Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
Data File : VX045394.D
Acq On : 21 Mar 2025 17:35
Operator : JC/MD
Sample : Q1608-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
TT172S1-20250317

Quant Time: Mar 21 23:18:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.544 | 168 | 66207 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.757 | 114 | 129916 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.049 | 117 | 122794 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152 | 51514 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.952 | 65 | 61439 | 58.340 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 74 - 125 | | Recovery = 116.680% | | | |
| 35) Dibromofluoromethane | 5.379 | 113 | 46700 | 53.758 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 107.520% | | | |
| 50) Toluene-d8 | 8.647 | 98 | 164183 | 52.132 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 86 - 113 | | Recovery = 104.260% | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 58315 | 55.878 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 77 - 121 | | Recovery = 111.760% | | | |
| Target Compounds | | | | | | Qvalue |
| 9) 1,1,2-Trichlorotrifluo... | 2.325 | 101 | 938 | 1.219 | ug/l | 96 |
| 16) Acetone | 2.386 | 43 | 982 | 2.010 | ug/l | 99 |
| 44) Trichloroethene | 7.117 | 130 | 29385 | 33.265 | ug/l | 96 |
| 52) Toluene | 8.720 | 92 | 823 | 0.373 | ug/l | 86 |
| 64) Tetrachloroethene | 9.269 | 164 | 1171 | 1.489 | ug/l # | 85 |

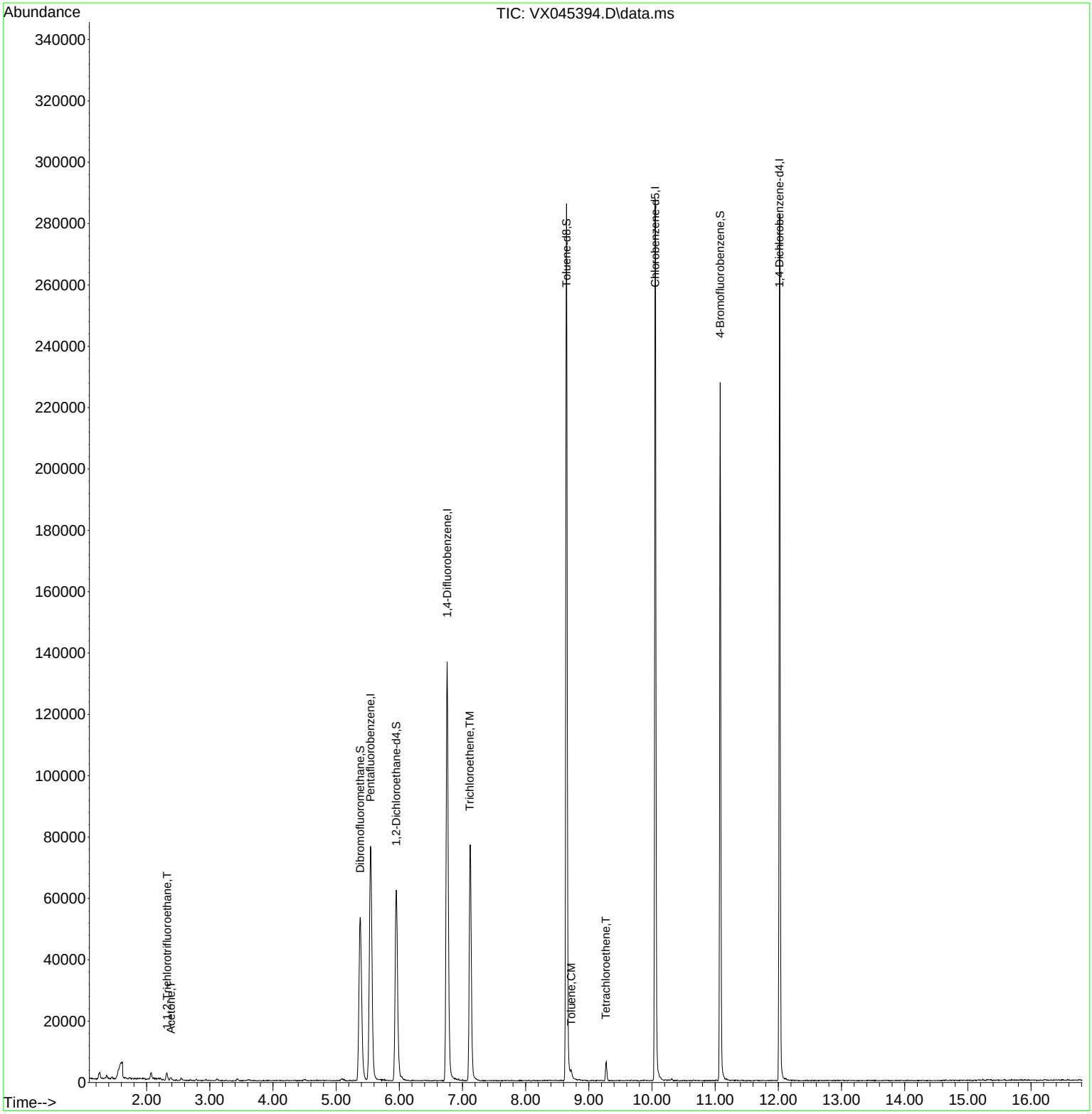
(#) = qualifier out of range (m) = manual integration (+) = signals summed

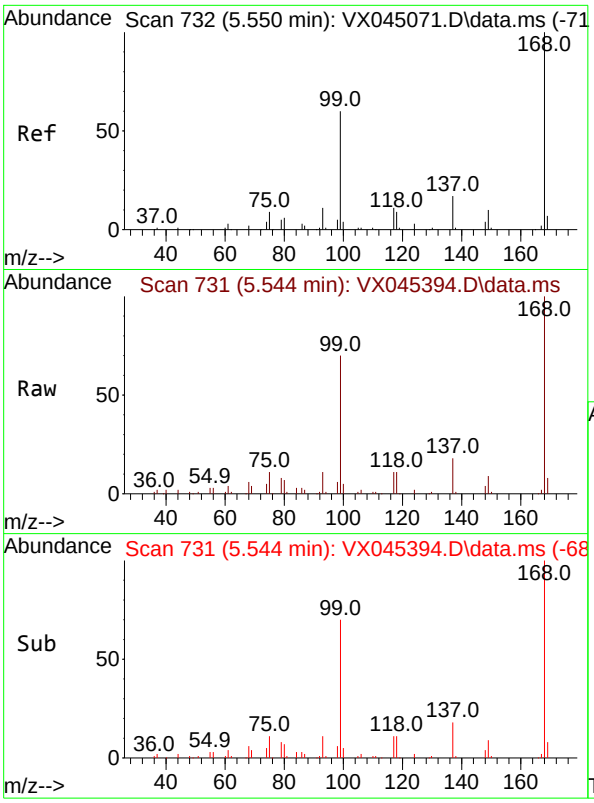
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
Data File : VX045394.D
Acq On : 21 Mar 2025 17:35
Operator : JC/MD
Sample : Q1608-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
TT172S1-20250317

Quant Time: Mar 21 23:18:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



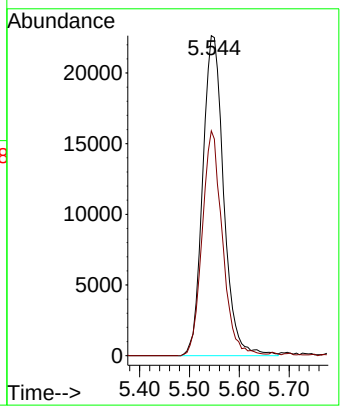


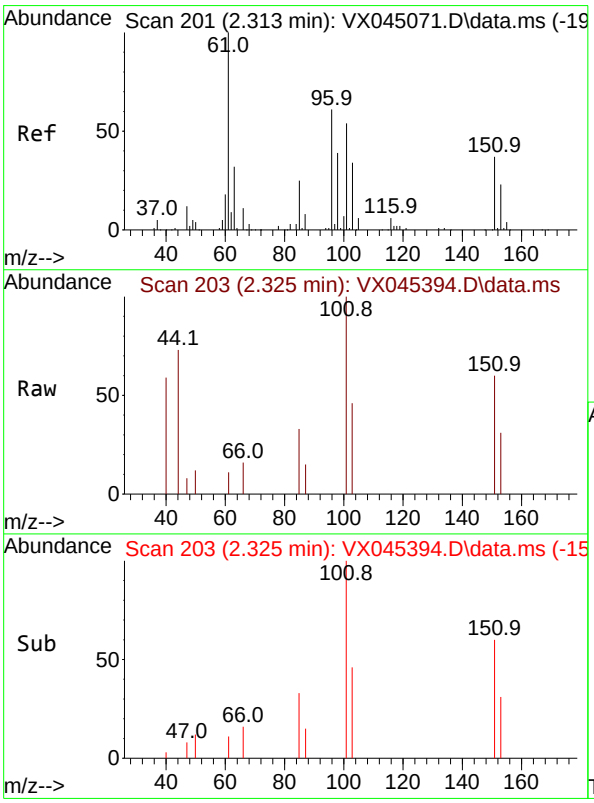

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045394.D
Acq: 21 Mar 2025 17:35

**Instrument :**
MSVOA_X
**ClientSampleId :**
TT172S1-20250317

Tgt Ion:168 Resp: 66207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 70.2 | 48.2 | 72.4 |

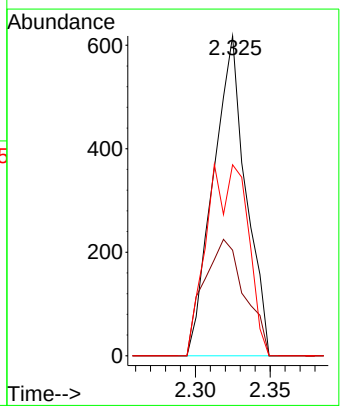


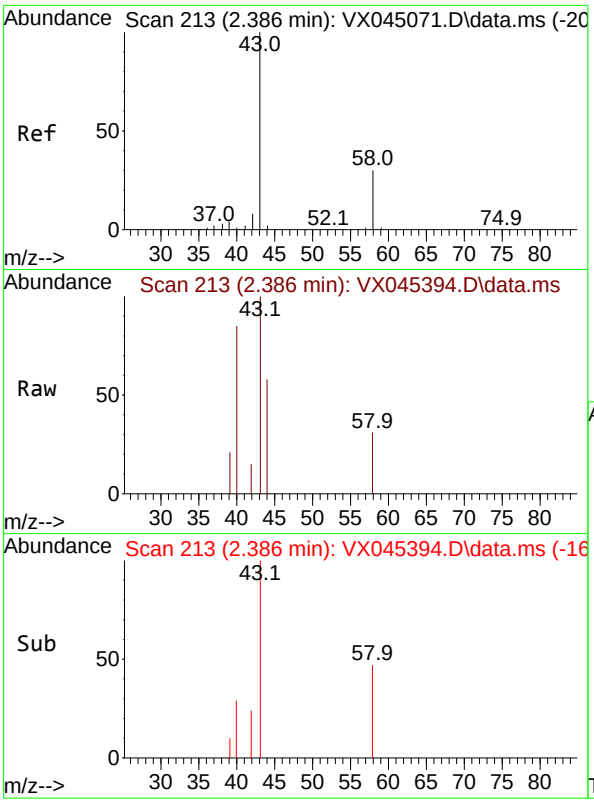




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.219 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.012 min
Lab File: VX045394.D
Acq: 21 Mar 2025 17:35

Tgt Ion:101 Resp: 938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 45.7 | 36.2 | 54.4 |
| 151 | 75.6 | 56.4 | 84.6 |



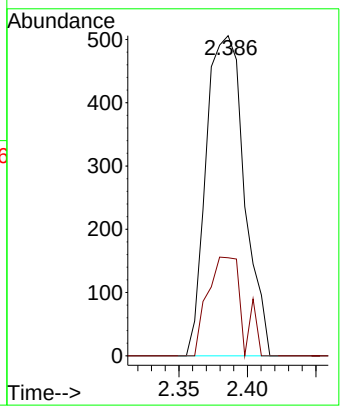


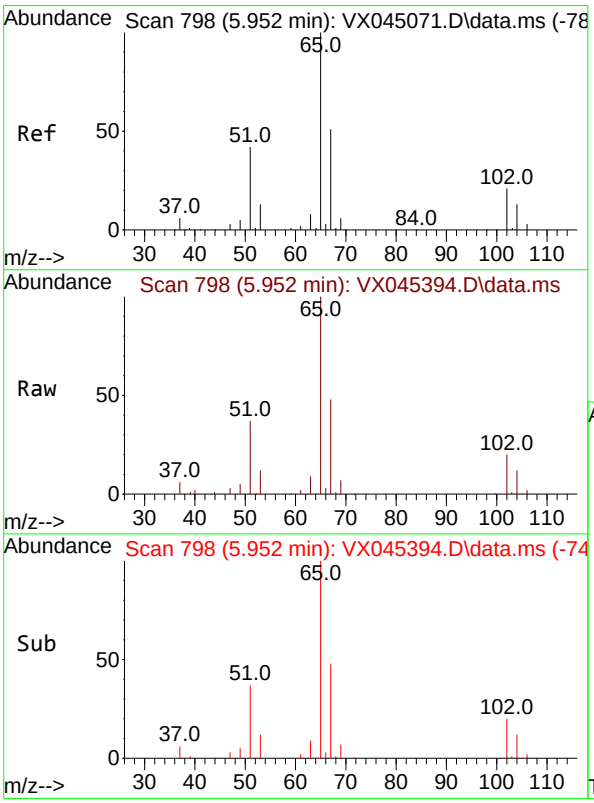

#16
Acetone
Concen: 2.010 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045394.D
Acq: 21 Mar 2025 17:35

**Instrument :**
MSVOA_X
**ClientSampleId :**
TT172S1-20250317

Tgt Ion: 43 Resp: 982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.6 | 24.2 | 36.4 |

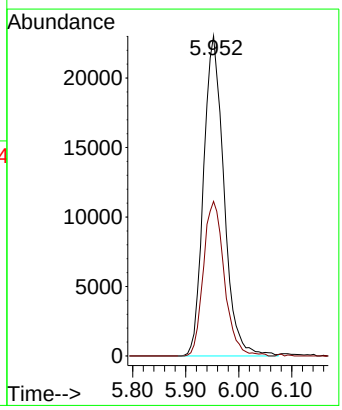


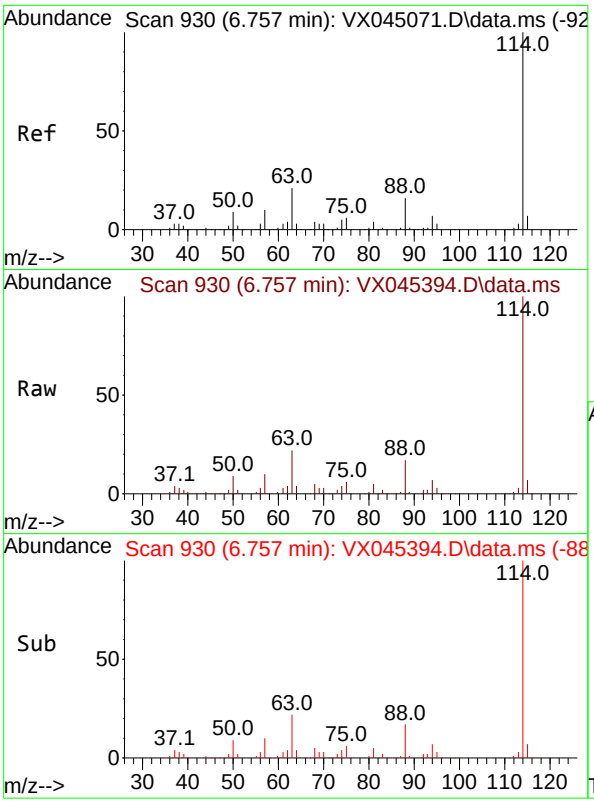




#33
1,2-Dichloroethane-d4
Concen: 58.340 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045394.D
Acq: 21 Mar 2025 17:35

Tgt Ion: 65 Resp: 61439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 49.6 | 0.0 | 106.2 |



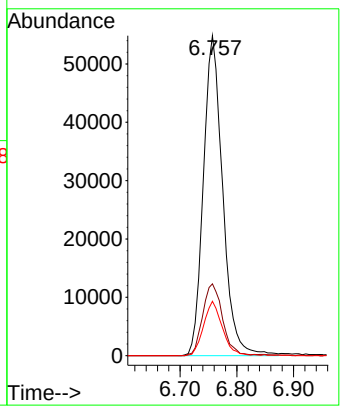


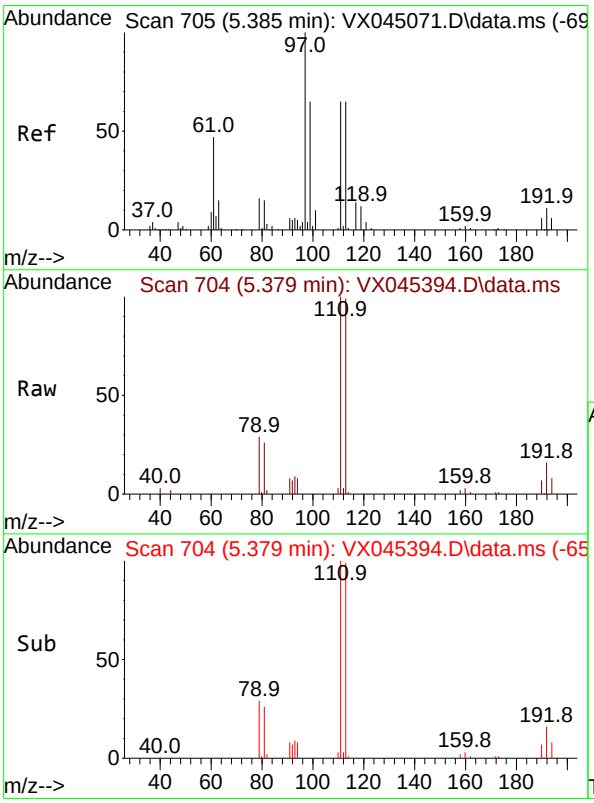

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX045394.D
Acq: 21 Mar 2025 17:35

**Instrument :**
MSVOA_X
**ClientSampleId :**
TT172S1-20250317

Tgt Ion:114 Resp: 129916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.4 | 0.0 | 41.8 |
| 88 | 17.0 | 0.0 | 32.8 |

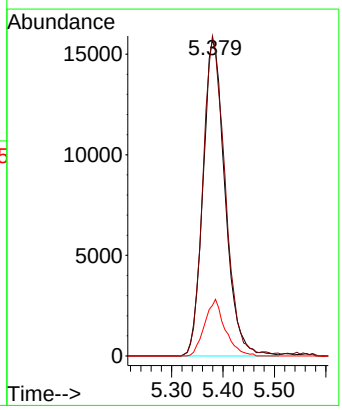


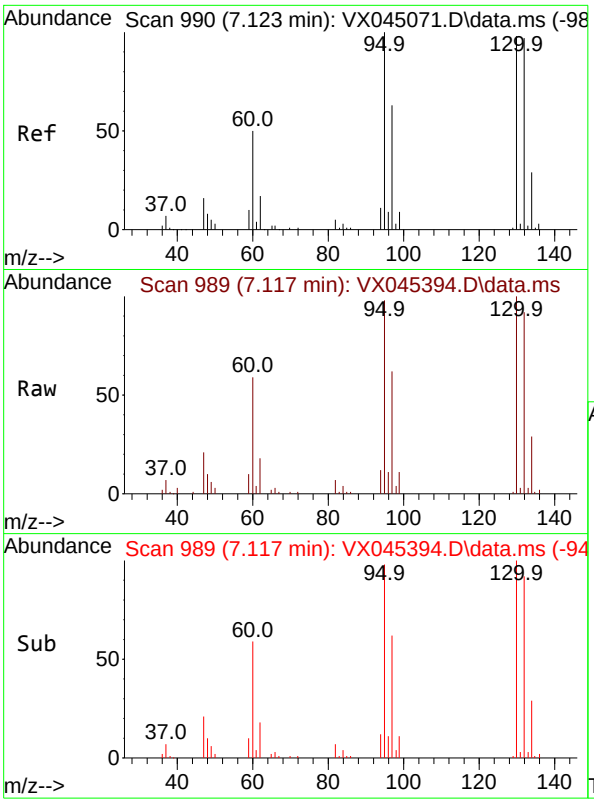




#35
Dibromofluoromethane
Concen: 53.758 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045394.D
Acq: 21 Mar 2025 17:35

Tgt Ion:113 Resp: 46700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.6 | 81.8 | 122.6 |
| 192 | 16.7 | 14.3 | 21.5 |



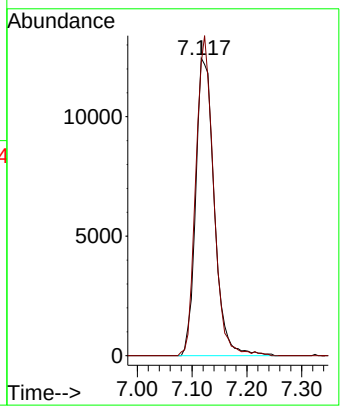


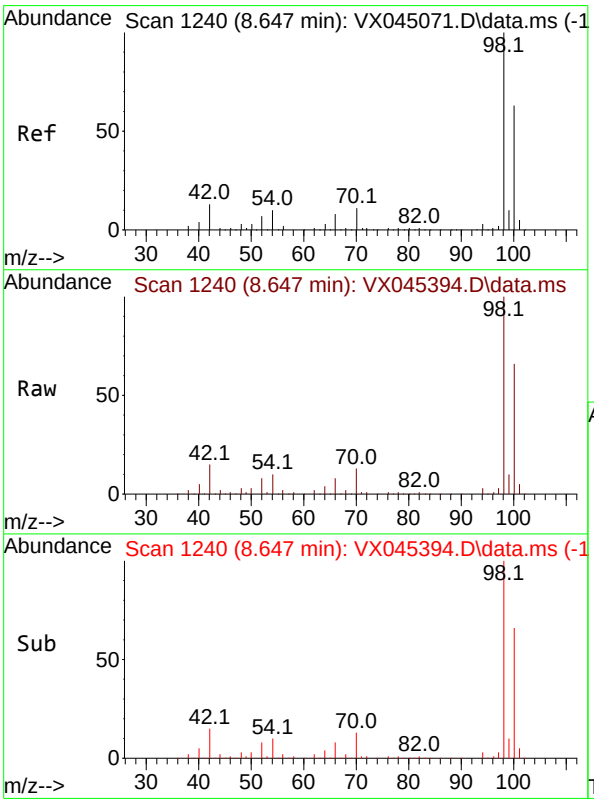

#44
Trichloroethene
Concen: 33.265 ug/l
RT: 7.117 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX045394.D
Acq: 21 Mar 2025 17:35

**Instrument :**
MSVOA_X
**ClientSampleId :**
TT172S1-20250317

Tgt Ion:130 Resp: 29385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 98.4 | 0.0 | 205.0 |

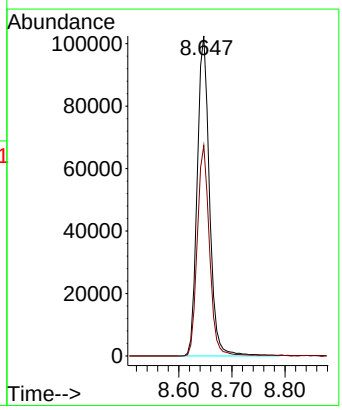


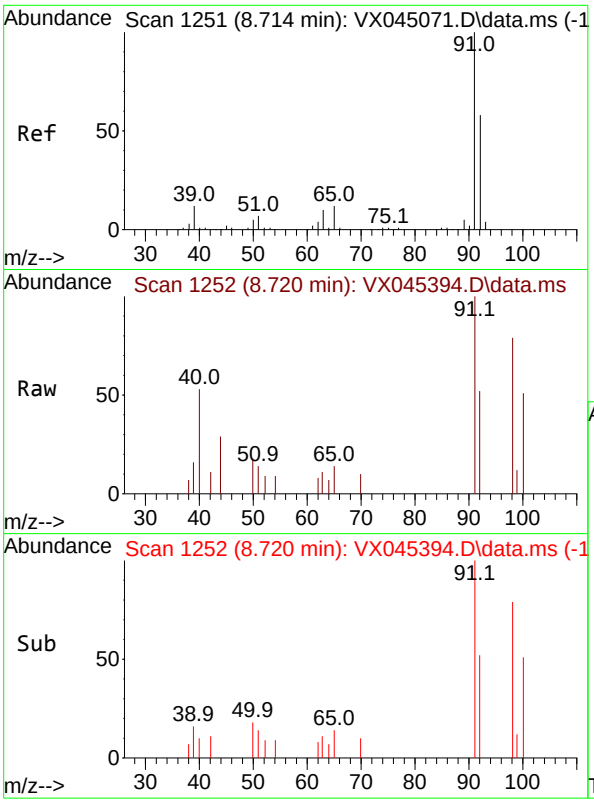




#50
Toluene-d8
Concen: 52.132 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045394.D
Acq: 21 Mar 2025 17:35

Tgt Ion: 98 Resp: 164183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.7 | 52.0 | 78.0 |



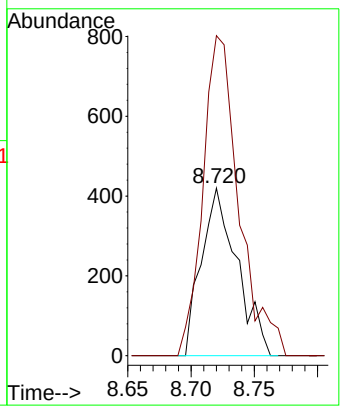


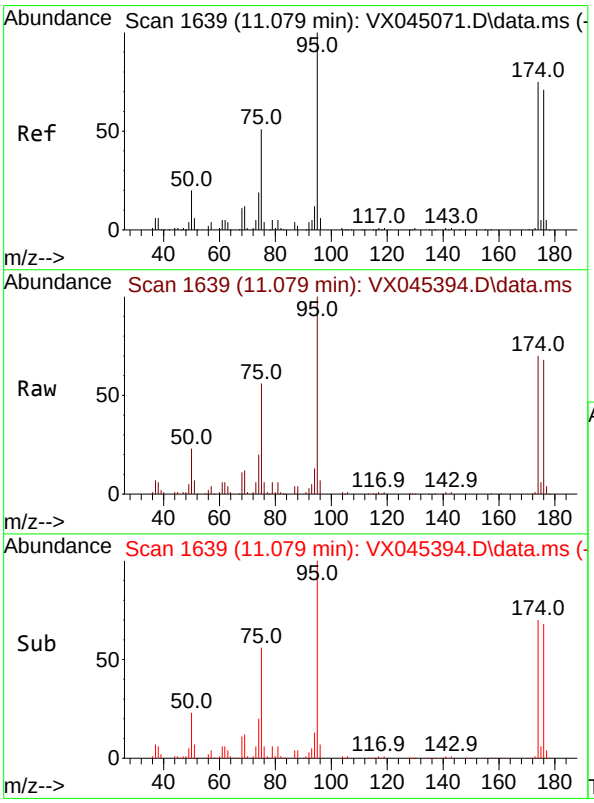

#52
Toluene
Concen: 0.373 ug/l
RT: 8.720 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045394.D
Acq: 21 Mar 2025 17:35

**Instrument :**
MSVOA_X
**ClientSampleId :**
TT172S1-20250317

Tgt Ion: 92 Resp: 823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 192.7 | 138.9 | 208.3 |

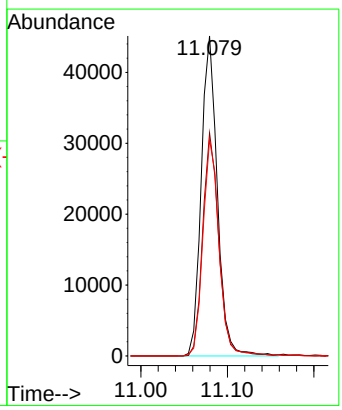


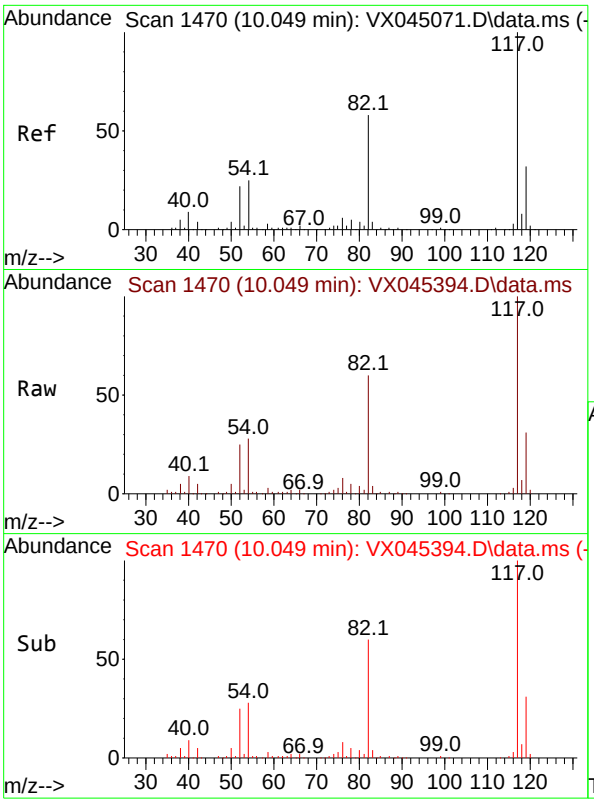




#62
4-Bromofluorobenzene
Concen: 55.878 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045394.D
Acq: 21 Mar 2025 17:35

Tgt Ion: 95 Resp: 58315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 69.6 | 0.0 | 148.2 |
| 176 | 68.0 | 0.0 | 141.4 |



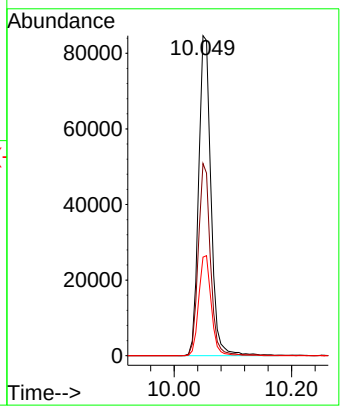


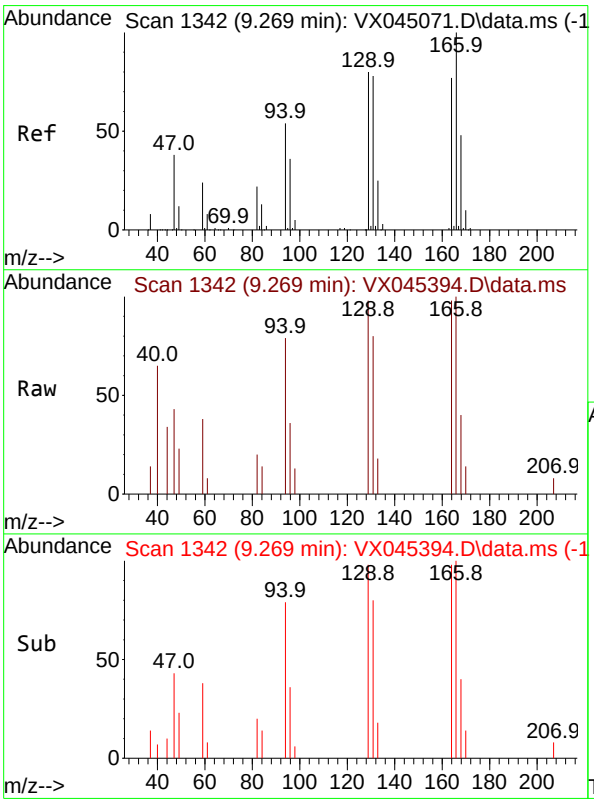

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045394.D
Acq: 21 Mar 2025 17:35

**Instrument :**
MSVOA_X
**ClientSampleId :**
TT172S1-20250317

Tgt Ion:117 Resp: 122794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 60.0 | 46.3 | 69.5 |
| 119 | 30.8 | 25.7 | 38.5 |

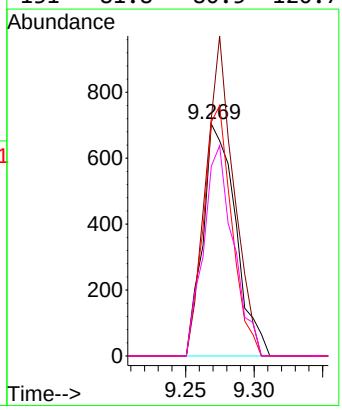


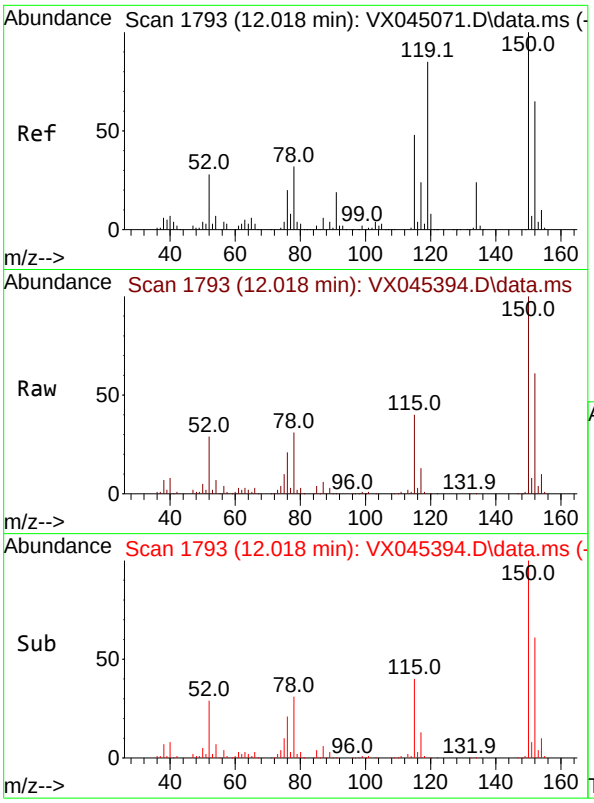




#64
Tetrachloroethene
Concen: 1.489 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045394.D
Acq: 21 Mar 2025 17:35

Tgt Ion:164 Resp: 1171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 102.4 | 103.6 | 155.4# |
| 129 | 100.9 | 82.7 | 124.1 |
| 131 | 81.8 | 80.5 | 120.7 |






#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045394.D
Acq: 21 Mar 2025 17:35

**Instrument :**
MSVOA_X
**ClientSampleId :**
TT172S1-20250317

Tgt Ion:152 Resp: 51514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 62.8 | 44.2 | 132.6 |
| 150 | 156.3 | 0.0 | 349.0 |