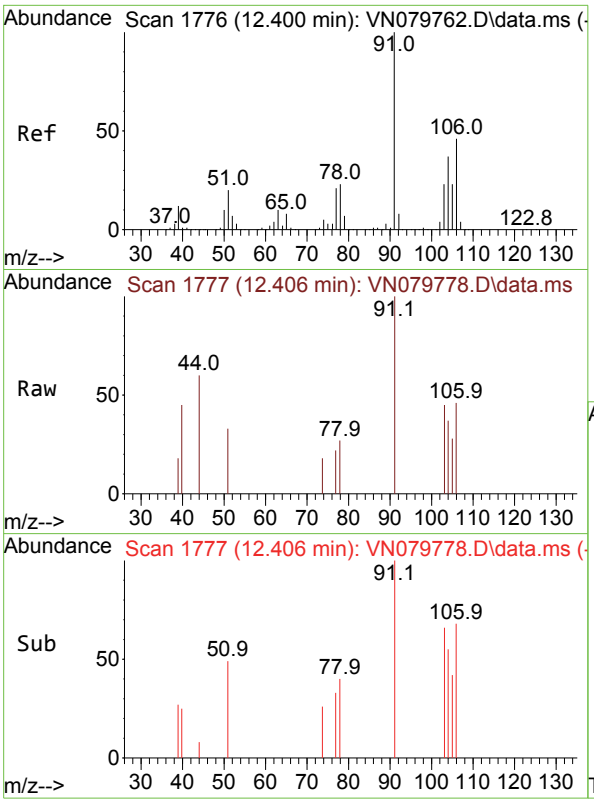




#68
m/p-Xylenes
Concen: 0.292 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion:106 Resp: 1786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 251.5 | 159.6 | 239.4# |



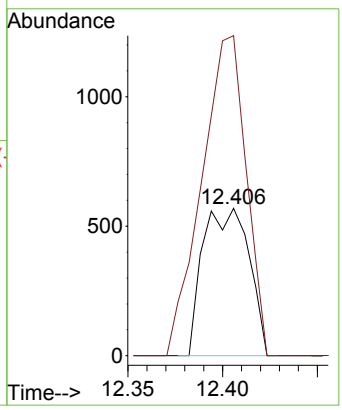


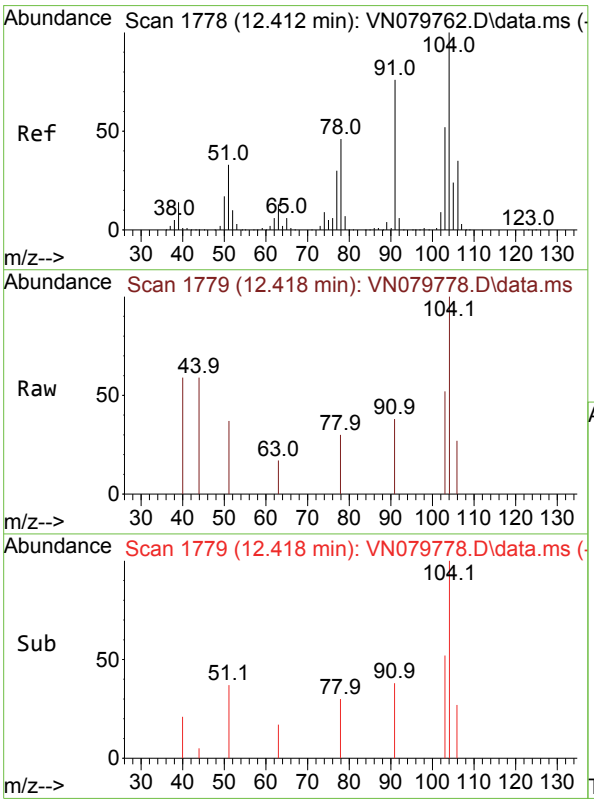

#69
o-Xylene
Concen: 0.164 ug/l
RT: 12.406 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:106 Resp: 966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 209.0 | 105.2 | 315.5 |

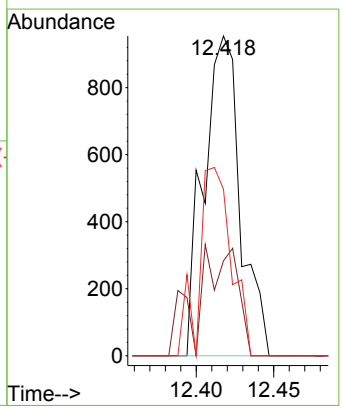


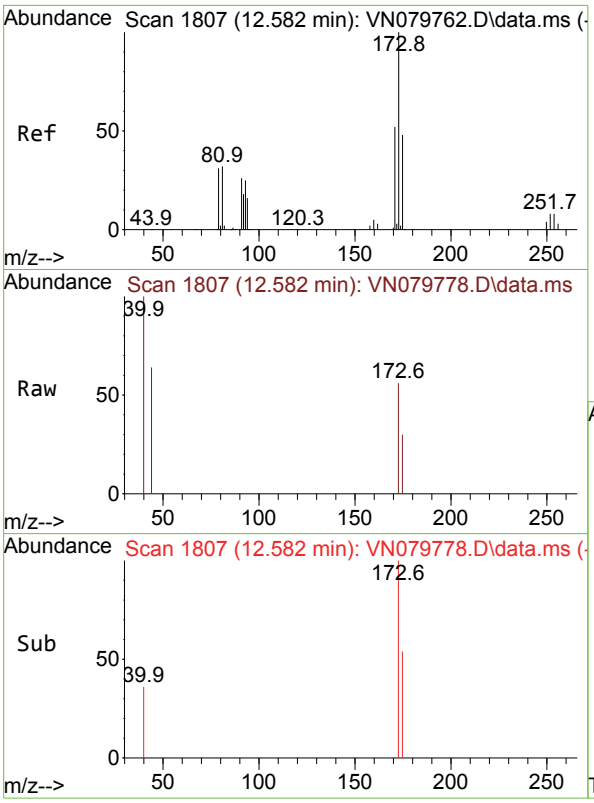




#70
Styrene
Concen: 0.166 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion:104 Resp: 1568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 29.1 | 39.5 | 59.3# |
| 103 | 51.6 | 43.2 | 64.8 |



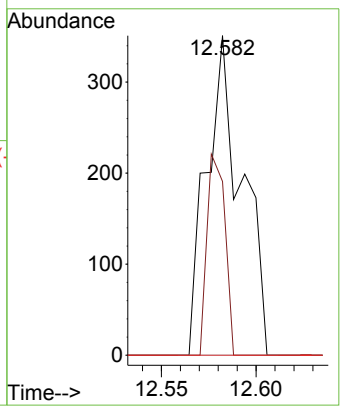


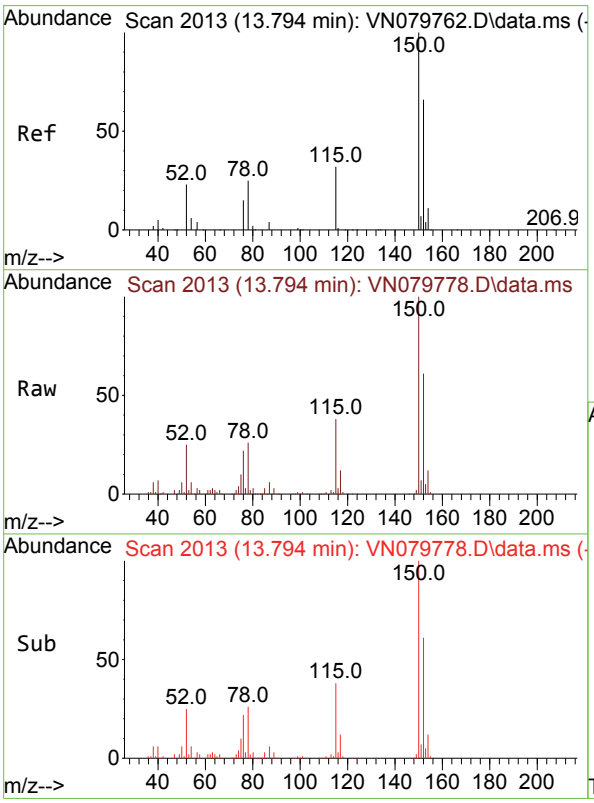

#71
Bromoform
Concen: 0.190 ug/l
RT: 12.582 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:173 Resp: 457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 0.0 | 24.3 | 73.0# |
| 254 | 0.0 | 0.0 | 0.0 |

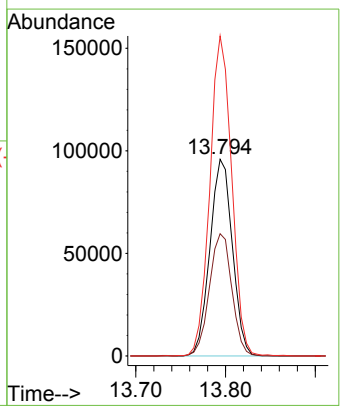


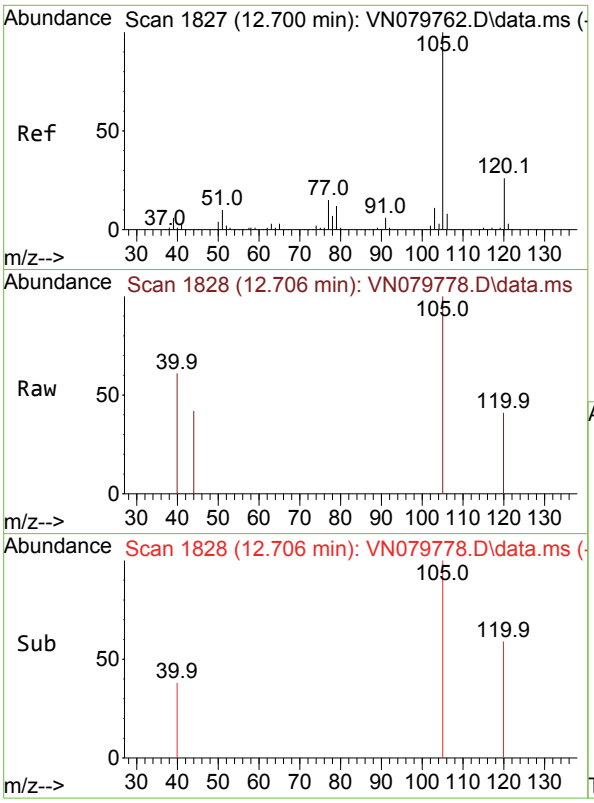




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion:152 Resp: 166777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 62.1 | 32.3 | 96.8 |
| 150 | 158.4 | 0.0 | 355.8 |



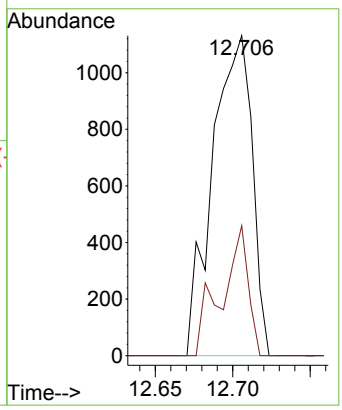


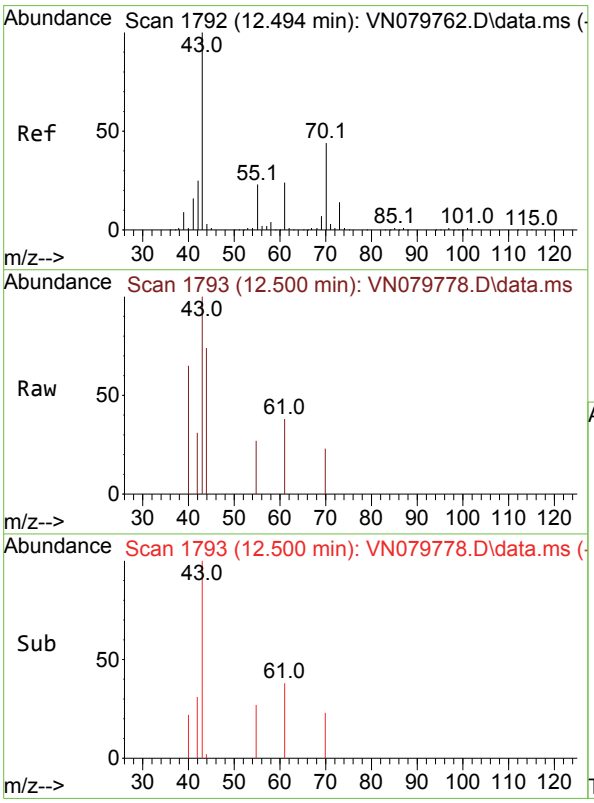

#73
Isopropylbenzene
Concen: 0.159 ug/l
RT: 12.706 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:105 Resp: 2013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 27.3 | 13.1 | 39.1 |

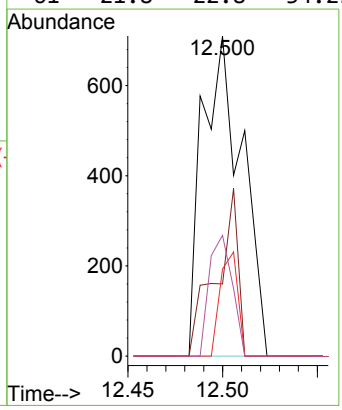


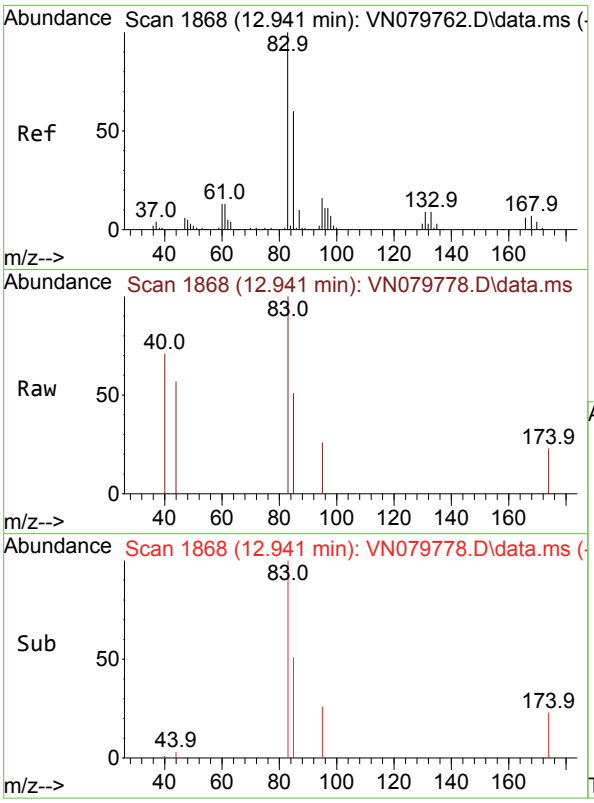




#74
N-amyl acetate
Concen: 0.187 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion: 43 Resp: 1035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 29.0 | 43.4 | 65.2# |
| 55 | 14.5 | 21.4 | 32.0# |
| 61 | 21.8 | 22.8 | 34.2# |



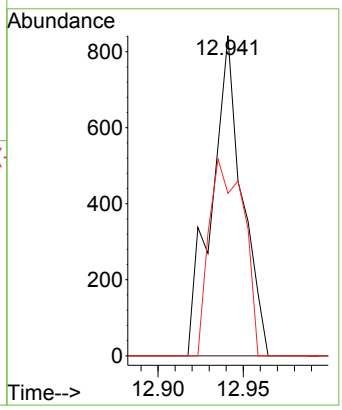


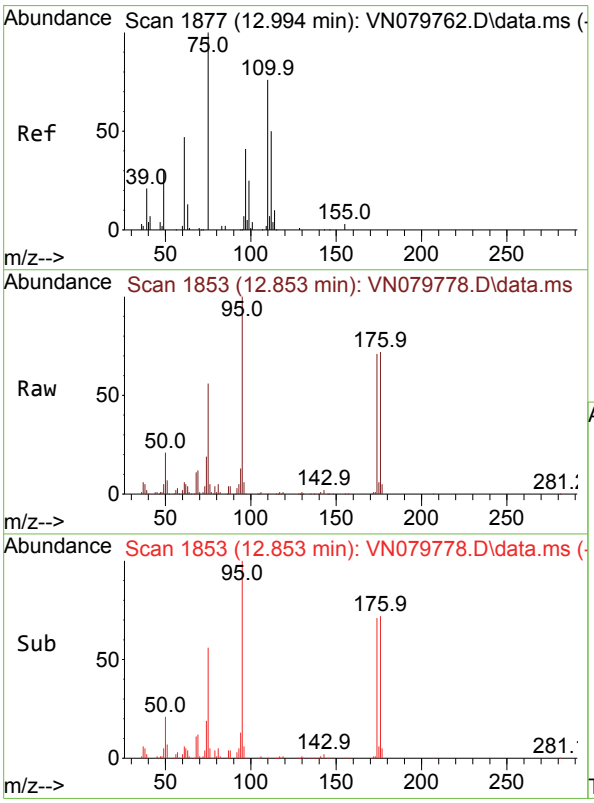

#75
1,1,2,2-Tetrachloroethane
Concen: 0.234 ug/l
RT: 12.941 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 83 Resp: 1050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 0.0 | 5.0 | 15.0# |
| 85 | 69.2 | 31.9 | 95.7 |

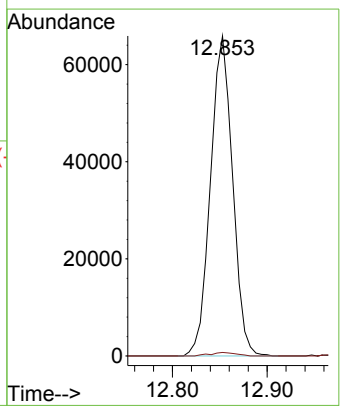


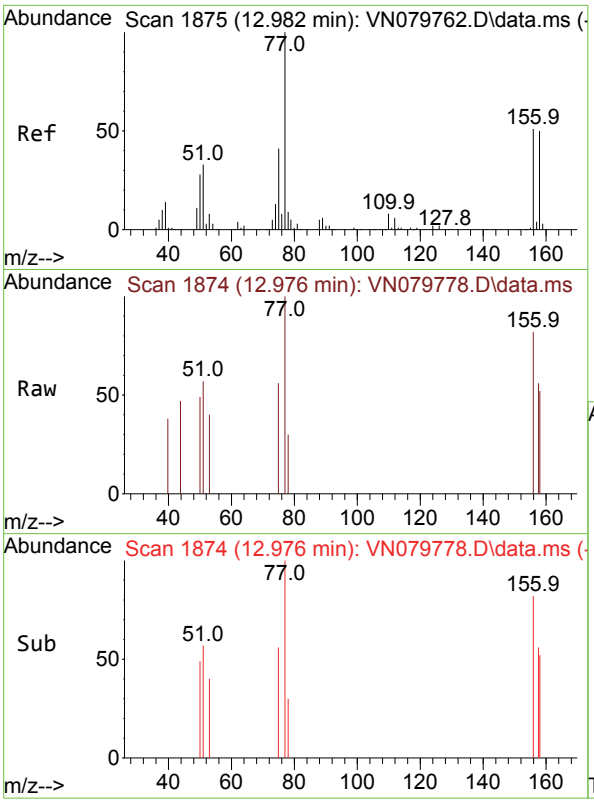




#76
1,2,3-Trichloropropane
Concen: 27.351 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion: 75 Resp: 107091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.3 | 84.5 | 253.5# |



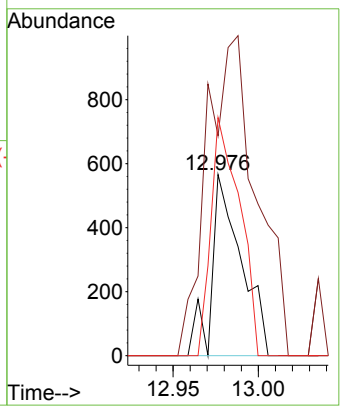


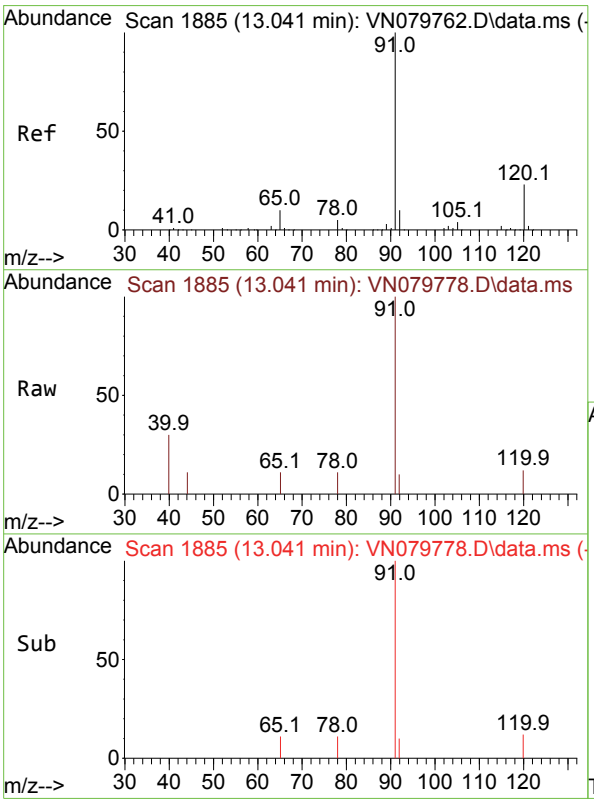

#77
Bromobenzene
Concen: 0.221 ug/l
RT: 12.976 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:156 Resp: 684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 295.5 | 107.7 | 323.3 |
| 158 | 128.2 | 48.4 | 145.3 |

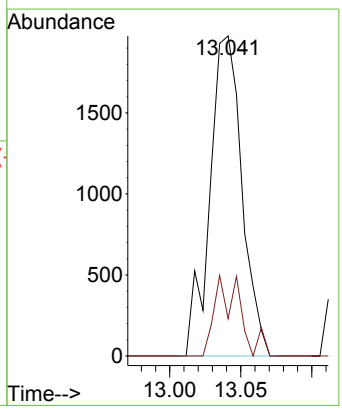


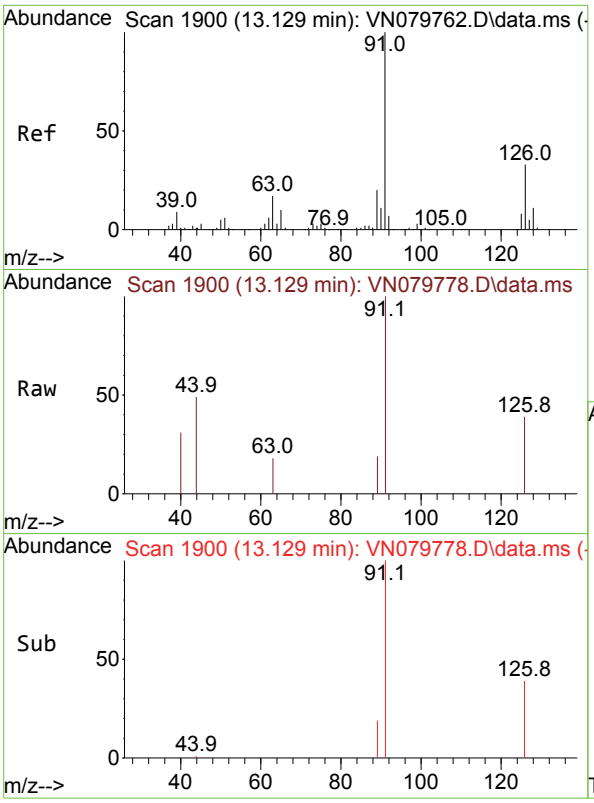




#78
n-propylbenzene
Concen: 0.215 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion: 91 Resp: 3114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 17.8 | 11.5 | 34.4 |



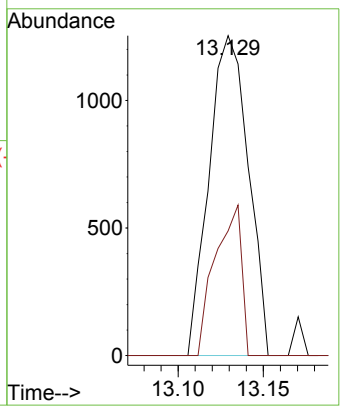


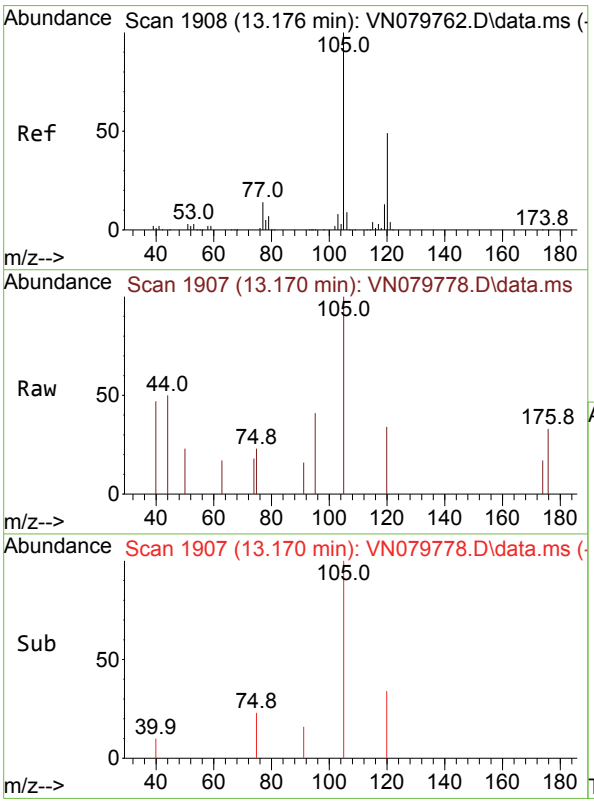

#79
2-Chlorotoluene
Concen: 0.218 ug/l
RT: 13.129 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 91 Resp: 2015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 31.6 | 16.3 | 48.8 |

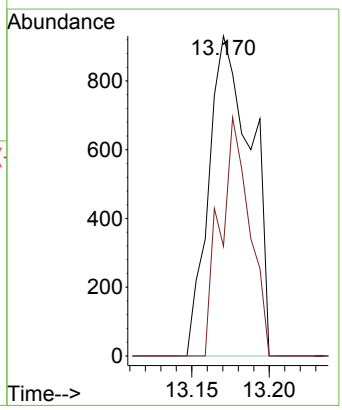


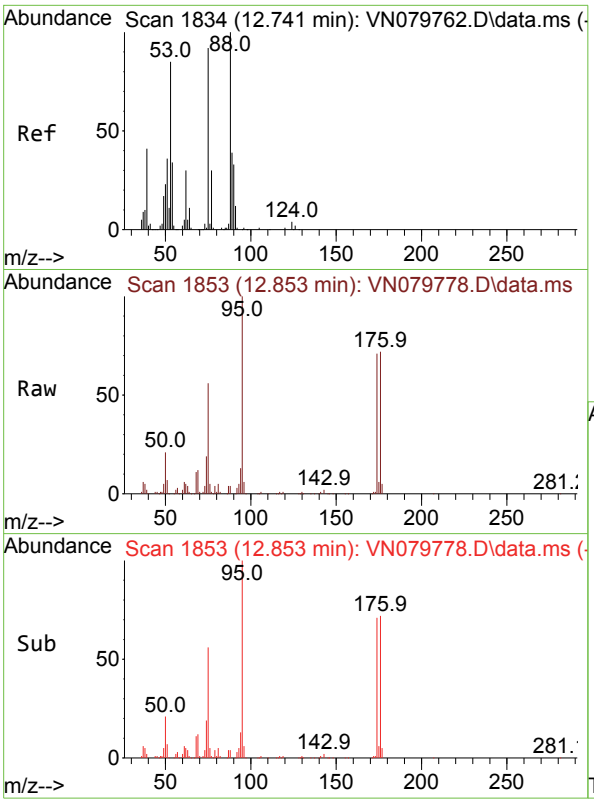




#80
1,3,5-Trimethylbenzene
Concen: 0.179 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion:105 Resp: 1766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 51.6 | 24.1 | 72.3 |



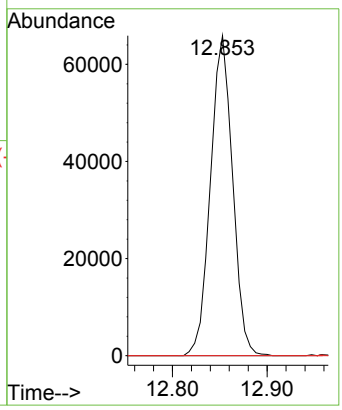


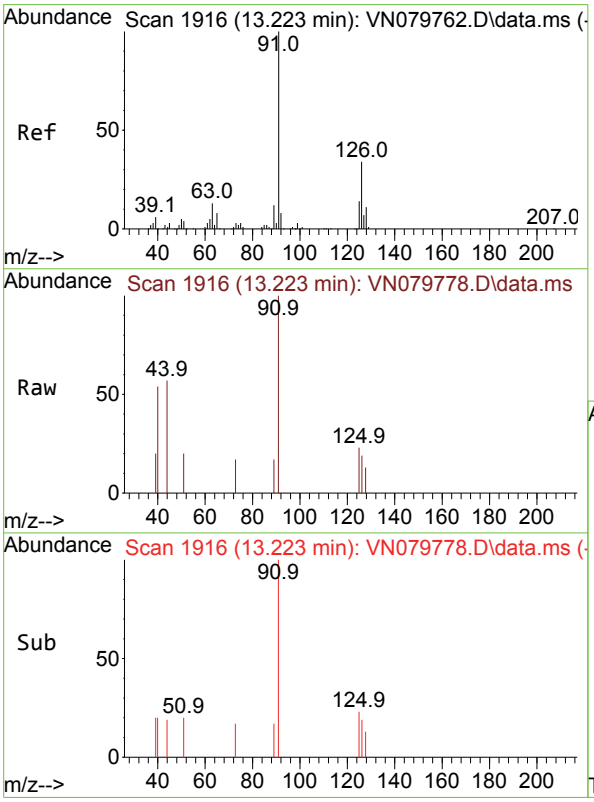

#81
trans-1,4-Dichloro-2-butene
Concen: 74.416 ug/l
RT: 12.853 min Scan# 1
Delta R.T. 0.118 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 75 Resp: 107091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 67.4 | 101.2# |
| 89 | 0.0 | 38.8 | 58.2# |

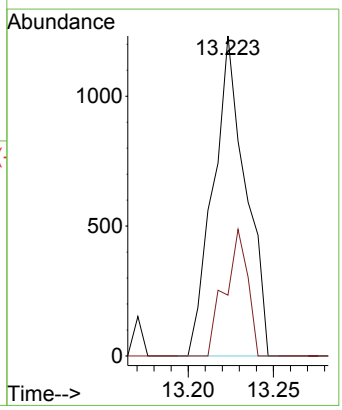


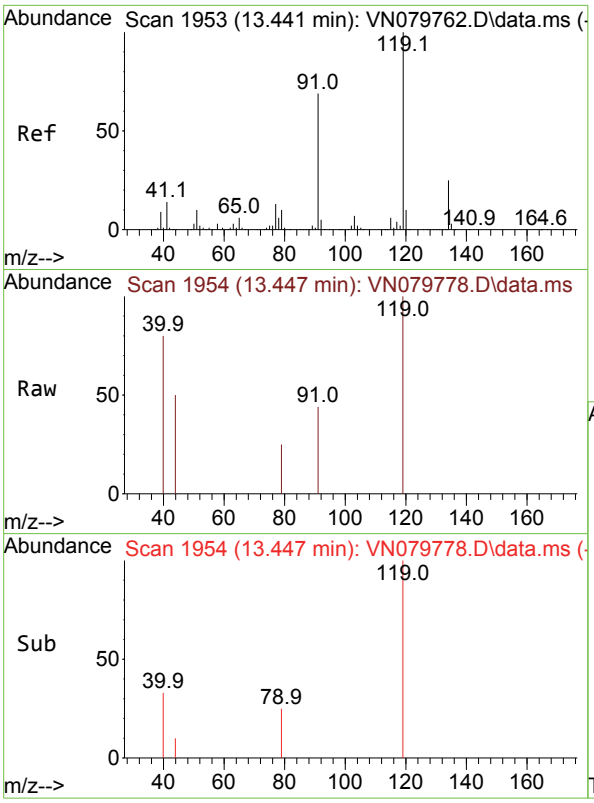




#82
4-Chlorotoluene
Concen: 0.177 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion: 91 Resp: 1625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 27.8 | 16.7 | 50.0 |



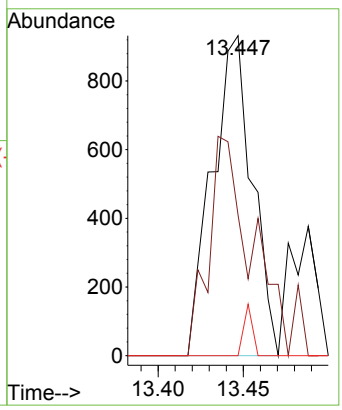


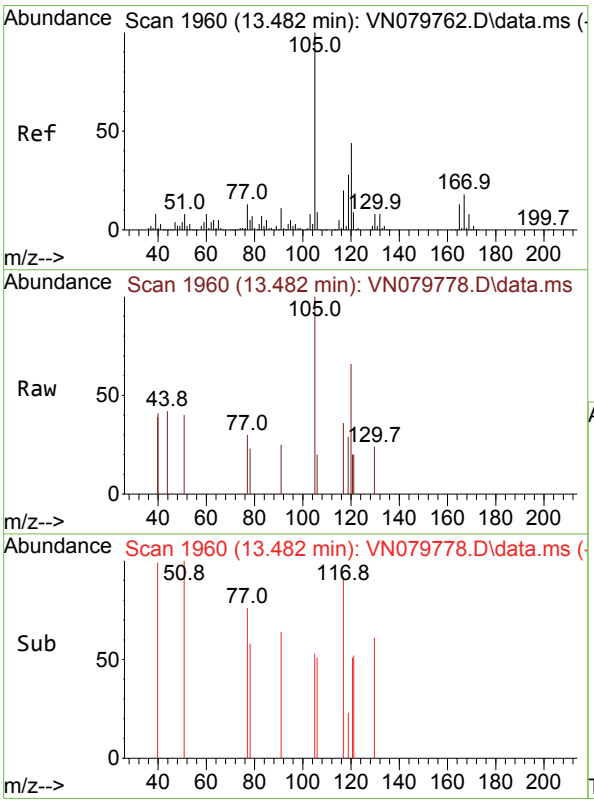

#83
tert-Butylbenzene
Concen: 0.189 ug/l
RT: 13.447 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:119 Resp: 1523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 77.7 | 33.9 | 101.7 |
| 134 | 3.5 | 13.2 | 39.6# |

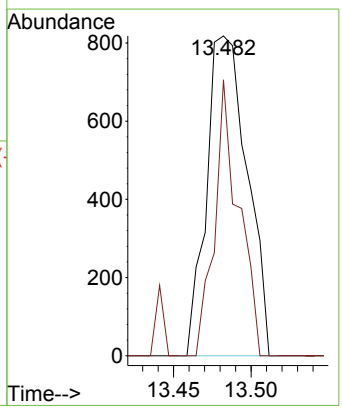


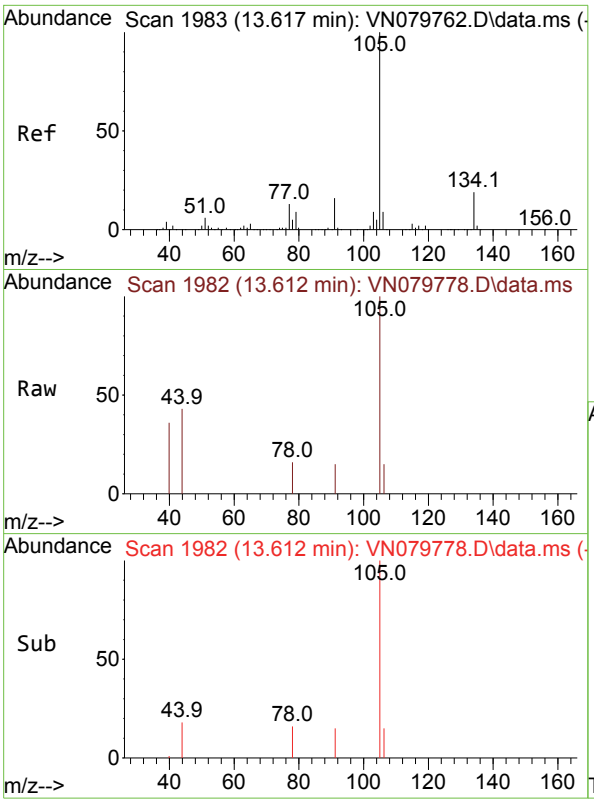




#84
1,2,4-Trimethylbenzene
Concen: 0.154 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion:105 Resp: 1489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 51.1 | 22.0 | 66.0 |



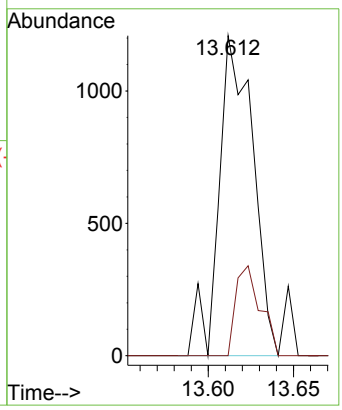


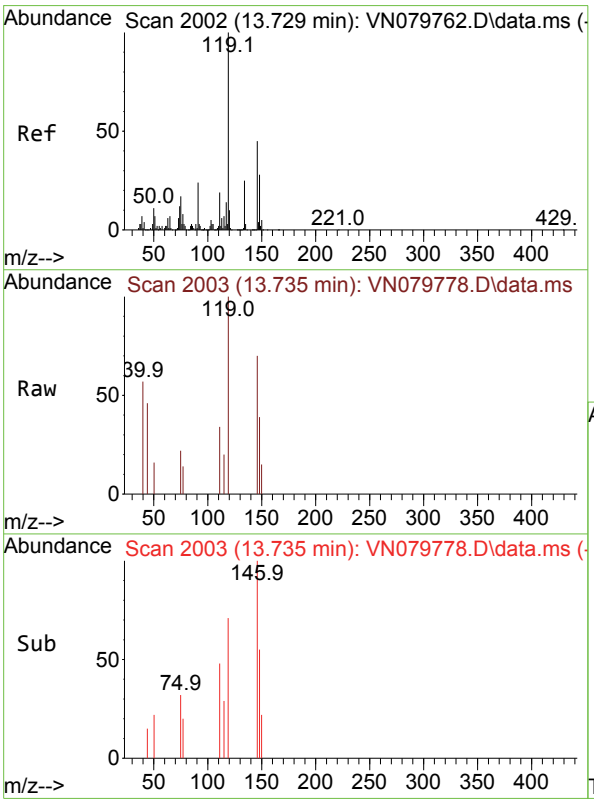

#85
sec-Butylbenzene
Concen: 0.151 ug/l
RT: 13.612 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:105 Resp: 1687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.3 | 9.8 | 29.3 |

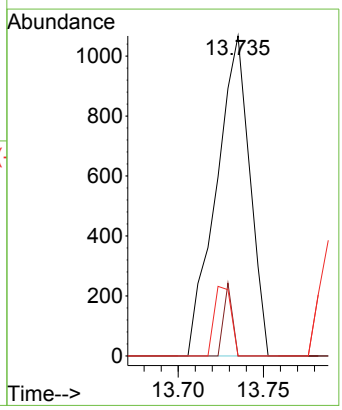


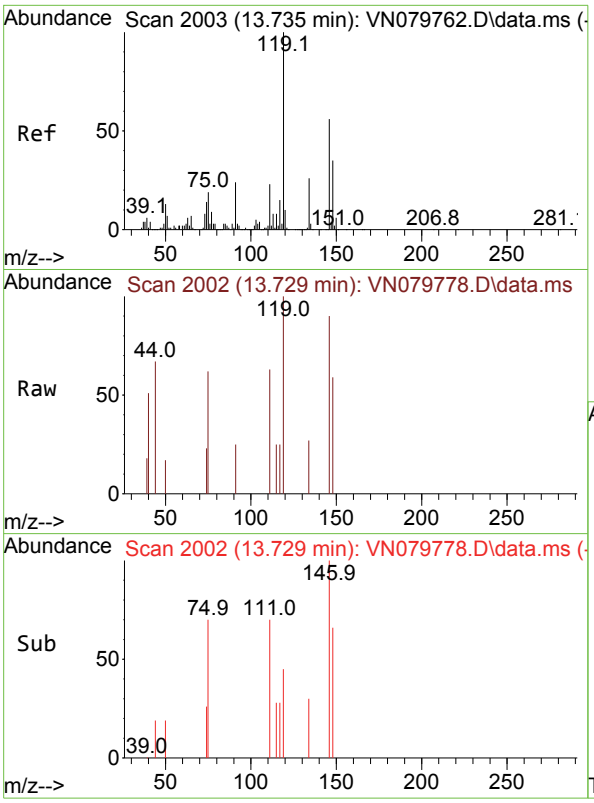




#86
p-Isopropyltoluene
Concen: 0.160 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion:119 Resp: 1459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 5.9 | 12.6 | 37.8# |
| 91 | 11.0 | 12.4 | 37.2# |



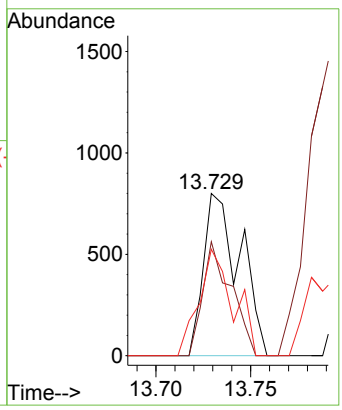


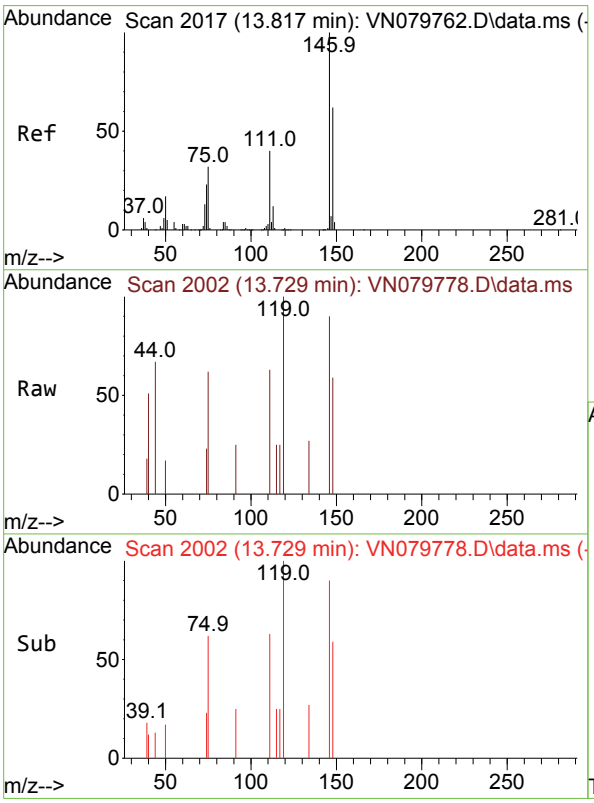

#87
1,3-Dichlorobenzene
Concen: 0.186 ug/l
RT: 13.729 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:146 Resp: 1074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 54.3 | 22.1 | 66.3 |
| 148 | 61.2 | 32.0 | 96.0 |

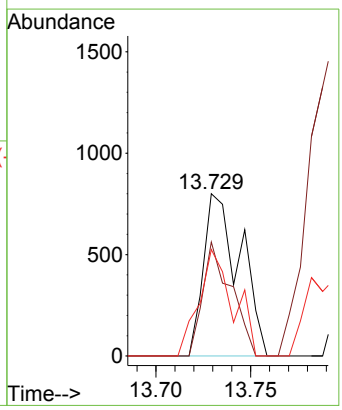


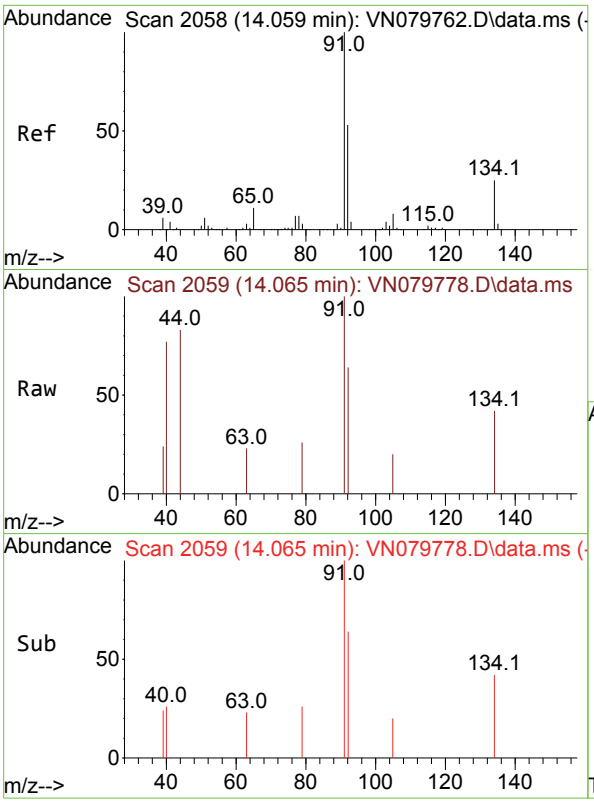




#88
1,4-Dichlorobenzene
Concen: 0.184 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.088 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion:146 Resp: 1074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 54.3 | 20.6 | 61.8 |
| 148 | 61.2 | 31.6 | 94.8 |



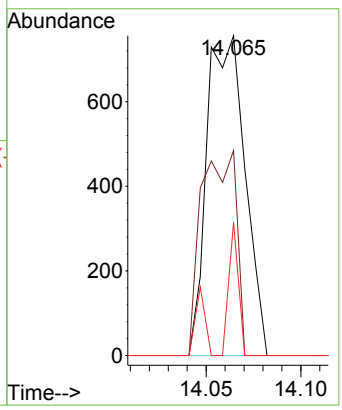


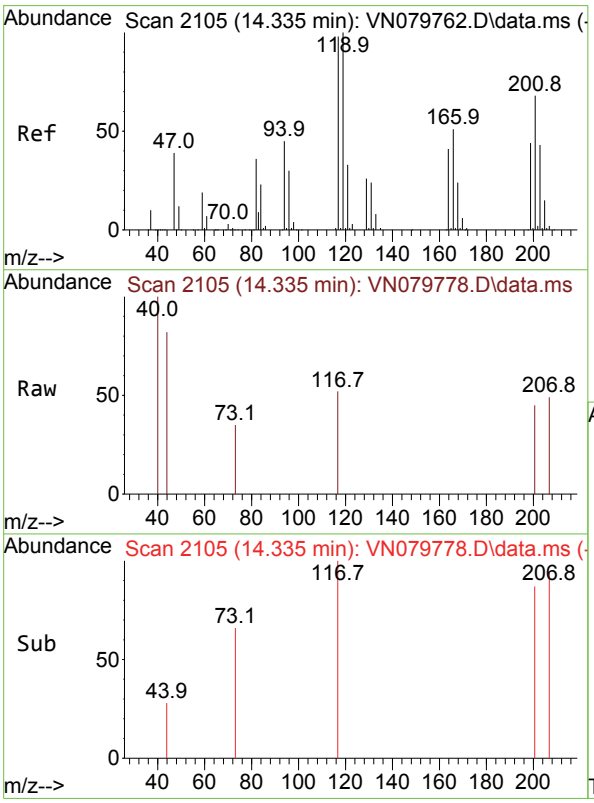

#89
n-Butylbenzene
Concen: 0.135 ug/l
RT: 14.065 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 91 Resp: 1059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 58.4 | 26.4 | 79.0 |
| 134 | 10.5 | 12.6 | 37.6# |

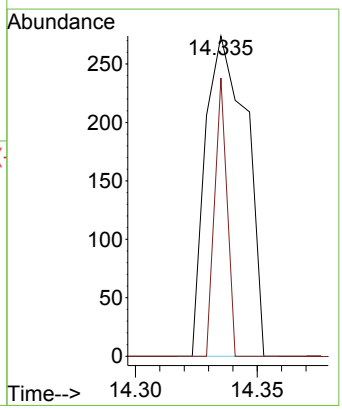


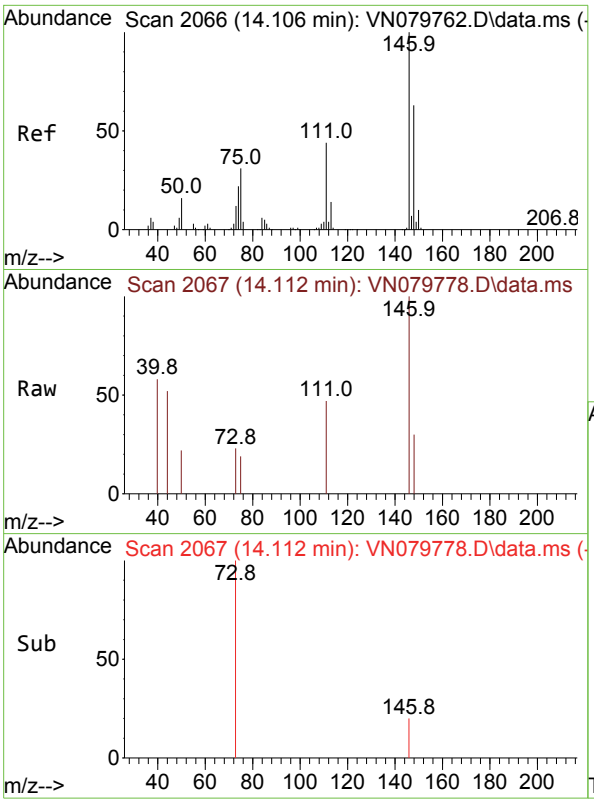




#90
Hexachloroethane
Concen: 0.177 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion:117 Resp: 320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 26.3 | 29.3 | 88.0# |



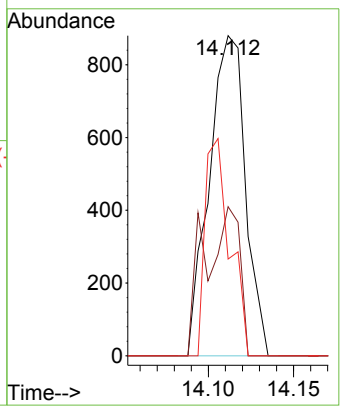


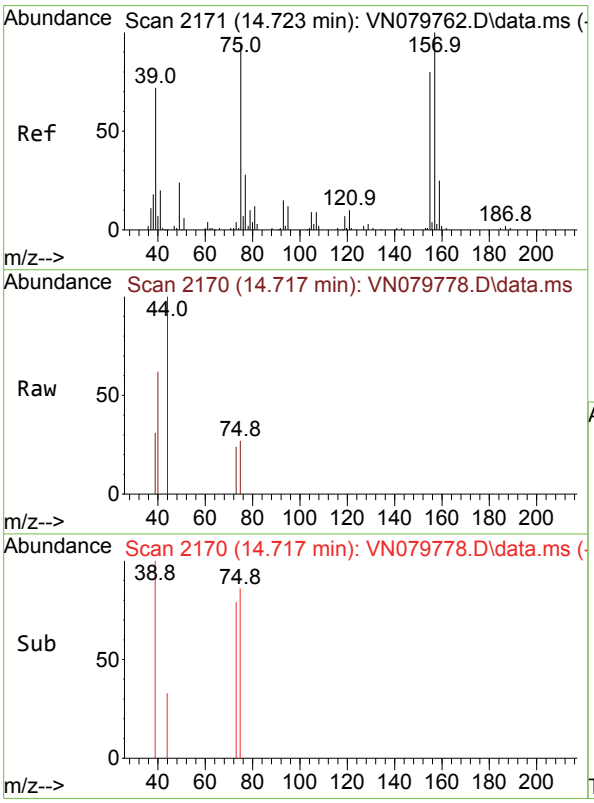

#91
1,2-Dichlorobenzene
Concen: 0.239 ug/l
RT: 14.112 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:146 Resp: 1302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 44.9 | 22.0 | 66.0 |
| 148 | 46.2 | 31.8 | 95.3 |

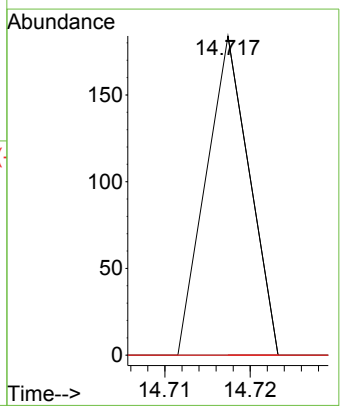


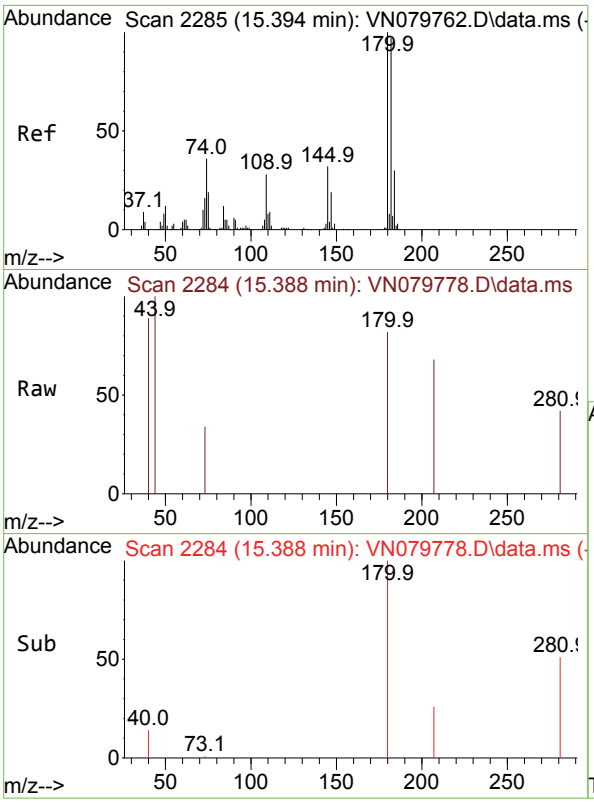




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.085 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion: 75 Resp: 65

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 0.0 | 39.1 | 117.2# |
| 157 | 0.0 | 50.3 | 150.9# |



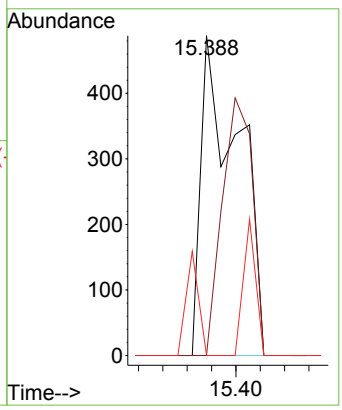


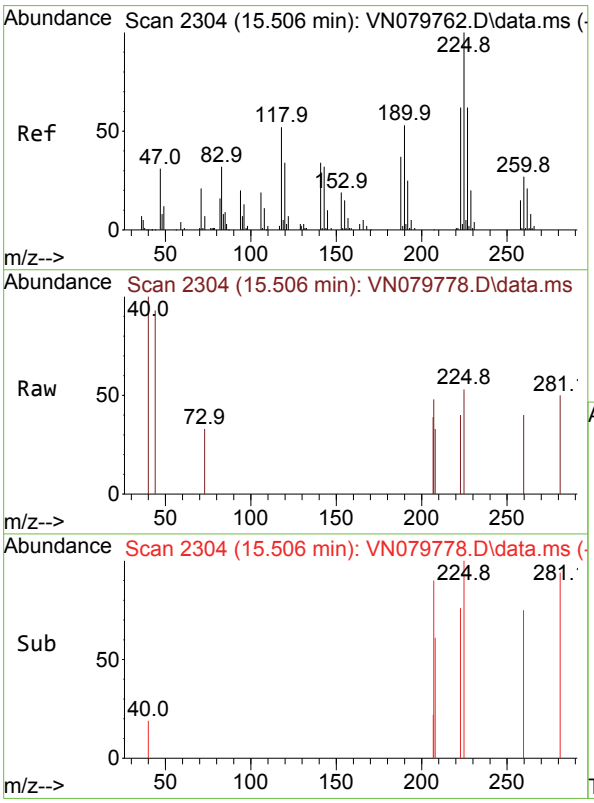

#93
1,2,4-Trichlorobenzene
Concen: 0.200 ug/l
RT: 15.388 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:180 Resp: 517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 0.0 | 46.1 | 138.2# |
| 145 | 10.8 | 16.6 | 49.8# |

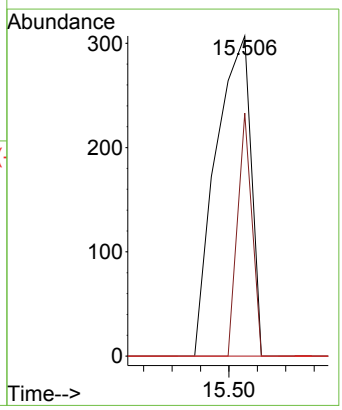


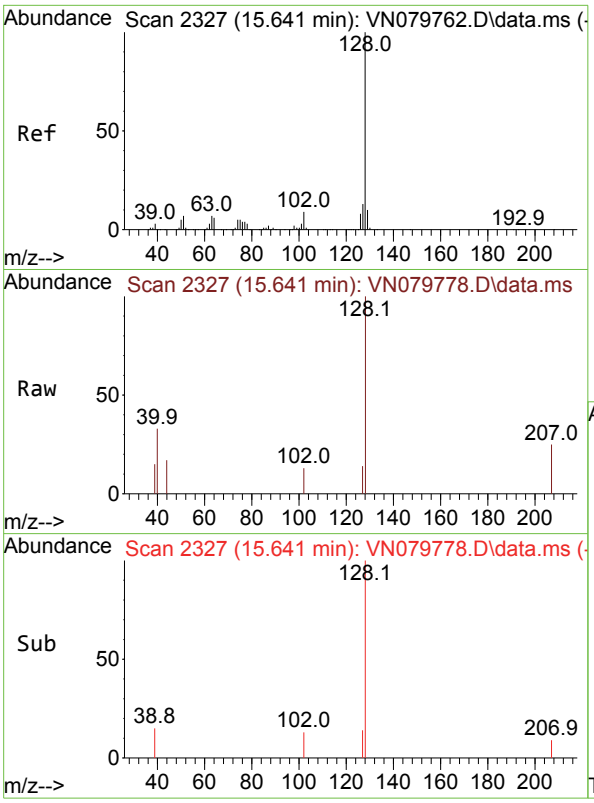




#94
Hexachlorobutadiene
Concen: 0.223 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion:225 Resp: 262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 31.3 | 31.3 | 93.8 |
| 227 | 0.0 | 31.9 | 95.9# |



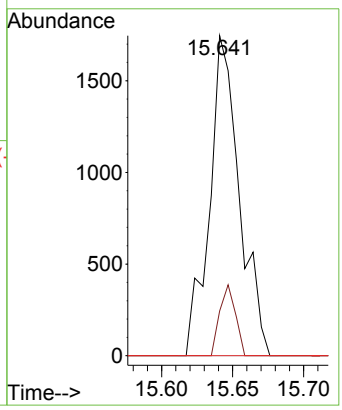


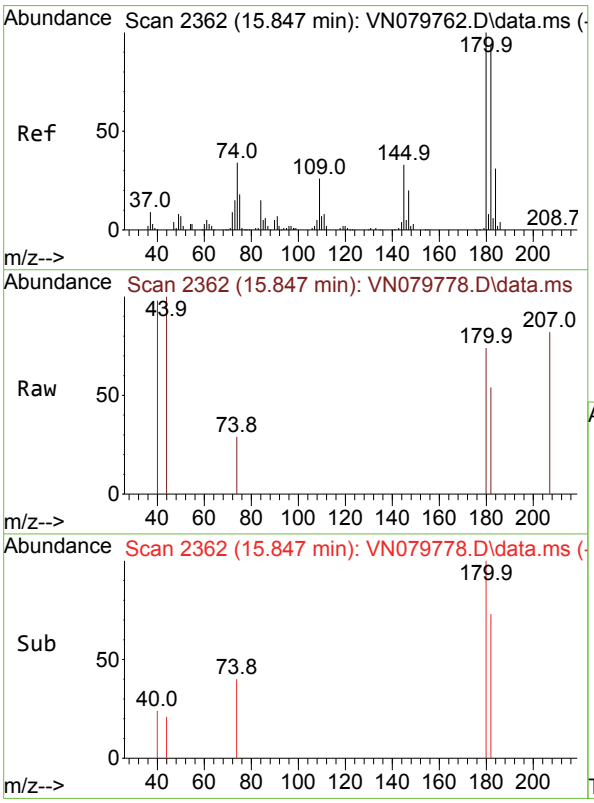

#95
Naphthalene
Concen: 0.291 ug/l
RT: 15.641 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

**Instrument :**
MSVOA_N
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:128 Resp: 2556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 11.6 | 10.0 | 15.0 |
| 129 | 0.0 | 8.7 | 13.1# |




#96
1,2,3-Trichlorobenzene
Concen: 0.217 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN079778.D
Acq: 01 Nov 2023 17:55

Tgt Ion:180 Resp: 550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 54.4 | 46.2 | 138.6 |
| 145 | 0.0 | 17.5 | 52.6# |