Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093022\
Data File : VX031819.D
Acq On : 30 Sep 2022 18:16
Operator : JC/MD
Sample : N3980-07 2.5PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Quant Time: Oct 03 01:14:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X093022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Oct 03 00:56:55 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) Bromochloromethane | 4.904 | 128 | 19351 | 30.000 | ug/l | | 0.00 |
| 28) 1,4-Difluorobenzene | 6.763 | 114 | 104261 | 30.000 | ug/l | | 0.00 |
| 57) Chlorobenzene-d5 | 10.055 | 117 | 95276 | 30.000 | ug/l | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 27) 1,2-Dichloroethane-d4 | 5.958 | 65 | 47380 | 32.531 | ug/l | | 0.00 |
| Spiked Amount 30.000 | Range 91 - 110 | | Recovery = 108.433% | | | | |
| 60) 4-Bromofluorobenzene | 11.079 | 95 | 51485 | 29.197 | ug/l | | 0.00 |
| Spiked Amount 30.000 | Range 63 - 112 | | Recovery = 97.333% | | | | |
| 63) Toluene-d8 | 8.647 | 98 | 149944 | 30.979 | ug/l | | 0.00 |
| Spiked Amount 30.000 | Range 91 - 112 | | Recovery = 103.267% | | | | |
| Target Compounds | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.166 | 85 | 2274 | 2.818 | ug/l | | 91 |
| 3) Chloromethane | 1.288 | 50 | 2599 | 3.074 | ug/l | | 97 |
| 4) Vinyl Chloride | 1.374 | 62 | 3240 | 2.857 | ug/l | | 97 |
| 5) Bromomethane | 1.611 | 94 | 3422 | 3.298 | ug/l | | 99 |
| 6) Chloroethane | 1.685 | 64 | 2935 | 2.935 | ug/l | # | 86 |
| 7) Trichlorofluoromethane | 1.886 | 101 | 6717 | 2.771 | ug/l | | 97 |
| 8) Diethyl Ether | 2.130 | 74 | 2125 | 2.587 | ug/l | | 81 |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 2998 | 2.606 | ug/l | | 97 |
| 10) 1,1-Dichloroethene | 2.319 | 96 | 2656 | 2.500 | ug/l | | 83 |
| 11) Methyl Iodide | 2.453 | 142 | 1970 | 1.694 | ug/l | | 93 |
| 12) Methyl Acetate | 2.703 | 43 | 3311 | 2.728 | ug/l | | 96 |
| 13) Acrolein | 2.239 | 56 | 1809 | 16.826 | ug/l | | 96 |
| 14) Acrylonitrile | 3.068 | 53 | 6865 | 13.325 | ug/l | | 95 |
| 15) Acetone | 2.386 | 58 | 2180 | 15.620 | ug/l | | 69 |
| 16) Carbon Disulfide | 2.514 | 76 | 5686 | 2.440 | ug/l | | 97 |
| 17) Allyl chloride | 2.660 | 41 | 2958 | 2.300 | ug/l | | 92 |
| 18) Methylene Chloride | 2.788 | 84 | 3943 | 3.243 | ug/l | | 96 |
| 19) trans-1,2-Dichloroethene | 3.093 | 96 | 3153 | 2.563 | ug/l | # | 85 |
| 20) Diisopropyl ether | 3.763 | 45 | 7606 | 2.574 | ug/l | # | 91 |
| 21) 1,1-Dichloroethane | 3.611 | 63 | 4787 | 2.483 | ug/l | | 94 |
| 22) cis-1,2-Dichloroethene | 4.483 | 96 | 1821 | 1.225 | ug/l | # | 14 |
| 23) tert-Butyl Alcohol | 2.995 | 59 | 2269 | 11.815 | ug/l | # | 100 |
| 24) Methyl tert-Butyl Ether | 3.111 | 73 | 9157 | 2.508 | ug/l | | 97 |
| 25) Chloroform | 5.093 | 83 | 6196 | 2.617 | ug/l | | 98 |
| 26) Cyclohexane | 5.464 | 56 | 4044 | 2.543 | ug/l | # | 96 |
| 29) 1,1-Dichloropropene | 5.696 | 75 | 3947 | 2.442 | ug/l | | 96 |
| 30) 2-Butanone | 4.568 | 43 | 8761 | 13.317 | ug/l | # | 90 |
| 31) 2,2-Dichloropropane | 4.471 | 77 | 1931 | 1.193 | ug/l | # | 77 |
| 32) 1,1,1-Trichloroethane | 5.391 | 97 | 2854 | 1.334 | ug/l | # | 81 |
| 33) Carbon Tetrachloride | 5.684 | 117 | 4440 | 2.264 | ug/l | | 98 |
| 34) Benzene | 6.037 | 78 | 11984 | 2.506 | ug/l | # | 92 |
| 35) Methacrylonitrile | 4.910 | 41 | 559 | 0.813 | ug/l | | 79 |
| 36) 1,2-Dichloroethane | 6.092 | 62 | 4789 | 2.842 | ug/l | # | 92 |
| 37) Trichloroethene | 7.129 | 130 | 3644 | 2.335 | ug/l | | 92 |
| 38) Methylcyclohexane | 7.379 | 83 | 4461 | 2.255 | ug/l | | 89 |
| 39) 1,2-Dichloropropane | 7.427 | 63 | 2767 | 2.531 | ug/l | # | 88 |
| 40) Dibromomethane | 7.586 | 93 | 2407 | 2.517 | ug/l | | 97 |
| 41) Bromodichloromethane | 7.830 | 83 | 3927 | 2.265 | ug/l | | 94 |
| 42) Vinyl Acetate | 3.727 | 43 | 26368 | 11.115 | ug/l | | 98 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093022\
Data File : VX031819.D
Acq On : 30 Sep 2022 18:16
Operator : JC/MD
Sample : N3980-07 2.5PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Quant Time: Oct 03 01:14:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X093022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Oct 03 00:56:55 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 43) Ethyl Acetate | 4.733 | 43 | 3494 | 2.643 | ug/l | # | 78 |
| 44) Isopropyl Acetate | 6.348 | 43 | 5042 | 2.400 | ug/l | # | 87 |
| 45) 1,4-Dioxane | 7.702 | 88 | 1427 | 47.465 | ug/l | # | 76 |
| 46) Methyl methacrylate | 7.696 | 41 | 2428 | 2.476 | ug/l | | 74 |
| 47) n-amyl Acetate | 10.848 | 43 | 3292 | 1.824 | ug/l | | 92 |
| 48) t-1,3-Dichloropropene | 8.982 | 75 | 3228 | 1.888 | ug/l | | 95 |
| 49) cis-1,3-Dichloropropene | 8.366 | 75 | 3780 | 2.016 | ug/l | | 98 |
| 50) 1,1,2-Trichloroethane | 9.153 | 97 | 3558 | 2.569 | ug/l | | 94 |
| 51) Ethyl methacrylate | 9.116 | 69 | 3657 | 2.037 | ug/l | | 94 |
| 52) 1,3-Dichloropropane | 9.311 | 76 | 5256 | 2.477 | ug/l | | 100 |
| 53) Dibromochloromethane | 9.519 | 129 | 2993 | 1.941 | ug/l | | 95 |
| 54) 1,2-Dibromoethane | 9.610 | 107 | 3580 | 2.334 | ug/l | | 98 |
| 55) 2-Chloroethyl vinyl ether | 8.244 | 63 | 10604 | 12.047 | ug/l | | 99 |
| 56) Bromoform | 10.805 | 173 | 1942 | 1.718 | ug/l | # | 94 |
| 58) 4-Methyl-2-Pentanone | 8.574 | 43 | 16324 | 12.744 | ug/l | | 96 |
| 59) 2-Hexanone | 9.433 | 43 | 11196 | 11.687 | ug/l | | 98 |
| 61) Tetrachloroethene | 9.275 | 164 | 3580 | 2.340 | ug/l | | 94 |
| 62) Toluene | 8.720 | 91 | 13804 | 2.531 | ug/l | | 99 |
| 64) Chlorobenzene | 10.079 | 112 | 8976 | 2.412 | ug/l | | 94 |
| 65) 1,1,1,2-Tetrachloroethane | 10.159 | 131 | 3199 | 2.267 | ug/l | | 99 |
| 66) Ethyl Benzene | 10.195 | 91 | 14533 | 2.364 | ug/l | | 99 |
| 67) m/p-Xylenes | 10.305 | 106 | 11462 | 4.477 | ug/l | | 96 |
| 68) o-Xylene | 10.640 | 106 | 5541 | 2.205 | ug/l | | 87 |
| 69) Styrene | 10.659 | 104 | 9048 | 2.216 | ug/l | | 99 |
| 70) Isopropylbenzene | 10.963 | 105 | 14512 | 2.222 | ug/l | | 96 |
| 71) 1,1,2,2-Tetrachloroethane | 11.213 | 83 | 4684 | 2.516 | ug/l | | 98 |
| 72) 1,2,3-Trichloropropane | 11.244 | 75 | 4391 | 2.720 | ug/l | | 95 |
| 73) Bromobenzene | 11.201 | 156 | 3811 | 2.175 | ug/l | | 91 |
| 74) n-propylbenzene | 11.305 | 91 | 15910 | 2.216 | ug/l | | 100 |
| 75) 2-Chlorotoluene | 11.366 | 91 | 10709 | 2.481 | ug/l | | 96 |
| 76) 1,3,5-Trimethylbenzene | 11.451 | 105 | 12156 | 2.208 | ug/l | | 99 |
| 77) t-1,4-Dichloro-2-butene | 11.018 | 75 | 597 | 1.277 | ug/l | | 70 |
| 78) 4-Chlorotoluene | 11.457 | 91 | 11585 | 2.354 | ug/l | | 100 |
| 79) tert-butylbenzene | 11.713 | 119 | 11829 | 2.137 | ug/l | | 93 |
| 80) 1,2,4-Trimethylbenzene | 11.750 | 105 | 12109 | 2.218 | ug/l | | 99 |
| 81) sec-Butylbenzene | 11.890 | 105 | 14522 | 2.143 | ug/l | | 98 |
| 82) p-Isopropyltoluene | 12.012 | 119 | 11948 | 2.006 | ug/l | | 98 |
| 83) 1,3-Dichlorobenzene | 11.969 | 146 | 7134 | 2.152 | ug/l | | 100 |
| 84) 1,4-Dichlorobenzene | 12.042 | 146 | 7404 | 2.178 | ug/l | | 97 |
| 85) n-Butylbenzene | 12.335 | 91 | 9504 | 2.069 | ug/l | | 96 |
| 86) Hexachloroethane | 12.536 | 117 | 1845 | 1.973 | ug/l | | 83 |
| 87) 1,2-Dichlorobenzene | 12.335 | 146 | 7406 | 2.239 | ug/l | | 98 |
| 88) 1,2-Dibromo-3-Chloropr... | 12.945 | 75 | 736 | 1.970 | ug/l | | 95 |
| 89) 1,2,4-Trichlorobenzene | 13.591 | 180 | 4188 | 1.957 | ug/l | | 94 |
| 90) Hexachlorobutadiene | 13.725 | 225 | 1757 | 2.044 | ug/l | | 98 |
| 91) Naphthalene | 13.774 | 128 | 12893 | 1.883 | ug/l | | 98 |
| 92) 1,2,3-Trichlorobenzene | 13.963 | 180 | 4311 | 2.034 | ug/l | | 95 |

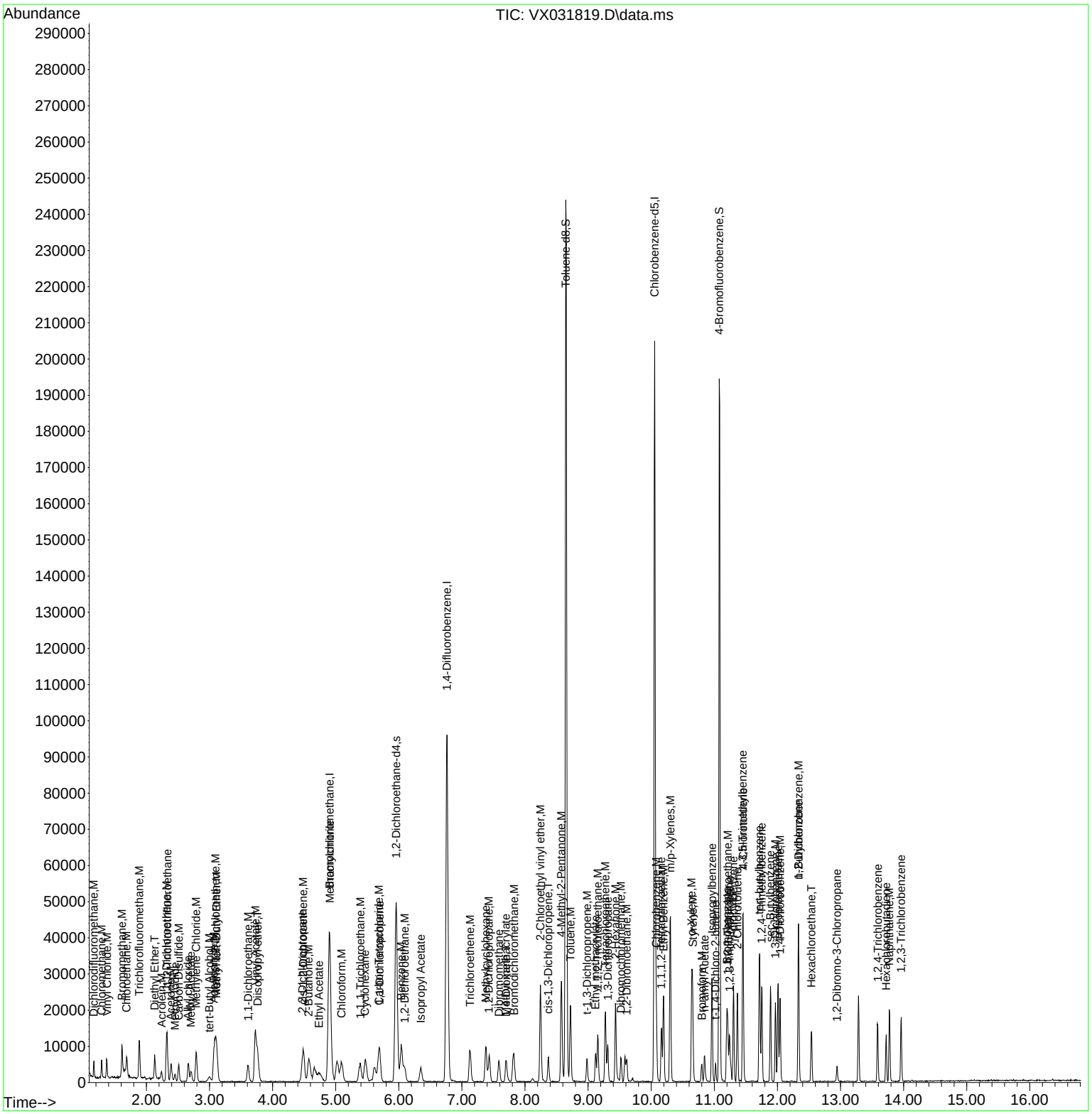
(#) = qualifier out of range (m) = manual integration (+) = signals summed

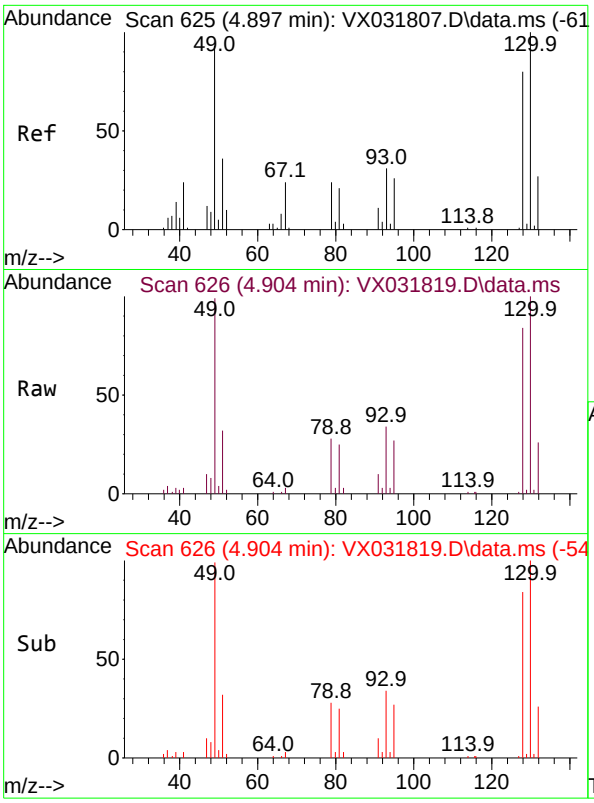
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093022\
Data File : VX031819.D
Acq On : 30 Sep 2022 18:16
Operator : JC/MD
Sample : N3980-07 2.5PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Quant Time: Oct 03 01:14:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X093022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Oct 03 00:56:55 2022
Response via : Initial Calibration



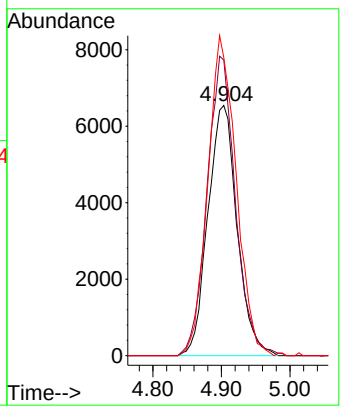


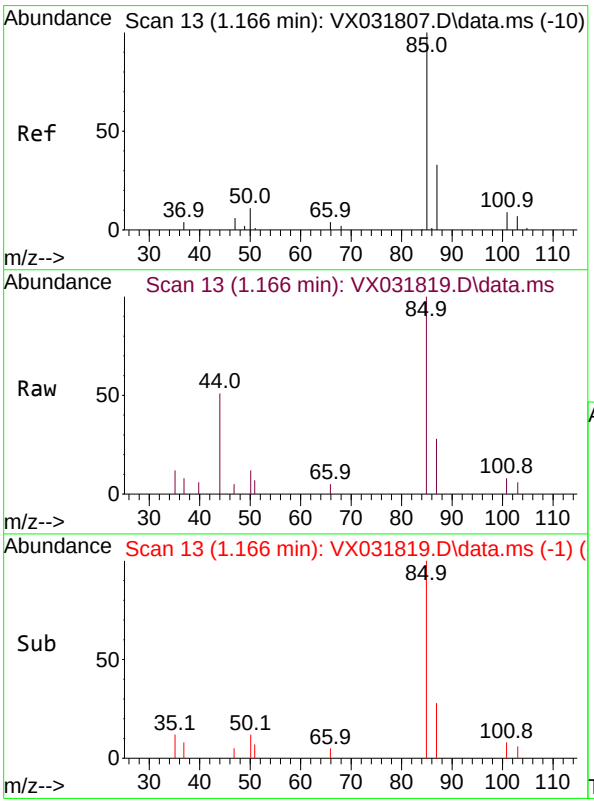

#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 6
Delta R.T. 0.007 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:128 Resp: 19351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 49 | 116.4 | 0.0 | 293.0 |
| 130 | 124.4 | 0.0 | 321.5 |

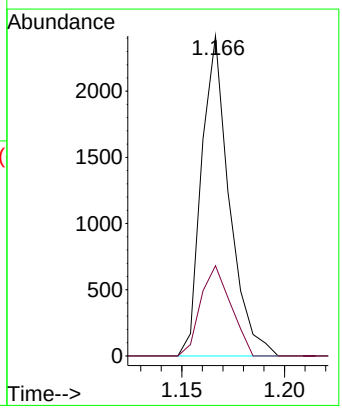


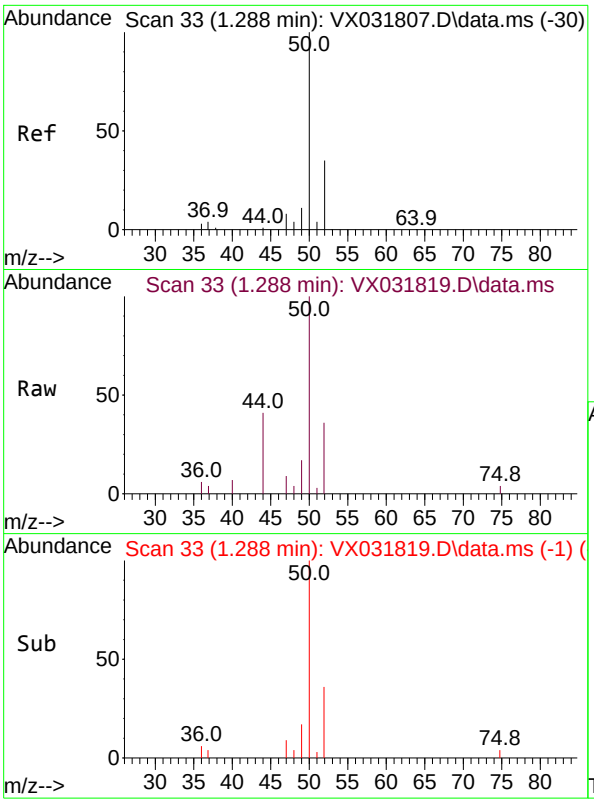




#2
Dichlorodifluoromethane
Concen: 2.818 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion: 85 Resp: 2274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 28.2 | 16.5 | 49.5 |



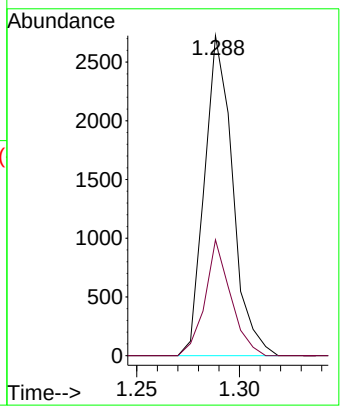


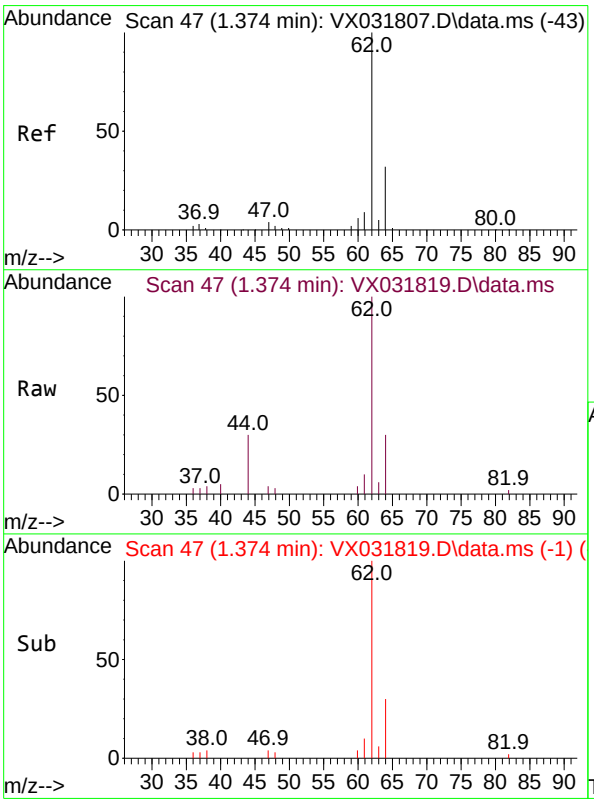

#3
Chloromethane
Concen: 3.074 ug/l
RT: 1.288 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 50 Resp: 2599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 36.2 | 27.6 | 41.4 |

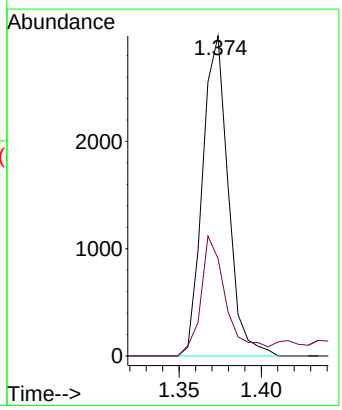


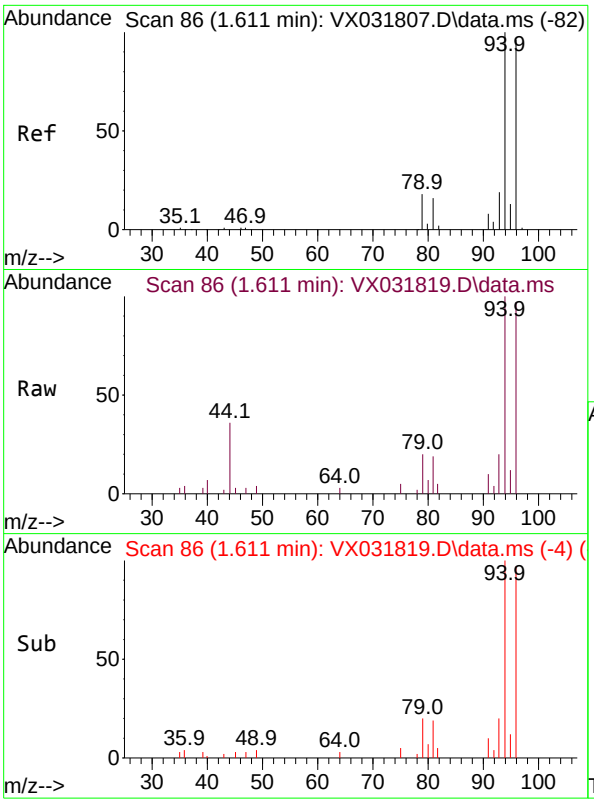




#4
Vinyl Chloride
Concen: 2.857 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion: 62 Resp: 3240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 30.5 | 25.7 | 38.5 |



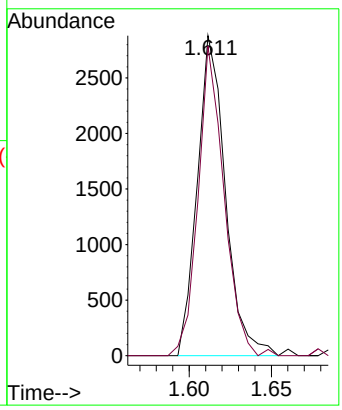


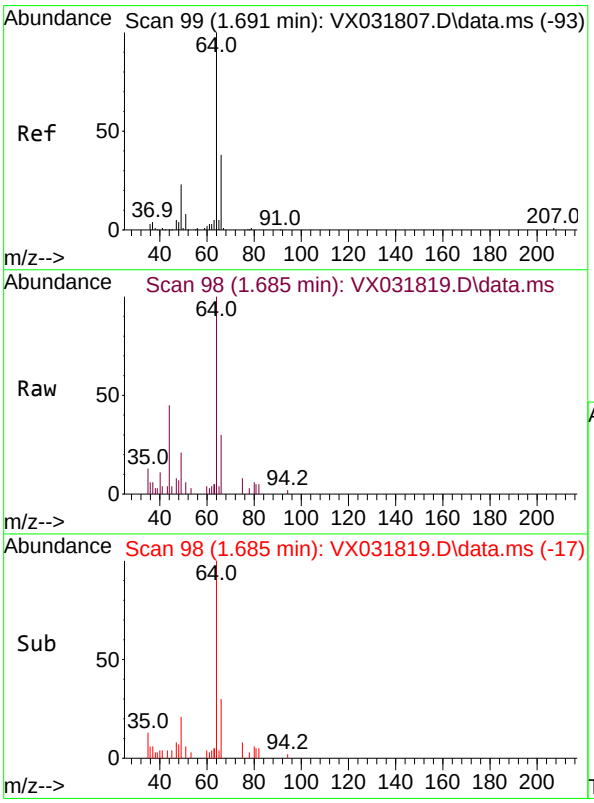

#5
Bromomethane
Concen: 3.298 ug/l
RT: 1.611 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 94 Resp: 3422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 96.7 | 76.8 | 115.2 |

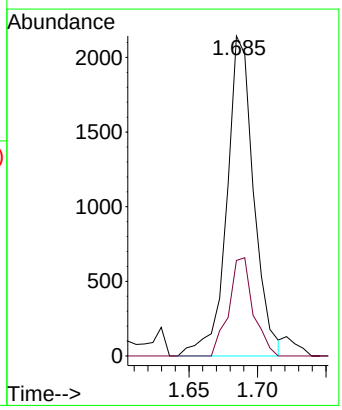


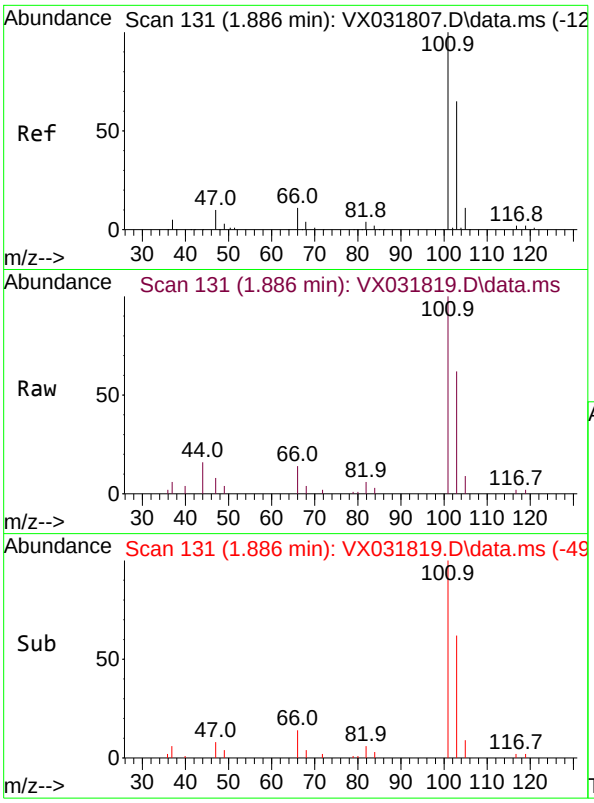




#6
Chloroethane
Concen: 2.935 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion: 64 Resp: 2935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 29.9 | 30.6 | 46.0# |



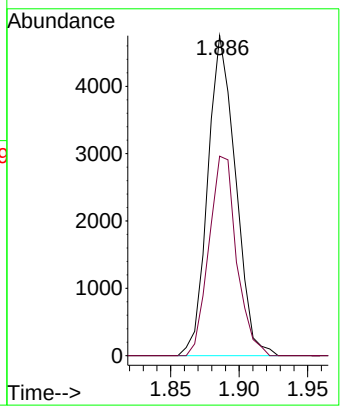


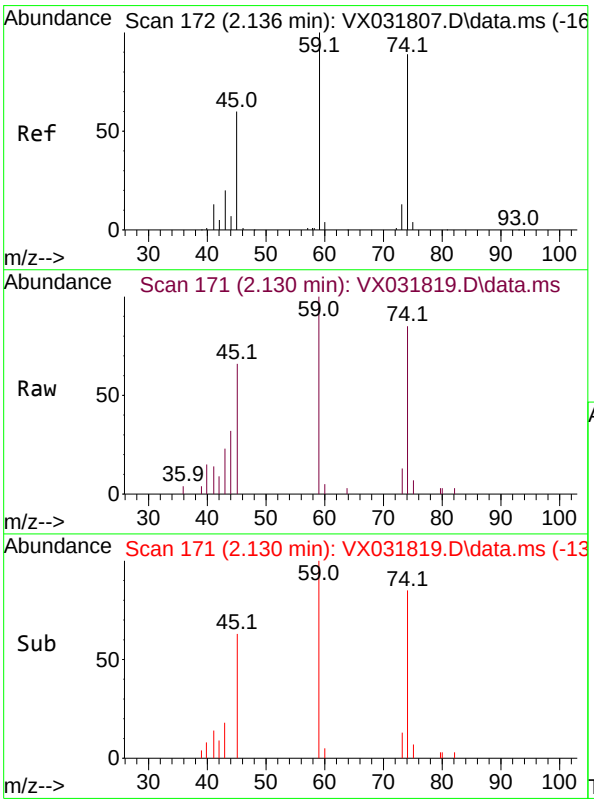

#7
Trichlorofluoromethane
Concen: 2.771 ug/l
RT: 1.886 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:101 Resp: 6717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 62.3 | 51.7 | 77.5 |

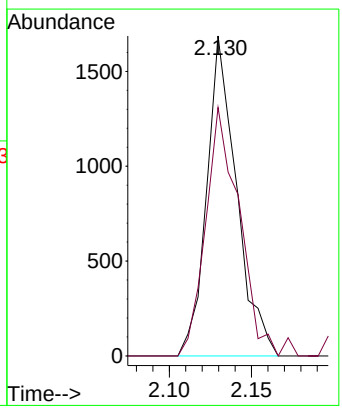


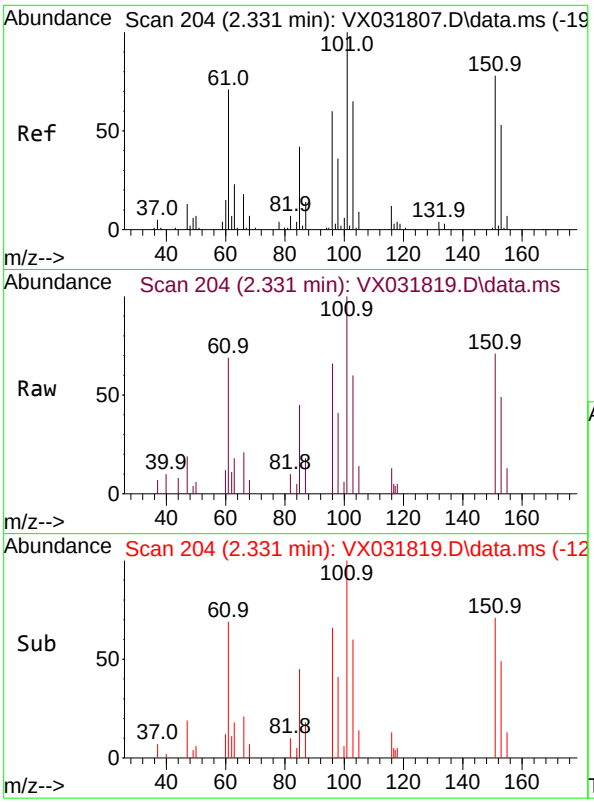




#8
Diethyl Ether
Concen: 2.587 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion: 74 Resp: 2125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 86.9 | 14.2 | 127.8 |



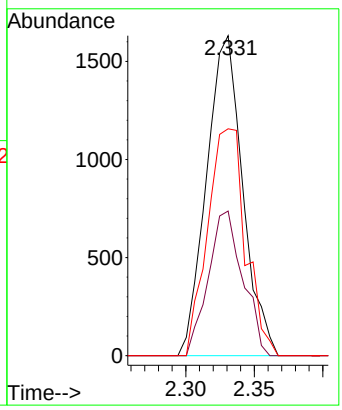


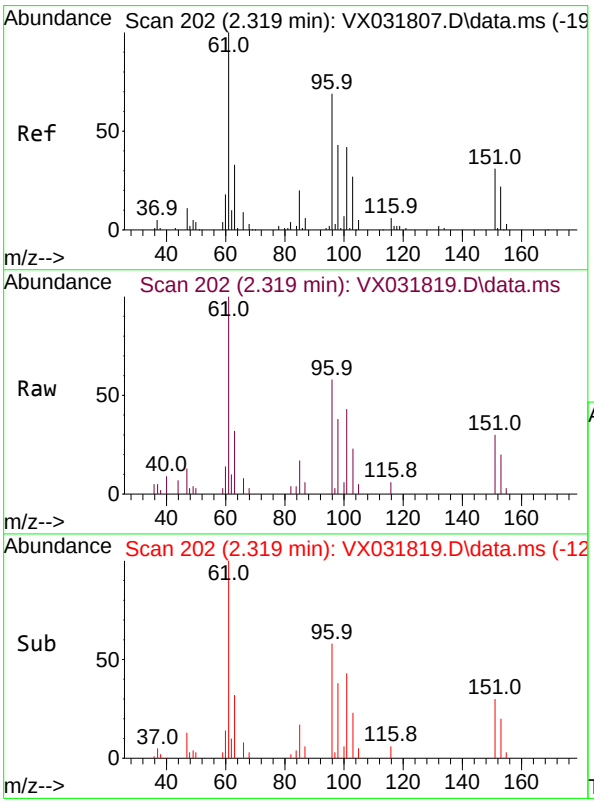

#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.606 ug/l
RT: 2.331 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:101 Resp: 2998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 43.1 | 0.0 | 88.8 |
| 151 | 74.5 | 0.0 | 156.6 |

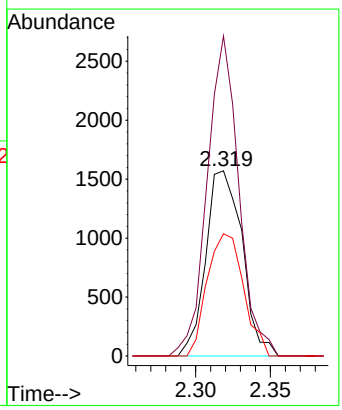


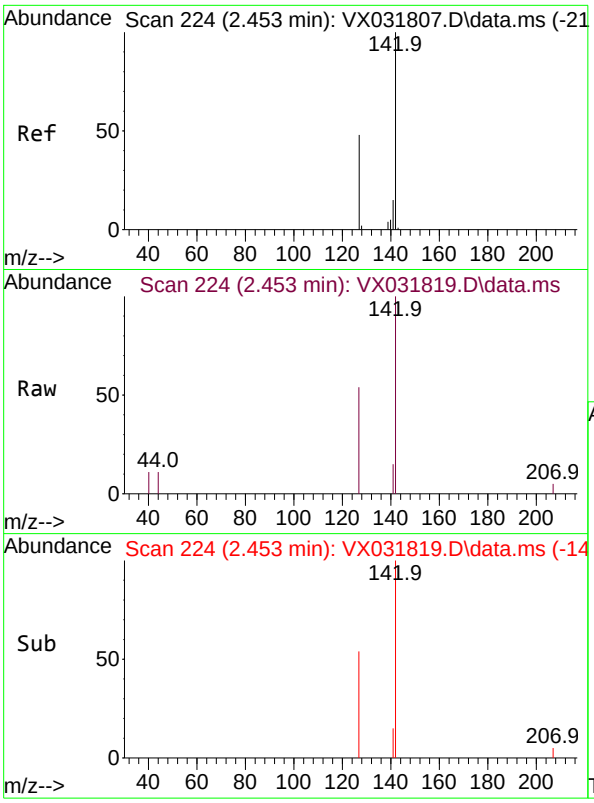




#10
1,1-Dichloroethene
Concen: 2.500 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion: 96 Resp: 2656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 172.8 | 115.8 | 173.6 |
| 98 | 66.0 | 49.7 | 74.5 |



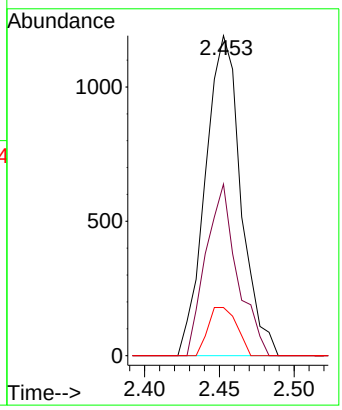


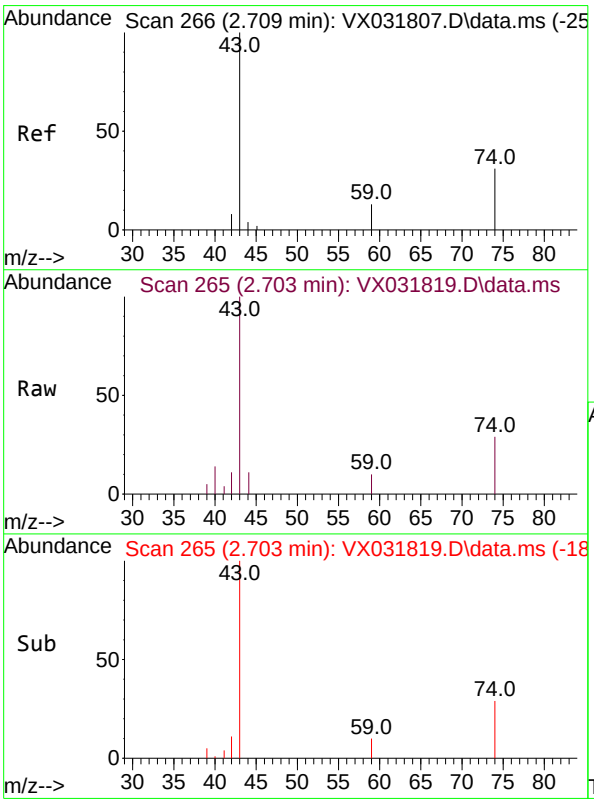

#11
Methyl Iodide
Concen: 1.694 ug/l
RT: 2.453 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:142 Resp: 1970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 53.6 | 23.8 | 71.2 |
| 141 | 15.0 | 7.6 | 22.8 |

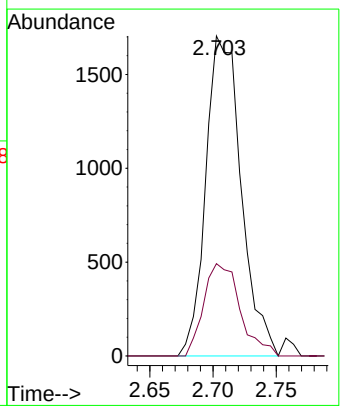


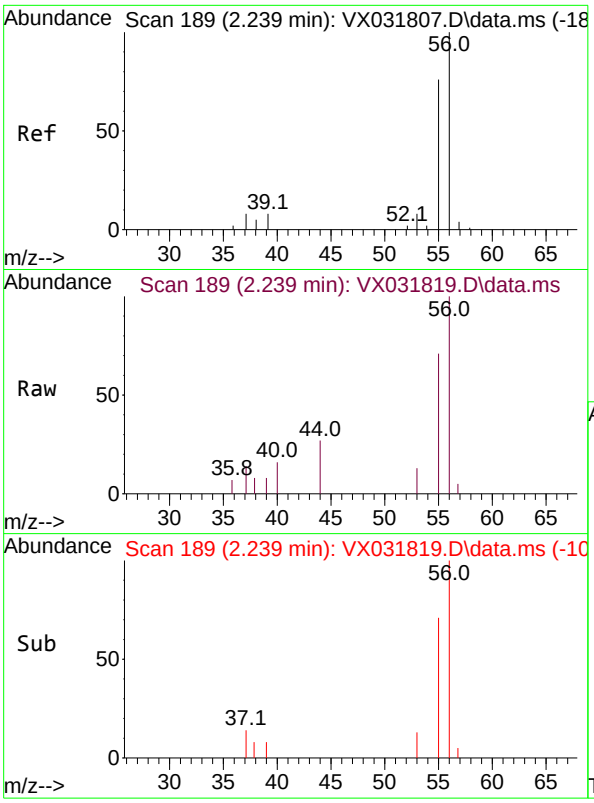




#12
Methyl Acetate
Concen: 2.728 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion: 43 Resp: 3311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 28.9 | 24.8 | 37.2 |



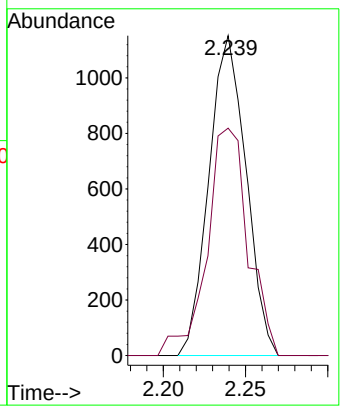


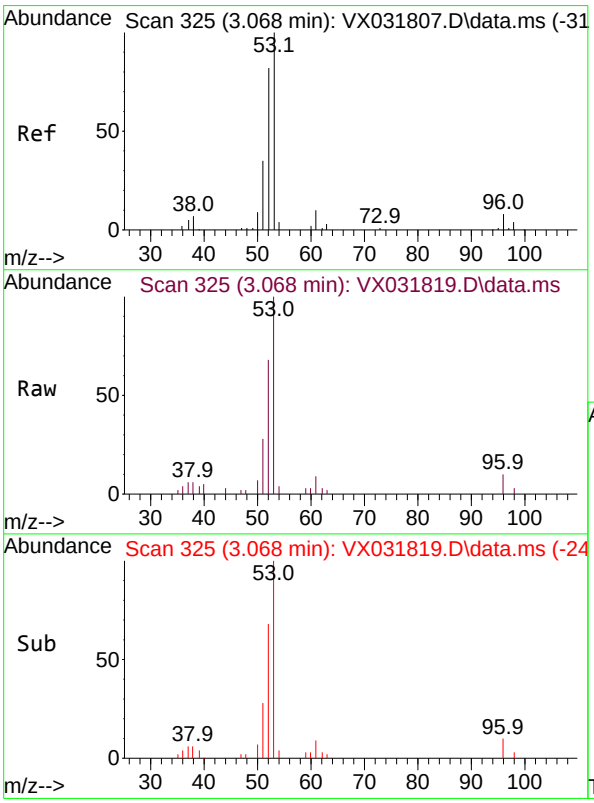

#13
Acrolein
Concen: 16.826 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 56 Resp: 1809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 76.1 | 58.4 | 87.6 |

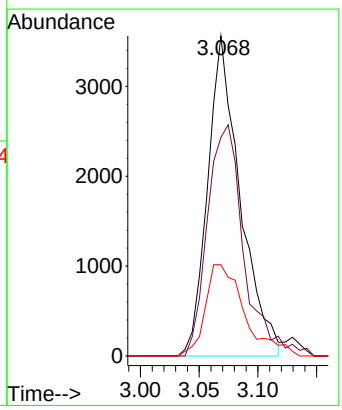


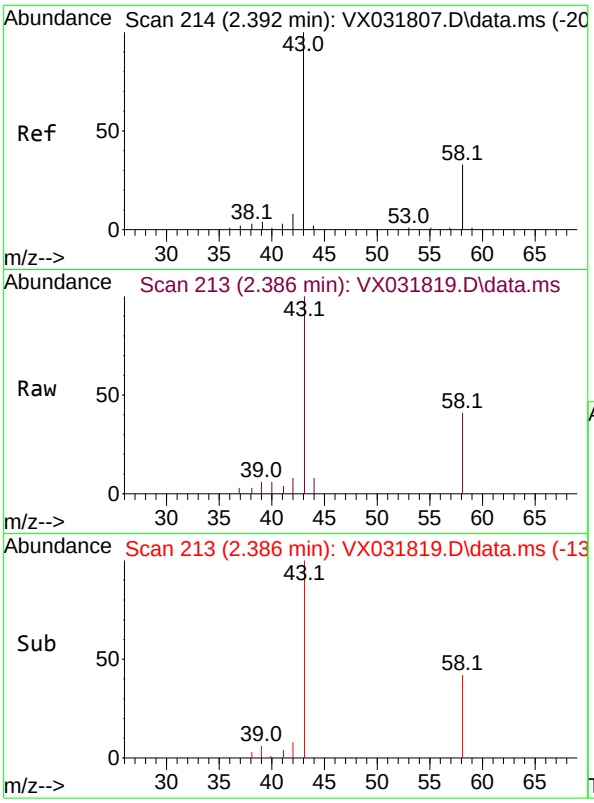




#14
Acrylonitrile
Concen: 13.325 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion: 53 Resp: 6865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 80.6 | 41.5 | 124.5 |
| 51 | 30.7 | 18.3 | 54.9 |



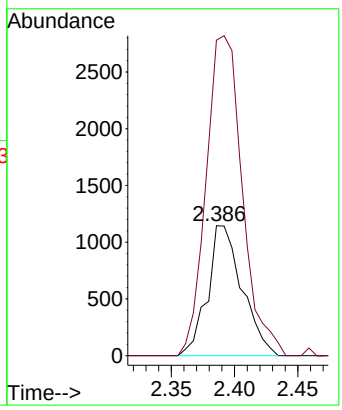


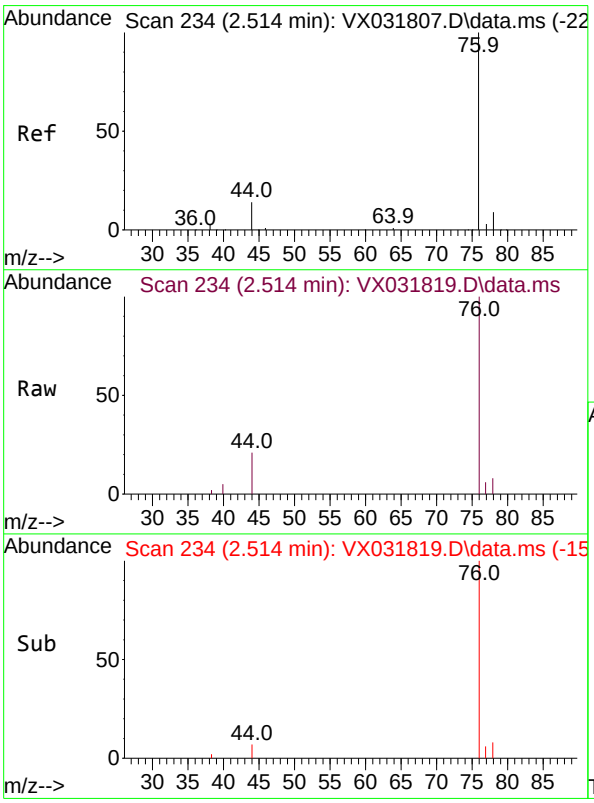

#15
Acetone
Concen: 15.620 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 58 Resp: 2180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 58 | 100 | | |
| 43 | 242.8 | 242.6 | 364.0 |

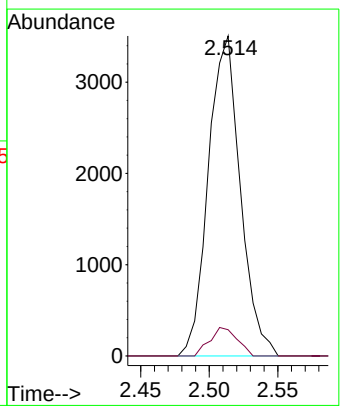


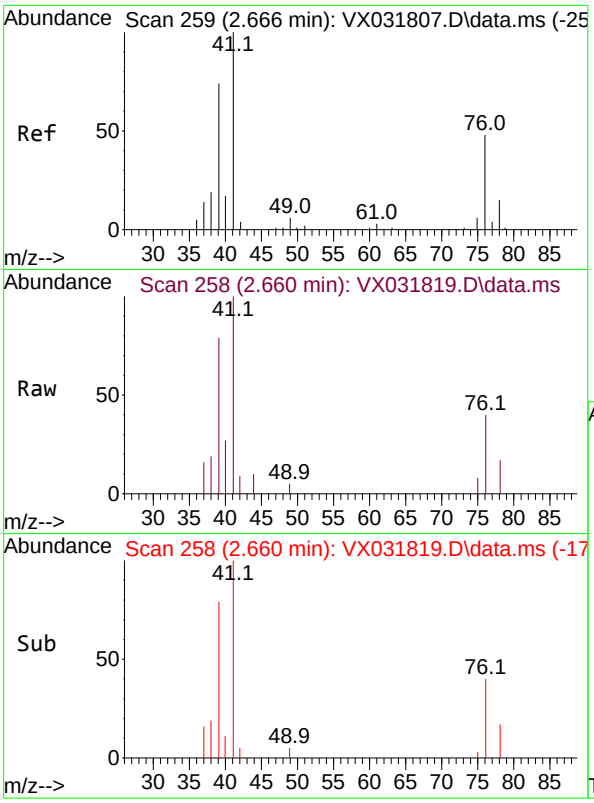




#16
Carbon Disulfide
Concen: 2.440 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion: 76 Resp: 5686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 8.2 | 7.5 | 11.3 |



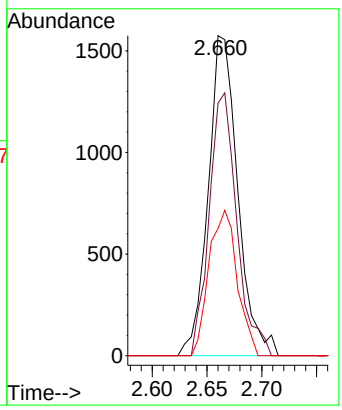


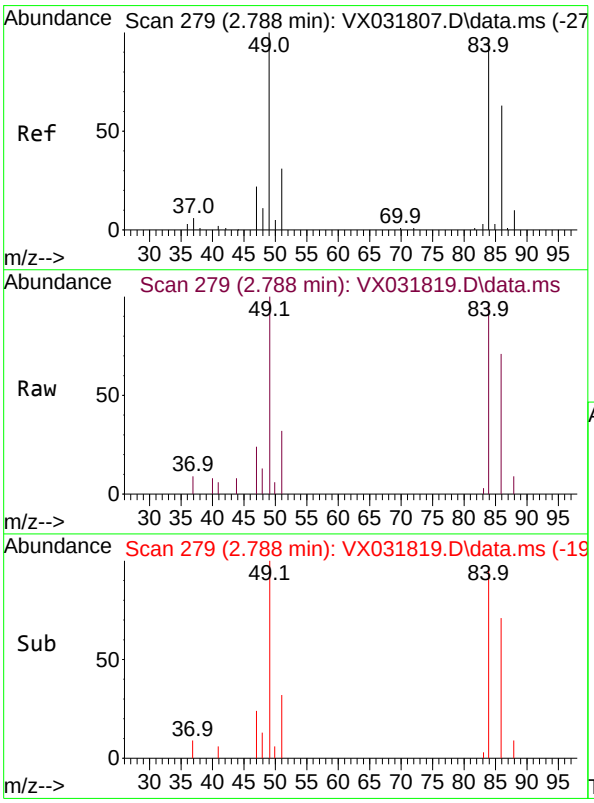

#17
Allyl chloride
Concen: 2.300 ug/l
RT: 2.660 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 41 Resp: 2958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 78.9 | 37.0 | 111.0 |
| 76 | 39.7 | 23.8 | 71.5 |

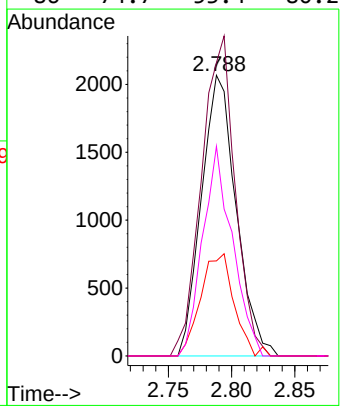


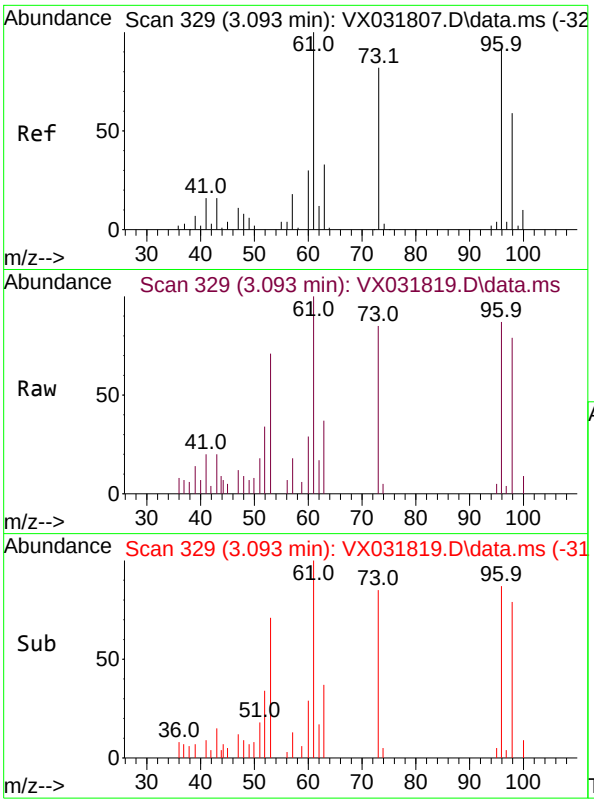




#18
Methylene Chloride
Concen: 3.243 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion: 84 Resp: 3943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 104.5 | 84.6 | 127.0 |
| 51 | 33.9 | 26.5 | 39.7 |
| 86 | 74.7 | 53.4 | 80.2 |



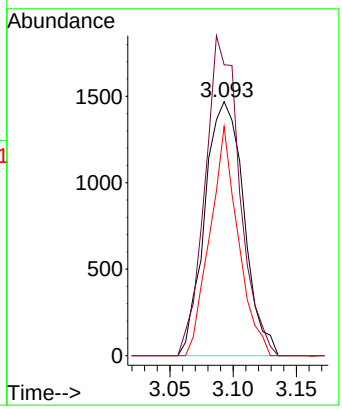


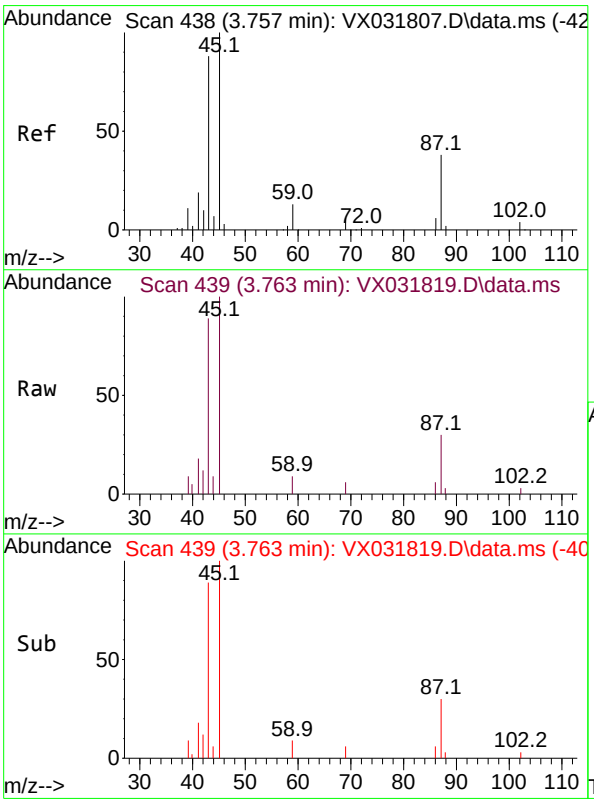

#19
trans-1,2-Dichloroethene
Concen: 2.563 ug/l
RT: 3.093 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 96 Resp: 3153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 114.5 | 87.4 | 131.0 |
| 98 | 90.1 | 51.5 | 77.3# |

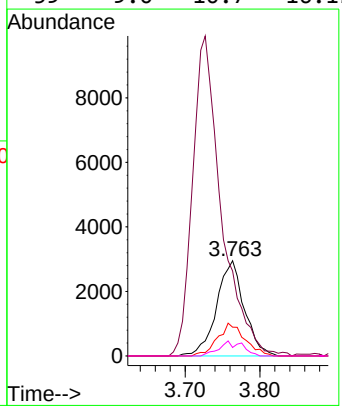


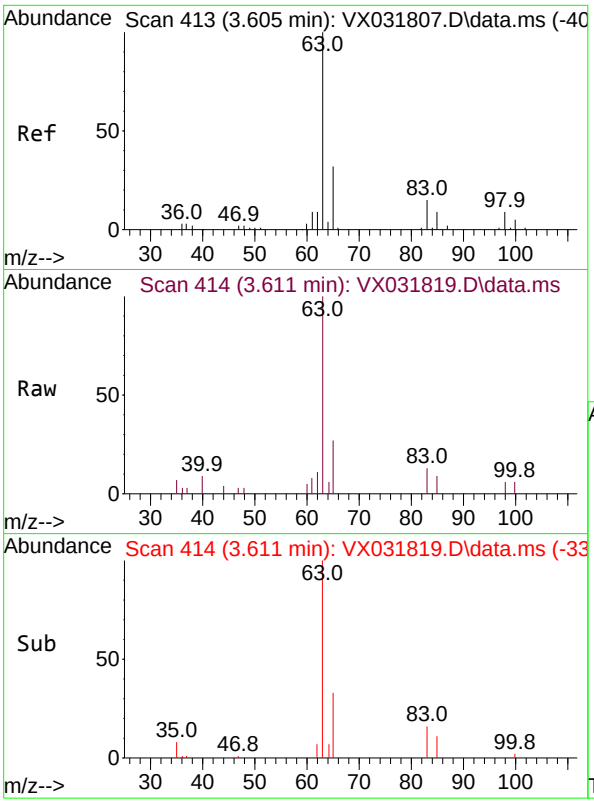




#20
Diisopropyl ether
Concen: 2.574 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion: 45 Resp: 7606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 86.4 | 74.5 | 111.7 |
| 87 | 30.3 | 30.4 | 45.6# |
| 59 | 9.0 | 10.7 | 16.1# |



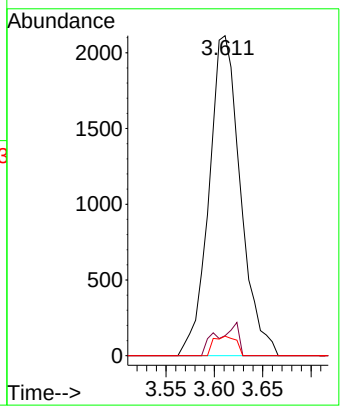


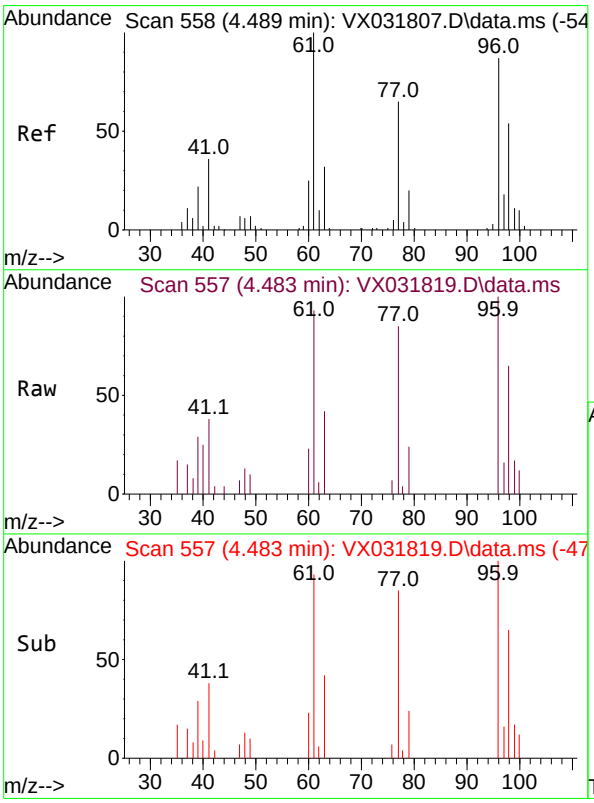

#21
1,1-Dichloroethane
Concen: 2.483 ug/l
RT: 3.611 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 63 Resp: 4787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.2 | 4.5 | 13.7 |
| 100 | 6.1 | 2.8 | 8.3 |

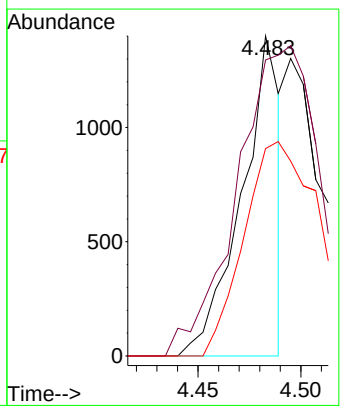


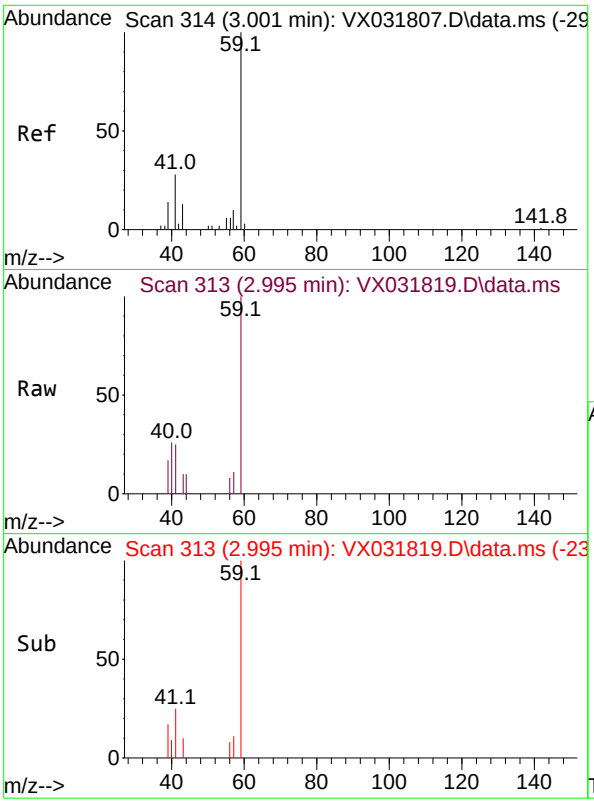




#22
cis-1,2-Dichloroethene
Concen: 1.225 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion: 96 Resp: 1821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 219.0 | 98.0 | 147.0# |
| 98 | 134.7 | 52.2 | 78.4# |



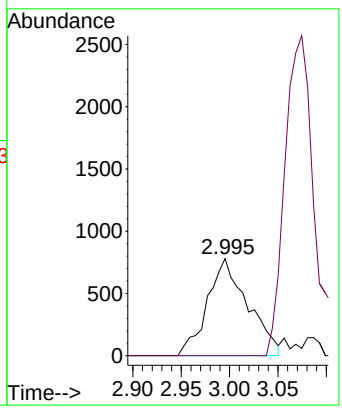


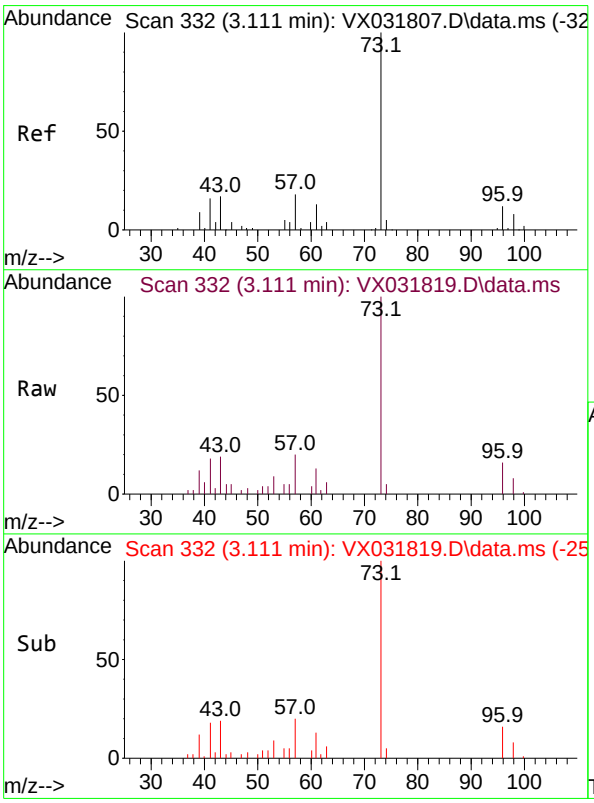

#23
tert-Butyl Alcohol
Concen: 11.815 ug/l
RT: 2.995 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 59 Resp: 2269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 52 | 0.0 | 0.0 | 0.0 |

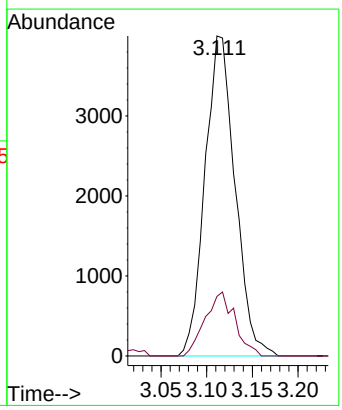


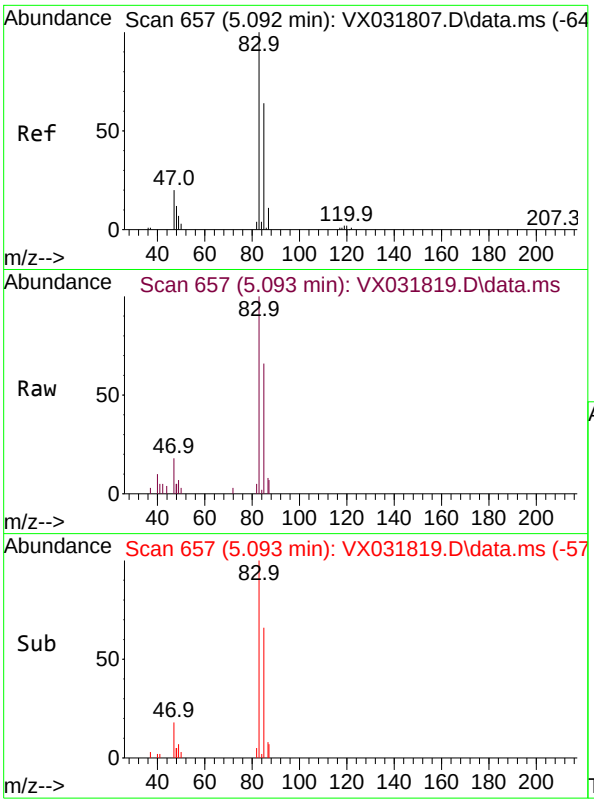




#24
Methyl tert-Butyl Ether
Concen: 2.508 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion: 73 Resp: 9157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 19.7 | 14.8 | 22.2 |



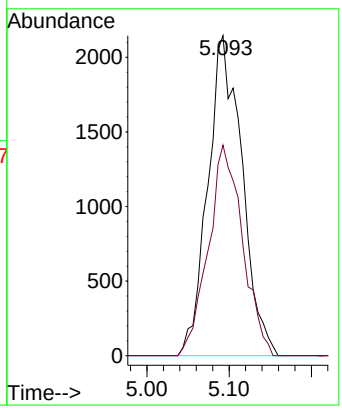


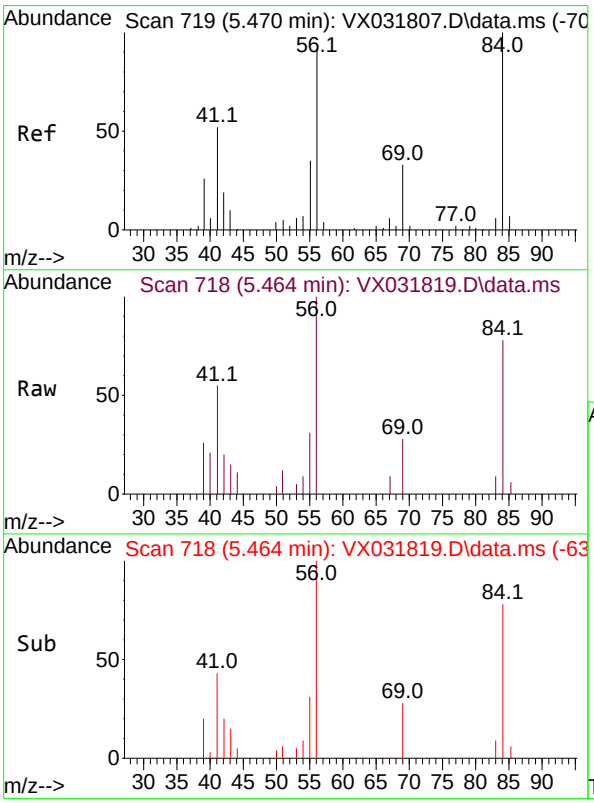

#25
Chloroform
Concen: 2.617 ug/l
RT: 5.093 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 83 Resp: 6196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 65.8 | 51.4 | 77.0 |

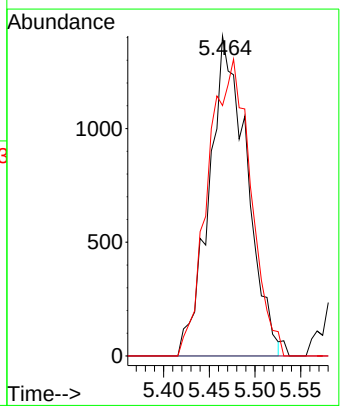


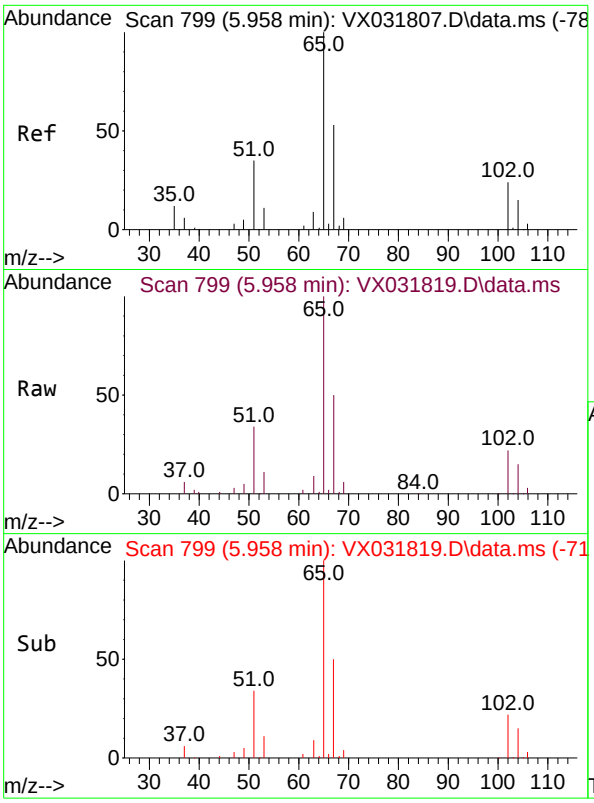




#26
Cyclohexane
Concen: 2.543 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion: 56 Resp: 4044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 89 | 0.0 | 0.0 | 0.0 |
| 84 | 104.4 | 86.6 | 130.0 |



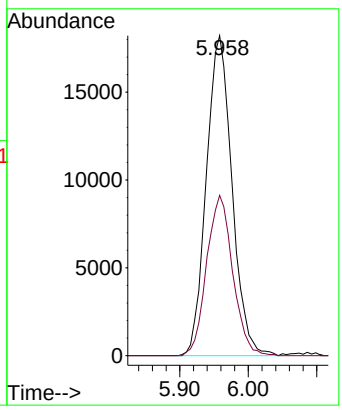


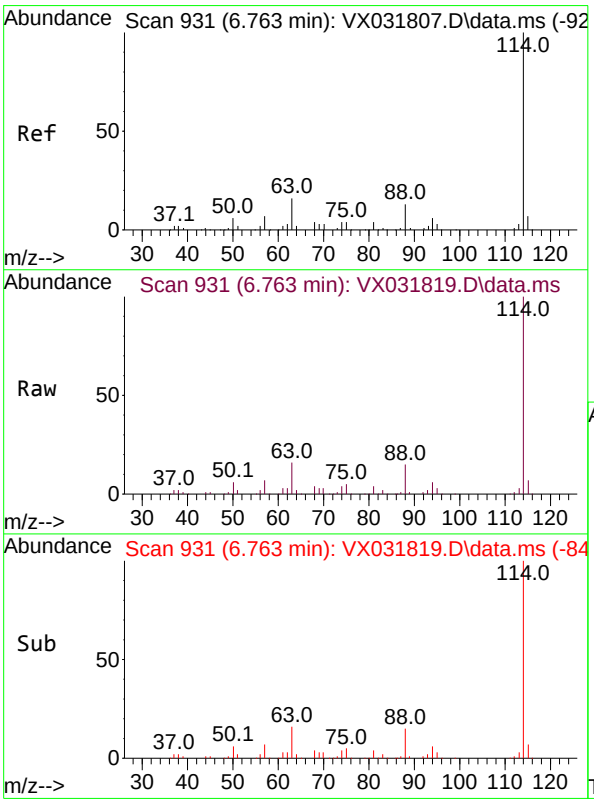

#27
1,2-Dichloroethane-d4
Concen: 32.531 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 65 Resp: 47380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.9 | 41.8 | 62.6 |

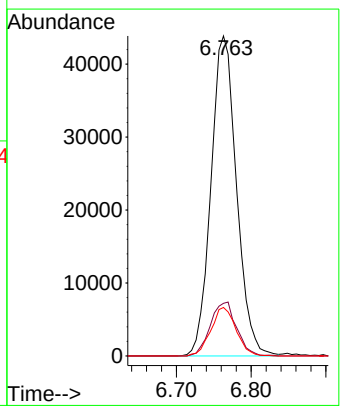


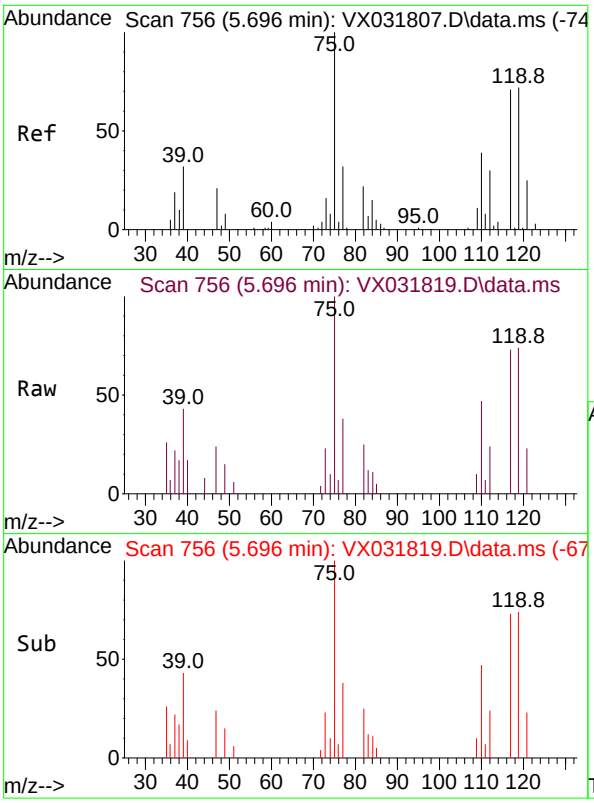




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion:114 Resp: 104261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 17.2 | 13.6 | 20.4 |
| 88 | 15.0 | 11.8 | 17.6 |



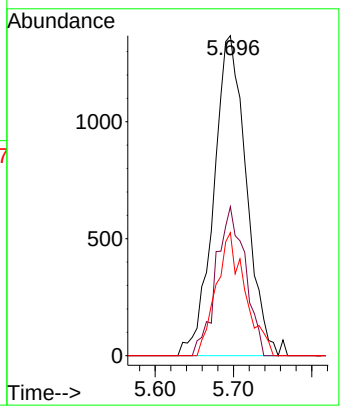


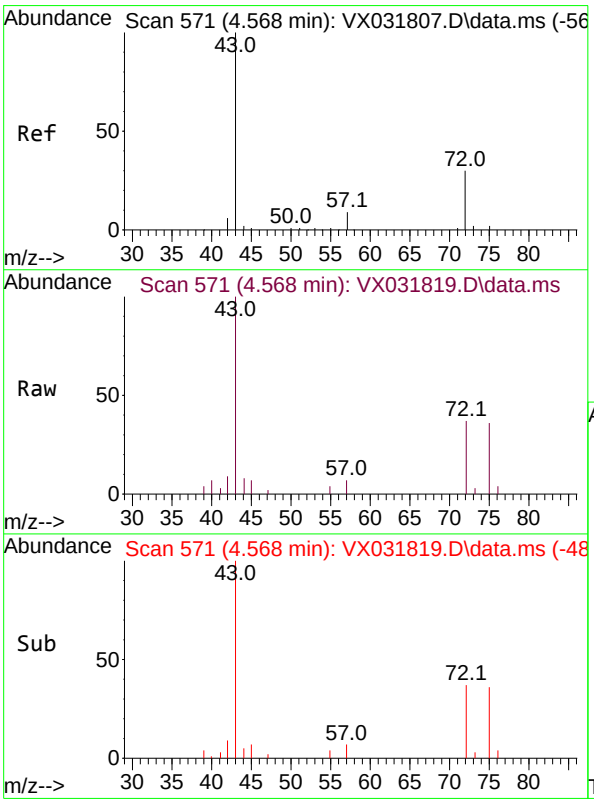

#29
1,1-Dichloropropene
Concen: 2.442 ug/l
RT: 5.696 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 75 Resp: 3947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 41.4 | 0.0 | 80.4 |
| 77 | 34.3 | 0.0 | 62.0 |

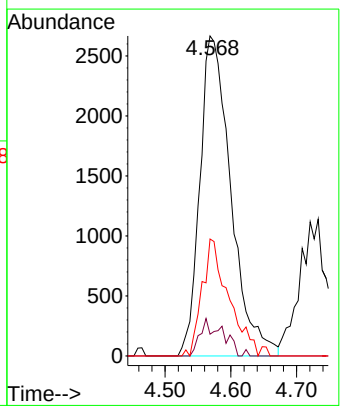


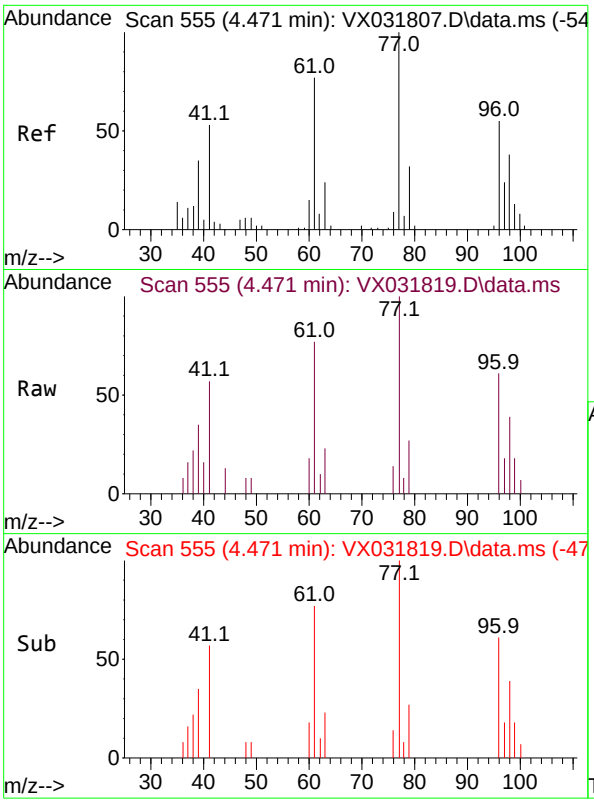




#30
2-Butanone
Concen: 13.317 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion: 43 Resp: 8761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 57 | 3.8 | 7.5 | 11.3# |
| 72 | 28.7 | 26.6 | 39.8 |



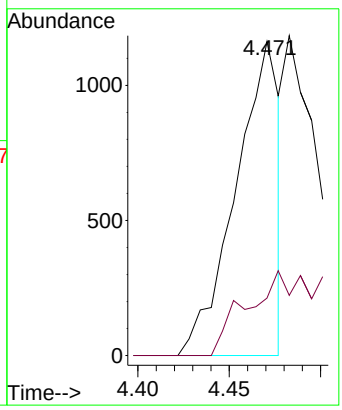


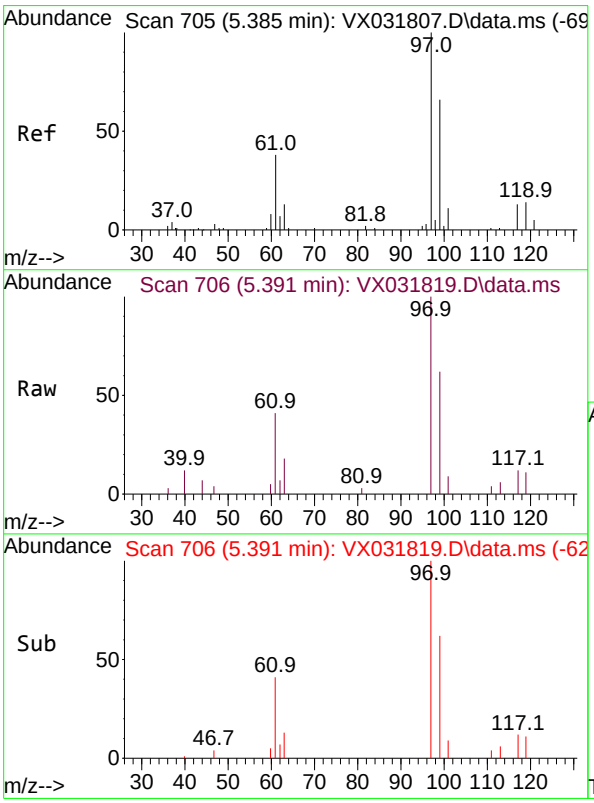

#31
2,2-Dichloropropane
Concen: 1.193 ug/l
RT: 4.471 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 77 Resp: 1931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 13.5 | 20.0 | 30.0# |

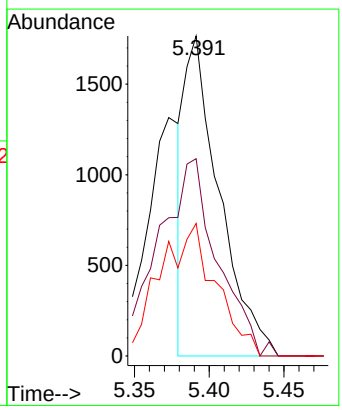


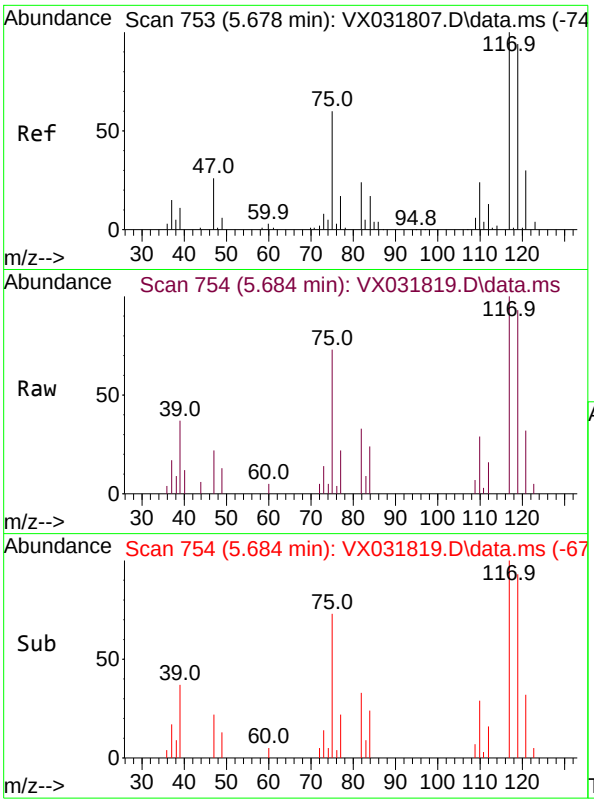




#32
1,1,1-Trichloroethane
Concen: 1.334 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion: 97 Resp: 2854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 69.4 | 53.8 | 80.6 |
| 61 | 10.8 | 31.3 | 46.9# |



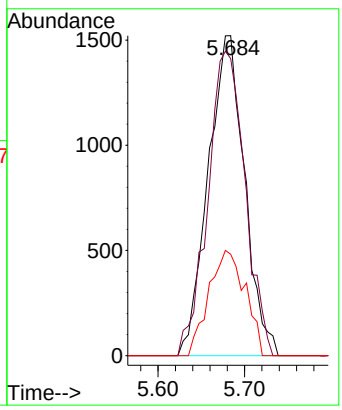


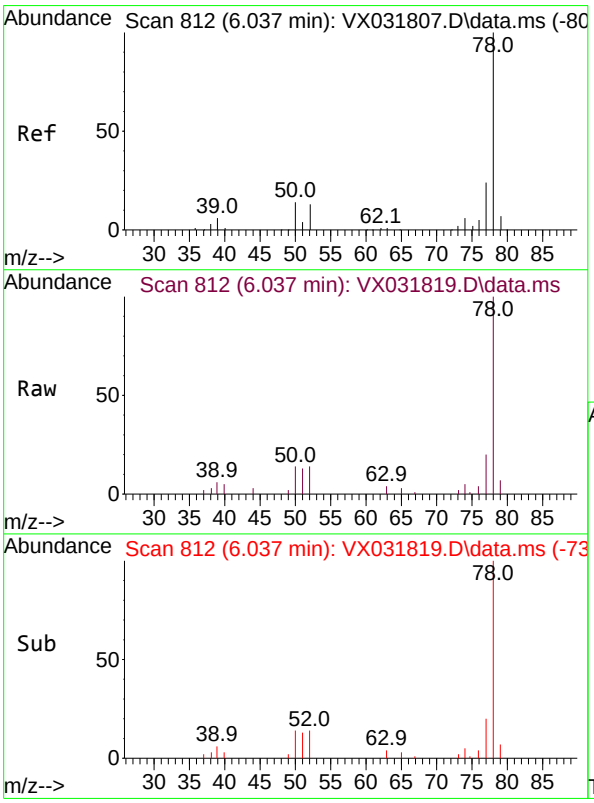

#33
Carbon Tetrachloride
Concen: 2.264 ug/l
RT: 5.684 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:117 Resp: 4440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 92.8 | 75.4 | 113.2 |
| 121 | 31.7 | 24.4 | 36.6 |

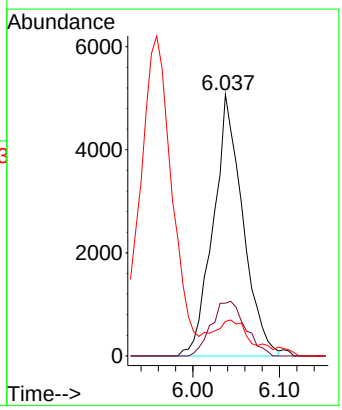


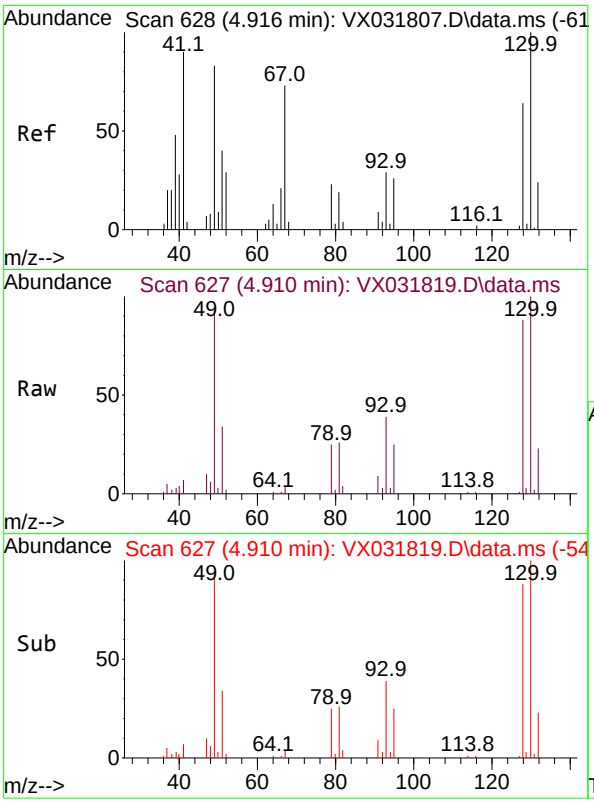




#34
Benzene
Concen: 2.506 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion: 78 Resp: 11984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 20.2 | 19.0 | 28.6 |
| 51 | 9.8 | 10.6 | 15.8# |



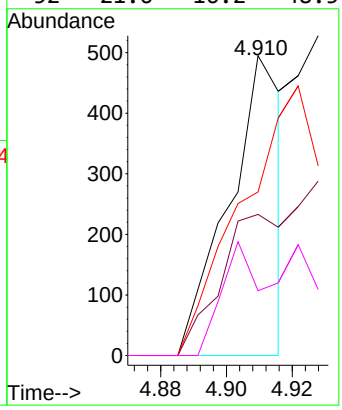


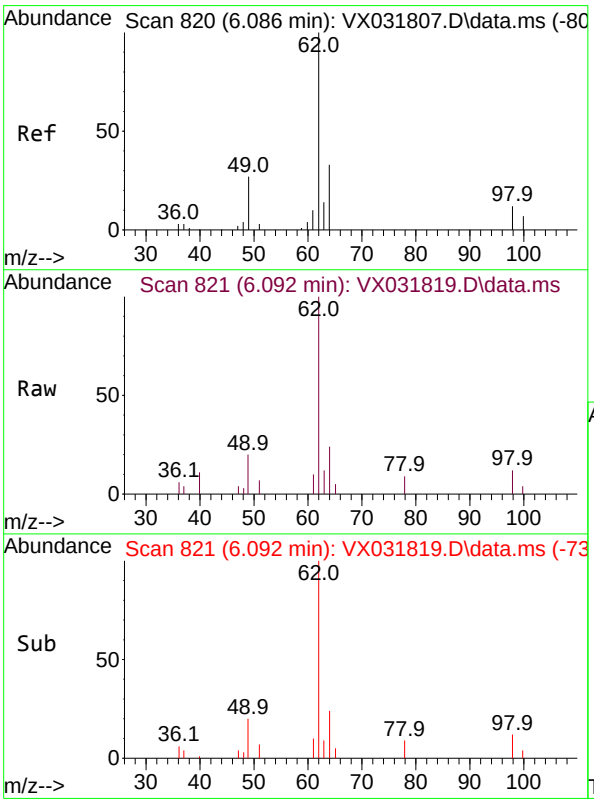

#35
Methacrylonitrile
Concen: 0.813 ug/l
RT: 4.910 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 41 Resp: 559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 47.1 | 26.9 | 80.7 |
| 67 | 54.5 | 40.6 | 121.8 |
| 52 | 21.6 | 16.2 | 48.5 |

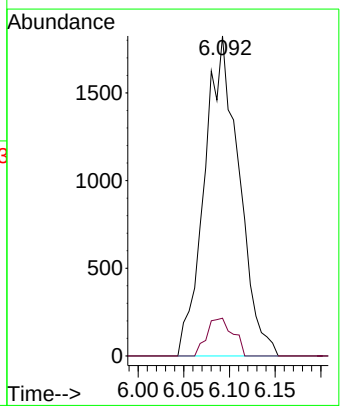


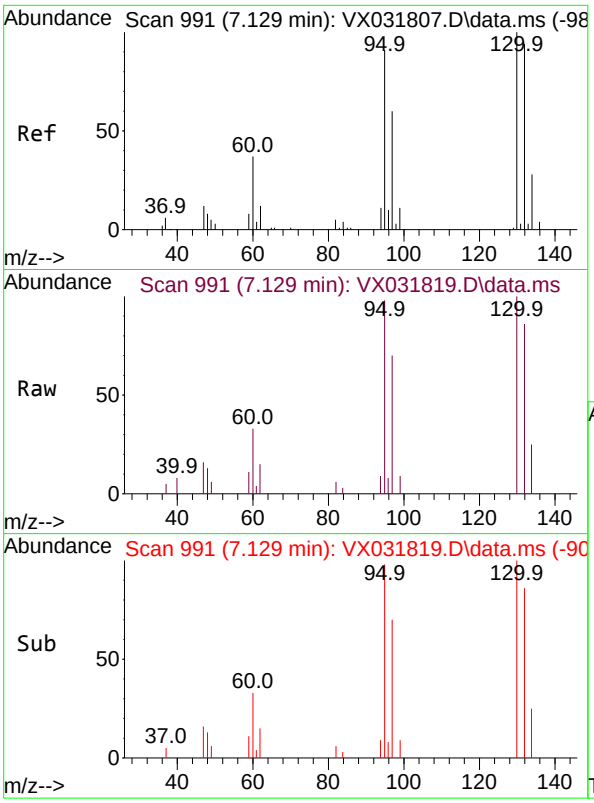




#36
1,2-Dichloroethane
Concen: 2.842 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion: 62 Resp: 4789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.0 | 8.8 | 13.2# |



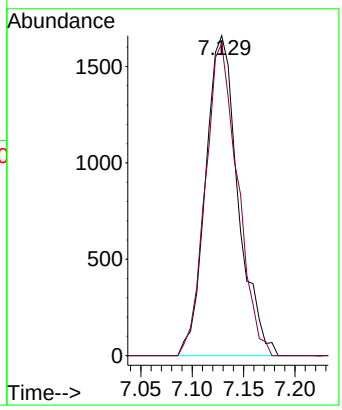


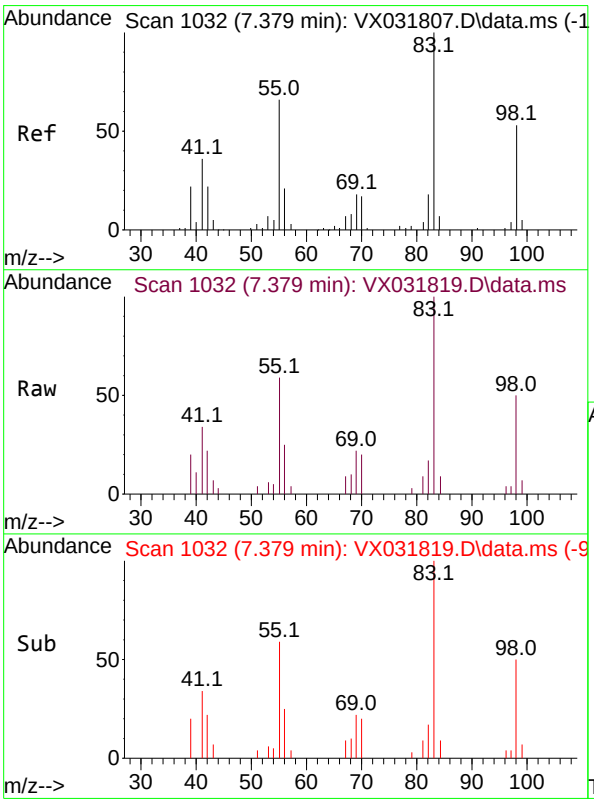

#37
Trichloroethene
Concen: 2.335 ug/l
RT: 7.129 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:130 Resp: 3644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 97.6 | 72.4 | 108.6 |

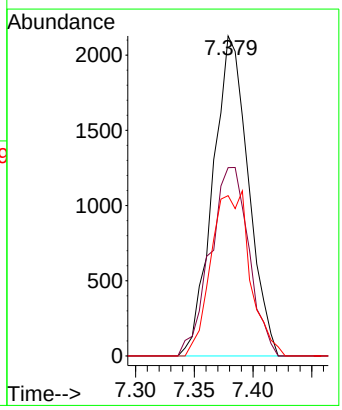


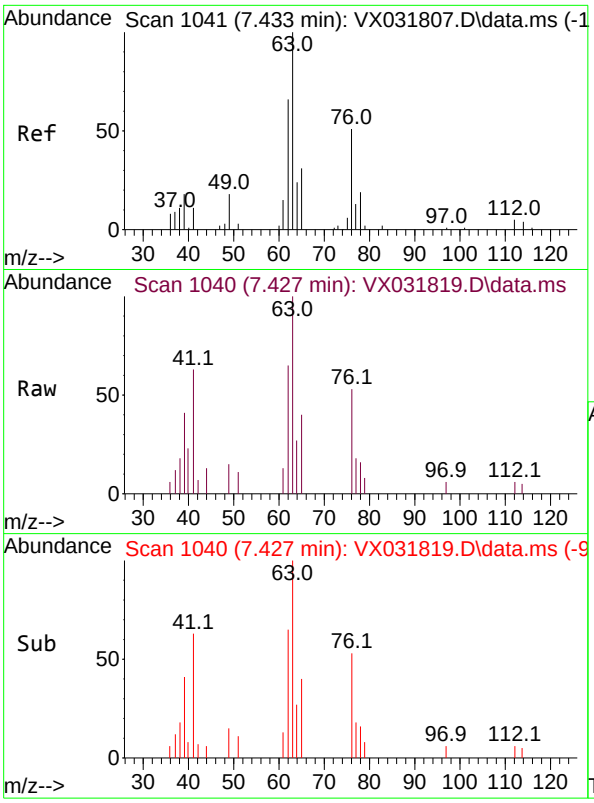




#38
Methylcyclohexane
Concen: 2.255 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion: 83 Resp: 4461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 64.3 | 31.6 | 94.7 |
| 98 | 37.5 | 26.9 | 80.6 |



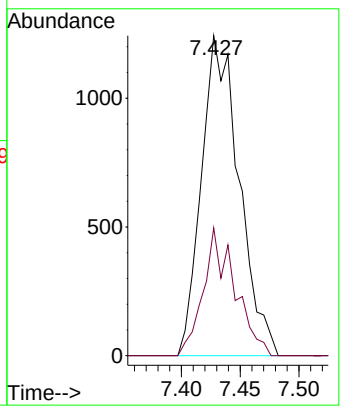


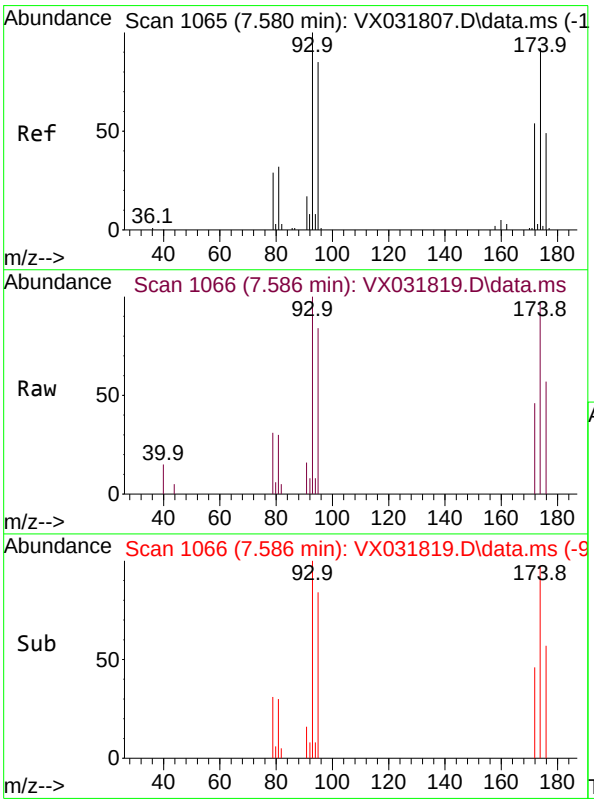

#39
1,2-Dichloropropane
Concen: 2.531 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 63 Resp: 2767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 40.0 | 26.5 | 39.7# |

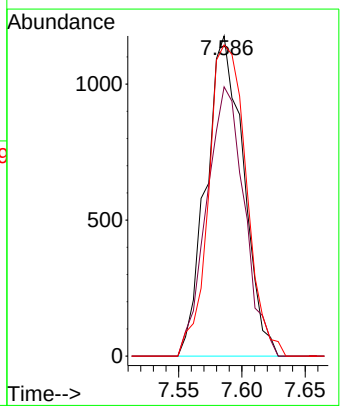


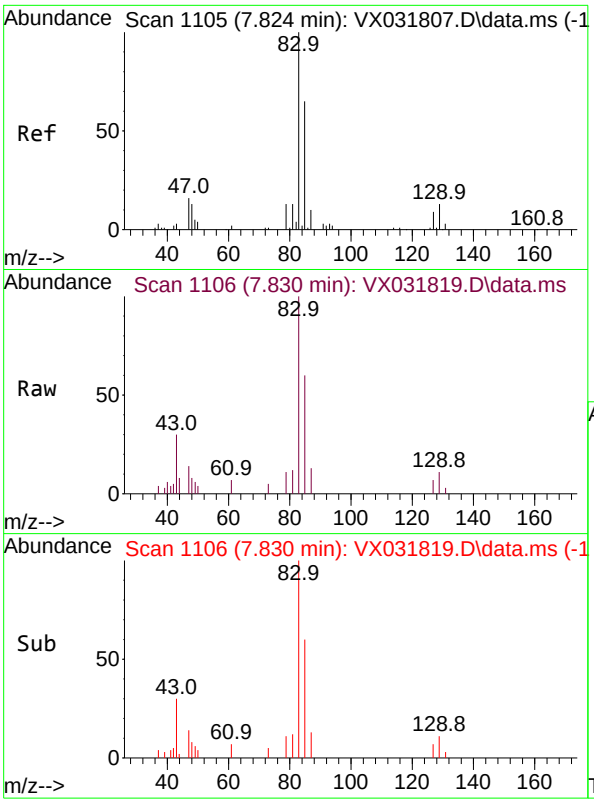




#40
Dibromomethane
Concen: 2.517 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion: 93 Resp: 2407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 85.2 | 0.0 | 165.0 |
| 174 | 98.8 | 0.0 | 205.2 |



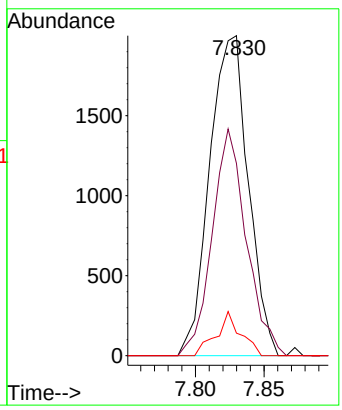


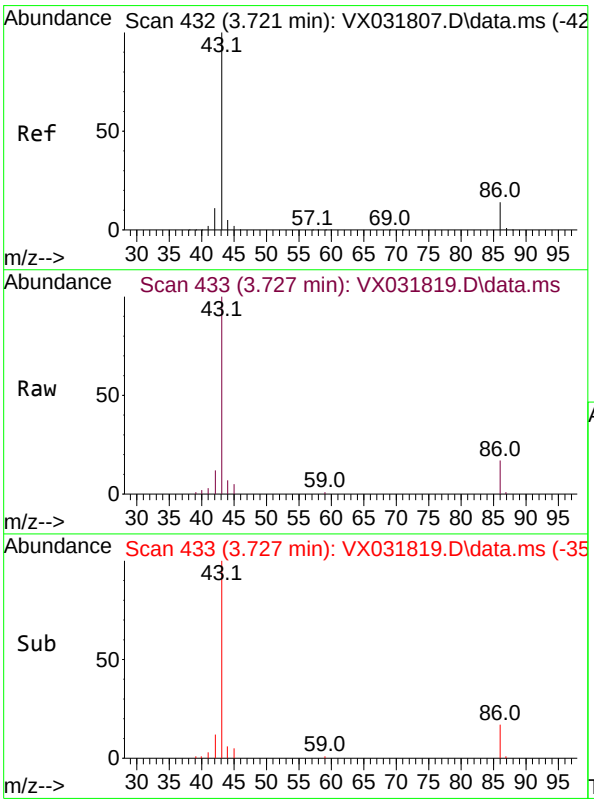

#41
Bromodichloromethane
Concen: 2.265 ug/l
RT: 7.830 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 83 Resp: 3927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 60.1 | 52.3 | 78.5 |
| 127 | 7.0 | 6.8 | 10.2 |

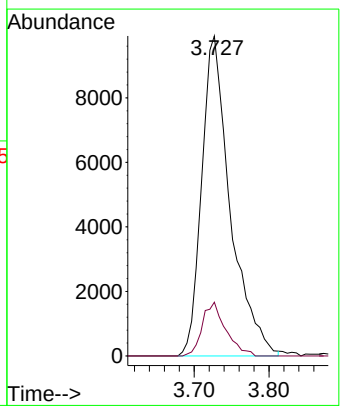


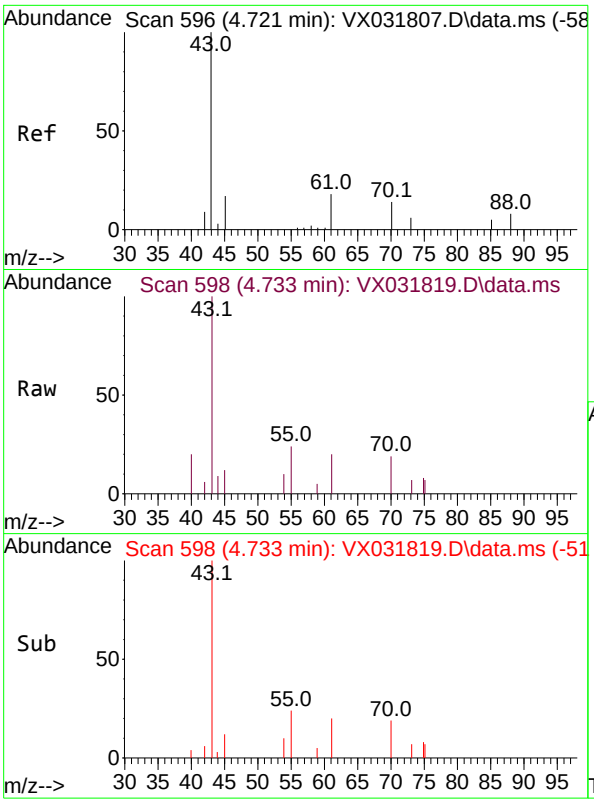




#42
Vinyl Acetate
Concen: 11.115 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.006 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion: 43 Resp: 26368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 13.6 | 10.3 | 15.5 |



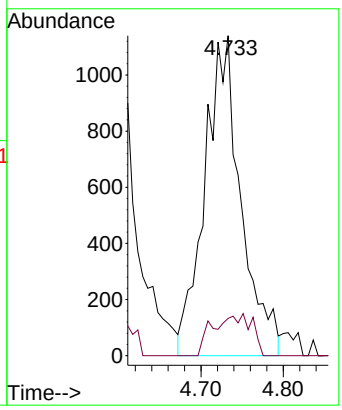


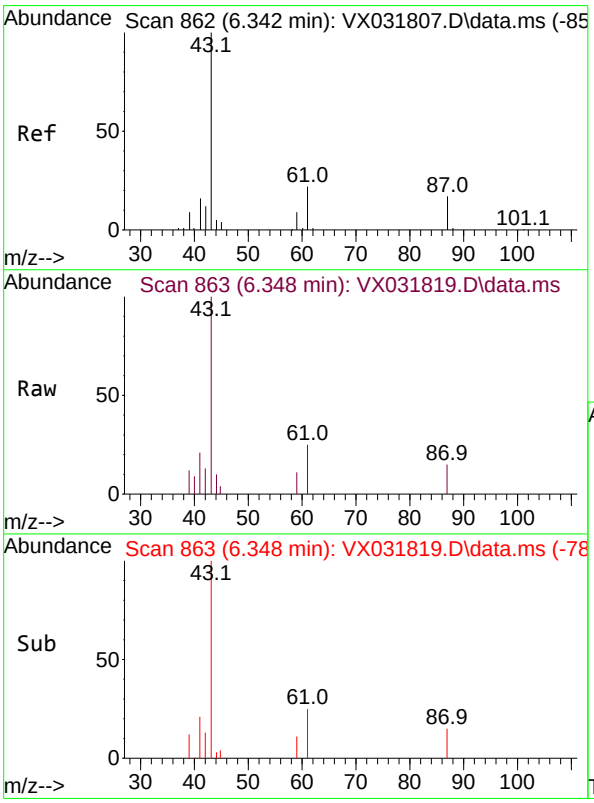

#43
Ethyl Acetate
Concen: 2.643 ug/l
RT: 4.733 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 43 Resp: 3494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 45 | 2.1 | 8.2 | 12.2# |

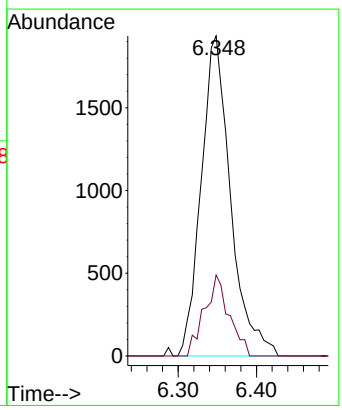


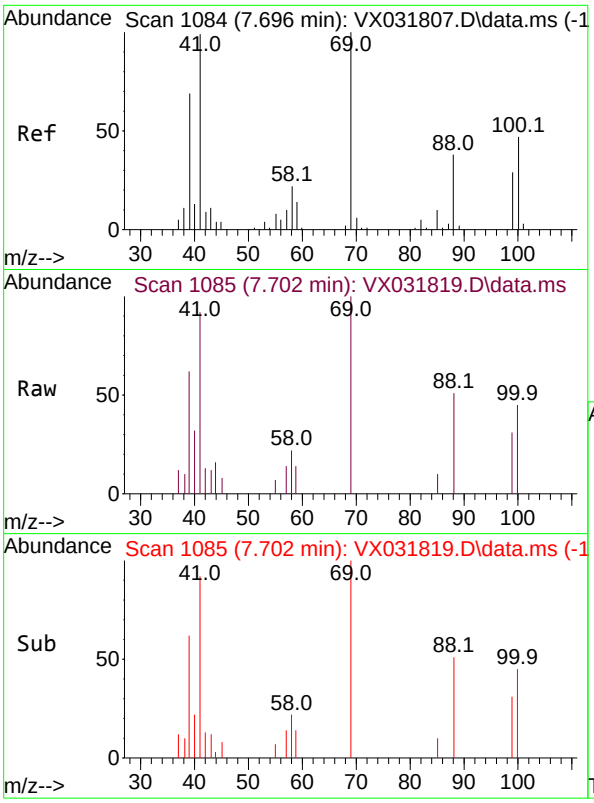




#44
Isopropyl Acetate
Concen: 2.400 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion: 43 Resp: 5042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 15.3 | 17.2 | 25.8# |



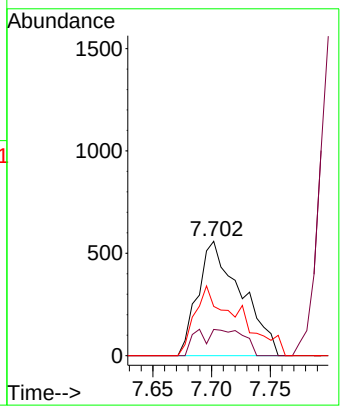


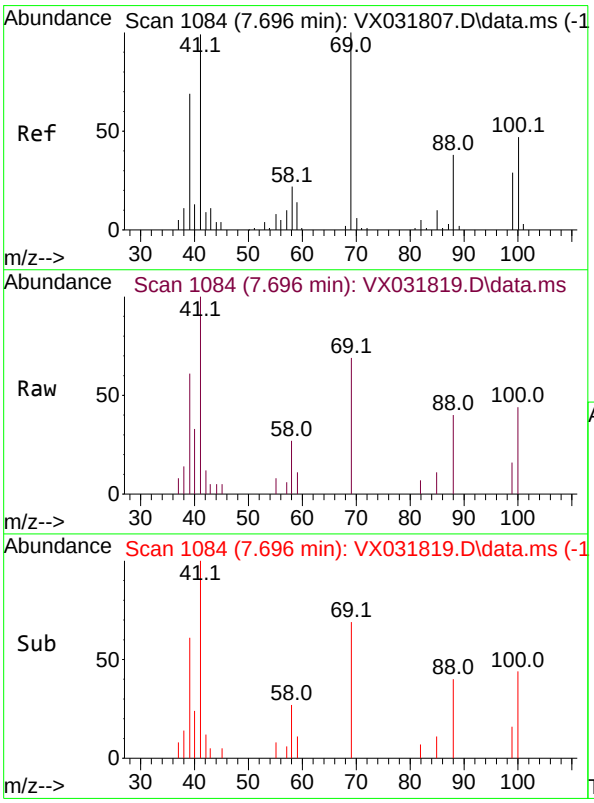

#45
1,4-Dioxane
Concen: 47.465 ug/l
RT: 7.702 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 88 Resp: 1427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 5.0 | 20.4 | 30.6# |
| 58 | 43.6 | 44.0 | 66.0# |

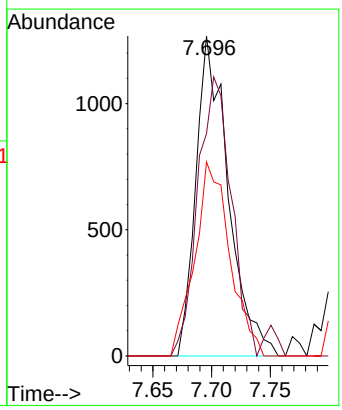


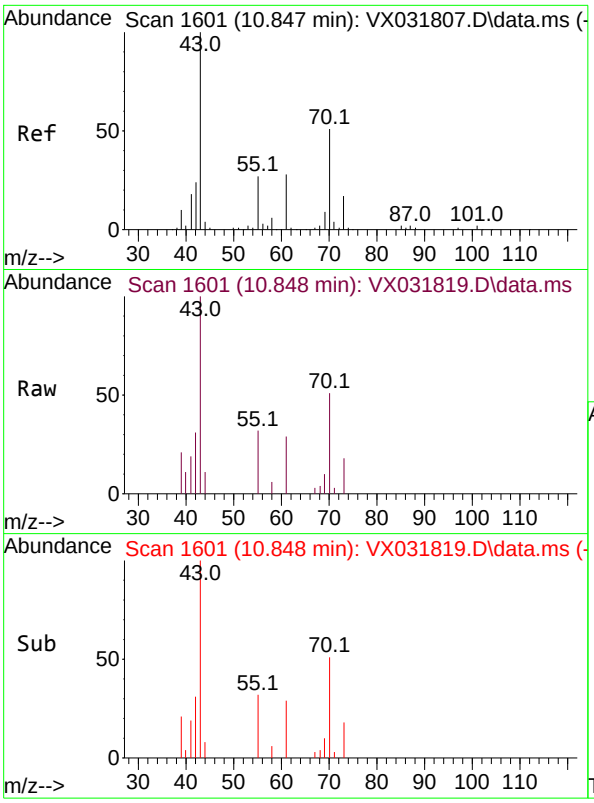




#46
Methyl methacrylate
Concen: 2.476 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion: 41 Resp: 2428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 64.8 | 50.5 | 151.5 |
| 39 | 60.6 | 34.6 | 103.8 |



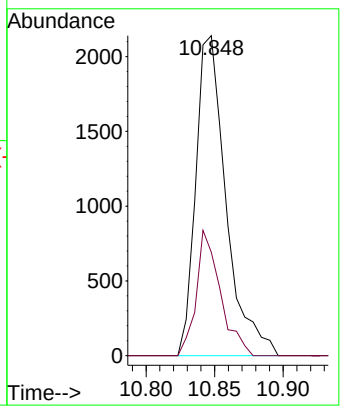


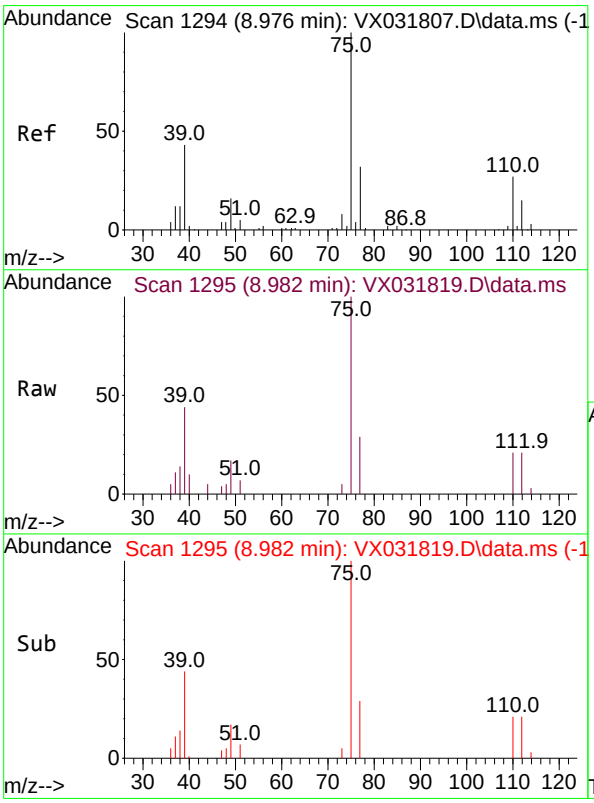

#47
n-amyl Acetate
Concen: 1.824 ug/l
RT: 10.848 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 43 Resp: 3292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 55 | 31.1 | 21.6 | 32.4 |

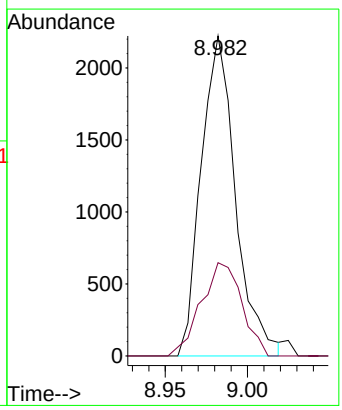


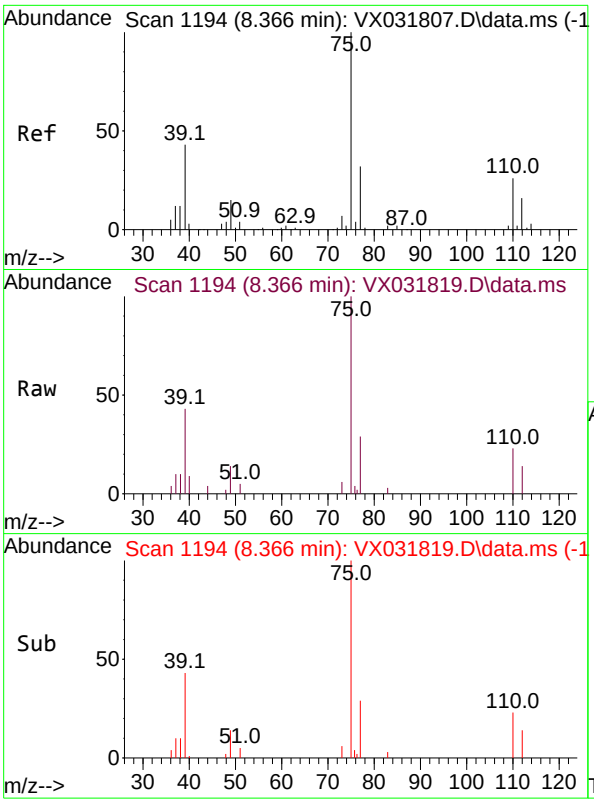




#48
t-1,3-Dichloropropene
Concen: 1.888 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion: 75 Resp: 3228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 29.1 | 25.4 | 38.0 |



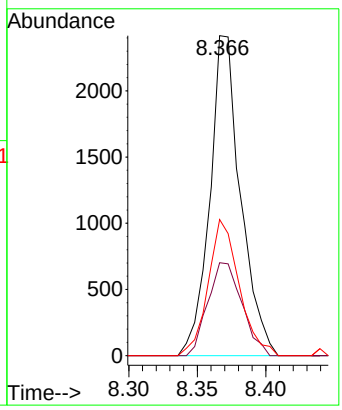


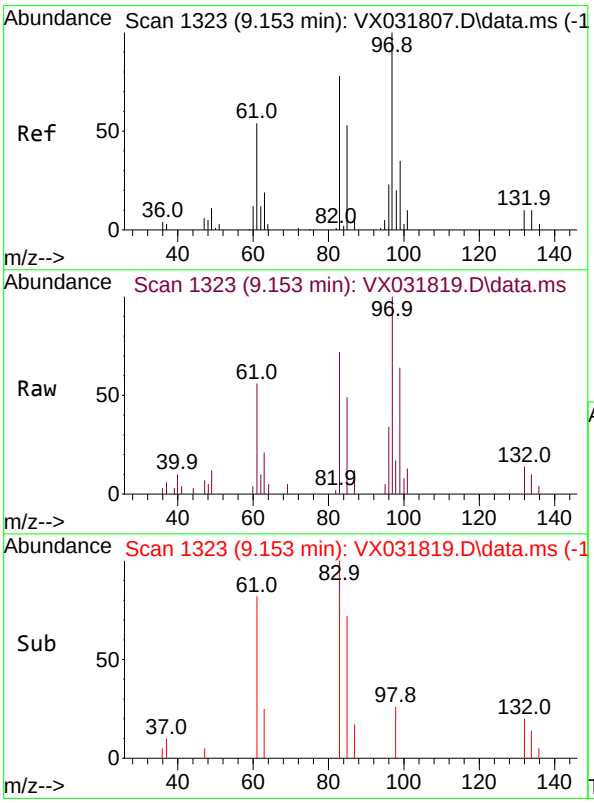

#49
cis-1,3-Dichloropropene
Concen: 2.016 ug/l
RT: 8.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 75 Resp: 3780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 29.0 | 25.7 | 38.5 |
| 39 | 42.5 | 34.1 | 51.1 |

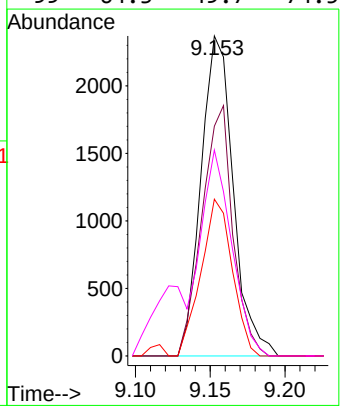


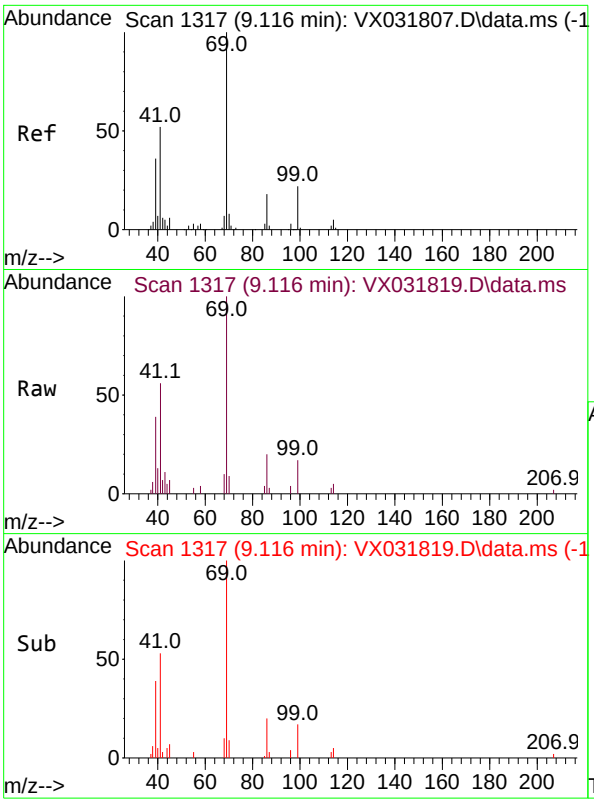




#50
1,1,2-Trichloroethane
Concen: 2.569 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion: 97 Resp: 3558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 71.8 | 62.2 | 93.4 |
| 85 | 49.0 | 44.2 | 66.2 |
| 99 | 64.3 | 49.7 | 74.5 |



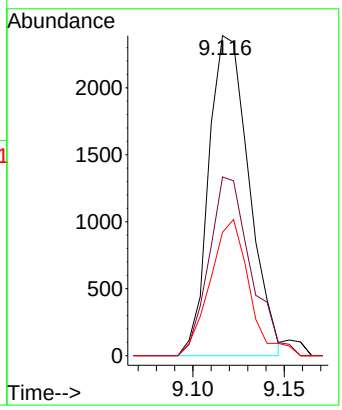


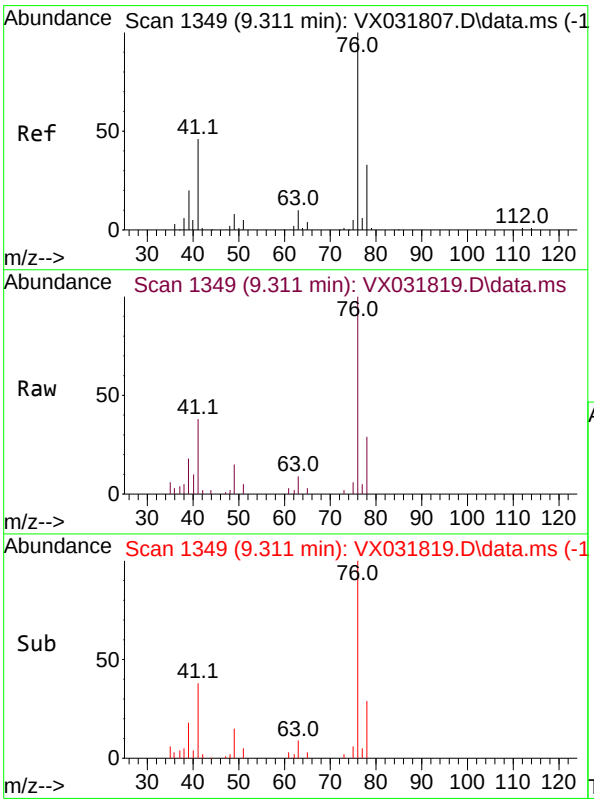

#51
Ethyl methacrylate
Concen: 2.037 ug/l
RT: 9.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 69 Resp: 3657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 55.8 | 25.9 | 77.7 |
| 39 | 38.6 | 17.8 | 53.3 |

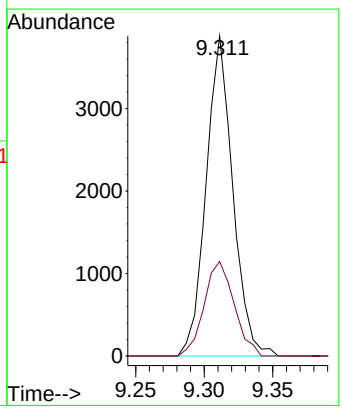


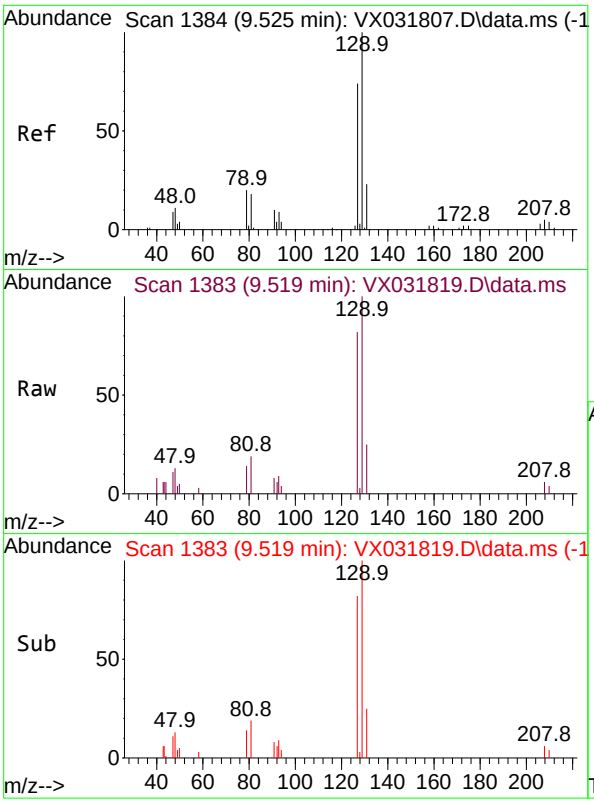




#52
1,3-Dichloropropane
Concen: 2.477 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion: 76 Resp: 5256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 33.2 | 0.0 | 66.0 |



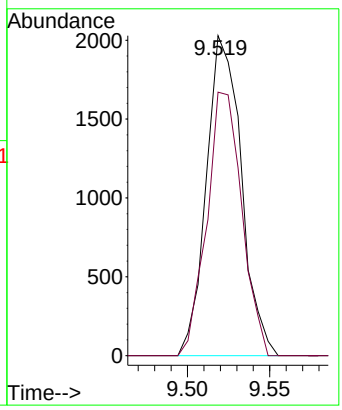


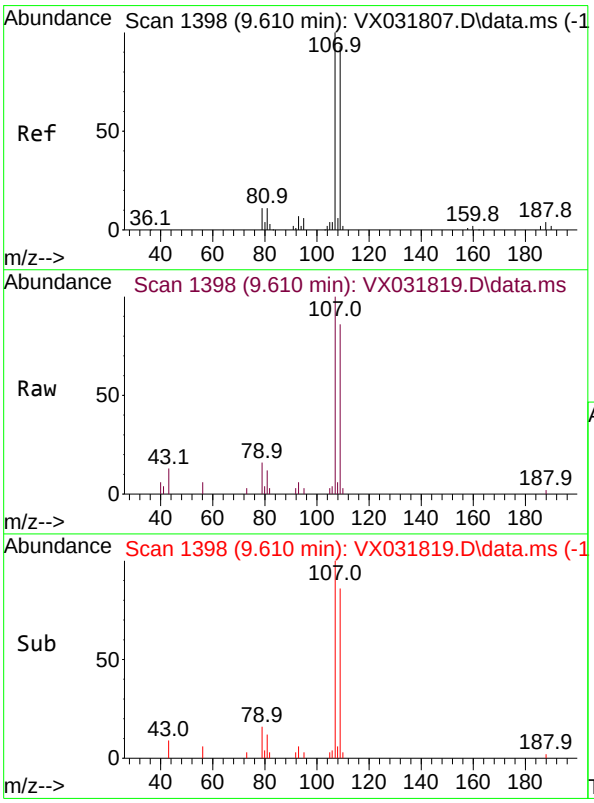

#53
Dibromochloromethane
Concen: 1.941 ug/l
RT: 9.519 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:129 Resp: 2993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 82.6 | 39.0 | 117.0 |

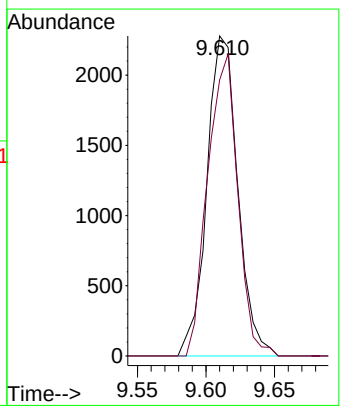


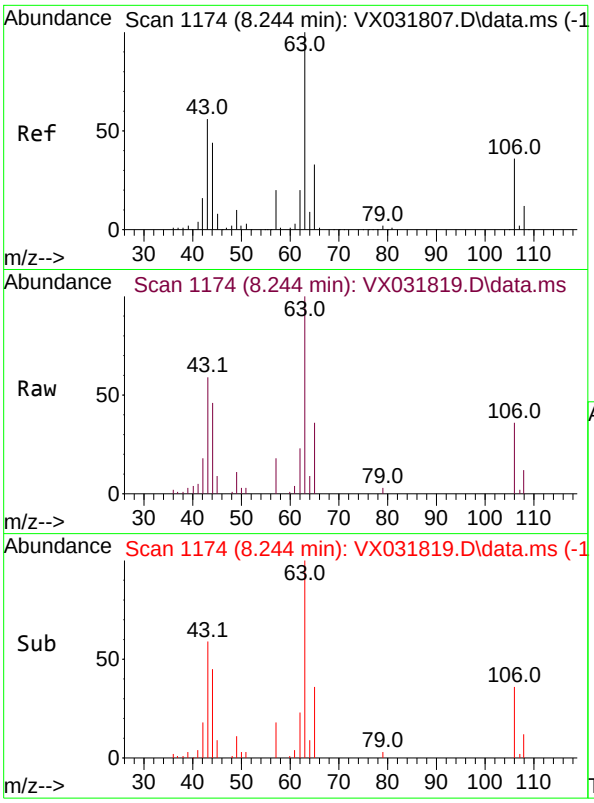




#54
1,2-Dibromoethane
Concen: 2.334 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion:107 Resp: 3580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 91.6 | 75.0 | 112.6 |



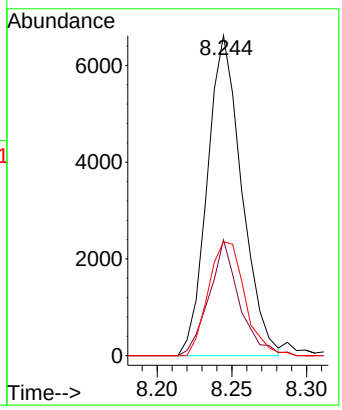


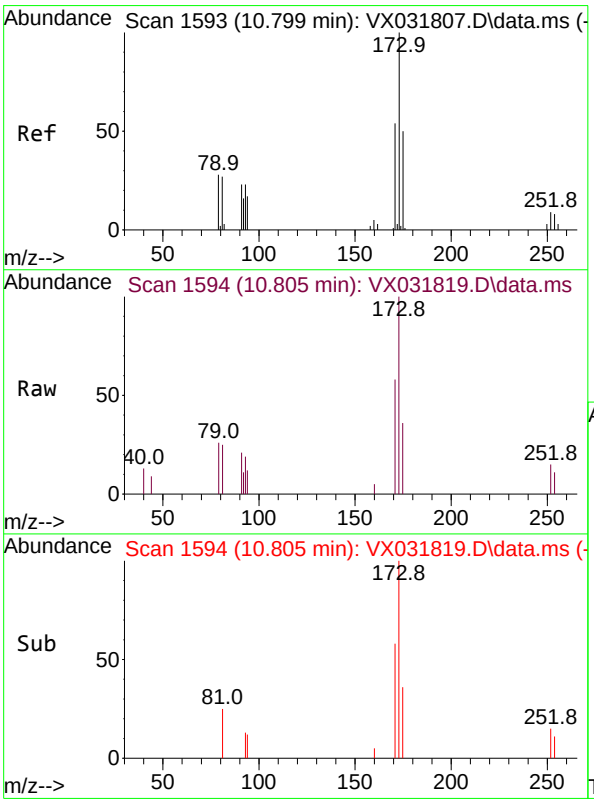

#55
2-Chloroethyl vinyl ether
Concen: 12.047 ug/l
RT: 8.244 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 63 Resp: 10604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 31.8 | 25.5 | 38.3 |
| 106 | 37.6 | 28.9 | 43.3 |

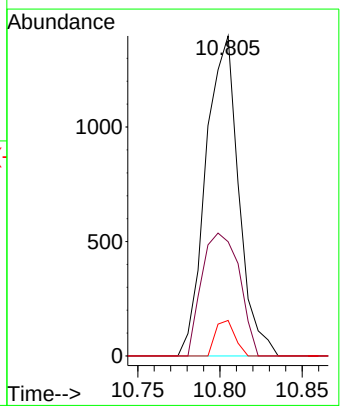


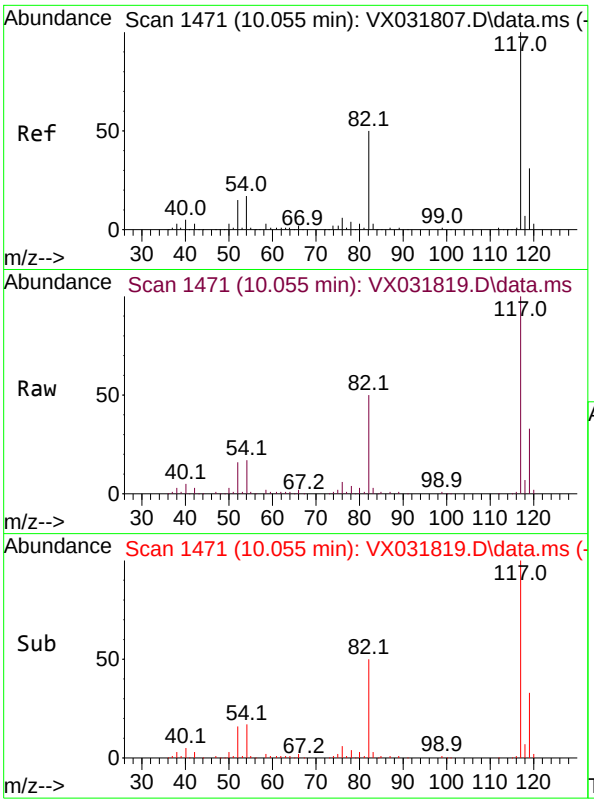




#56
Bromoform
Concen: 1.718 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion:173 Resp: 1942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 44.0 | 38.6 | 58.0 |
| 254 | 6.6 | 6.8 | 10.2# |



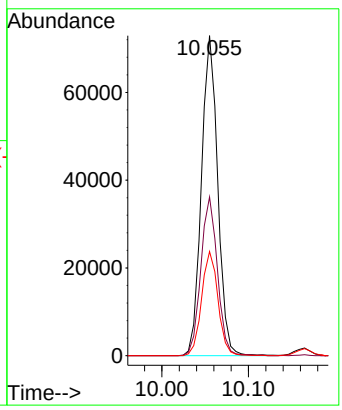


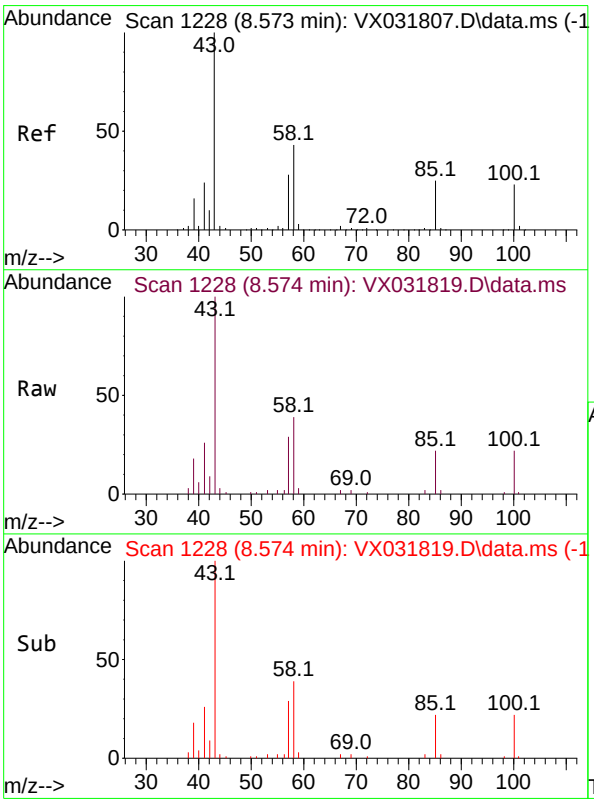

#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:117 Resp: 95276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 50.5 | 40.0 | 60.0 |
| 119 | 32.7 | 26.0 | 39.0 |

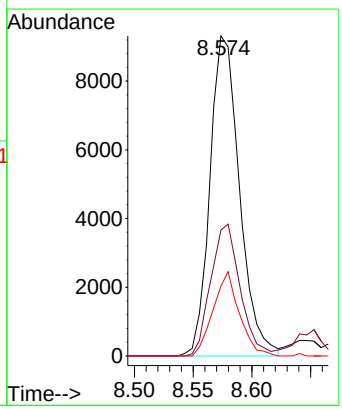


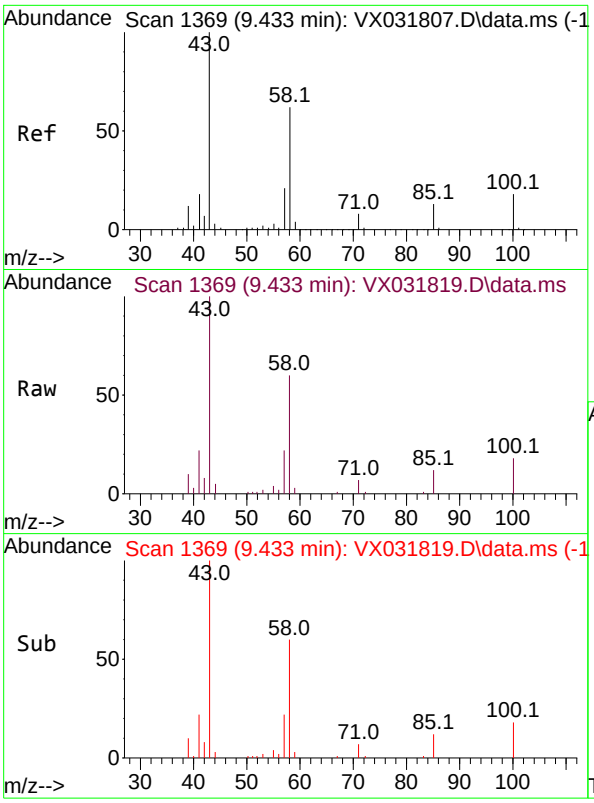




#58
4-Methyl-2-Pentanone
Concen: 12.744 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion: 43 Resp: 16324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 40.8 | 34.9 | 52.3 |
| 85 | 23.2 | 19.4 | 29.2 |



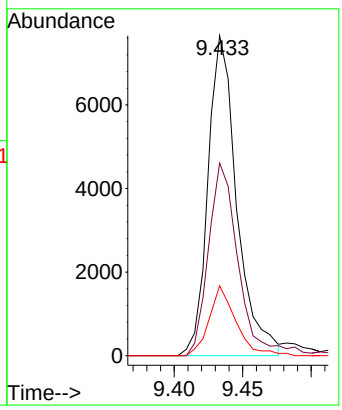


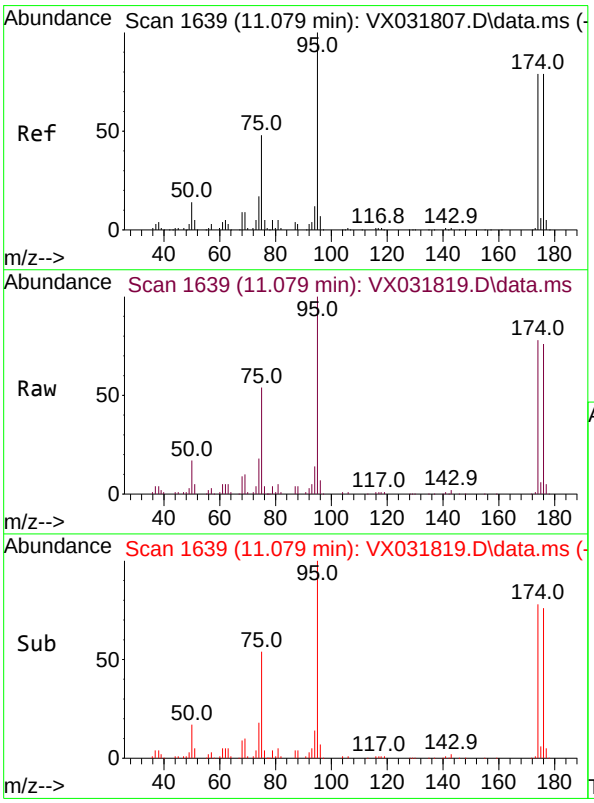

#59
2-Hexanone
Concen: 11.687 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 43 Resp: 11196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 62.4 | 49.0 | 73.6 |
| 57 | 19.6 | 17.0 | 25.4 |

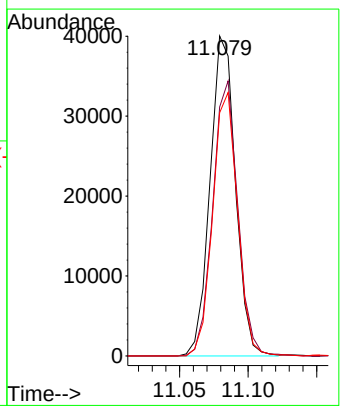


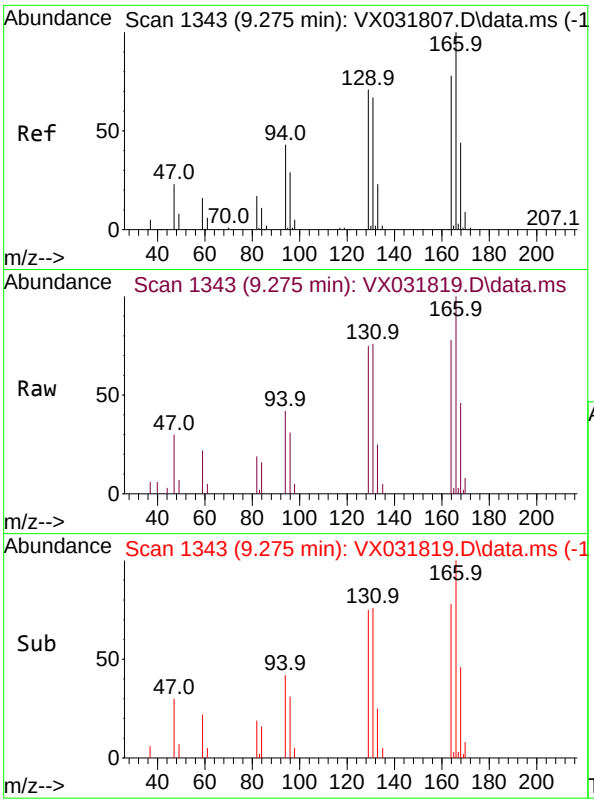




#60
4-Bromofluorobenzene
Concen: 29.197 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion: 95 Resp: 51485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 84.8 | 68.2 | 102.2 |
| 176 | 80.9 | 68.1 | 102.1 |



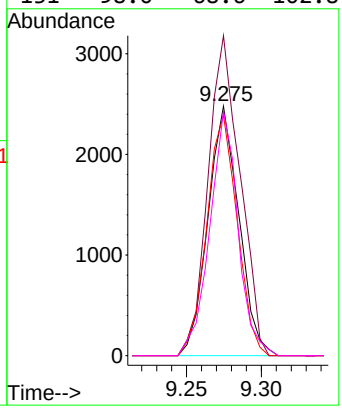


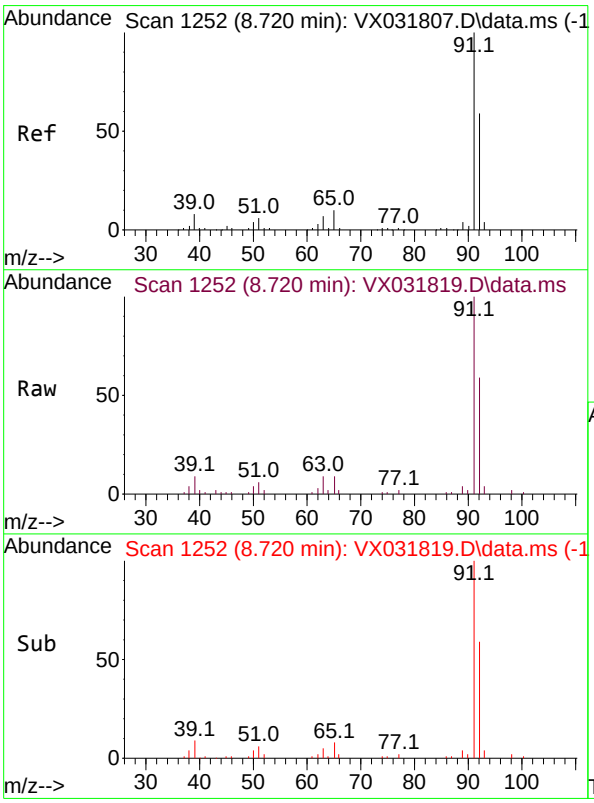

#61
Tetrachloroethene
Concen: 2.340 ug/l
RT: 9.275 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:164 Resp: 3580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 128.3 | 102.8 | 154.2 |
| 129 | 96.5 | 73.0 | 109.4 |
| 131 | 98.0 | 68.6 | 102.8 |

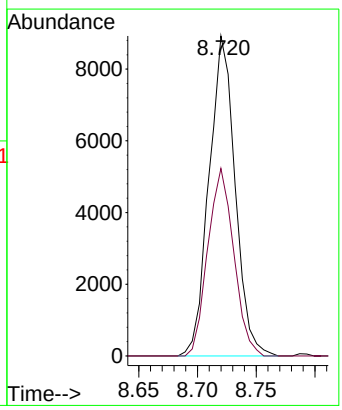


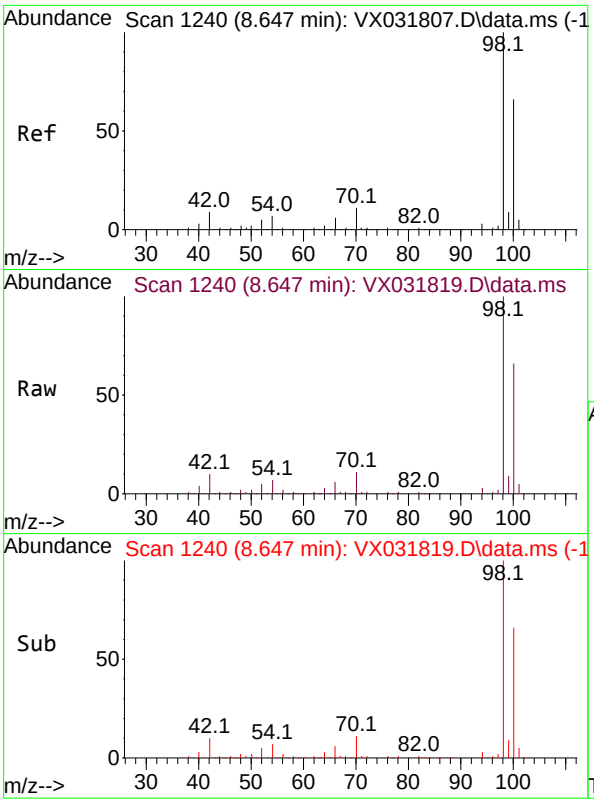




#62
Toluene
Concen: 2.531 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion: 91 Resp: 13804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 58.3 | 47.3 | 70.9 |



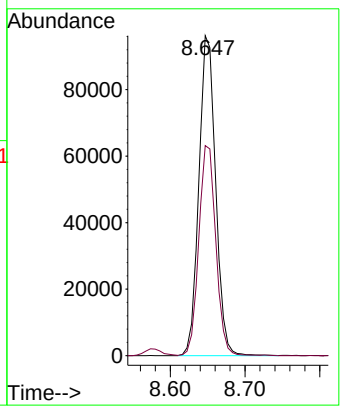


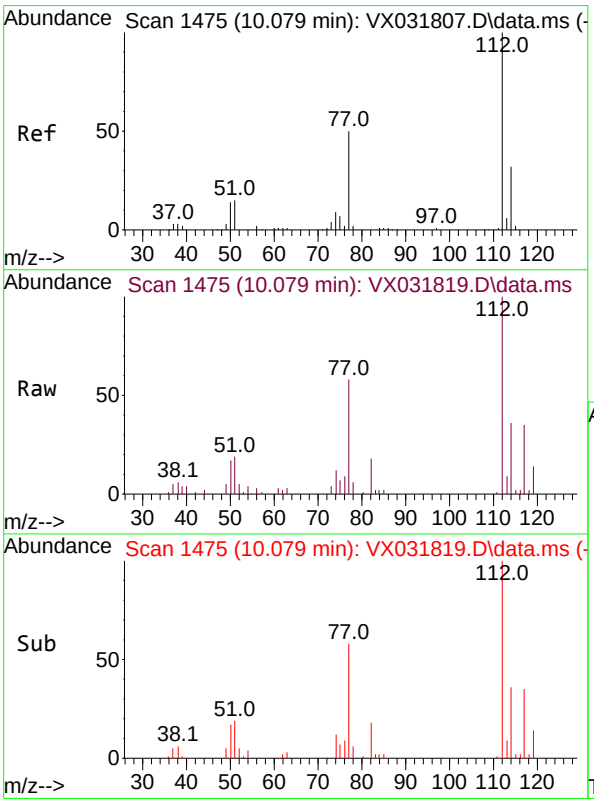

#63
Toluene-d8
Concen: 30.979 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 98 Resp: 149944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 66.6 | 53.8 | 80.8 |

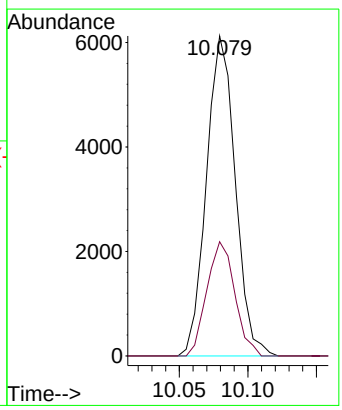


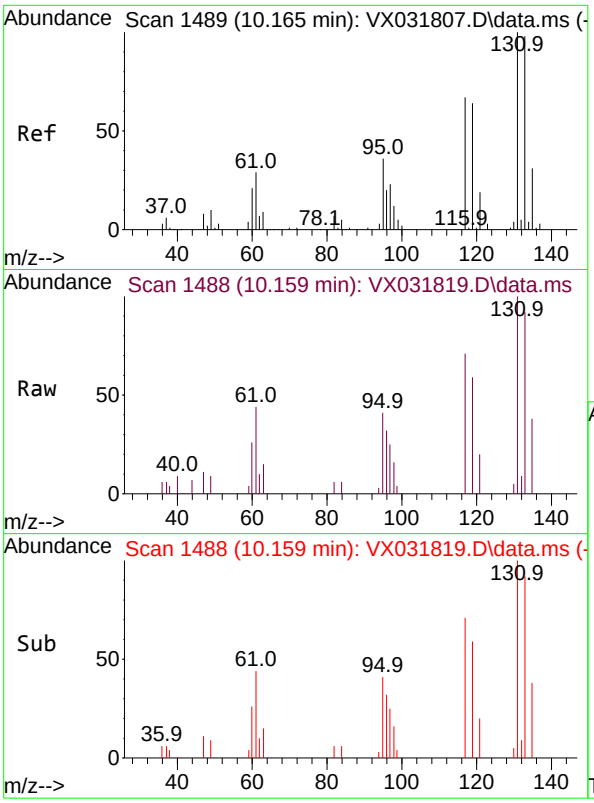




#64
Chlorobenzene
Concen: 2.412 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion:112 Resp: 8976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 35.7 | 25.7 | 38.5 |



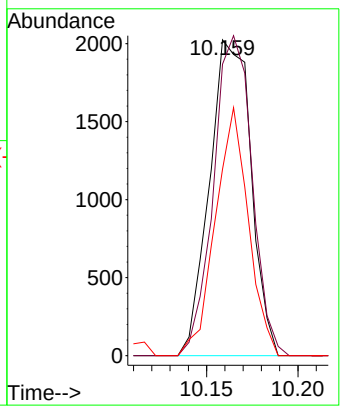


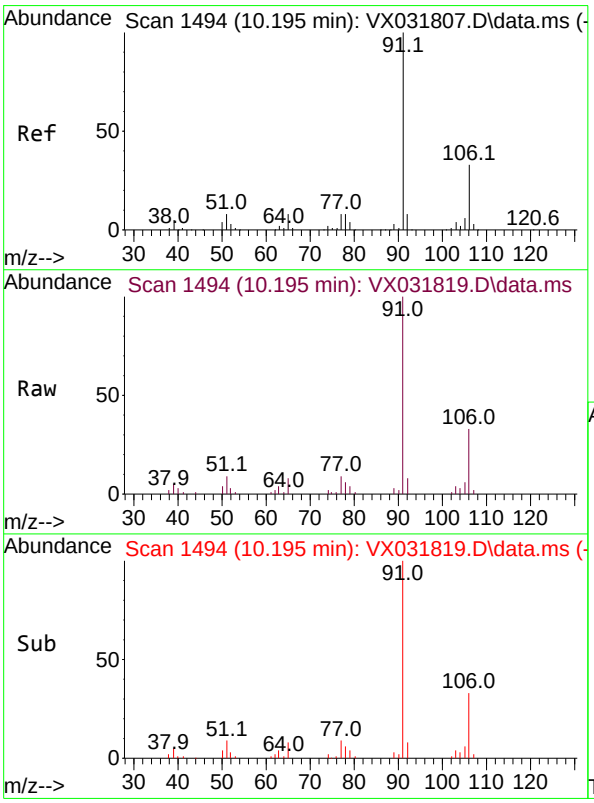

#65
1,1,1,2-Tetrachloroethane
Concen: 2.267 ug/l
RT: 10.159 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:131 Resp: 3199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 94.1 | 0.0 | 189.4 |
| 119 | 62.6 | 0.0 | 127.0 |

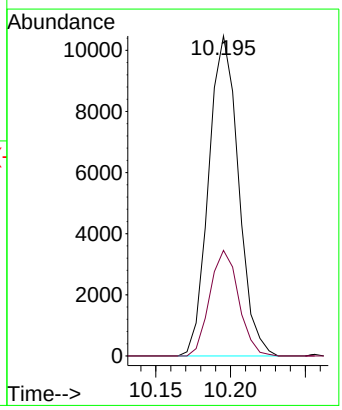


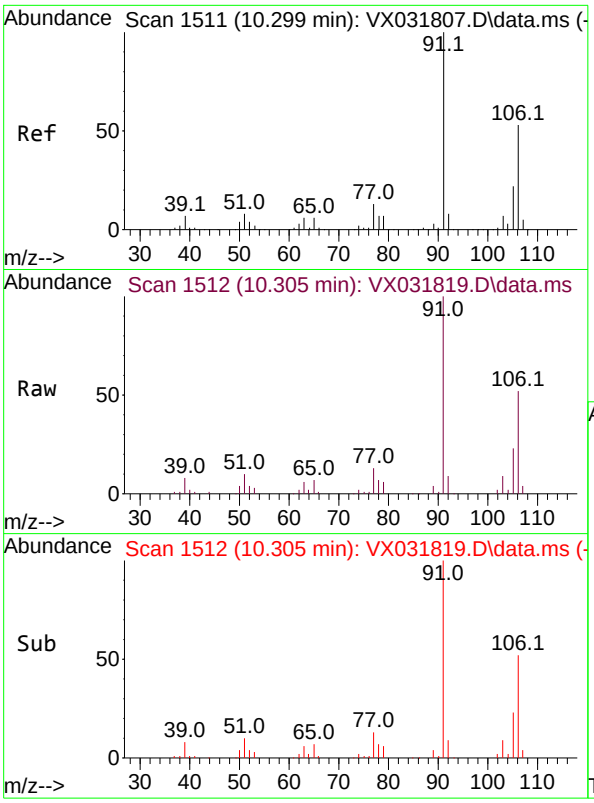




#66
Ethyl Benzene
Concen: 2.364 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion: 91 Resp: 14533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 33.0 | 26.7 | 40.1 |



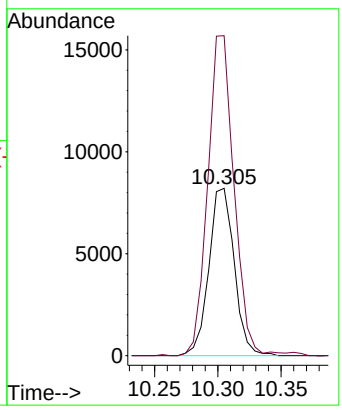


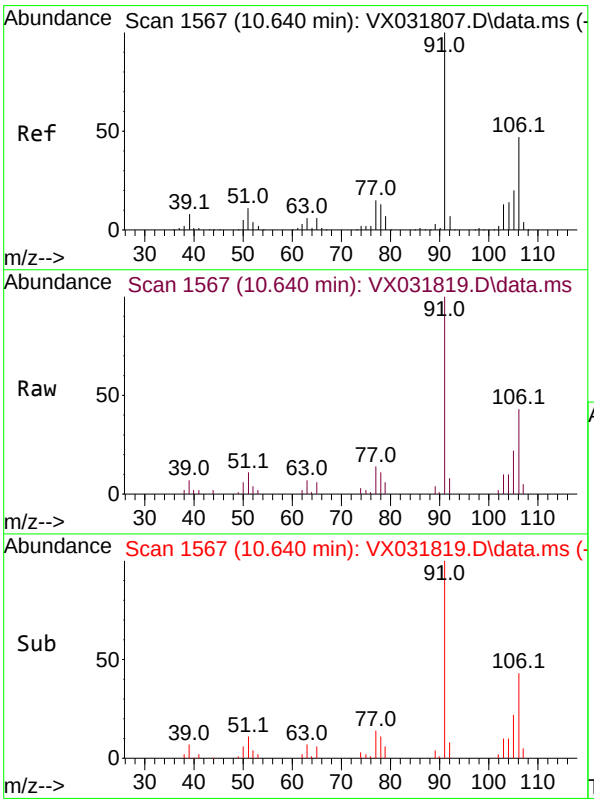

#67
m/p-Xylenes
Concen: 4.477 ug/l
RT: 10.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:106 Resp: 11462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 196.4 | 152.3 | 228.5 |

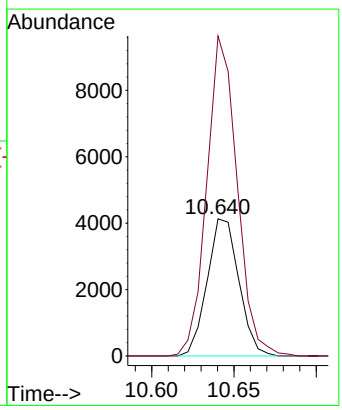


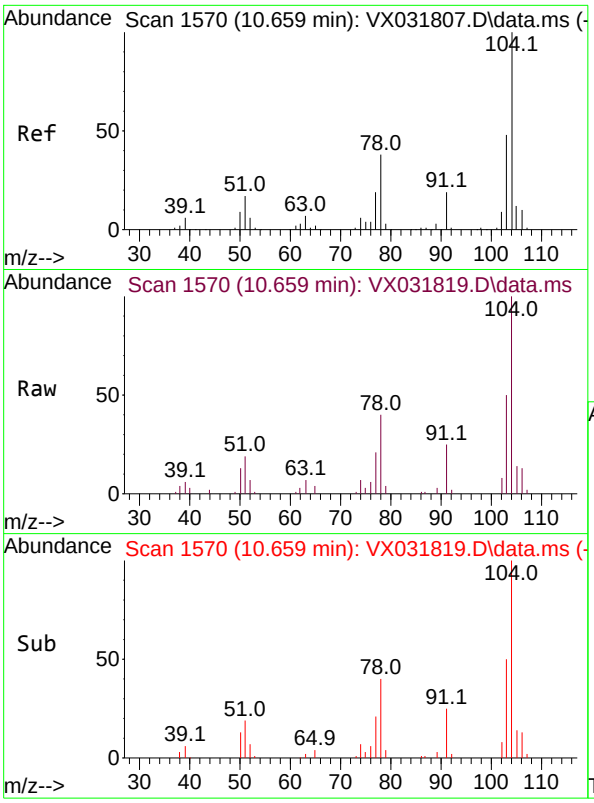




#68
o-Xylene
Concen: 2.205 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion:106 Resp: 5541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 223.8 | 101.9 | 305.7 |



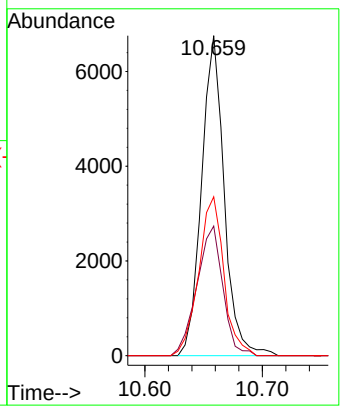


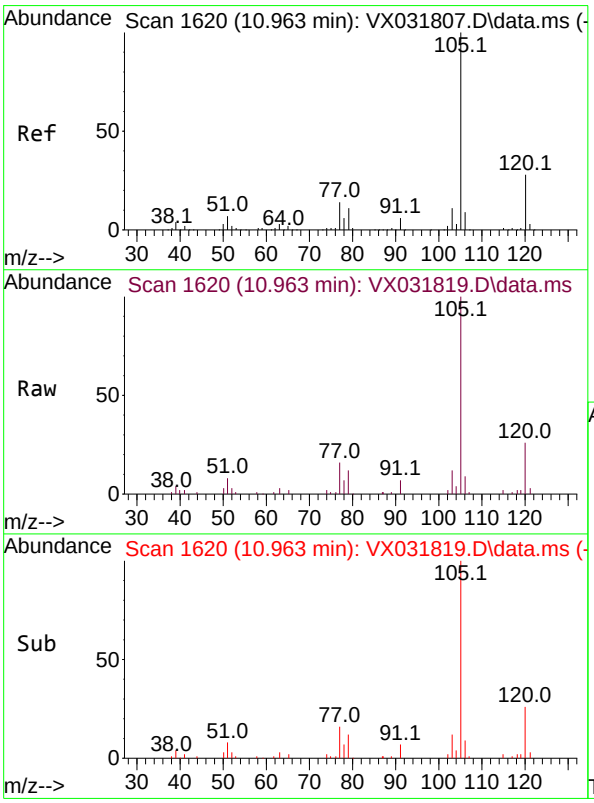

#69
Styrene
Concen: 2.216 ug/l
RT: 10.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:104 Resp: 9048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 46.3 | 36.6 | 55.0 |
| 103 | 55.2 | 43.3 | 64.9 |

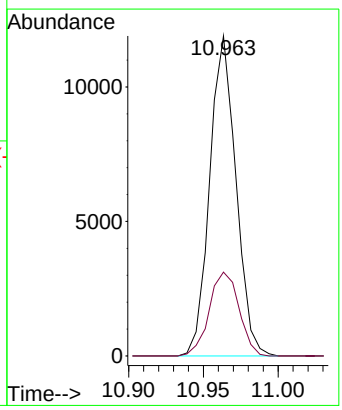


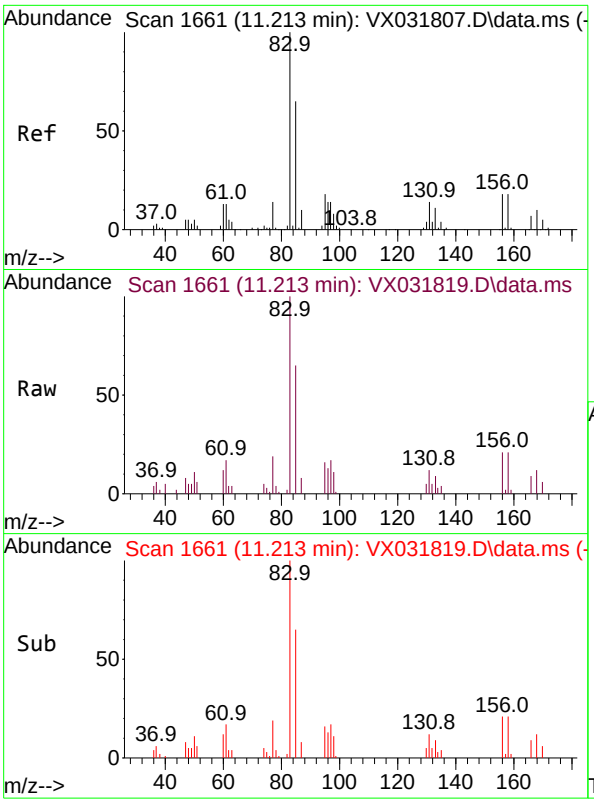




#70
Isopropylbenzene
Concen: 2.222 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion:105 Resp: 14512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 29.8 | 19.3 | 35.9 |



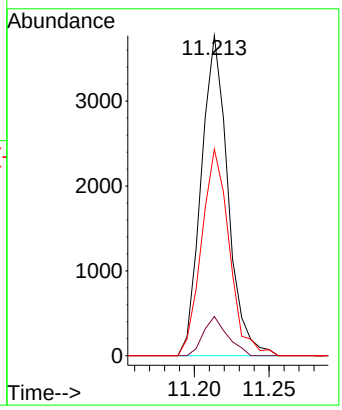


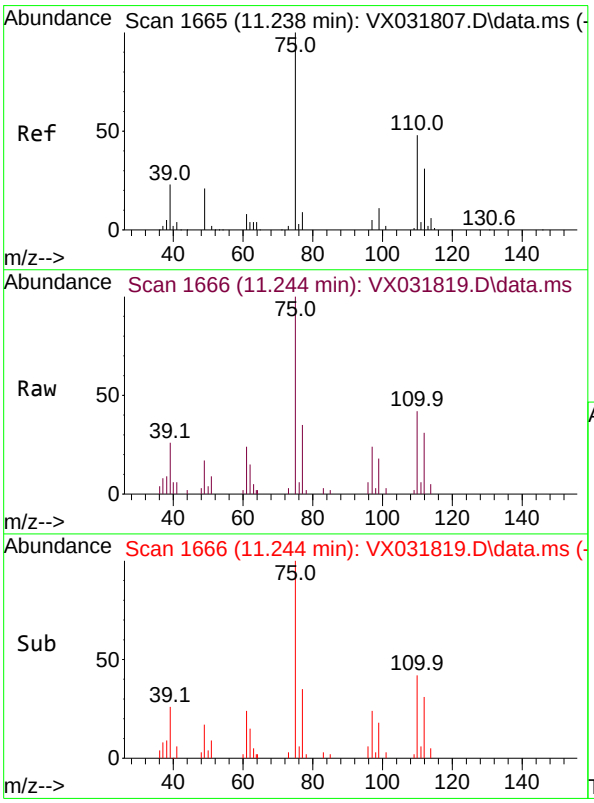

#71
1,1,2,2-Tetrachloroethane
Concen: 2.516 ug/l
RT: 11.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 83 Resp: 4684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 11.0 | 6.0 | 18.1 |
| 85 | 67.2 | 32.8 | 98.3 |

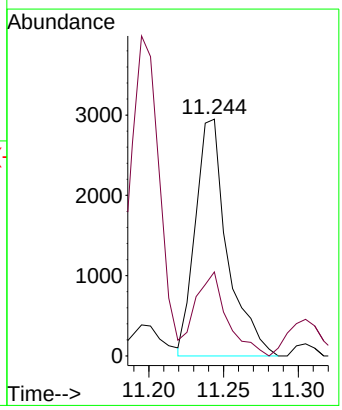


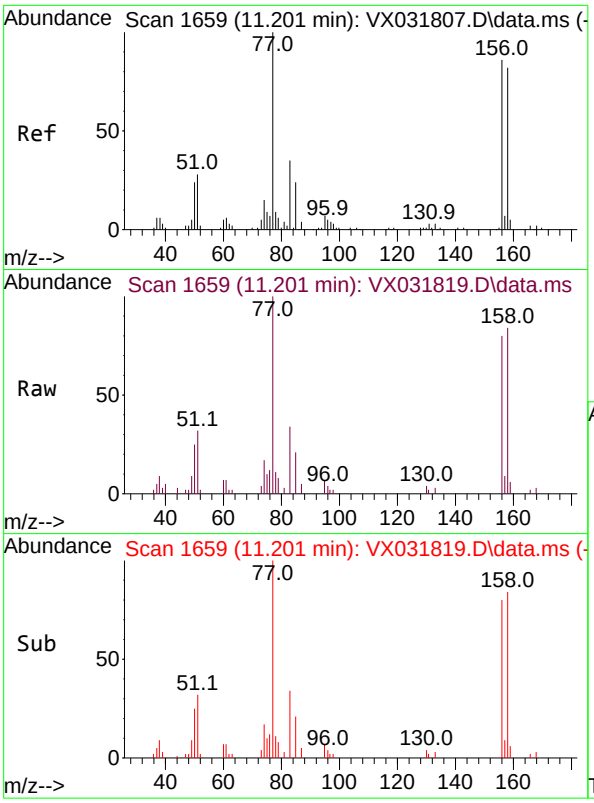




#72
1,2,3-Trichloropropane
Concen: 2.720 ug/l
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion: 75 Resp: 4391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 35.5 | 0.0 | 76.6 |



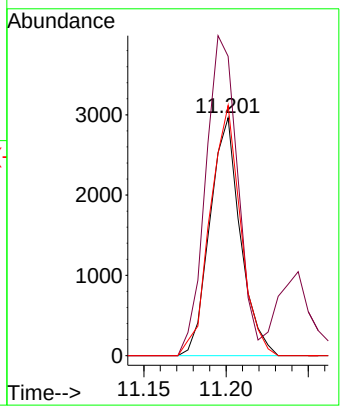


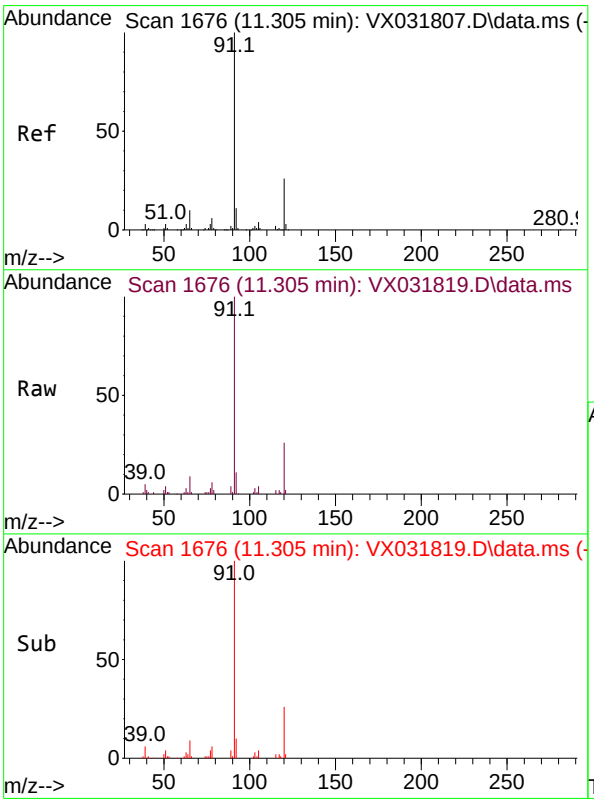

#73
Bromobenzene
Concen: 2.175 ug/l
RT: 11.201 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:156 Resp: 3811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 141.3 | 0.0 | 259.2 |
| 158 | 105.1 | 0.0 | 193.2 |

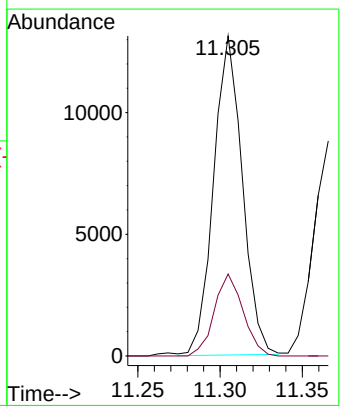


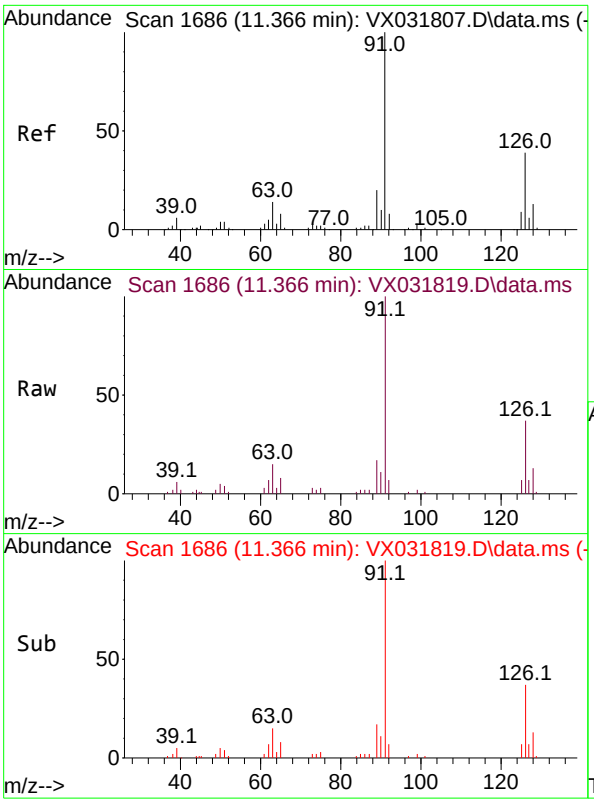




#74
n-propylbenzene
Concen: 2.216 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion: 91 Resp: 15910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 25.7 | 0.0 | 51.0 |



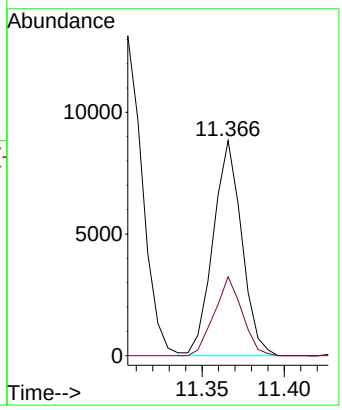


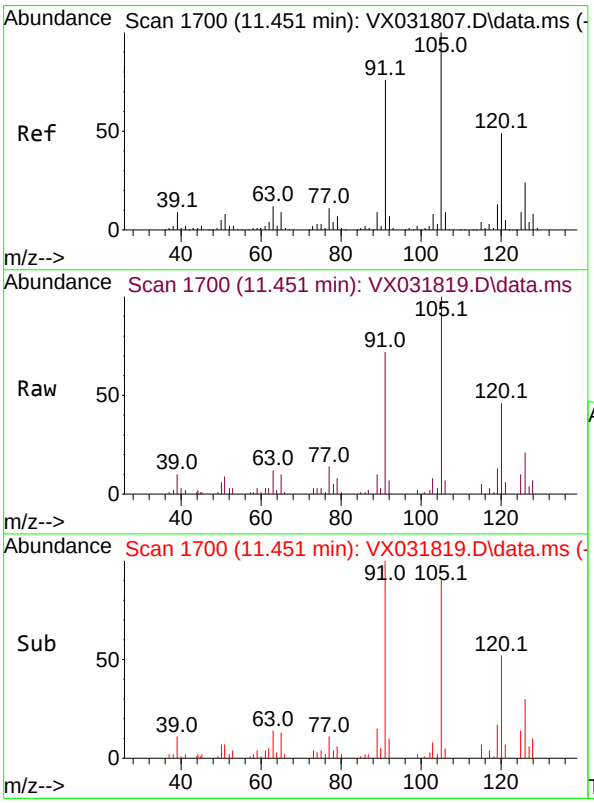

#75
2-Chlorotoluene
Concen: 2.481 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 91 Resp: 10709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 35.6 | 0.0 | 76.4 |

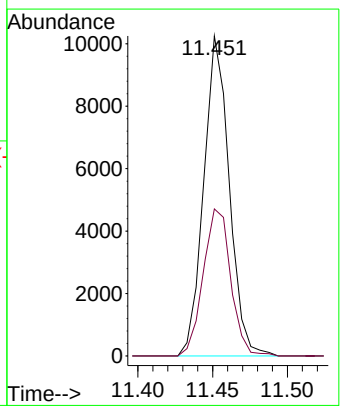


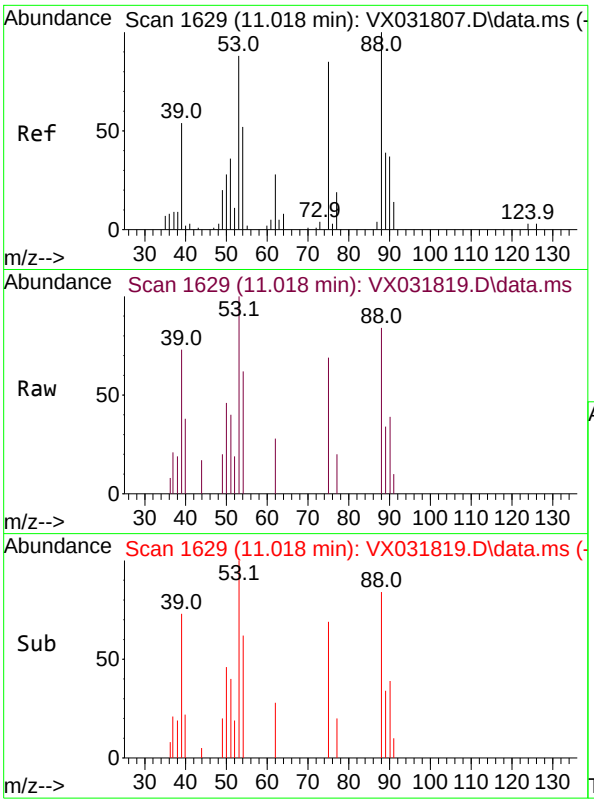




#76
1,3,5-Trimethylbenzene
Concen: 2.208 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion:105 Resp: 12156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 49.4 | 0.0 | 100.6 |



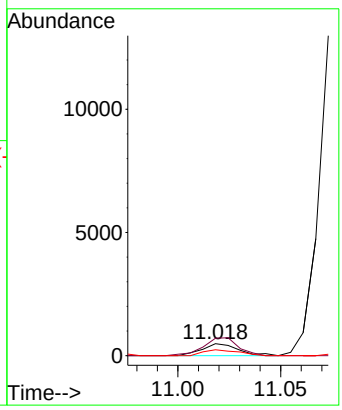


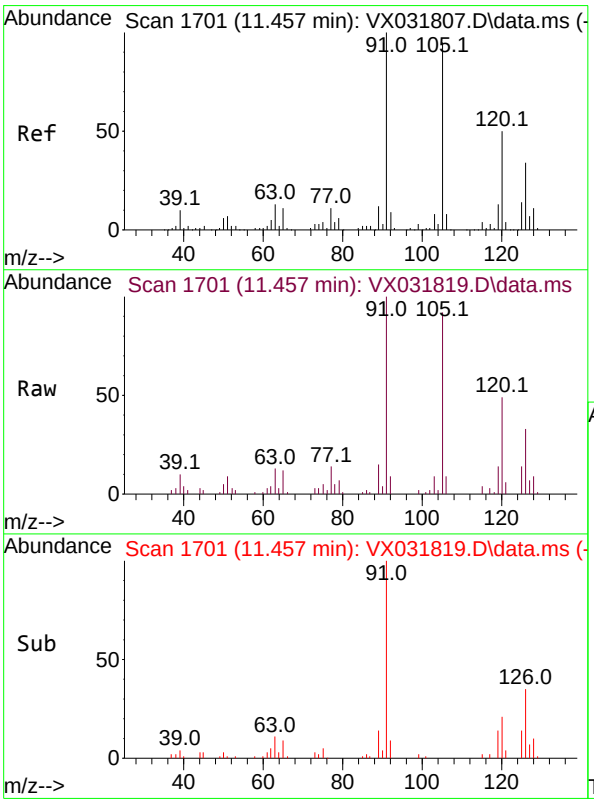

#77
t-1,4-Dichloro-2-butene
Concen: 1.277 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 75 Resp: 597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 145.6 | 51.8 | 155.4 |
| 89 | 49.5 | 22.9 | 68.8 |

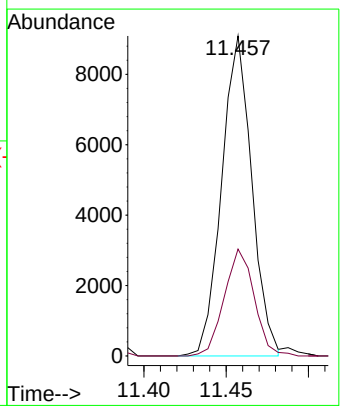


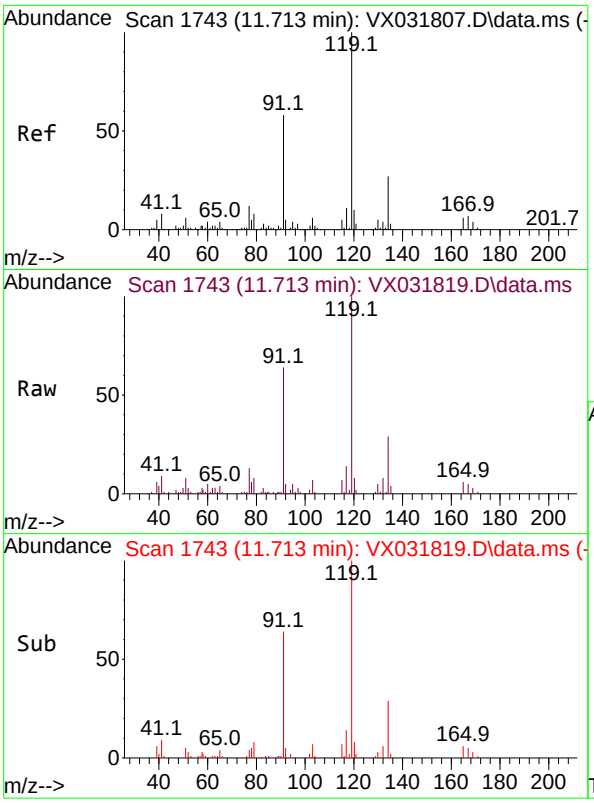




#78
4-Chlorotoluene
Concen: 2.354 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion: 91 Resp: 11585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 33.3 | 0.0 | 67.0 |



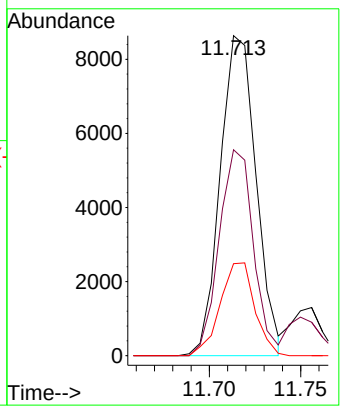


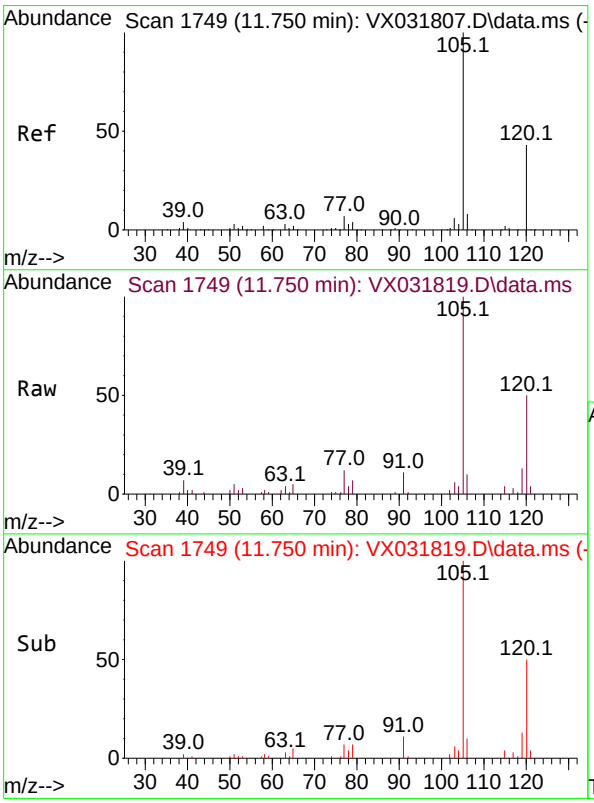

#79
tert-butylbenzene
Concen: 2.137 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:119 Resp: 11829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 61.4 | 0.0 | 112.0 |
| 134 | 28.0 | 0.0 | 51.0 |

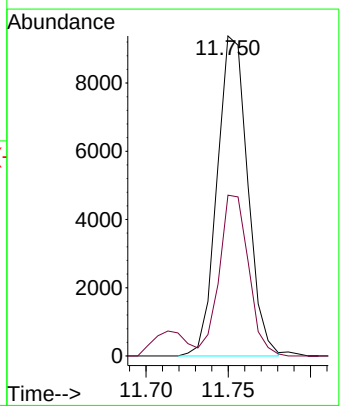


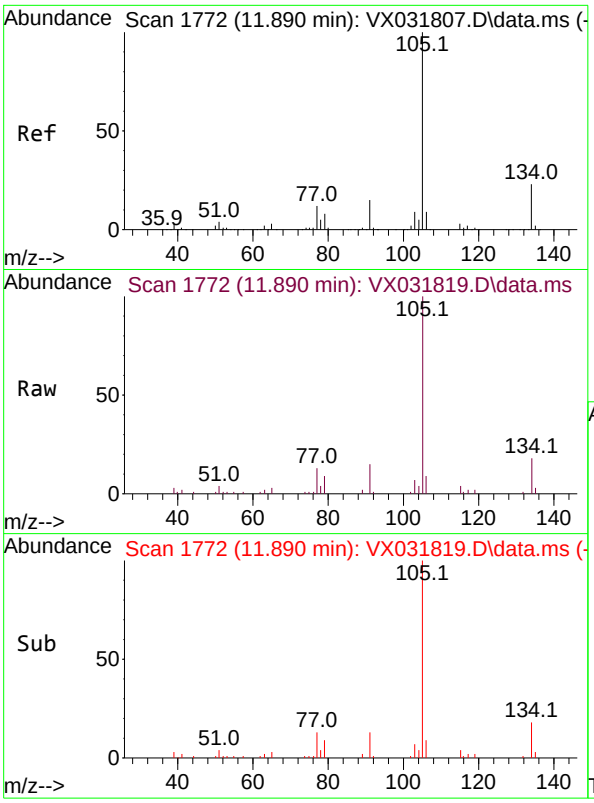




#80
1,2,4-Trimethylbenzene
Concen: 2.218 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion:105 Resp: 12109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 48.0 | 0.0 | 95.0 |



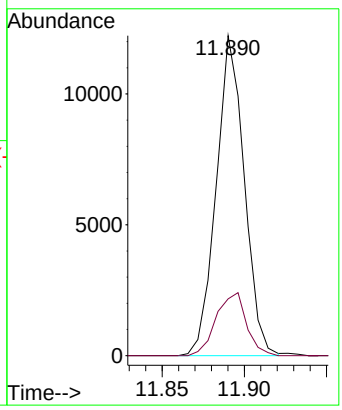


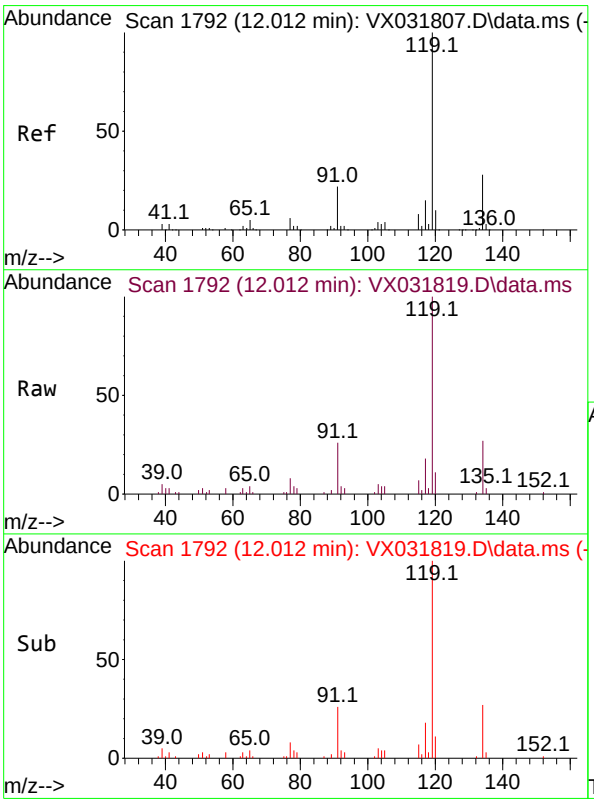

#81
sec-Butylbenzene
Concen: 2.143 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:105 Resp: 14522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 21.2 | 0.0 | 44.4 |

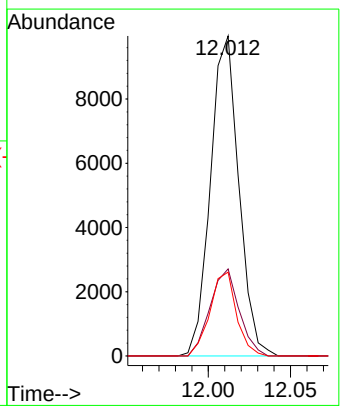


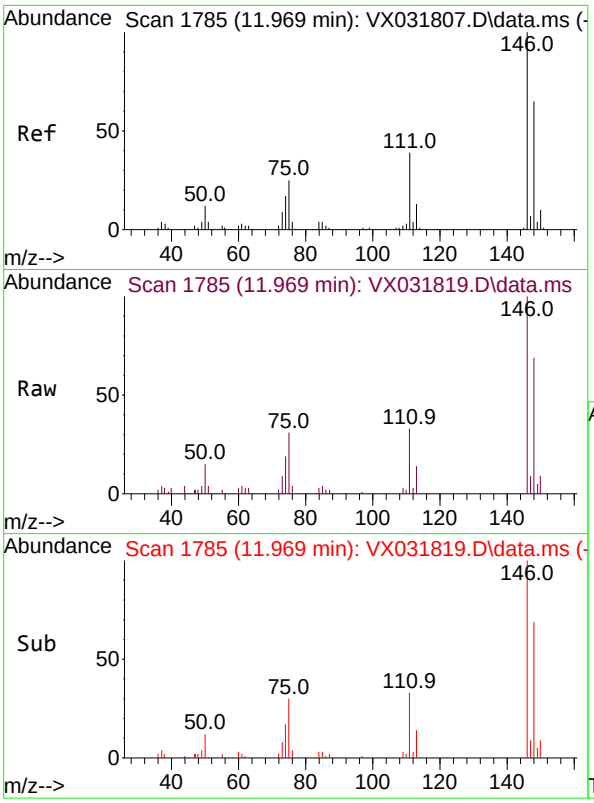




#82
p-Isopropyltoluene
Concen: 2.006 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion:119 Resp: 11948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 27.9 | 0.0 | 55.4 |
| 91 | 24.5 | 0.0 | 45.6 |



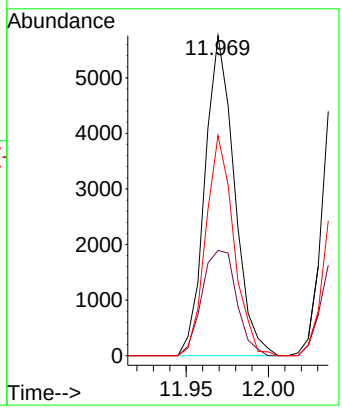


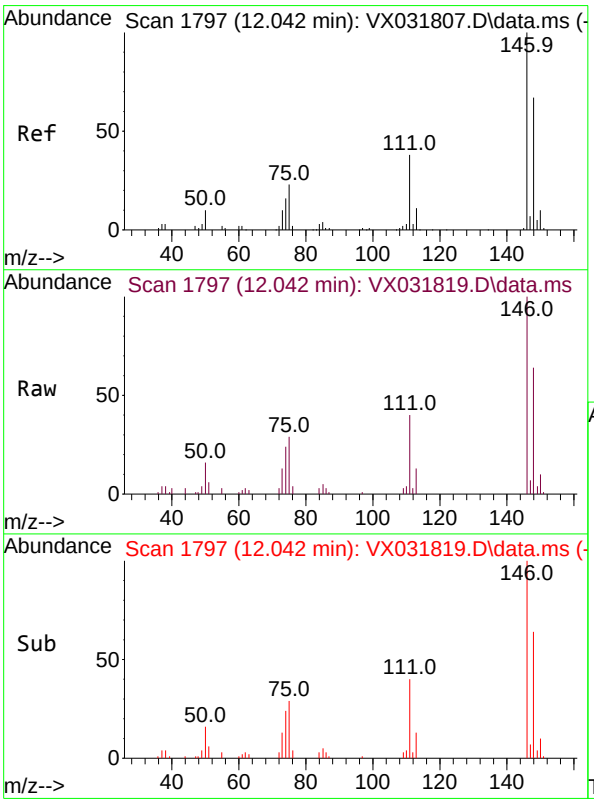

#83
1,3-Dichlorobenzene
Concen: 2.152 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:146 Resp: 7134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.9 | 19.4 | 58.1 |
| 148 | 65.3 | 32.6 | 97.7 |

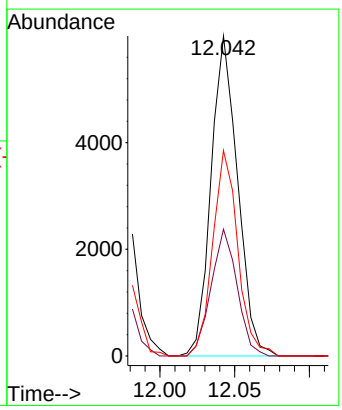


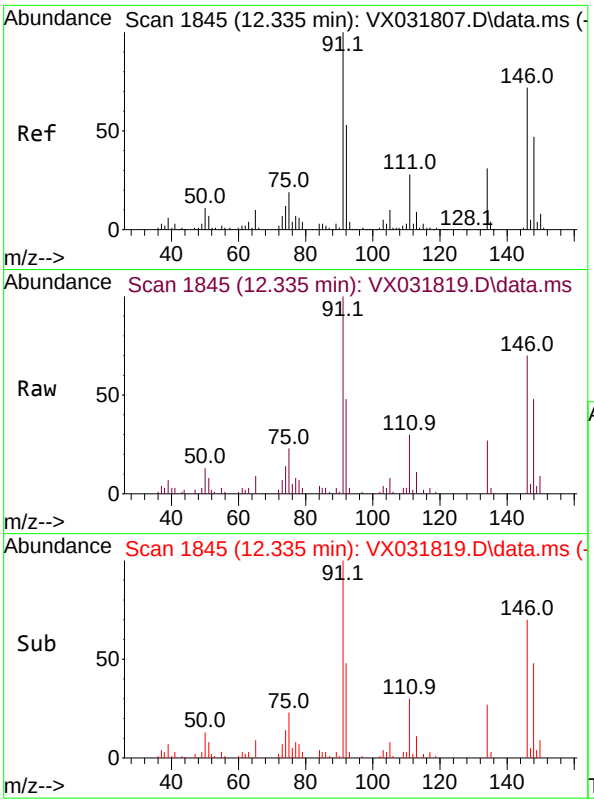




#84
1,4-Dichlorobenzene
Concen: 2.178 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion:146 Resp: 7404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 38.8 | 18.9 | 56.5 |
| 148 | 60.9 | 31.6 | 95.0 |



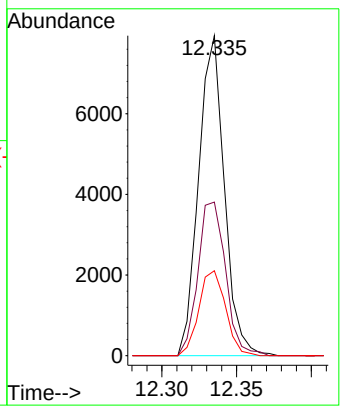


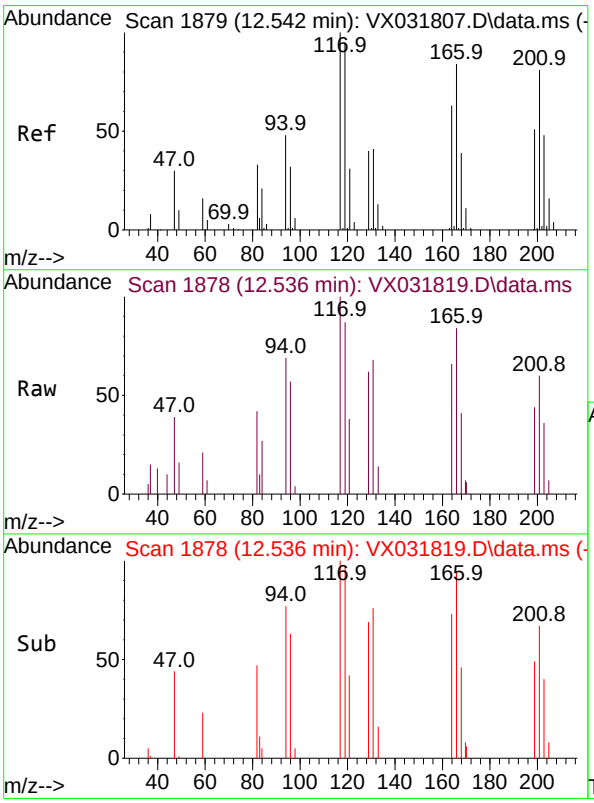

#85
n-Butylbenzene
Concen: 2.069 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 91 Resp: 9504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 51.6 | 0.0 | 108.4 |
| 134 | 27.6 | 0.0 | 60.6 |

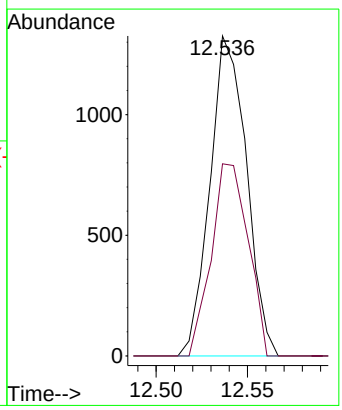


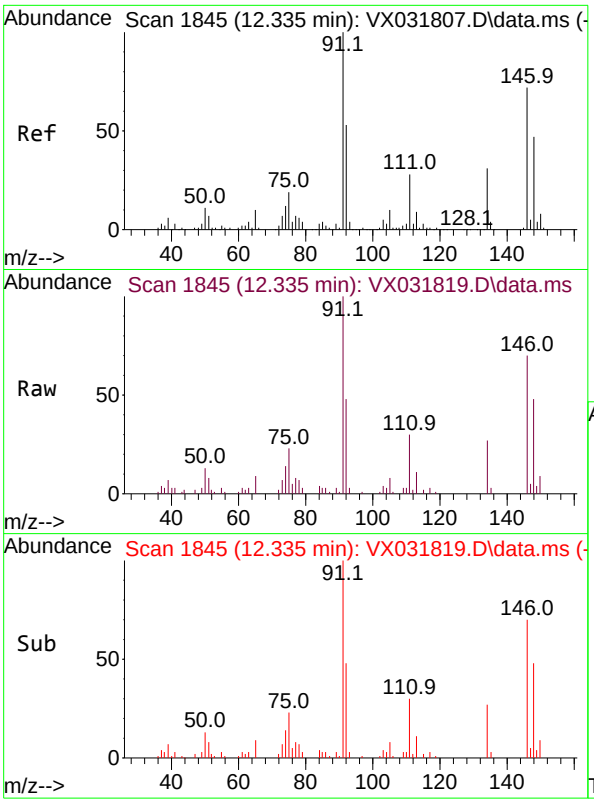




#86
Hexachloroethane
Concen: 1.973 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion:117 Resp: 1845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 60.6 | 37.7 | 113.1 |



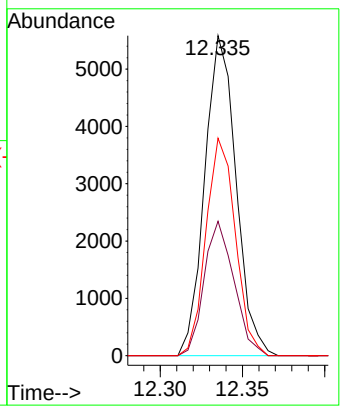


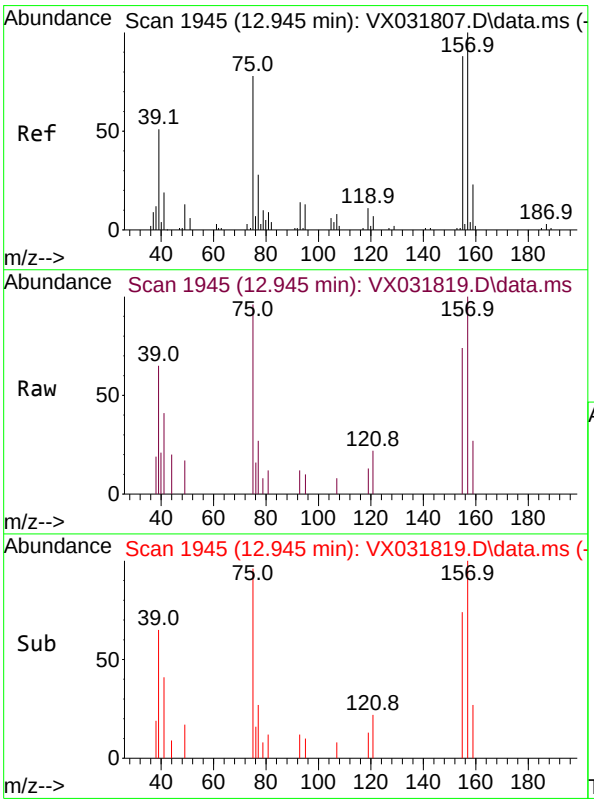

#87
1,2-Dichlorobenzene
Concen: 2.239 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:146 Resp: 7406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.0 | 20.0 | 60.0 |
| 148 | 63.7 | 33.0 | 99.0 |

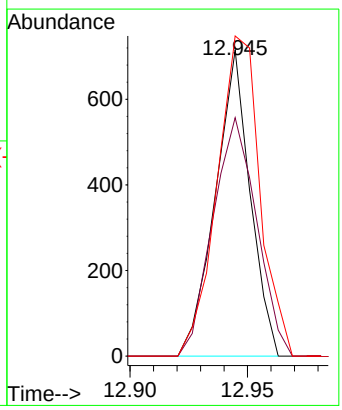


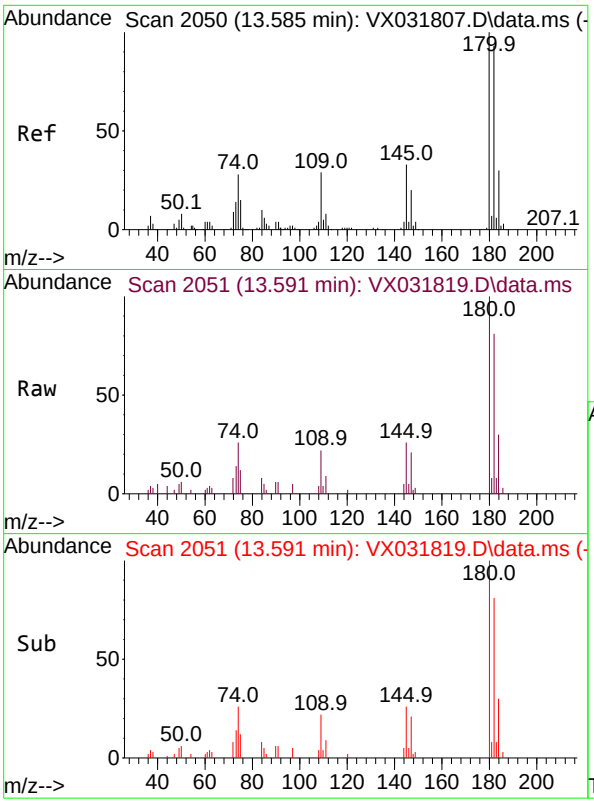




#88
1,2-Dibromo-3-Chloropropane
Concen: 1.970 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion: 75 Resp: 736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 98.0 | 85.0 | 127.6 |
| 157 | 128.9 | 101.0 | 151.6 |



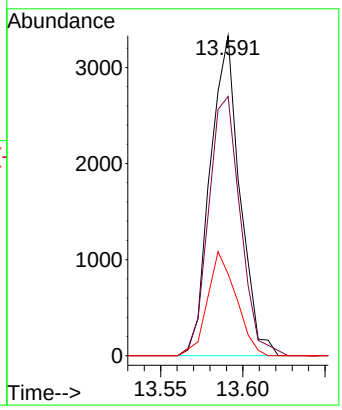


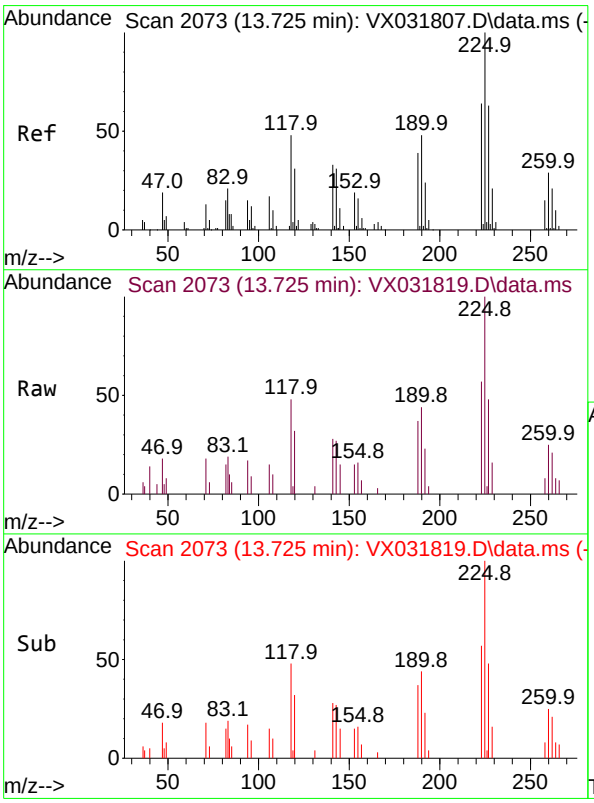

#89
1,2,4-Trichlorobenzene
Concen: 1.957 ug/l
RT: 13.591 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:180 Resp: 4188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 86.5 | 75.3 | 112.9 |
| 145 | 31.3 | 25.9 | 38.9 |

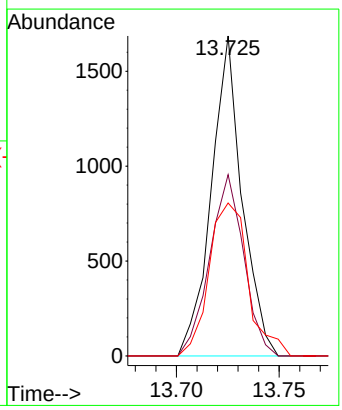


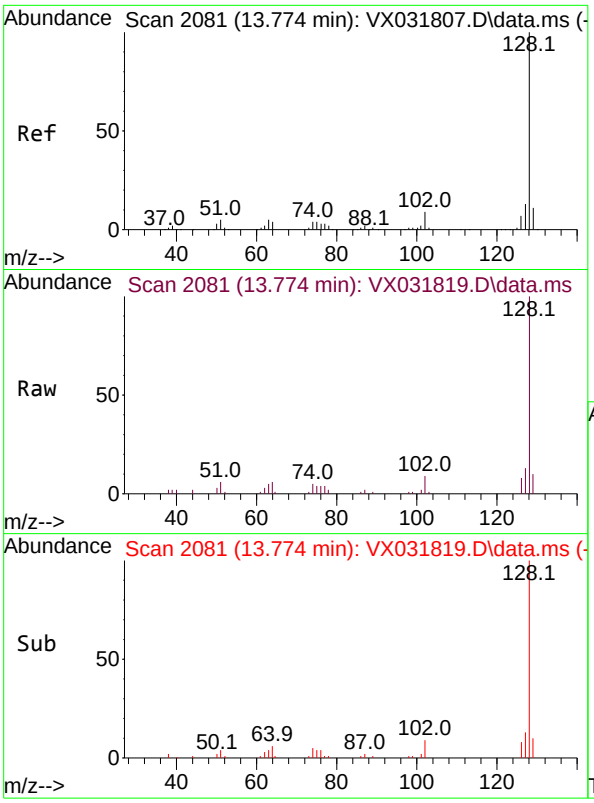




#90
Hexachlorobutadiene
Concen: 2.044 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion:225 Resp: 1757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.5 | 0.0 | 126.0 |
| 227 | 60.7 | 0.0 | 127.6 |



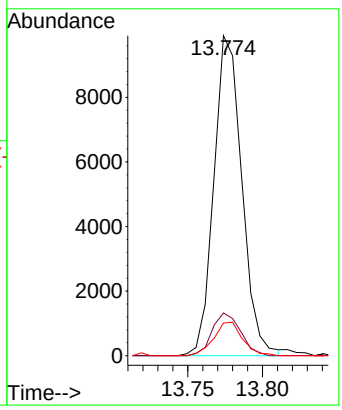


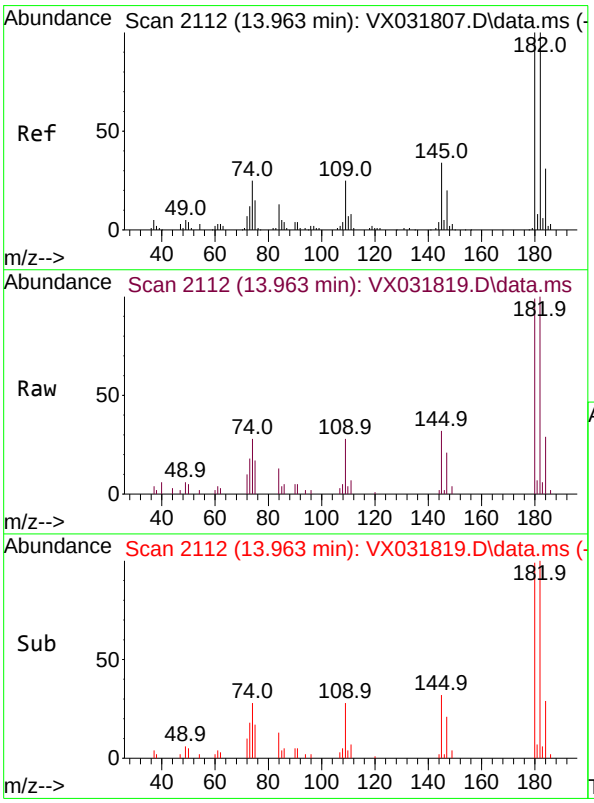

#91
Naphthalene
Concen: 1.883 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

**Instrument :**
MSVOA_X
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:128 Resp: 12893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.5 | 9.9 | 14.9 |
| 129 | 10.9 | 8.4 | 12.6 |




#92
1,2,3-Trichlorobenzene
Concen: 2.034 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX031819.D
Acq: 30 Sep 2022 18:16

Tgt Ion:180 Resp: 4311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.7 | 0.0 | 199.0 |
| 145 | 30.9 | 0.0 | 68.2 |