Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030625\
Data File : VX045170.D
Acq On : 06 Mar 2025 15:52
Operator : JC/MD
Sample : Q1488-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
ENV-101-SB01

Quant Time: Mar 07 00:45:58 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 | 5.550 | 168 | 78735 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.757 | 114 | 160534 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.049 | 117 | 146470 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152 | 59867 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.952 | 65 | 68170 | 54.432 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 74 - 125 | | Recovery = 108.860% | | | |
| 35) Dibromofluoromethane | 5.379 | 113 | 55628 | 51.822 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 103.640% | | | |
| 50) Toluene-d8 | 8.647 | 98 | 201436 | 51.761 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 86 - 113 | | Recovery = 103.520% | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 67095 | 52.029 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 77 - 121 | | Recovery = 104.060% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Acetone | 2.380 | 43 | 41771 | 71.886 | ug/l | 100 |
| 18) Methyl Acetate | 2.709 | 43 | 2222 | 1.590 | ug/l | 97 |
| 20) Methylene Chloride | 2.788 | 84 | 2646 | 2.299 | ug/l | 89 |
| 25) 2-Butanone | 4.587 | 43 | 4567 | 5.221 | ug/l | 97 |
| 43) Isopropyl Acetate | 6.342 | 43 | 50668 | 18.063 | ug/l | 98 |

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

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Misc : 5.0mL/MSVOA_X/WATER
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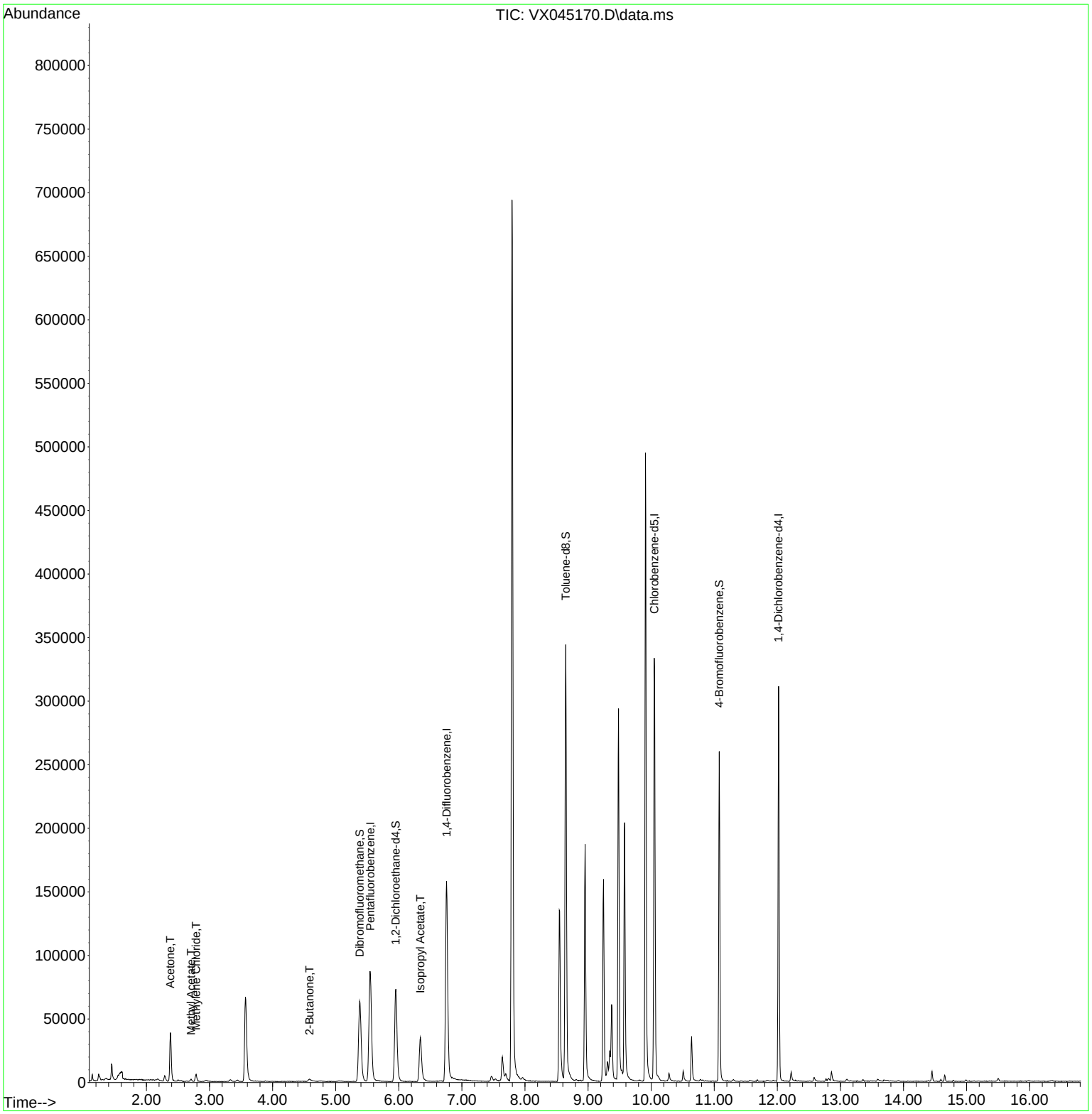
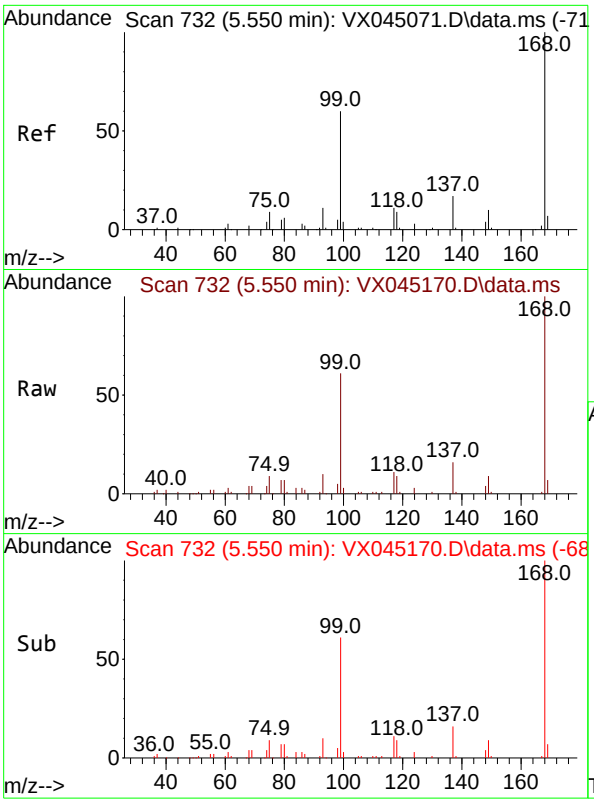
**Instrument :**
MSVOA_X
**ClientSampleId :**
ENV-101-SB01

Quant Time: Mar 07 00:45:58 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



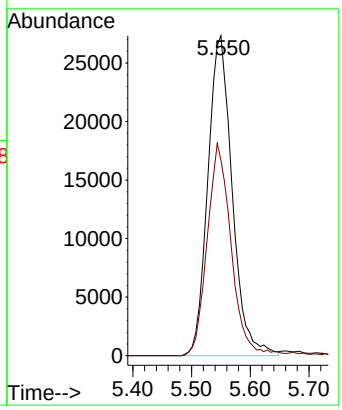


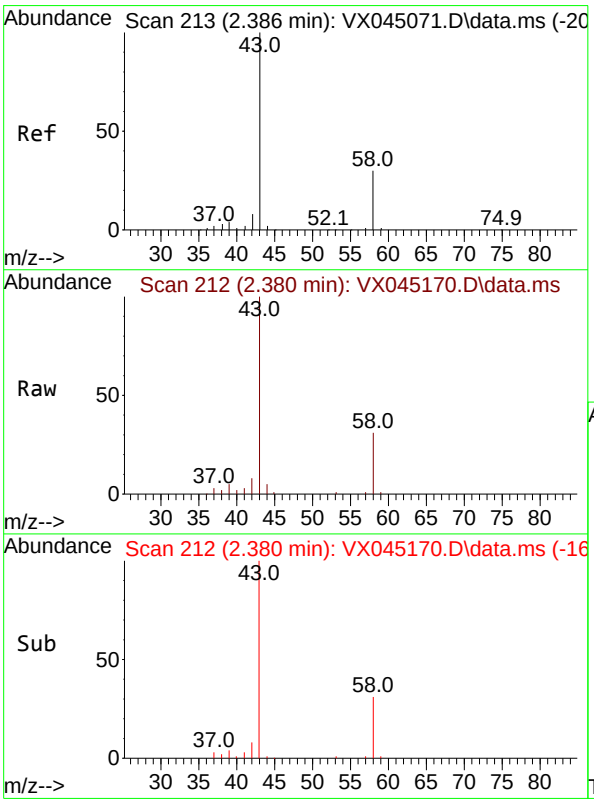

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

**Instrument :**
MSVOA_X
**ClientSampleId :**
ENV-101-SB01

Tgt Ion:168 Resp: 78735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 61.1 | 48.2 | 72.4 |

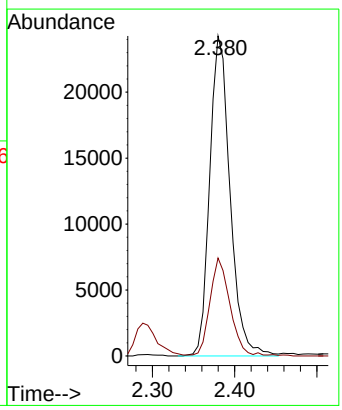


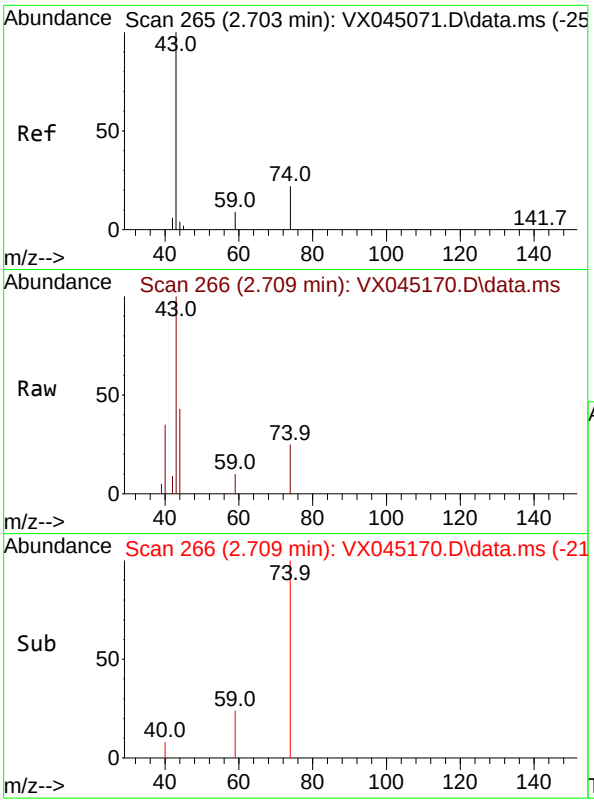




#16
Acetone
Concen: 71.886 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Tgt Ion: 43 Resp: 41771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 30.4 | 24.2 | 36.4 |



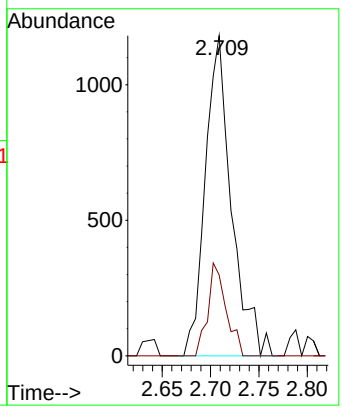


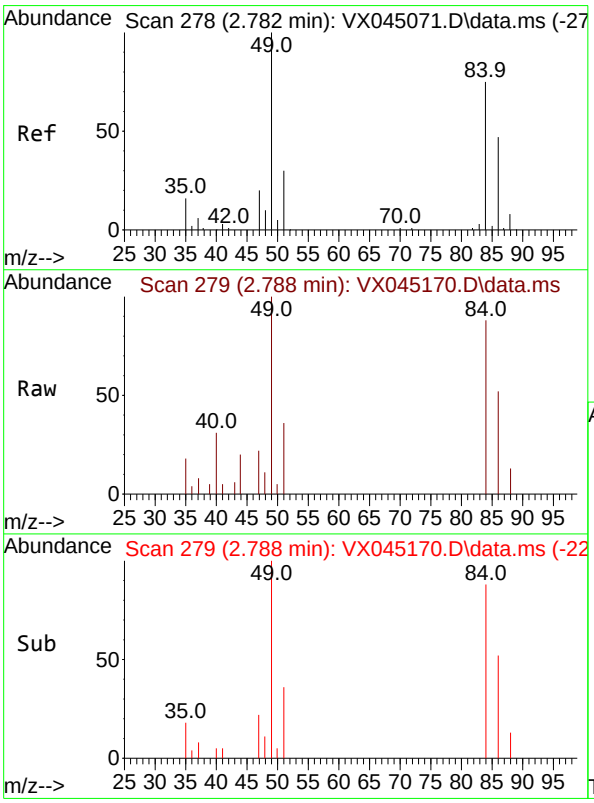

#18
Methyl Acetate
Concen: 1.590 ug/l
RT: 2.709 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

**Instrument :**
MSVOA_X
**ClientSampleId :**
ENV-101-SB01

Tgt Ion: 43 Resp: 2222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 20.2 | 17.4 | 26.2 |

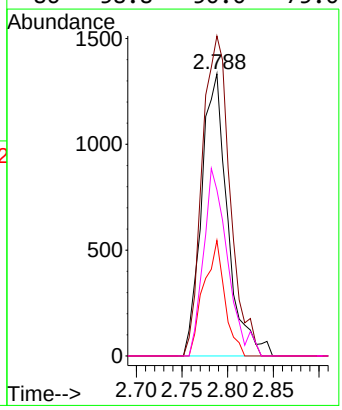


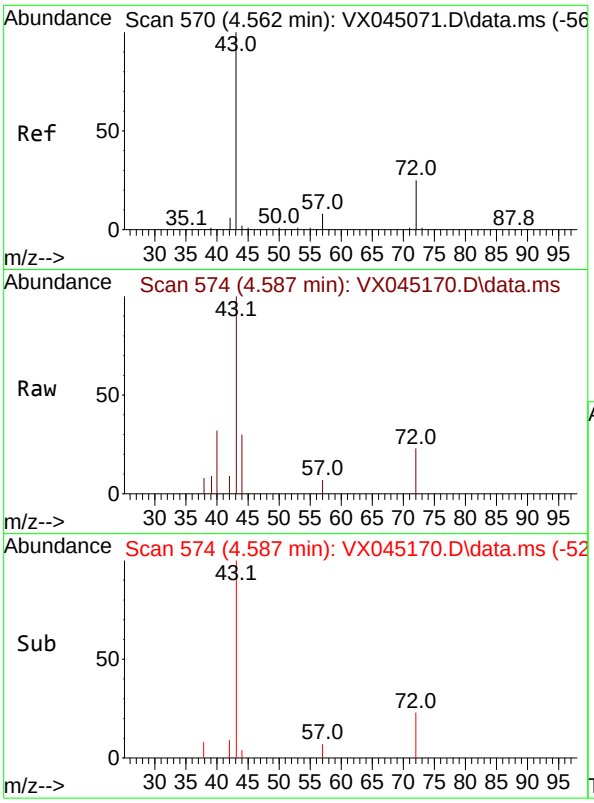




#20
Methylene Chloride
Concen: 2.299 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Tgt Ion: 84 Resp: 2646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 113.4 | 106.5 | 159.7 |
| 51 | 41.0 | 32.1 | 48.1 |
| 86 | 58.8 | 50.0 | 75.0 |



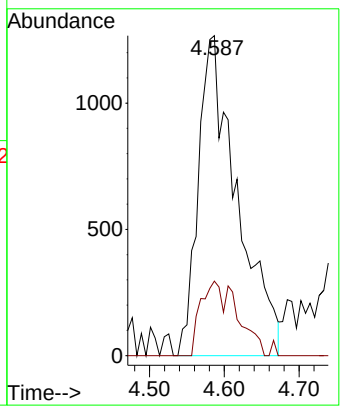


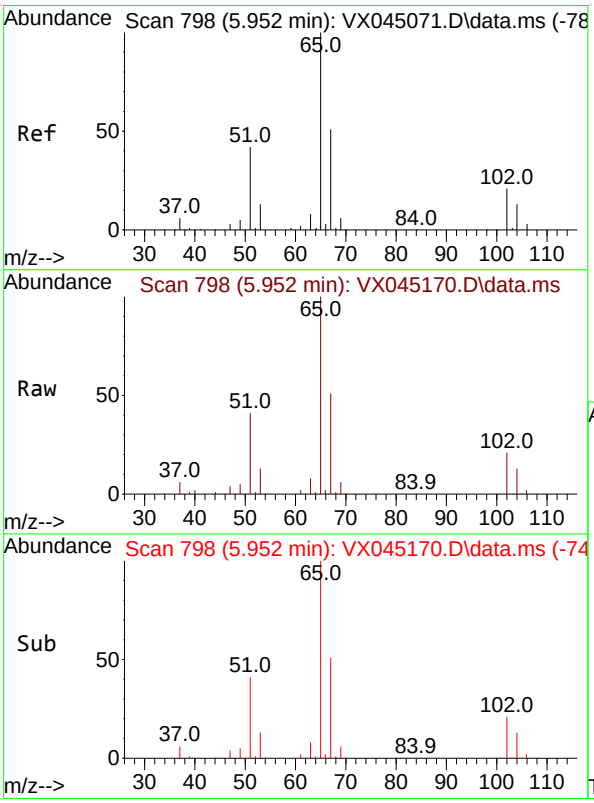

#25
2-Butanone
Concen: 5.221 ug/l
RT: 4.587 min Scan# 5
Delta R.T. 0.024 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

**Instrument :**
MSVOA_X
**ClientSampleId :**
ENV-101-SB01

Tgt Ion: 43 Resp: 4567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 23.3 | 20.0 | 30.0 |

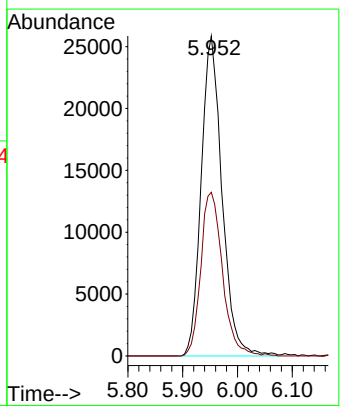


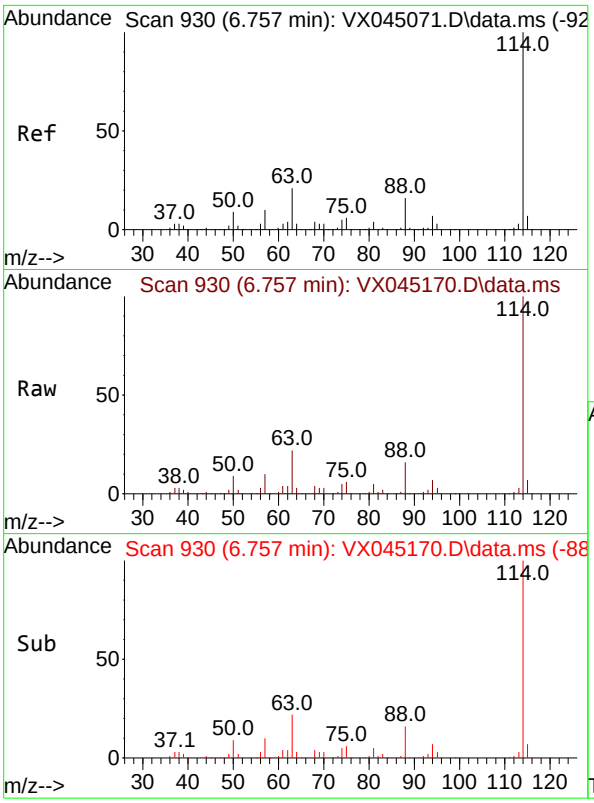




#33
1,2-Dichloroethane-d4
Concen: 54.432 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Tgt Ion: 65 Resp: 68170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 53.1 | 0.0 | 106.2 |



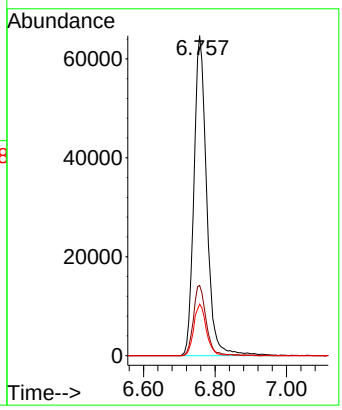


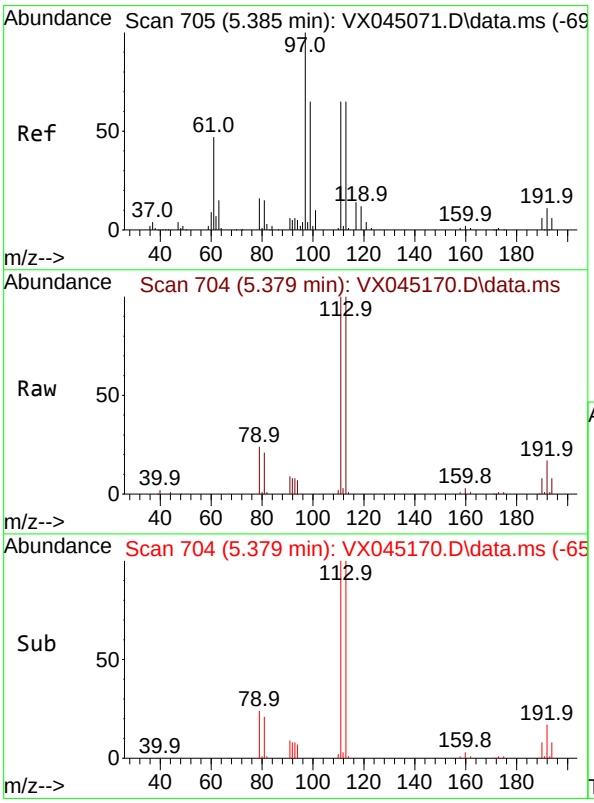

#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

**Instrument :**
MSVOA_X
**ClientSampleId :**
ENV-101-SB01

Tgt Ion:114 Resp: 160534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 22.0 | 0.0 | 41.8 |
| 88 | 16.1 | 0.0 | 32.8 |

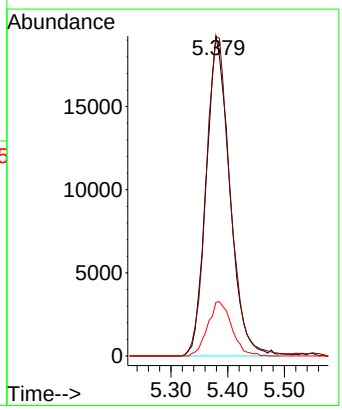


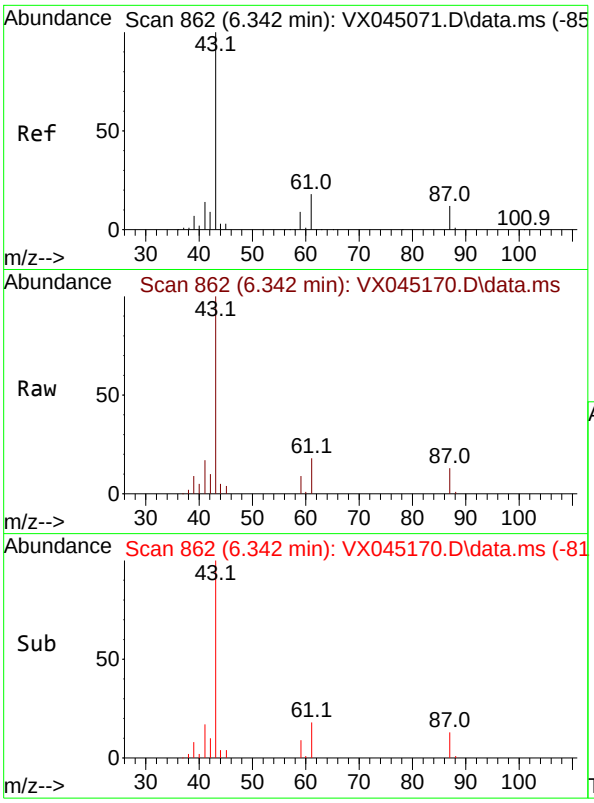




#35
Dibromofluoromethane
Concen: 51.822 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Tgt Ion:113 Resp: 55628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 101.4 | 81.8 | 122.6 |
| 192 | 17.3 | 14.3 | 21.5 |



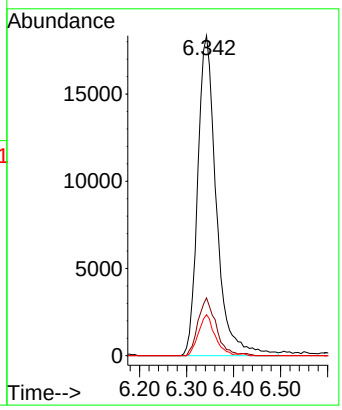


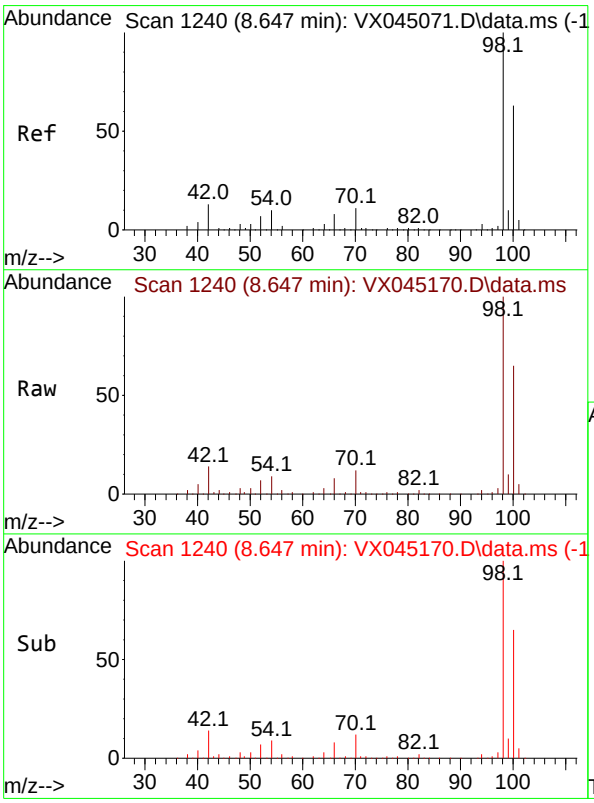

#43
Isopropyl Acetate
Concen: 18.063 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

**Instrument :**
MSVOA_X
**ClientSampleId :**
ENV-101-SB01

Tgt Ion: 43 Resp: 50668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 17.6 | 14.9 | 22.3 |
| 87 | 11.3 | 9.4 | 14.2 |

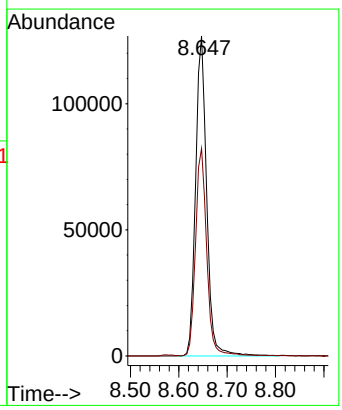


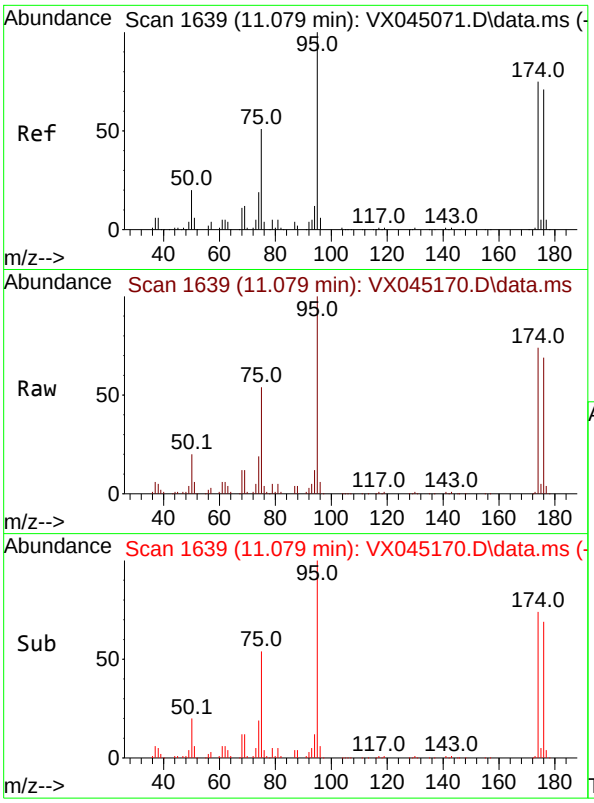




#50
Toluene-d8
Concen: 51.761 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Tgt Ion: 98 Resp: 201436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.2 | 52.0 | 78.0 |



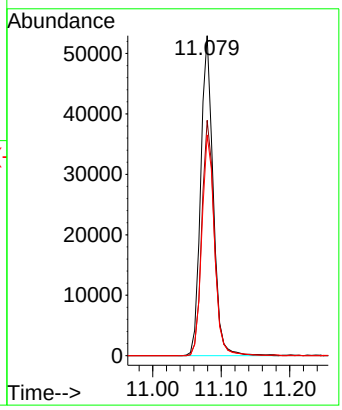


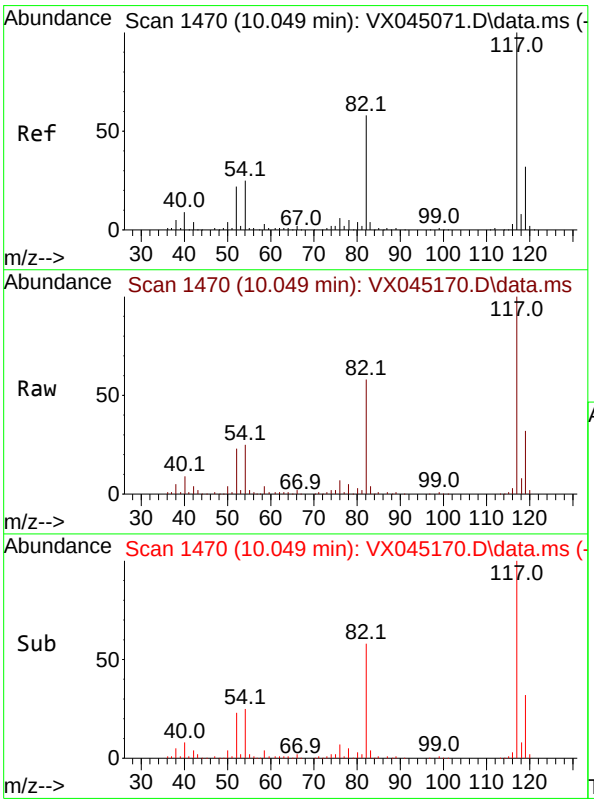

#62
4-Bromofluorobenzene
Concen: 52.029 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

**Instrument :**
MSVOA_X
**ClientSampleId :**
ENV-101-SB01

Tgt Ion: 95 Resp: 67095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 73.7 | 0.0 | 148.2 |
| 176 | 70.0 | 0.0 | 141.4 |

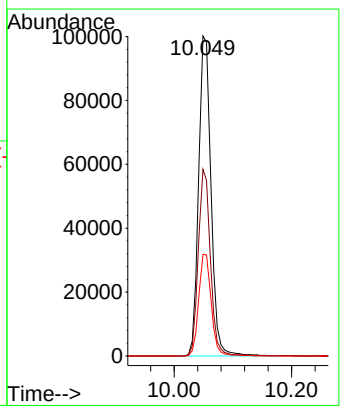


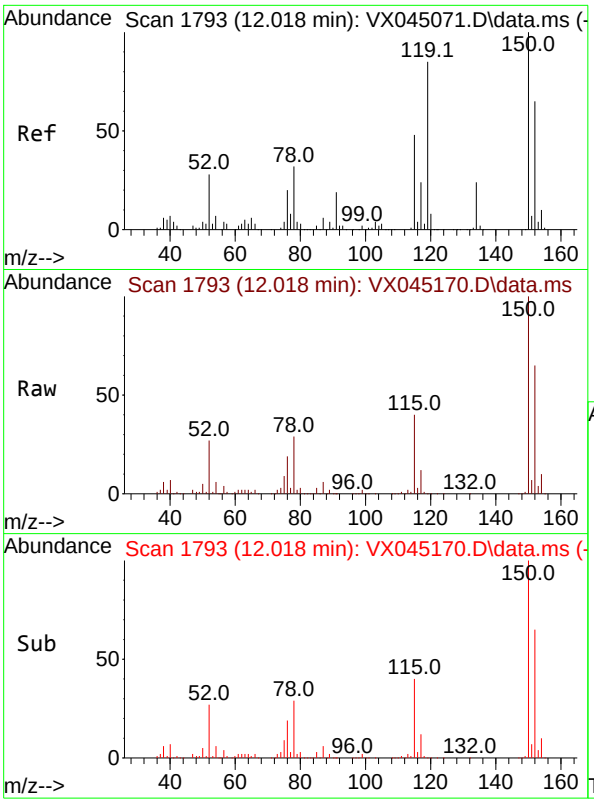




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

Tgt Ion:117 Resp: 146470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 58.3 | 46.3 | 69.5 |
| 119 | 31.8 | 25.7 | 38.5 |






#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045170.D
Acq: 06 Mar 2025 15:52

**Instrument :**
MSVOA_X
**ClientSampleId :**
ENV-101-SB01

Tgt Ion:152 Resp: 59867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 61.7 | 44.2 | 132.6 |
| 150 | 156.2 | 0.0 | 349.0 |