Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091823\
Data File : VX037773.D
Acq On : 18 Sep 2023 13:44
Operator : JC/MD
Sample : 04437-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-VPB-RW10A-GW-220-222

Quant Time: Sep 18 17:56:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.556 | 168 | 297909 | 50.000 | ug/l | # 0.00 |
| 34) 1,4-Difluorobenzene | 6.763 | 114 | 491672 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 456495 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 217648 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.958 | 65 | 178943 | 45.718 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = | 91.440% | | |
| 35) Dibromofluoromethane | 5.391 | 113 | 153443 | 46.642 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = | 93.280% | | |
| 50) Toluene-d8 | 8.653 | 98 | 585678 | 47.914 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = | 95.820% | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 216554 | 48.753 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = | 97.500% | | |
| Target Compounds | | | | | | Qvalue |
| 16) Acetone | 2.380 | 43 | 5383 | 2.859 | ug/l # | 78 |
| 19) Methyl tert-butyl Ether | 3.111 | 73 | 2876 | 0.269 | ug/l | 100 |
| 22) Diisopropyl ether | 3.757 | 45 | 6574 | 0.652 | ug/l # | 67 |
| 24) 1,1-Dichloroethane | 3.611 | 63 | 2135 | 0.353 | ug/l # | 94 |

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

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Quant Title : SW846 8260
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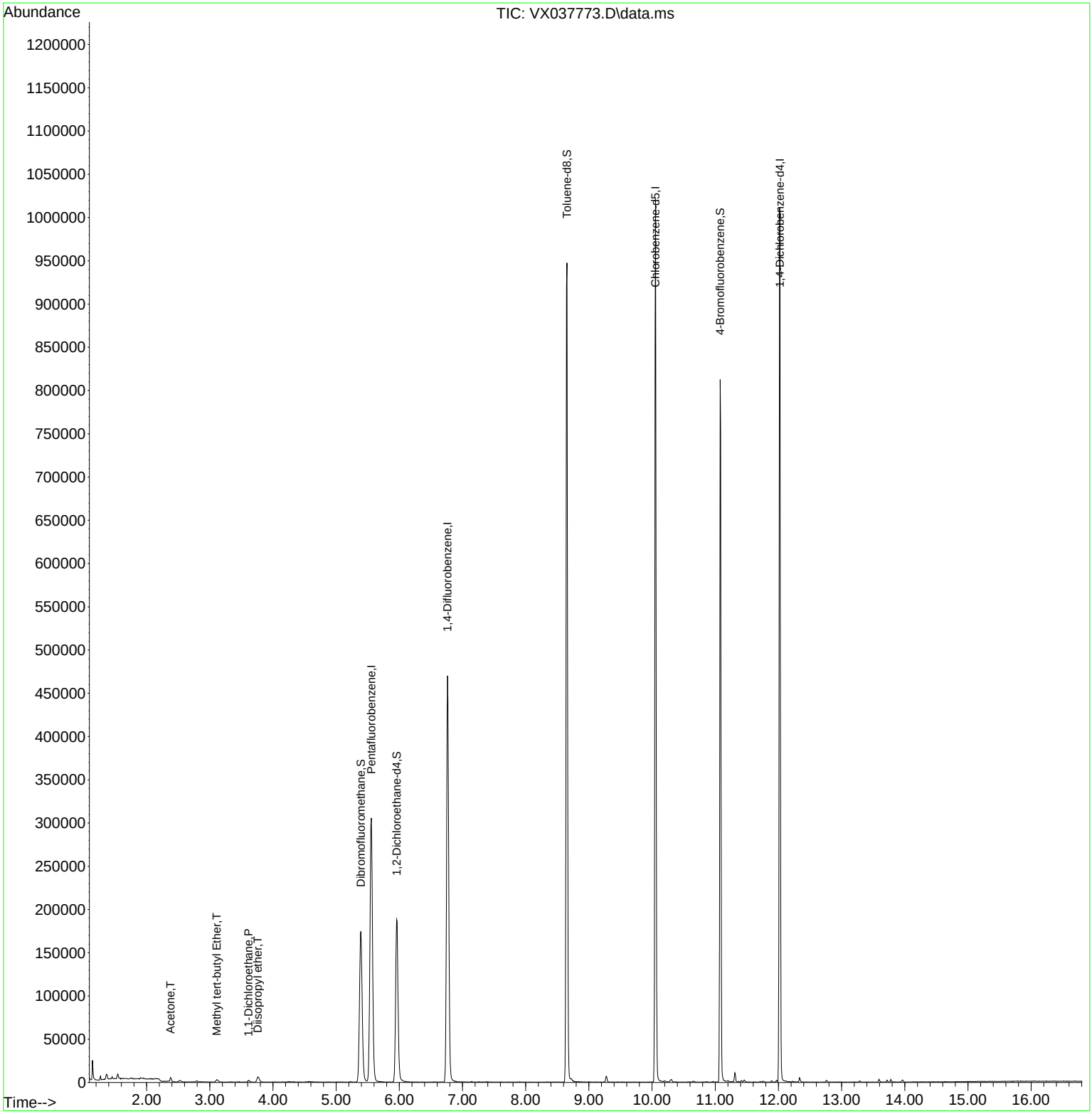
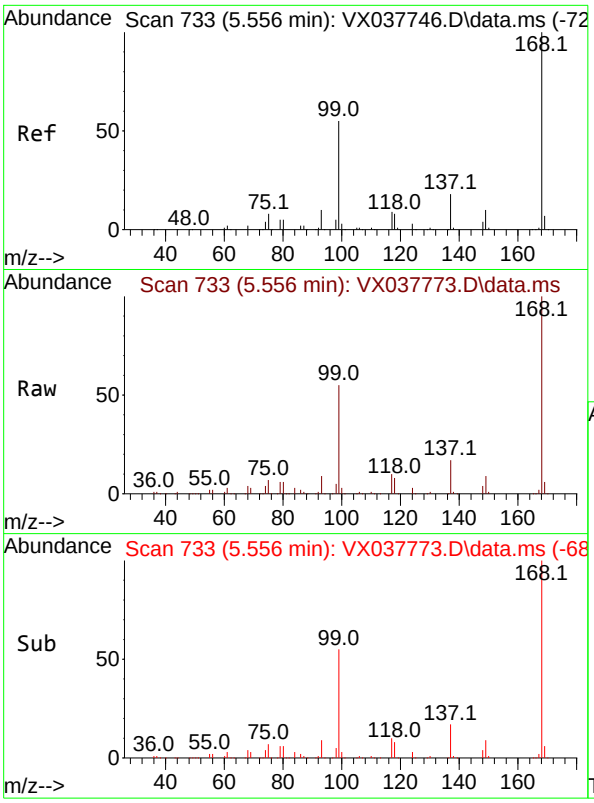


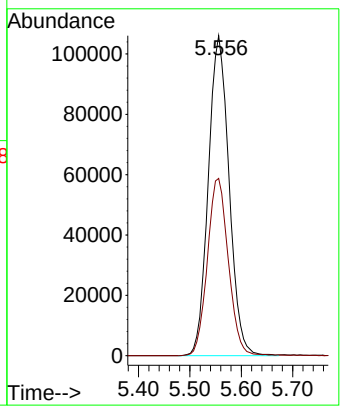


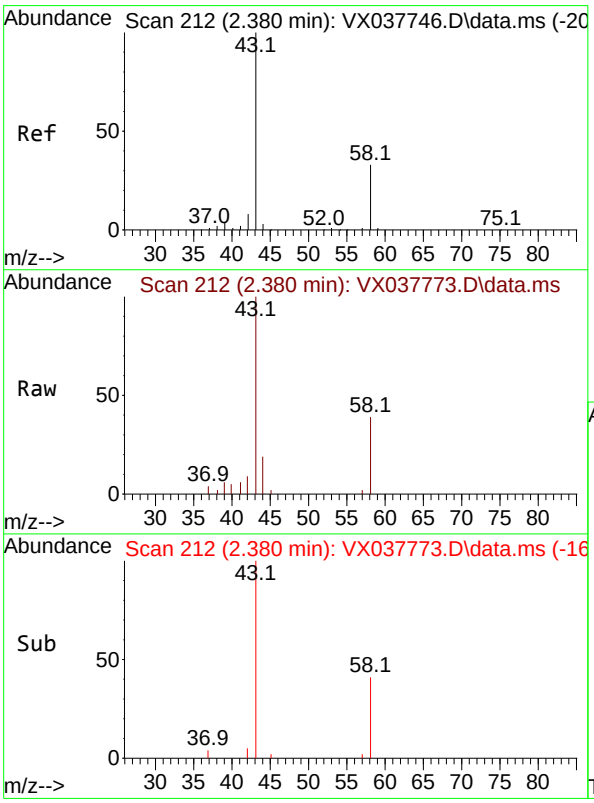

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX037773.D
Acq: 18 Sep 2023 13:44

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-VPB-RW10A-GW-220-222

Tgt Ion:168 Resp: 297909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 55.4 | 56.6 | 85.0# |

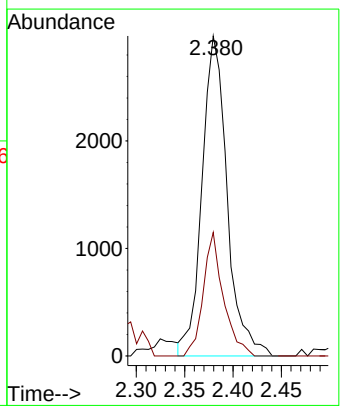


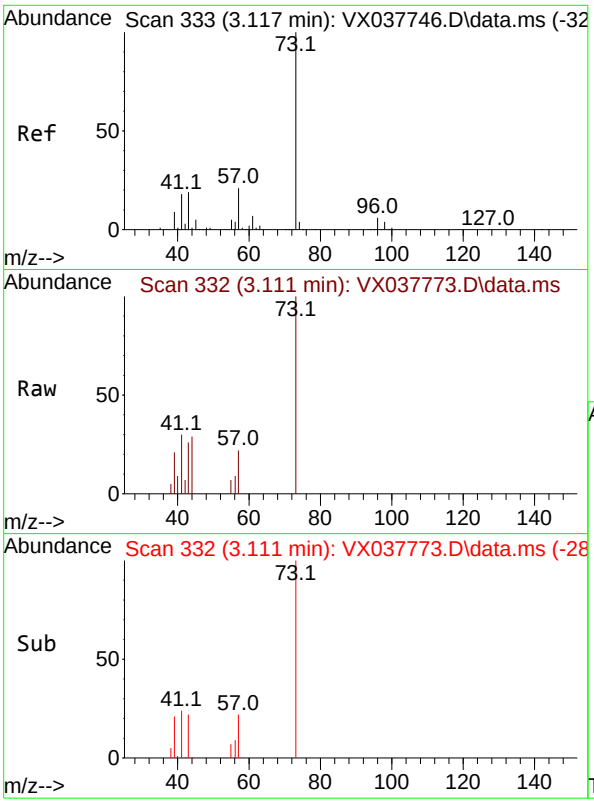




#16
Acetone
Concen: 2.859 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037773.D
Acq: 18 Sep 2023 13:44

Tgt Ion: 43 Resp: 5383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 38.6 | 21.9 | 32.9# |



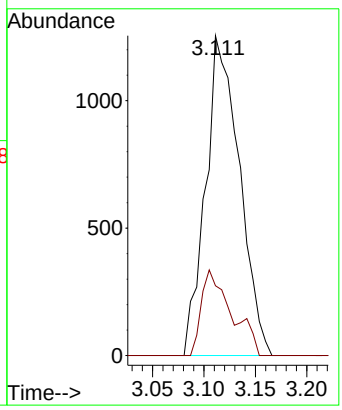


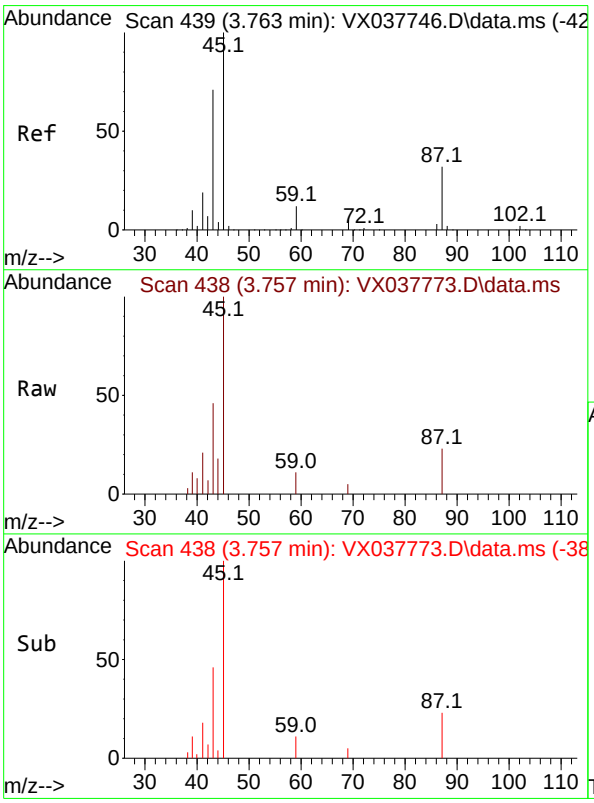

#19
Methyl tert-butyl Ether
Concen: 0.269 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.012 min
Lab File: VX037773.D
Acq: 18 Sep 2023 13:44

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-VPB-RW10A-GW-220-222

Tgt Ion: 73 Resp: 2876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 21.8 | 17.3 | 25.9 |

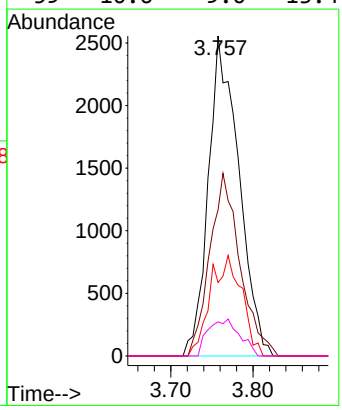


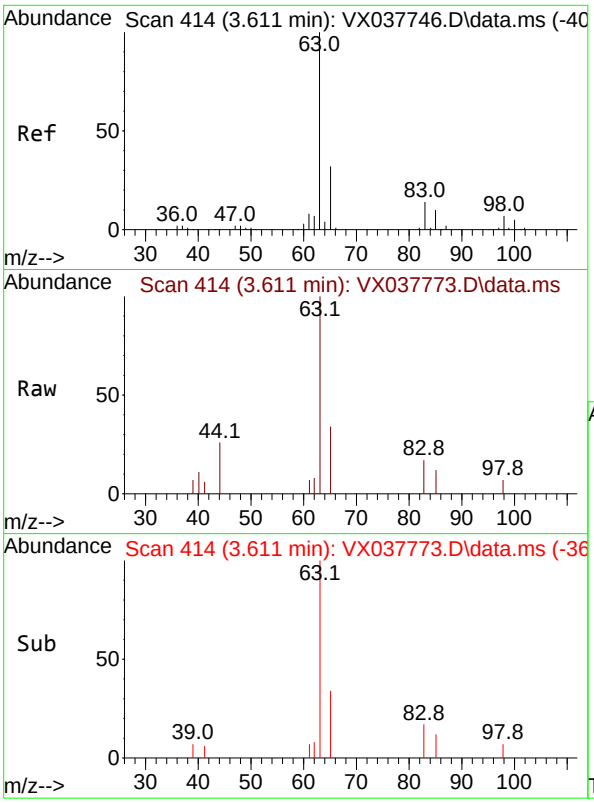




#22
Diisopropyl ether
Concen: 0.652 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX037773.D
Acq: 18 Sep 2023 13:44

Tgt Ion: 45 Resp: 6574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 45.6 | 69.7 | 104.5# |
| 87 | 23.0 | 20.8 | 31.2 |
| 59 | 10.6 | 9.0 | 13.4 |



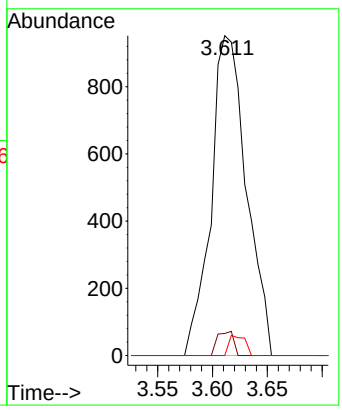


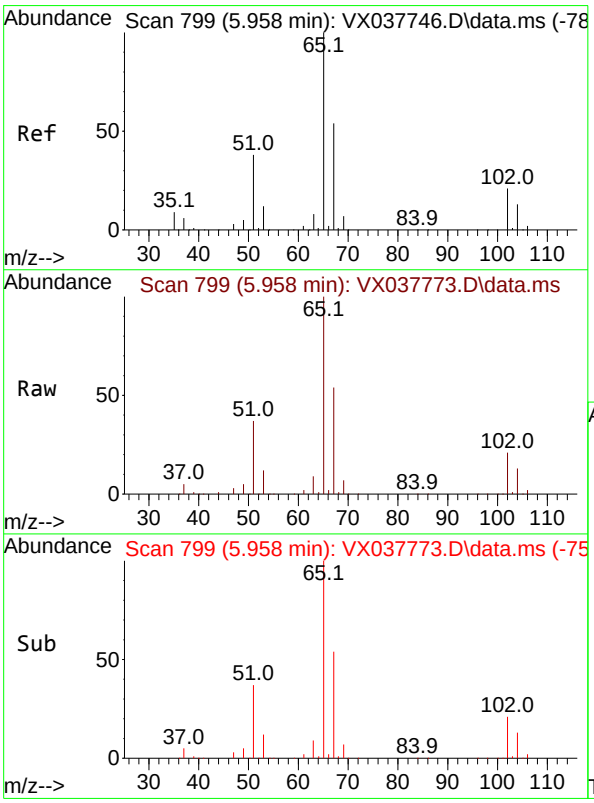

#24
1,1-Dichloroethane
Concen: 0.353 ug/l
RT: 3.611 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX037773.D
Acq: 18 Sep 2023 13:44

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-VPB-RW10A-GW-220-222

Tgt Ion: 63 Resp: 2135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.9 | 3.3 | 9.8 |
| 100 | 0.0 | 2.1 | 6.5# |

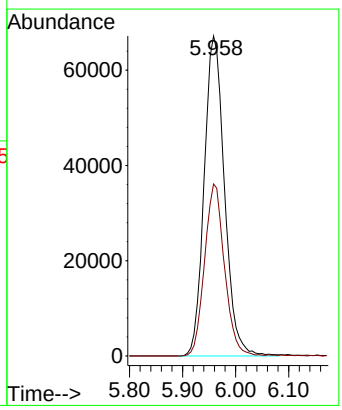


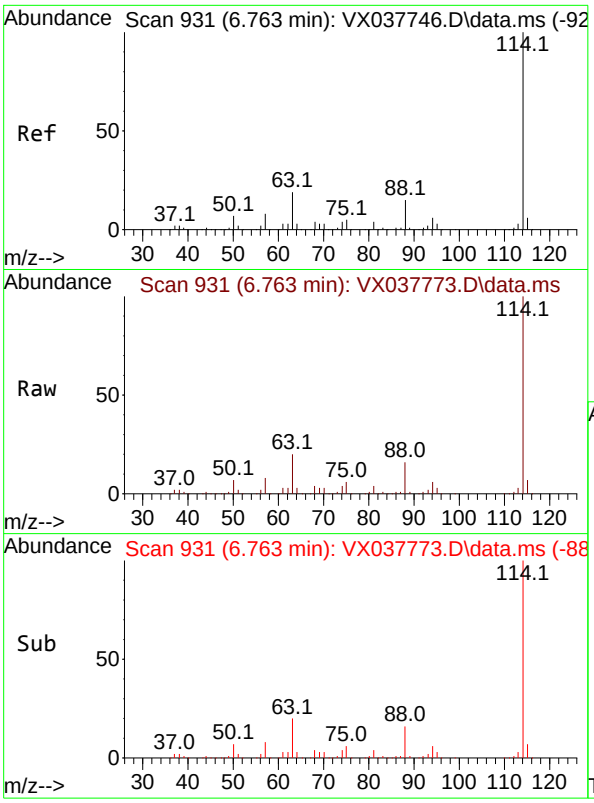




#33
1,2-Dichloroethane-d4
Concen: 45.718 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037773.D
Acq: 18 Sep 2023 13:44

Tgt Ion: 65 Resp: 178943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.7 | 0.0 | 100.2 |



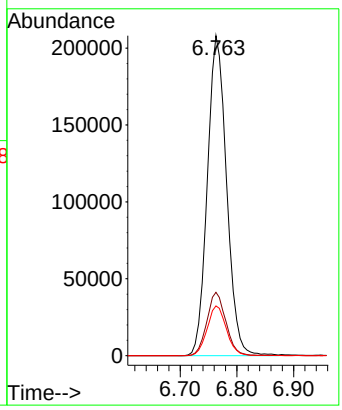


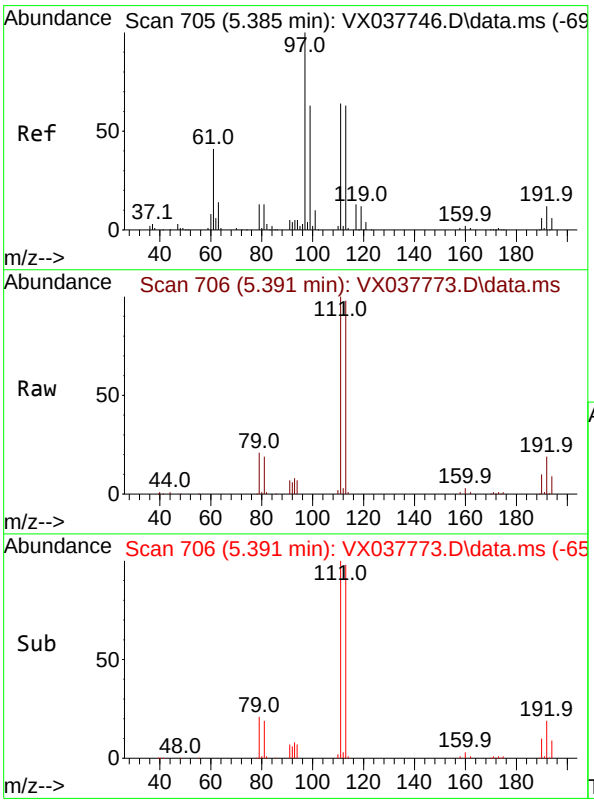

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX037773.D
Acq: 18 Sep 2023 13:44

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-VPB-RW10A-GW-220-222

Tgt Ion:114 Resp: 491672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 19.8 | 0.0 | 45.0 |
| 88 | 15.5 | 0.0 | 36.6 |

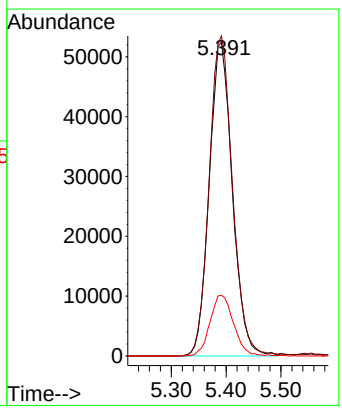


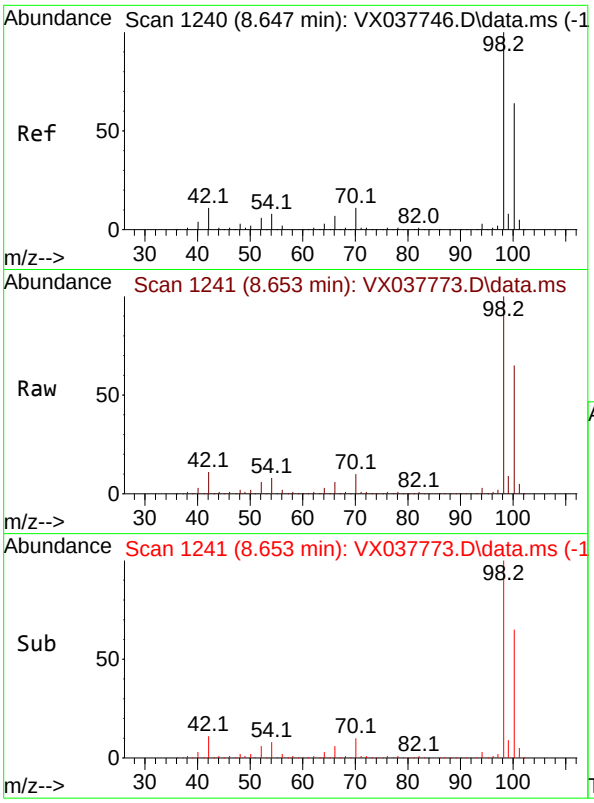




#35
Dibromofluoromethane
Concen: 46.642 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037773.D
Acq: 18 Sep 2023 13:44

Tgt Ion:113 Resp: 153443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.1 | 82.9 | 124.3 |
| 192 | 19.7 | 13.3 | 19.9 |



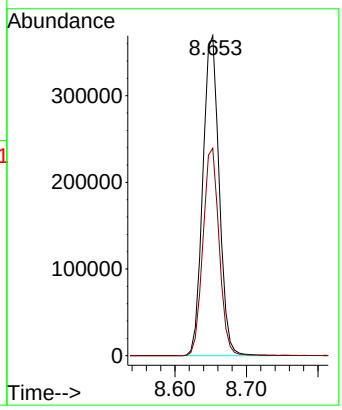


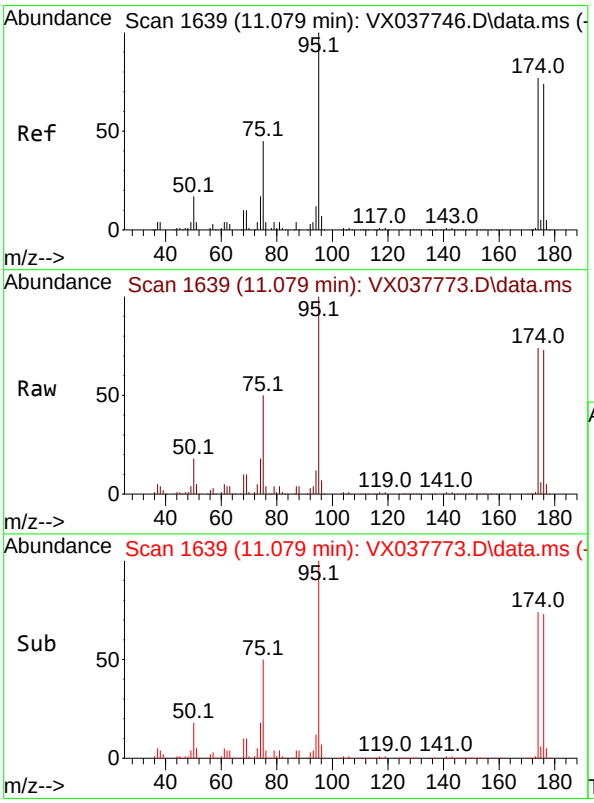

#50
Toluene-d8
Concen: 47.914 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX037773.D
Acq: 18 Sep 2023 13:44

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-VPB-RW10A-GW-220-222

Tgt Ion: 98 Resp: 585678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.3 | 53.1 | 79.7 |

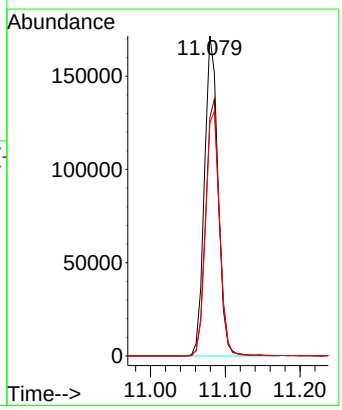


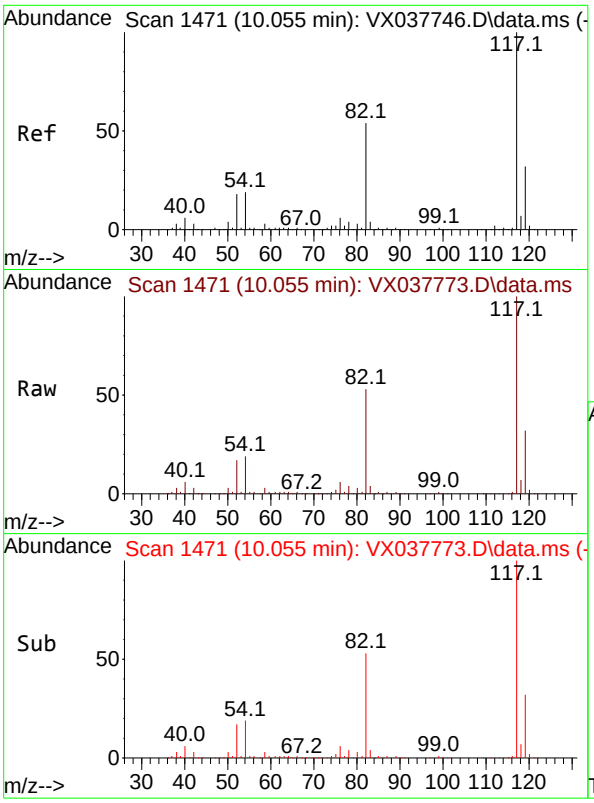




#62
4-Bromofluorobenzene
Concen: 48.753 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037773.D
Acq: 18 Sep 2023 13:44

Tgt Ion: 95 Resp: 216554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 81.0 | 0.0 | 135.6 |
| 176 | 78.5 | 0.0 | 131.0 |



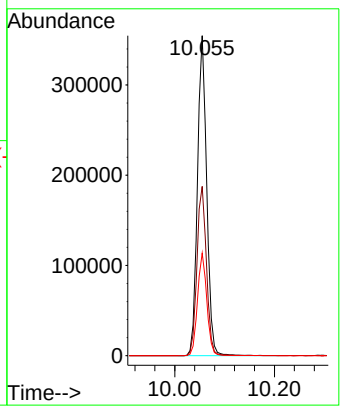


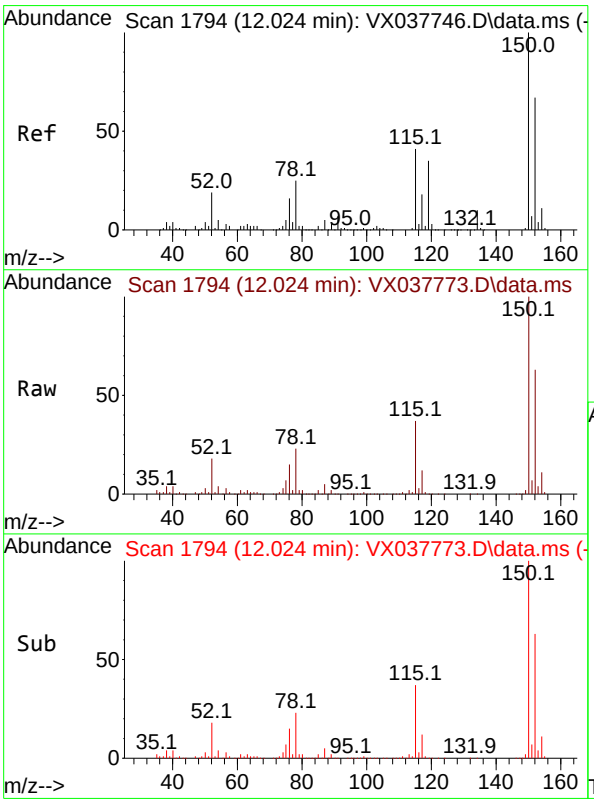

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX037773.D
Acq: 18 Sep 2023 13:44

**Instrument :**
MSVOA_X
**ClientSampleId :**
BP-VPB-RW10A-GW-220-222

Tgt Ion:117 Resp: 456495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 52.9 | 46.2 | 69.4 |
| 119 | 32.1 | 25.5 | 38.3 |




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037773.D
Acq: 18 Sep 2023 13:44

Tgt Ion:152 Resp: 217648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 60.2 | 43.3 | 129.9 |
| 150 | 159.6 | 0.0 | 345.0 |