Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
Data File : VX038261.D
Acq On : 12 Oct 2023 16:59
Operator : JC/MD
Sample : 04875-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**

Quant Time: Oct 13 04:52:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.556 | 168 | 103973 | 50.000 | ug/l | # 0.00 |
| 34) 1,4-Difluorobenzene | 6.763 | 114 | 187963 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 196117 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 99134 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.958 | 65 | 79523 | 47.552 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 95.100% | | | |
| 35) Dibromofluoromethane | 5.391 | 113 | 62206 | 45.929 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 91.860% | | | |
| 50) Toluene-d8 | 8.647 | 98 | 240347 | 46.440 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 92.880% | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 91851 | 46.813 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 93.620% | | | |
| Target Compounds | | | | | | Qvalue |
| 5) Bromomethane | 1.374 | 94 | 50 | Below Cal | # | 3 |
| 6) Chloroethane | 1.679 | 64 | 180 | Below Cal | | 92 |
| 14) Allyl chloride | 2.532 | 41 | 716 | 0.421 | ug/l # | 82 |
| 16) Acetone | 2.380 | 43 | 2240 | 3.209 | ug/l | 95 |
| 20) Methylene Chloride | 2.794 | 84 | 650 | 0.495 | ug/l # | 81 |
| 31) Cyclohexane | 5.550 | 56 | 2767 | 1.527 | ug/l # | 29 |
| 36) 1,1-Dichloropropene | 5.550 | 75 | 9051 | 4.846 | ug/l # | 50 |
| 38) Carbon Tetrachloride | 5.556 | 117 | 10542 | 5.738 | ug/l # | 15 |
| 51) 4-Methyl-2-Pentanone | 8.653 | 43 | 989 | 0.433 | ug/l # | 1 |
| 76) 1,2,3-Trichloropropane | 11.079 | 75 | 50830 | 22.554 | ug/l # | 39 |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75 | 50830 | 64.578 | ug/l # | 5 |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
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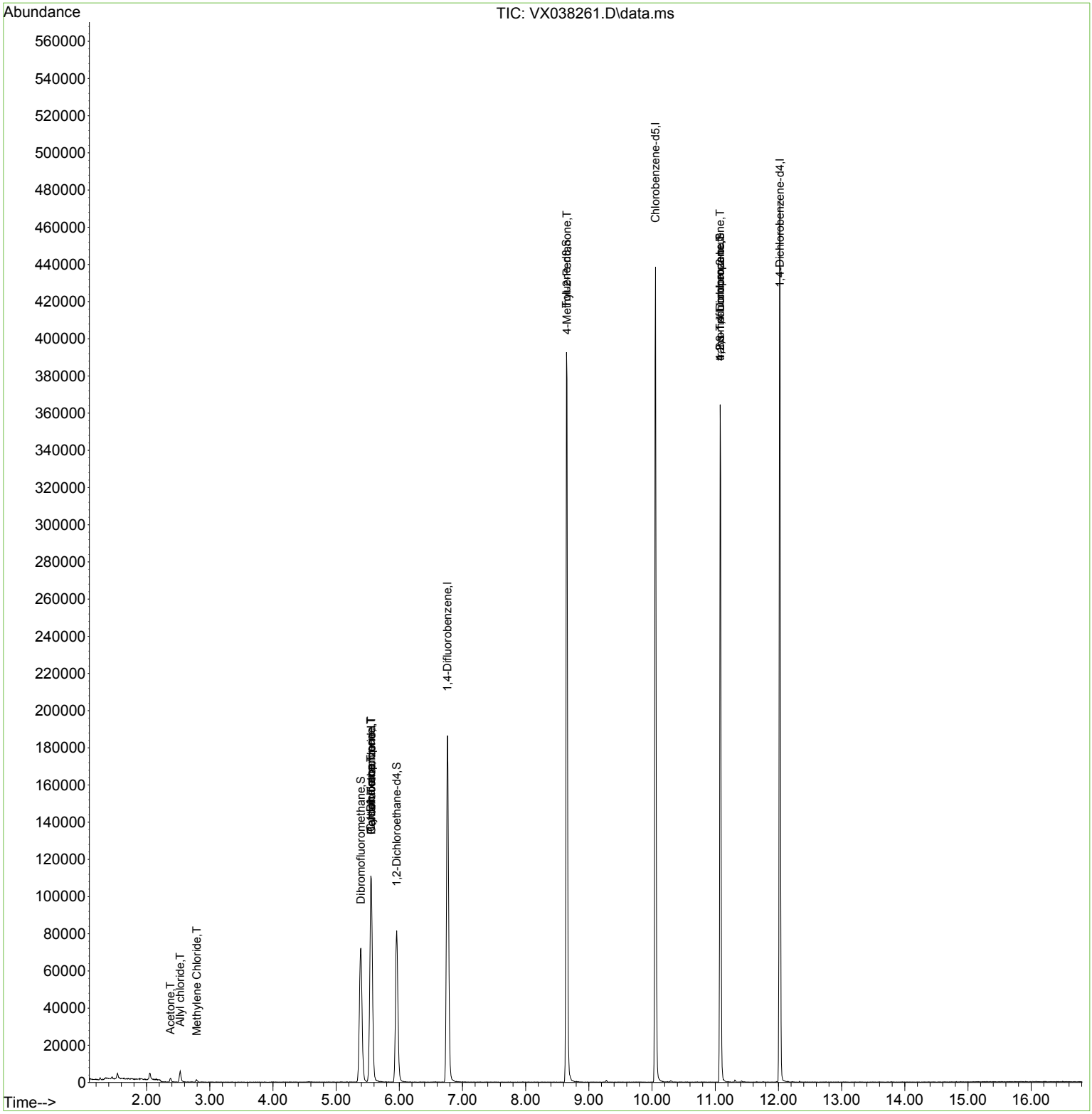
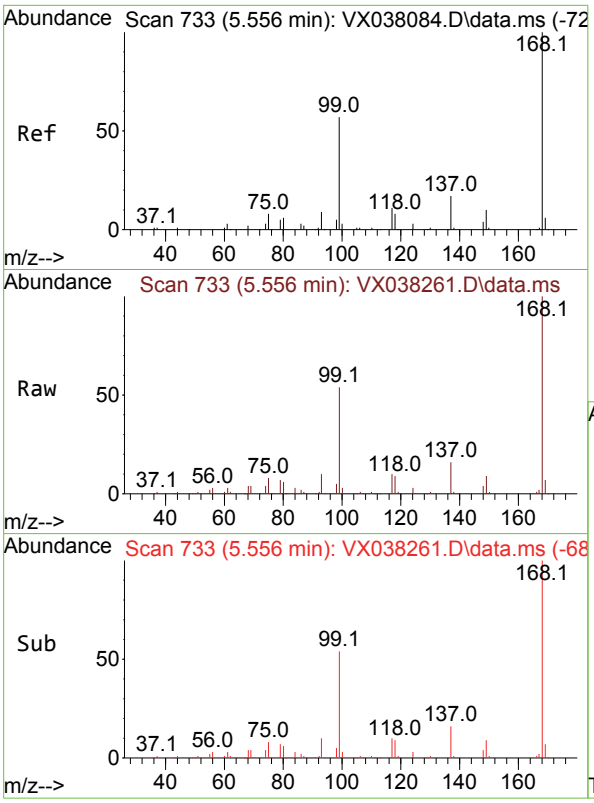
Sample : 04875-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**

Quant Time: Oct 13 04:52:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



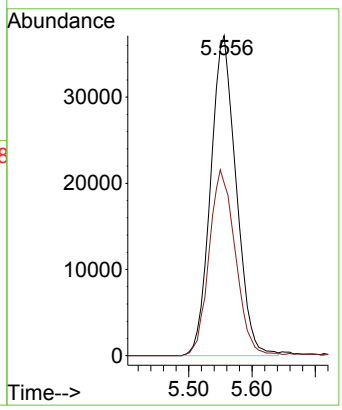


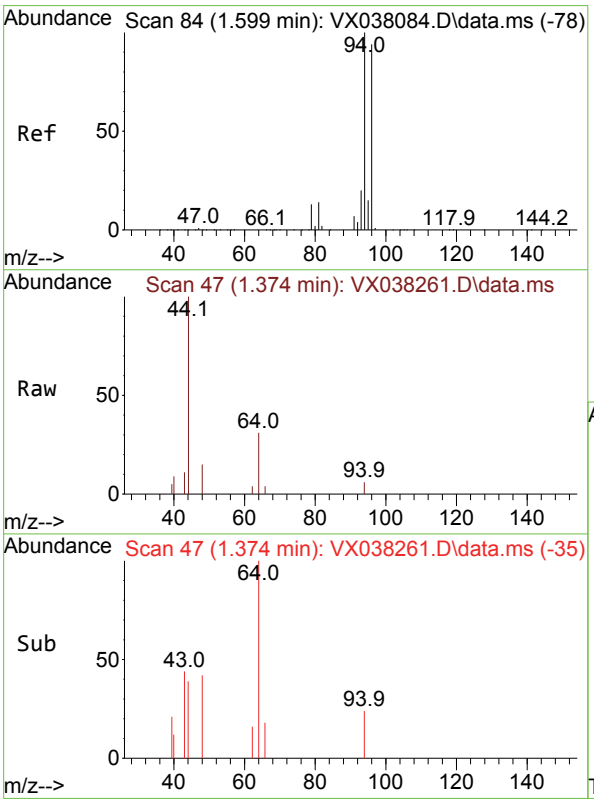

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX038261.D
Acq: 12 Oct 2023 16:59

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:168 Resp: 103973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 53.9 | 56.6 | 85.0# |

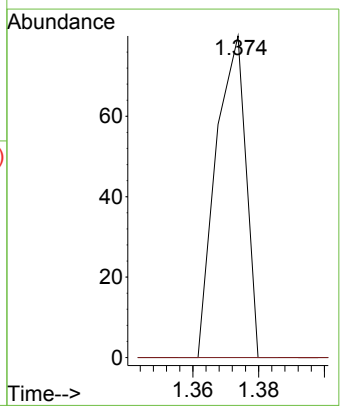


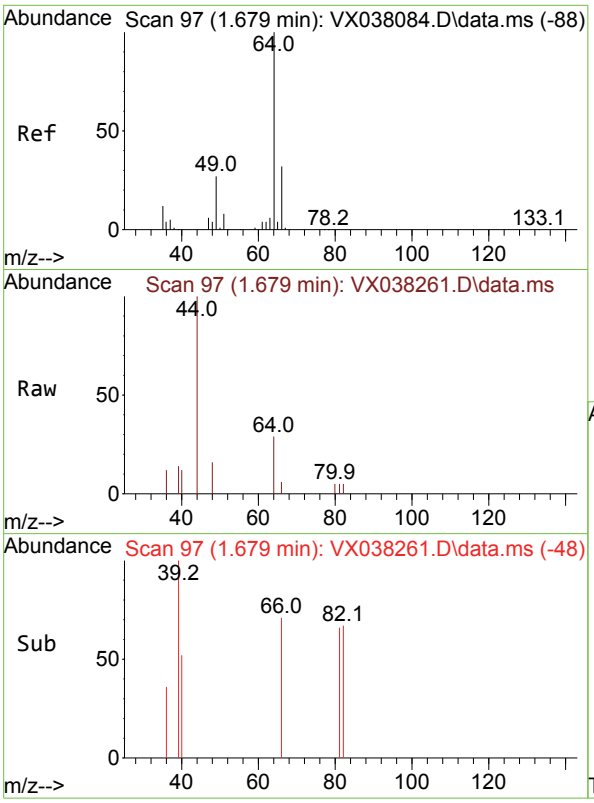




#5
Bromomethane
Concen: Below Cal
RT: 1.374 min Scan# 47
Delta R.T. -0.225 min
Lab File: VX038261.D
Acq: 12 Oct 2023 16:59

Tgt Ion: 94 Resp: 50

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 0.0 | 74.6 | 111.8# |



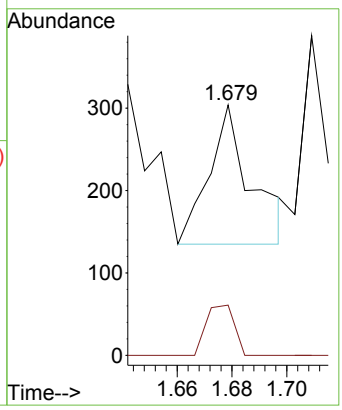


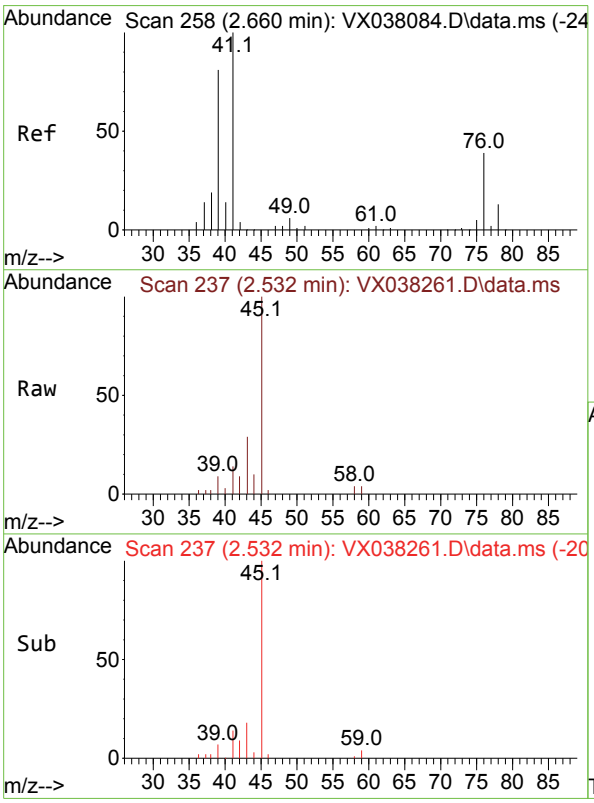

#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX038261.D
Acq: 12 Oct 2023 16:59

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 64 Resp: 180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 36.1 | 25.1 | 37.7 |

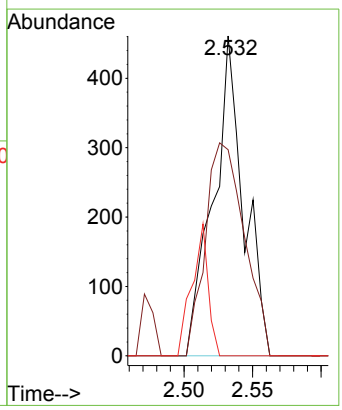


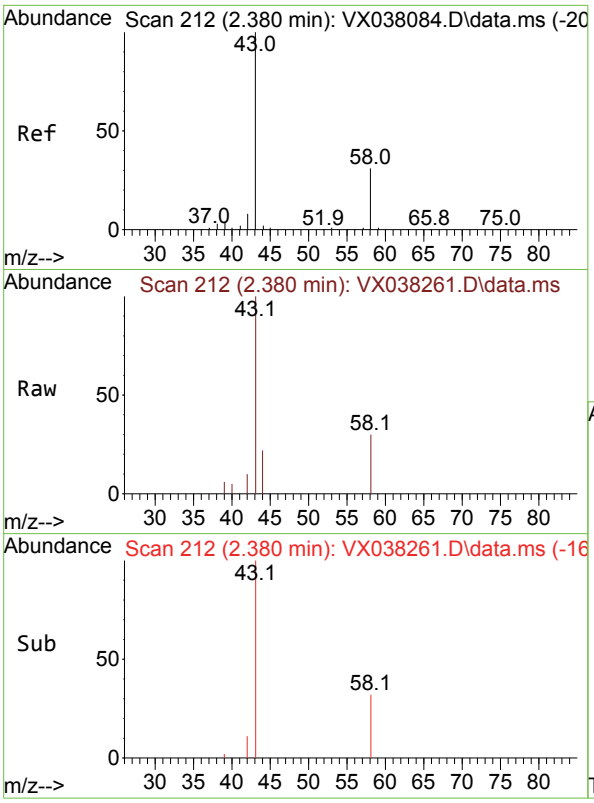




#14
Allyl chloride
Concen: 0.421 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.128 min
Lab File: VX038261.D
Acq: 12 Oct 2023 16:59

Tgt Ion: 41 Resp: 716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 85.2 | 55.8 | 83.6# |
| 76 | 22.1 | 24.3 | 36.5# |



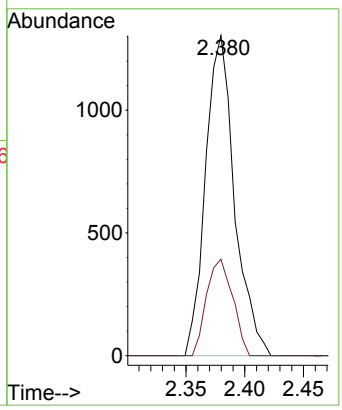


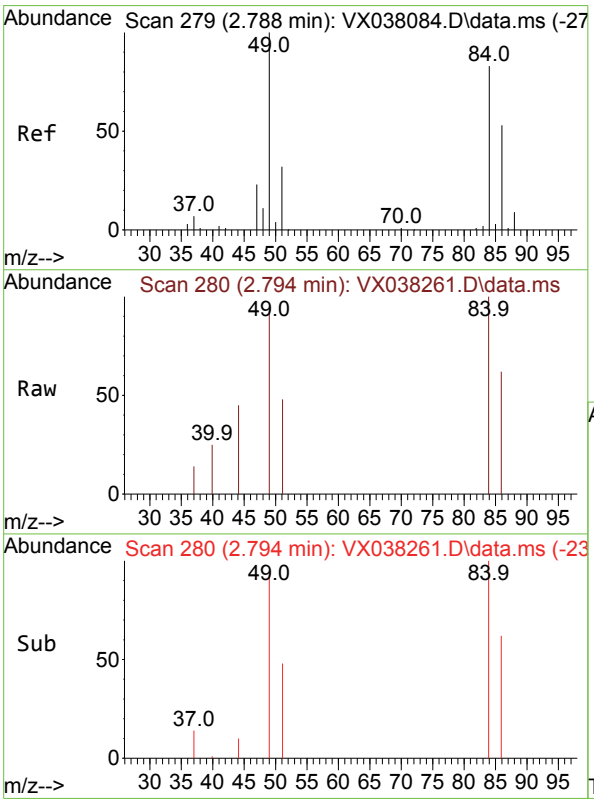

#16
Acetone
Concen: 3.209 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038261.D
Acq: 12 Oct 2023 16:59

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 43 Resp: 2240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.1 | 21.9 | 32.9 |

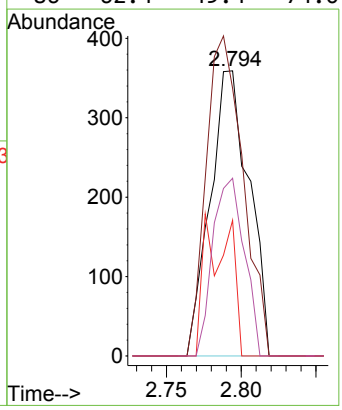


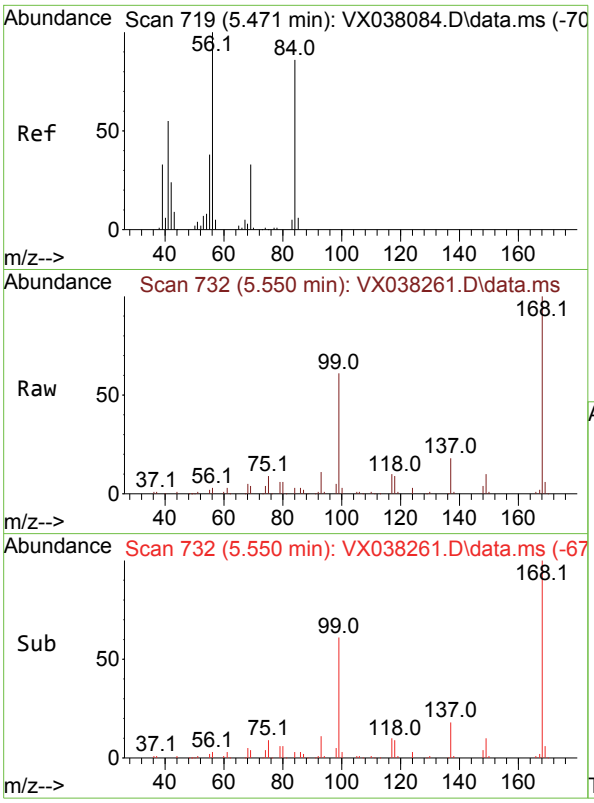




#20
Methylene Chloride
Concen: 0.495 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038261.D
Acq: 12 Oct 2023 16:59

Tgt Ion: 84 Resp: 650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 93.9 | 103.6 | 155.4# |
| 51 | 47.6 | 33.8 | 50.6 |
| 86 | 62.4 | 49.4 | 74.0 |



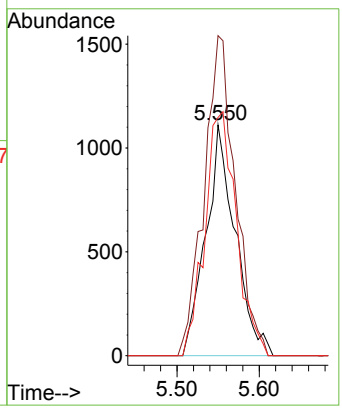


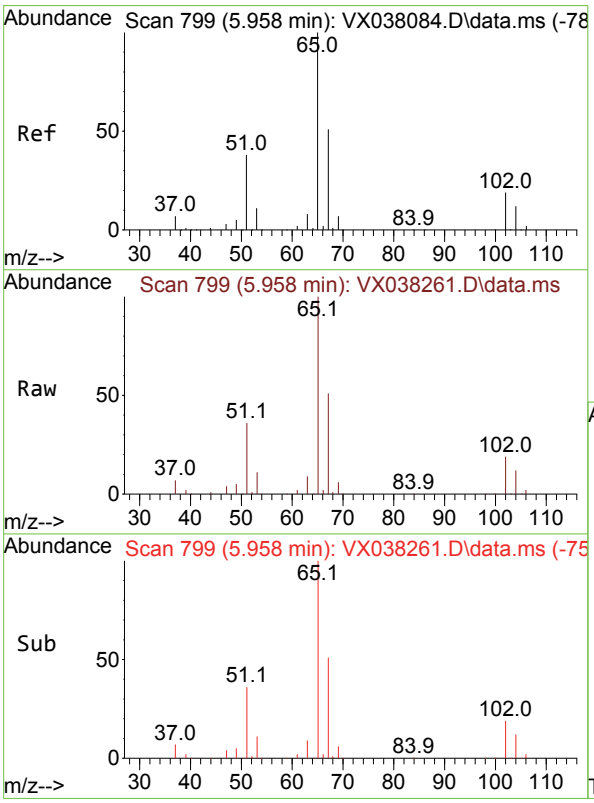

#31
Cyclohexane
Concen: 1.527 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.079 min
Lab File: VX038261.D
Acq: 12 Oct 2023 16:59

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 56 Resp: 2767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 138.7 | 23.4 | 35.2# |
| 84 | 103.2 | 65.9 | 98.9# |

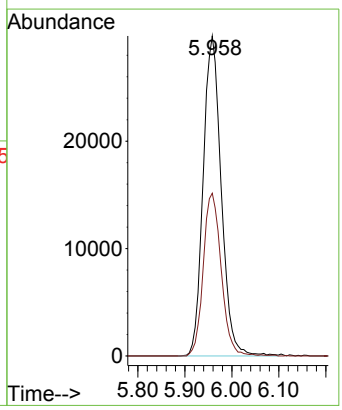


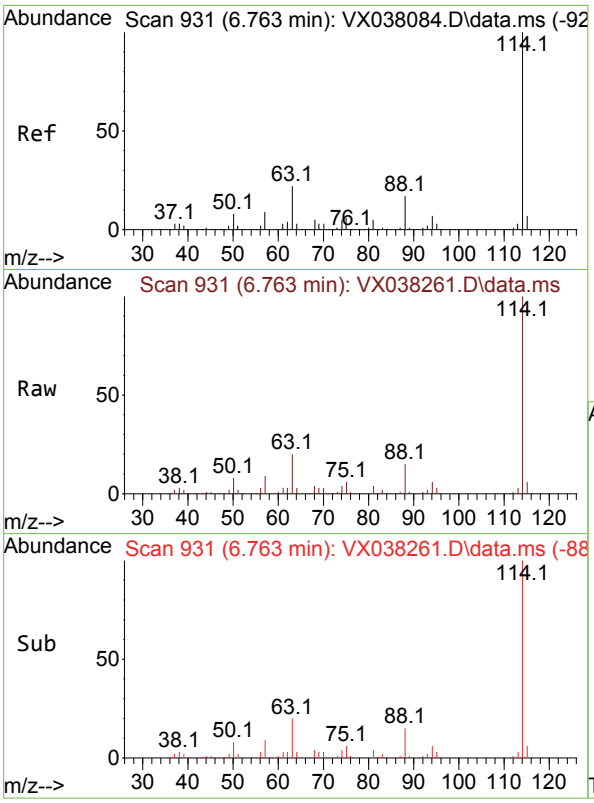




#33
1,2-Dichloroethane-d4
Concen: 47.552 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038261.D
Acq: 12 Oct 2023 16:59

Tgt Ion: 65 Resp: 79523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 50.4 | 0.0 | 100.2 |



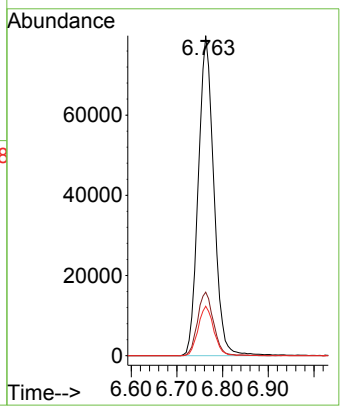


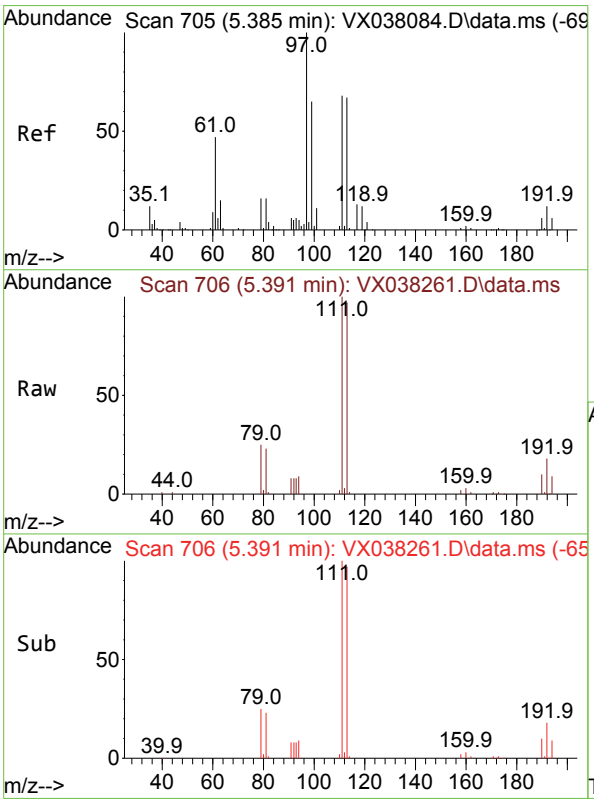

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX038261.D
Acq: 12 Oct 2023 16:59

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:114 Resp: 187963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.9 | 0.0 | 45.0 |
| 88 | 15.5 | 0.0 | 36.6 |

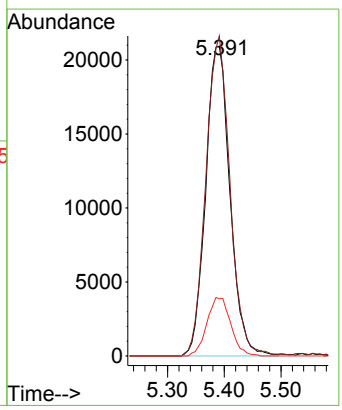


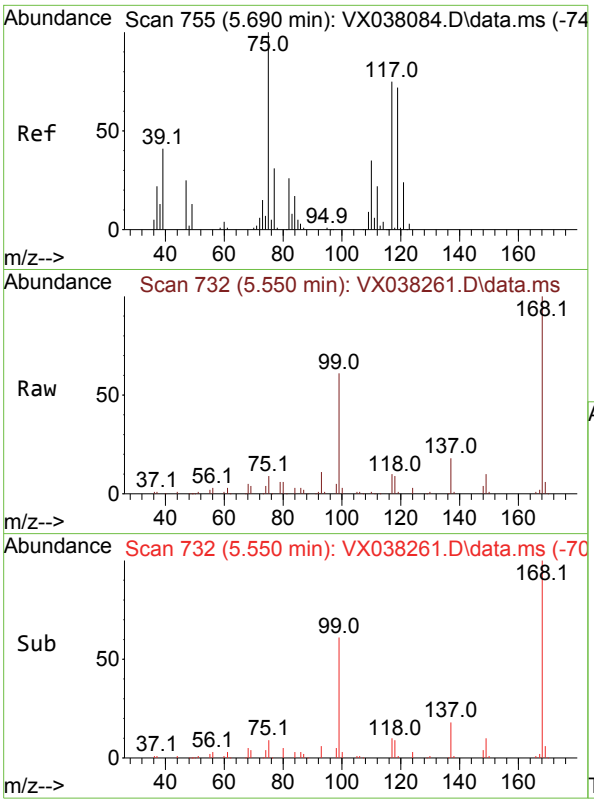




#35
Dibromofluoromethane
Concen: 45.929 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038261.D
Acq: 12 Oct 2023 16:59

Tgt Ion:113 Resp: 62206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.0 | 82.9 | 124.3 |
| 192 | 18.5 | 13.3 | 19.9 |



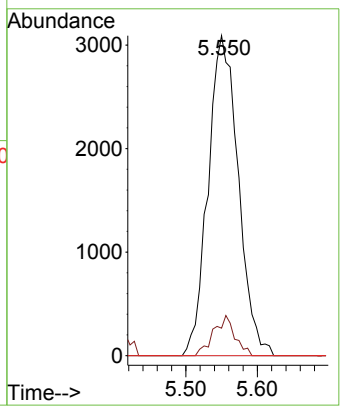


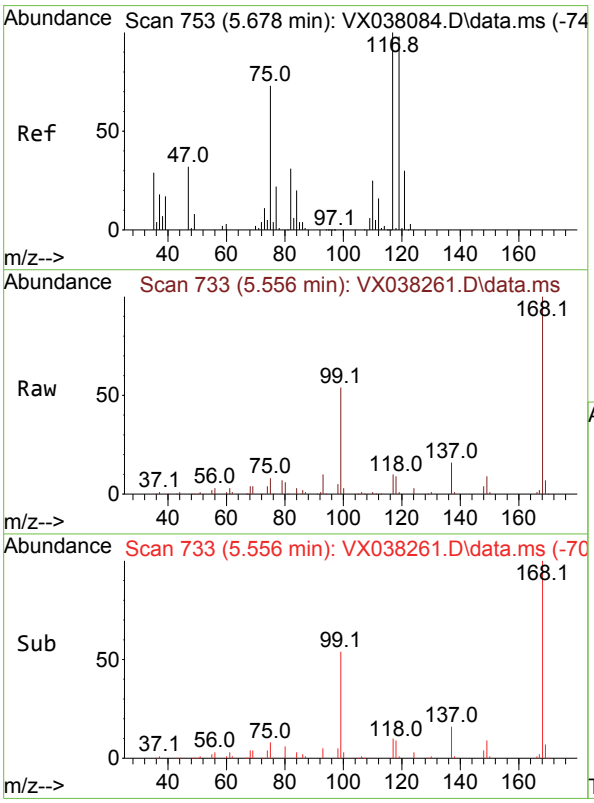

#36
1,1-Dichloropropene
Concen: 4.846 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.140 min
Lab File: VX038261.D
Acq: 12 Oct 2023 16:59

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 75 Resp: 9051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 8.8 | 17.0 | 50.9# |
| 77 | 0.0 | 24.7 | 37.1# |

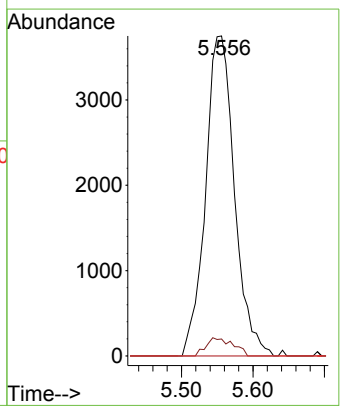


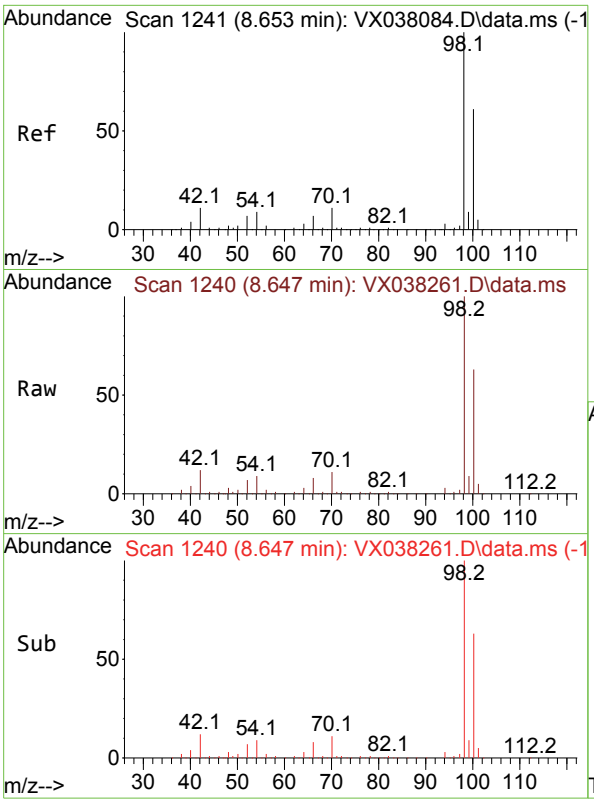




#38
Carbon Tetrachloride
Concen: 5.738 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038261.D
Acq: 12 Oct 2023 16:59

Tgt Ion:117 Resp: 10542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 5.3 | 78.2 | 117.2# |
| 121 | 0.0 | 24.4 | 36.6# |



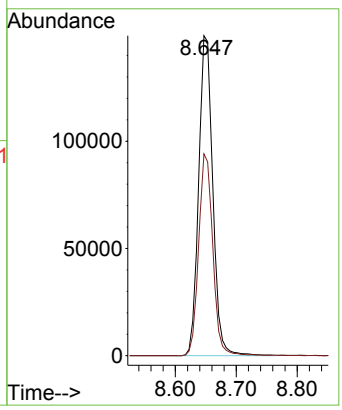


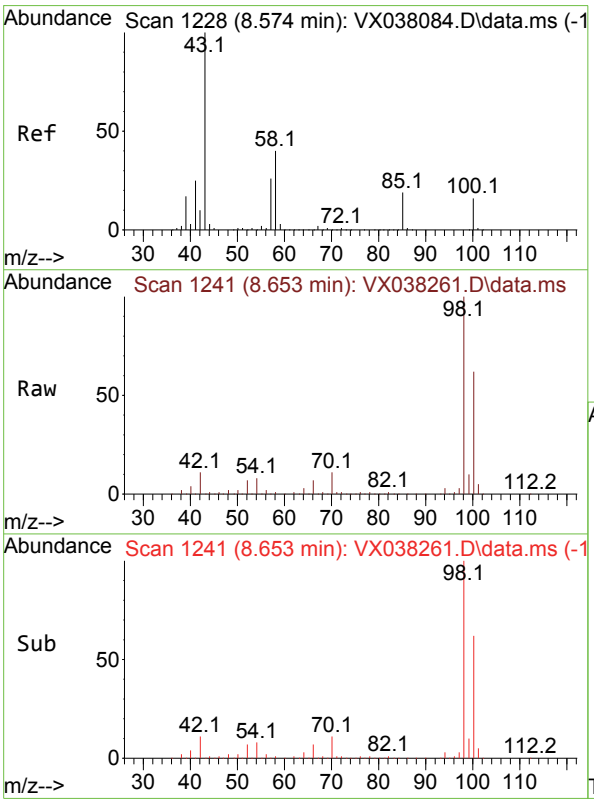

#50
Toluene-d8
Concen: 46.440 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX038261.D
Acq: 12 Oct 2023 16:59

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 98 Resp: 240347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 63.2 | 53.1 | 79.7 |

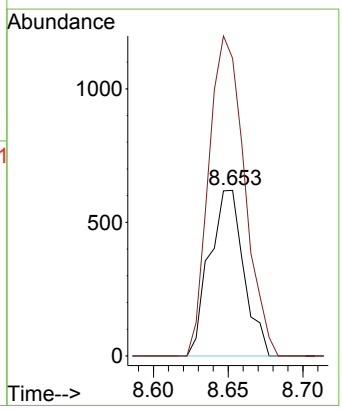


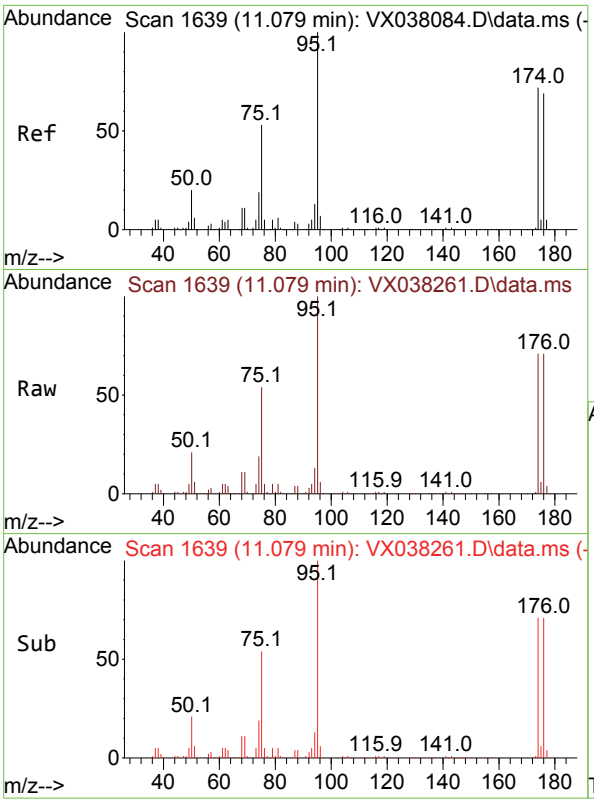




#51
4-Methyl-2-Pentanone
Concen: 0.433 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX038261.D
Acq: 12 Oct 2023 16:59

Tgt Ion: 43 Resp: 989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 201.4 | 30.4 | 45.6# |



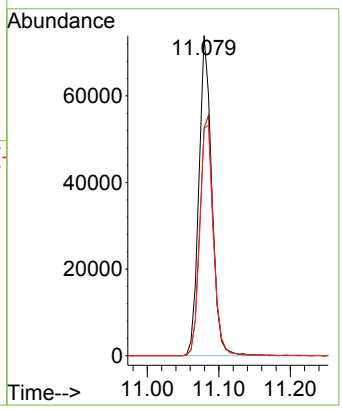


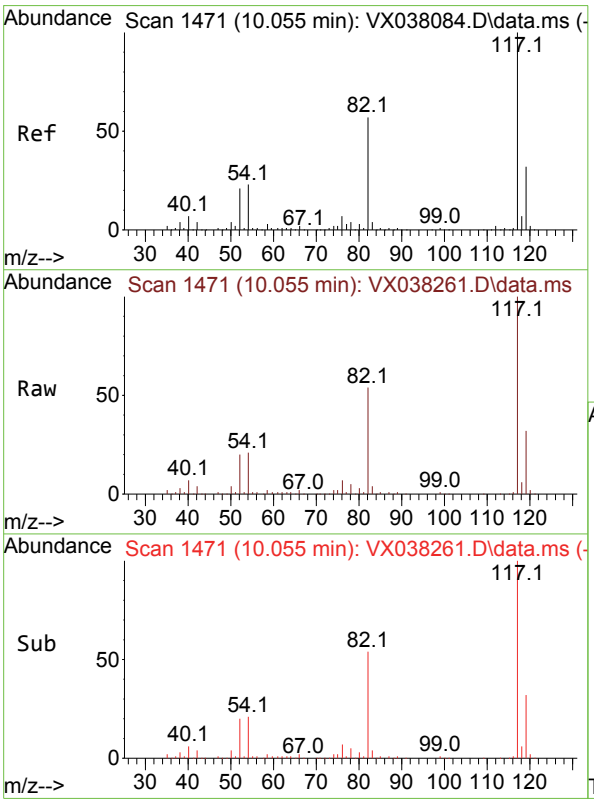

#62
4-Bromofluorobenzene
Concen: 46.813 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038261.D
Acq: 12 Oct 2023 16:59

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 95 Resp: 91851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 79.9 | 0.0 | 135.6 |
| 176 | 77.0 | 0.0 | 131.0 |

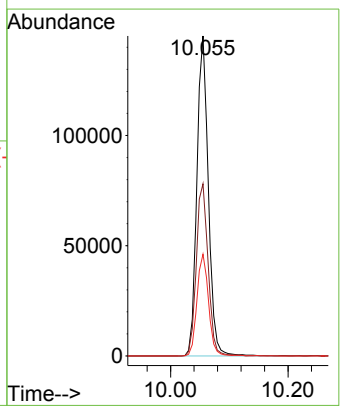


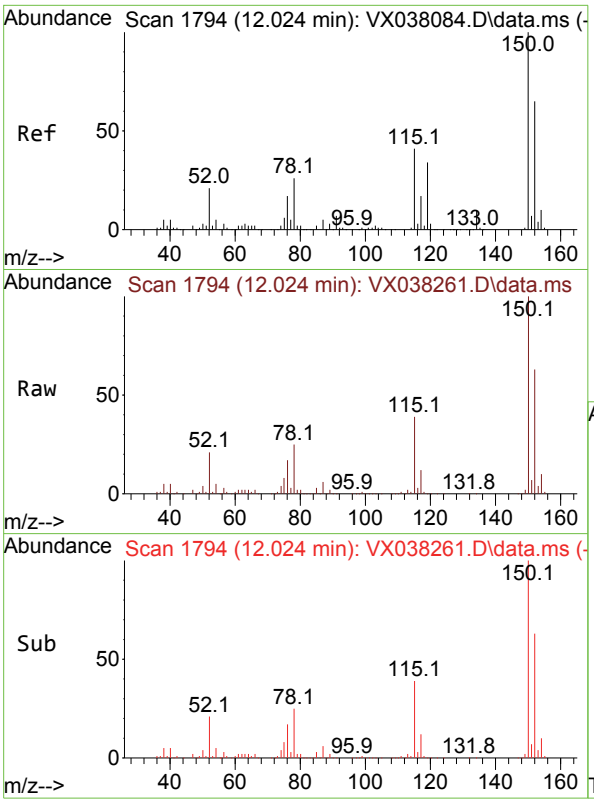




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038261.D
Acq: 12 Oct 2023 16:59

Tgt Ion:117 Resp: 196117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.8 | 46.2 | 69.4 |
| 119 | 31.8 | 25.5 | 38.3 |



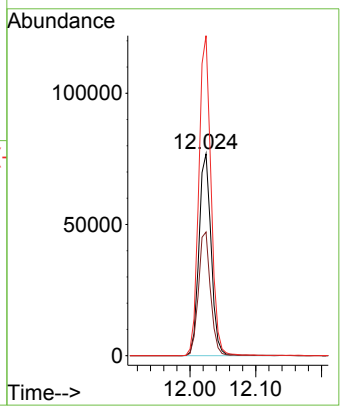


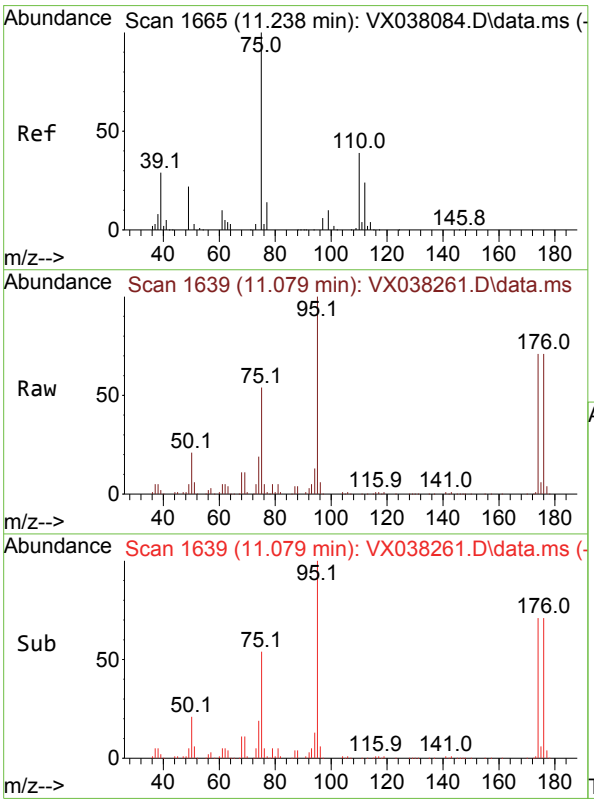

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038261.D
Acq: 12 Oct 2023 16:59

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion:152 Resp: 99134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 60.9 | 43.3 | 129.9 |
| 150 | 158.8 | 0.0 | 345.0 |

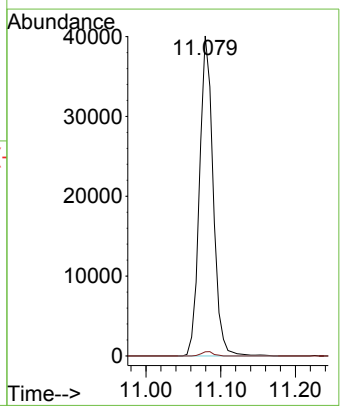


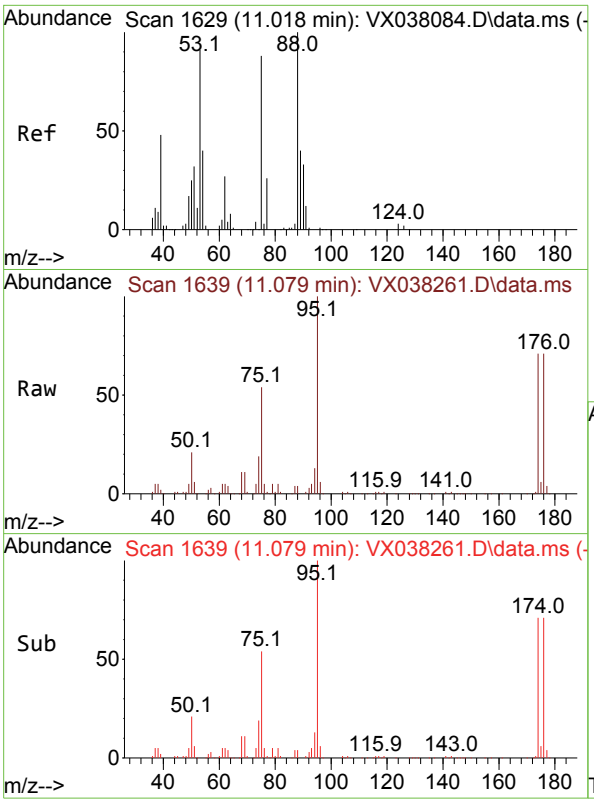




#76
1,2,3-Trichloropropane
Concen: 22.554 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038261.D
Acq: 12 Oct 2023 16:59

Tgt Ion: 75 Resp: 50830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.2 | 19.1 | 57.5# |






#81
trans-1,4-Dichloro-2-butene
Concen: 64.578 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038261.D
Acq: 12 Oct 2023 16:59

**Instrument :**
MSVOA_X
**ClientSampleId :**

Tgt Ion: 75 Resp: 50830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.0 | 90.5 | 135.7# |
| 89 | 0.0 | 36.9 | 55.3# |