Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045718.D
Acq On : 11 Apr 2025 05:55
Operator : JC/MD
Sample : PB167534TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
PB167534TB

Quant Time: Apr 11 06:43:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.544 | 168 | 63061 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.757 | 114 | 126751 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.049 | 117 | 124488 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 53294 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.952 | 65 | 63259 | 54.854 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 74 - 125 | | Recovery = 109.700% | | | |
| 35) Dibromofluoromethane | 5.379 | 113 | 44790 | 49.805 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 99.620% | | | |
| 50) Toluene-d8 | 8.647 | 98 | 162427 | 51.746 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 86 - 113 | | Recovery = 103.500% | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 62575 | 54.730 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 77 - 121 | | Recovery = 109.460% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Acetone | 2.380 | 43 | 20727 | 43.770 | ug/l | 99 |
| 18) Methyl Acetate | 2.703 | 43 | 1842 | 1.689 | ug/l # | 86 |
| 20) Methylene Chloride | 2.782 | 84 | 2956 | 3.334 | ug/l | 93 |
| 43) Isopropyl Acetate | 6.349 | 43 | 8896 | 3.836 | ug/l | 99 |

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

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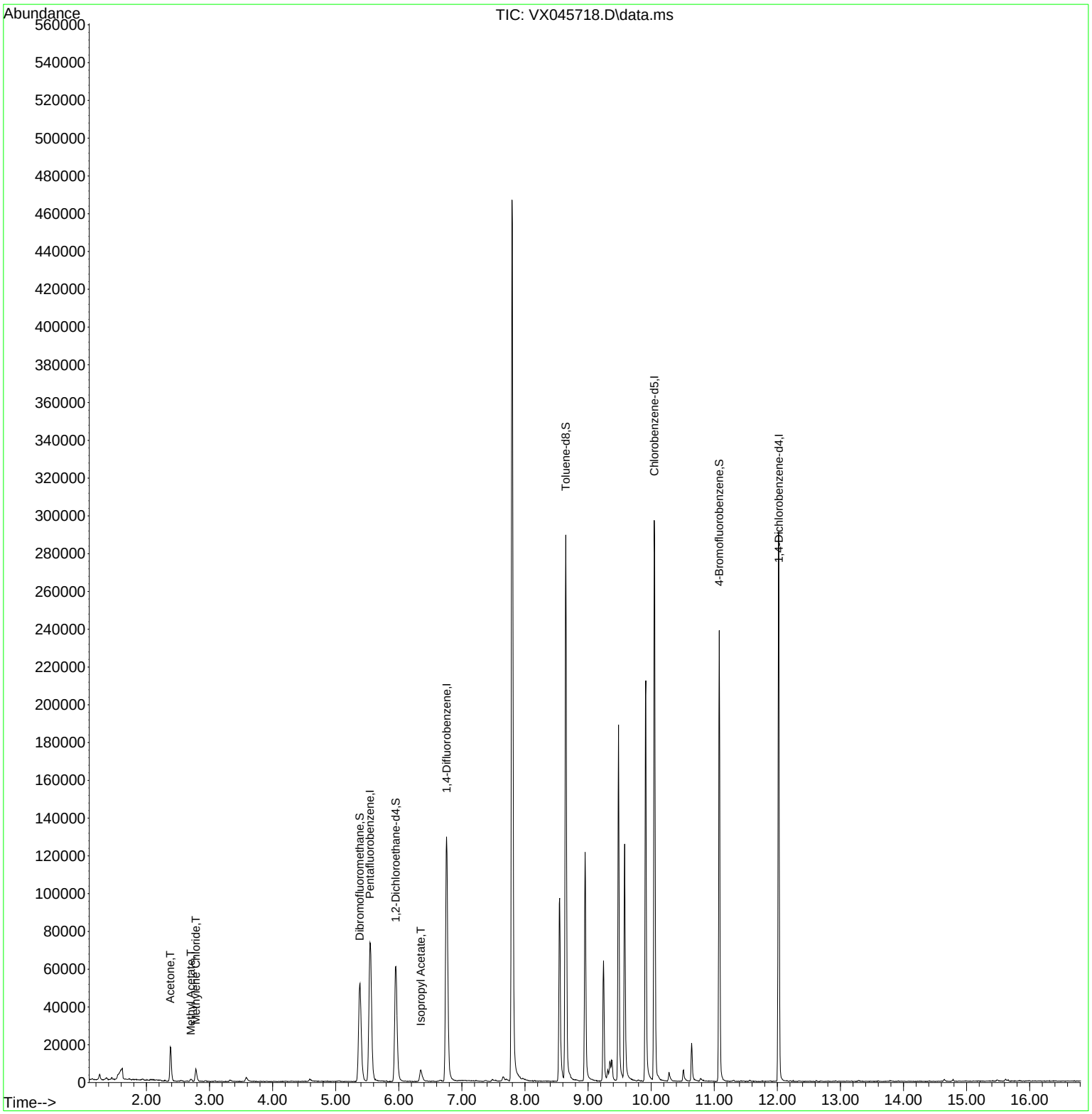
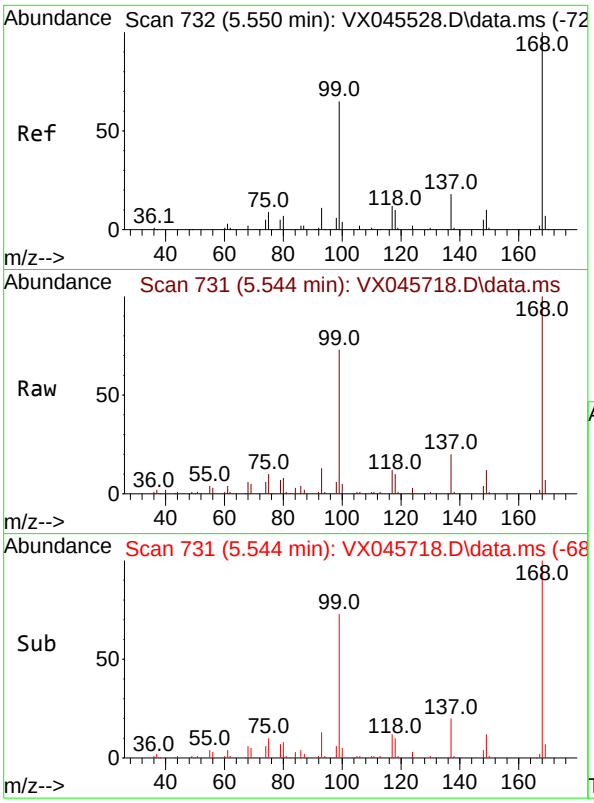
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



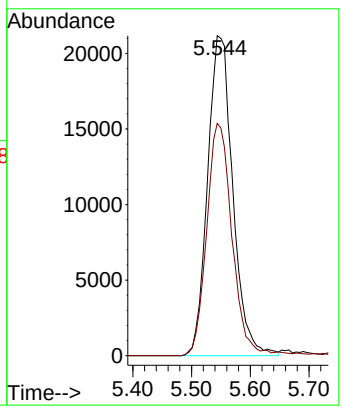


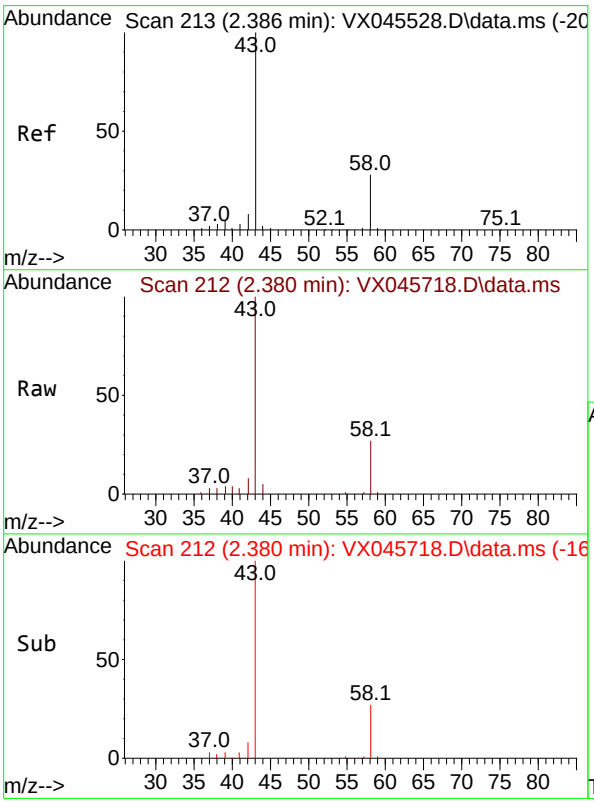

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
PB167534TB

Tgt Ion:168 Resp: 63061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 72.6 | 52.3 | 78.5 |

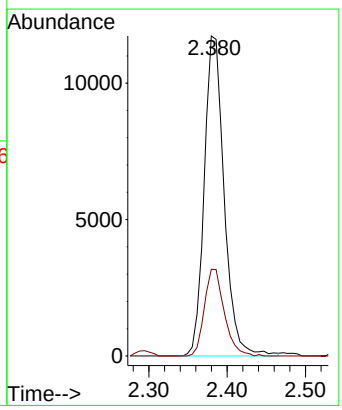


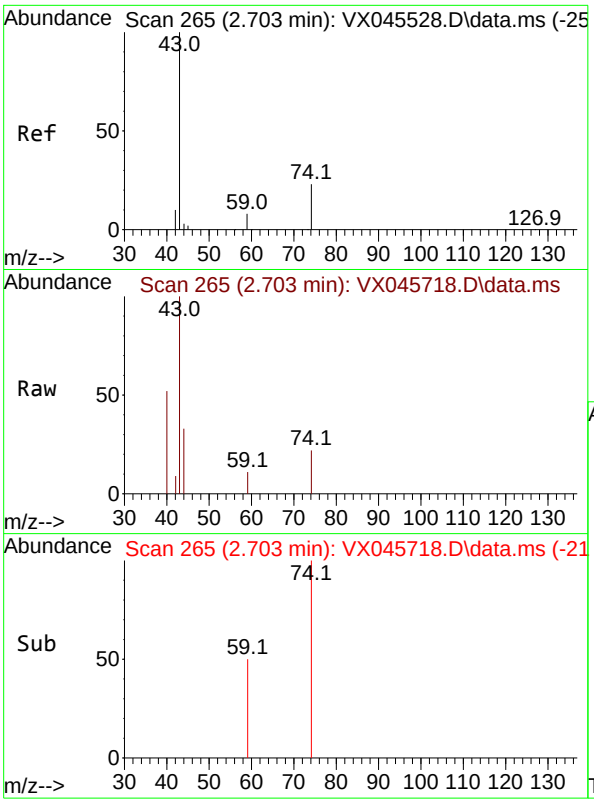




#16
Acetone
Concen: 43.770 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

Tgt Ion: 43 Resp: 20727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 27.1 | 22.3 | 33.5 |



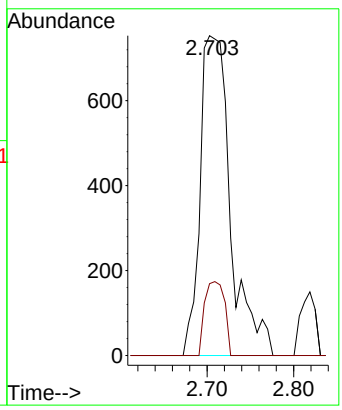


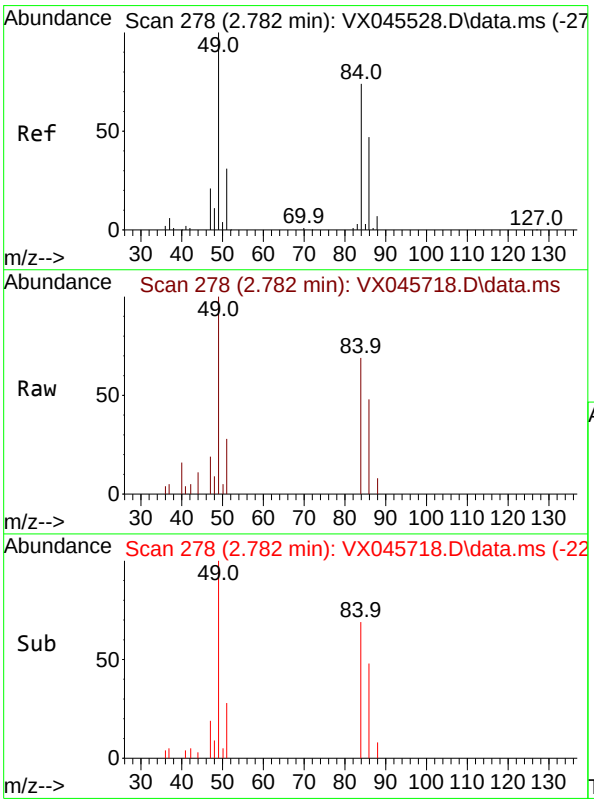

#18
Methyl Acetate
Concen: 1.689 ug/l
RT: 2.703 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
PB167534TB

Tgt Ion: 43 Resp: 1842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 15.0 | 17.5 | 26.3# |

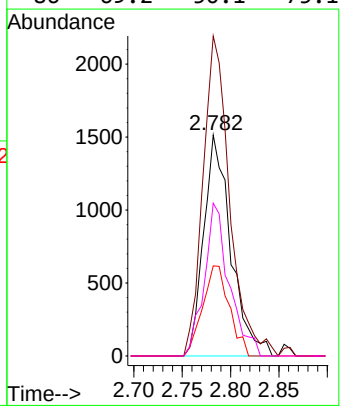


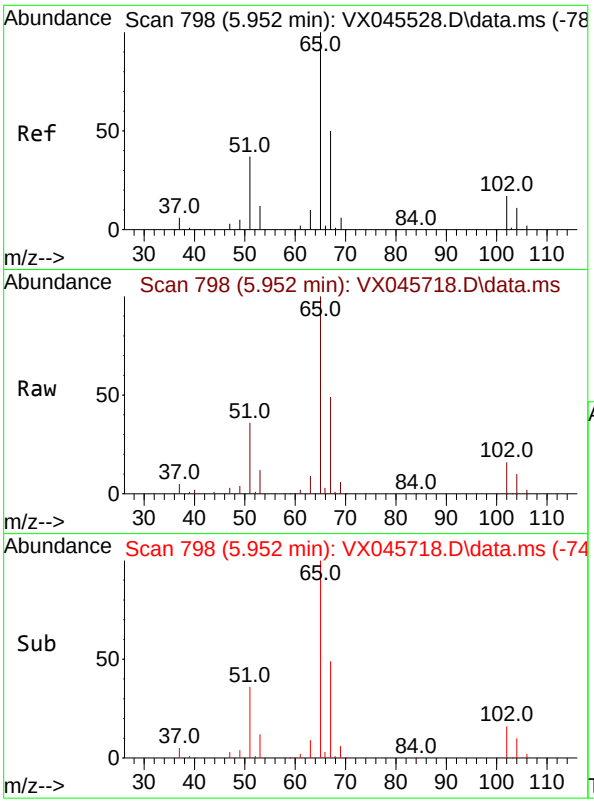




#20
Methylene Chloride
Concen: 3.334 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

Tgt Ion: 84 Resp: 2956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 144.8 | 107.5 | 161.3 |
| 51 | 40.8 | 33.0 | 49.6 |
| 86 | 69.2 | 50.1 | 75.1 |



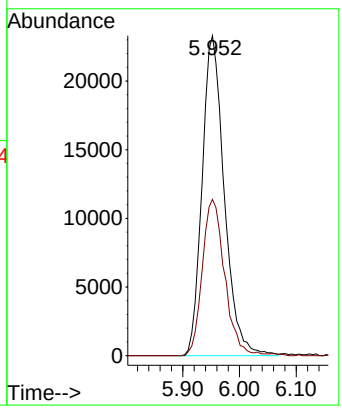


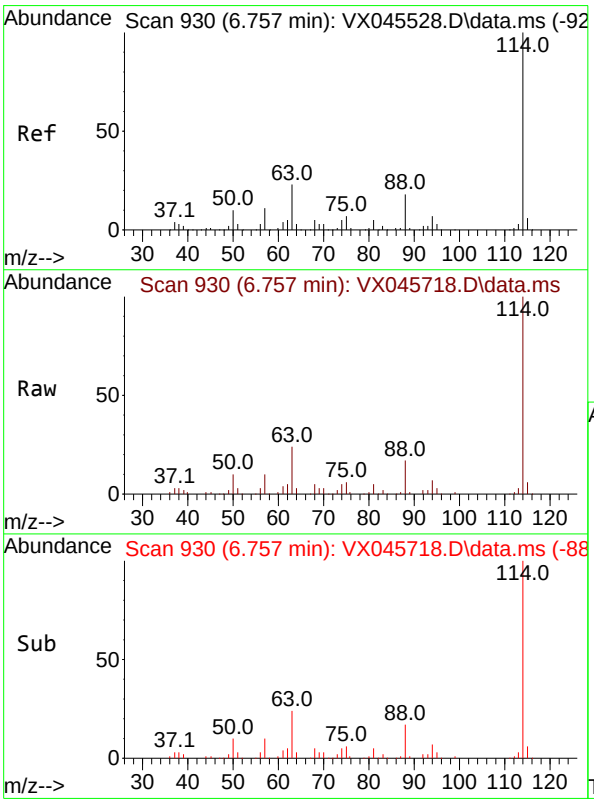

#33
1,2-Dichloroethane-d4
Concen: 54.854 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
PB167534TB

Tgt Ion: 65 Resp: 63259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 49.3 | 0.0 | 99.0 |

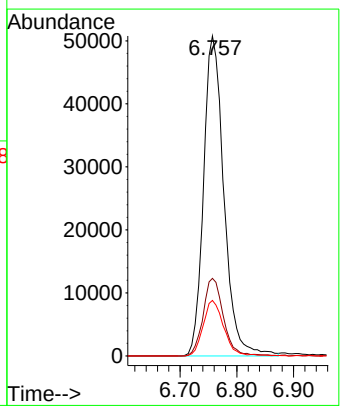


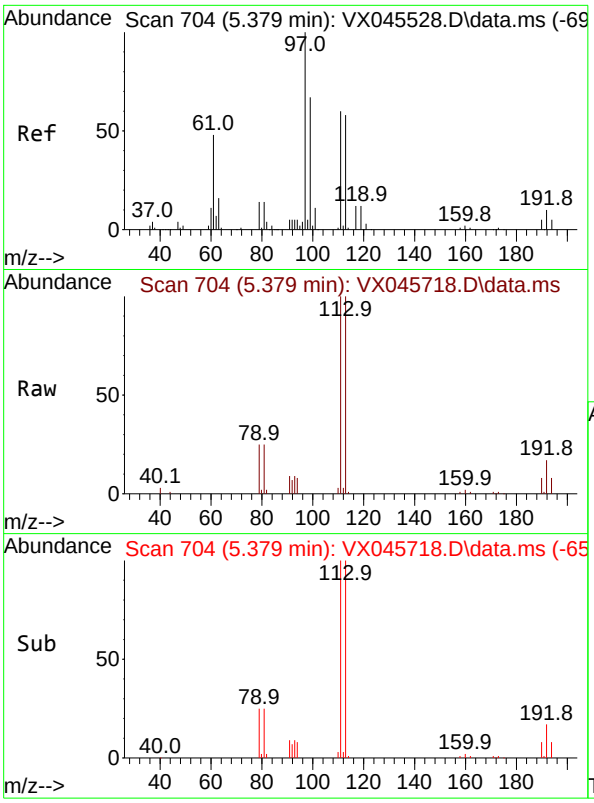




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

Tgt Ion:114 Resp: 126751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 24.2 | 0.0 | 46.8 |
| 88 | 17.4 | 0.0 | 35.4 |



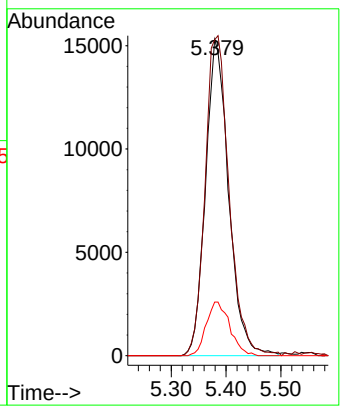


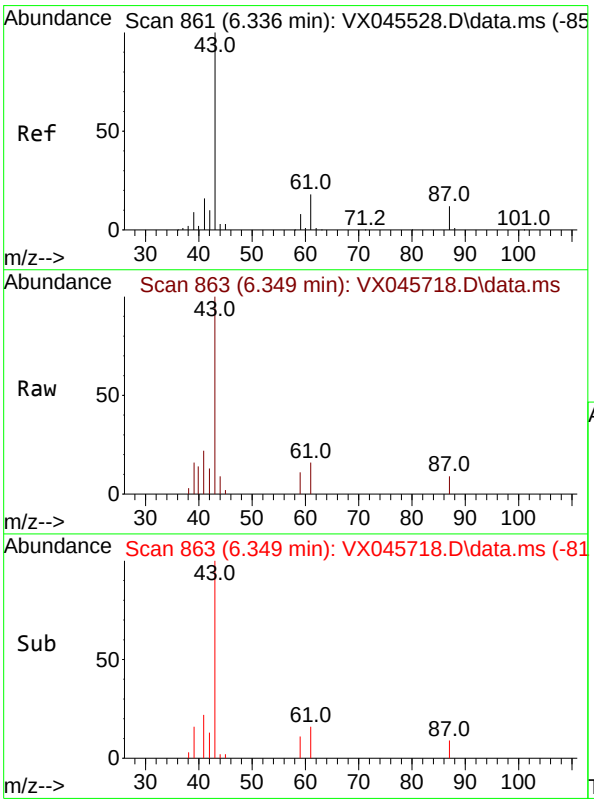

#35
Dibromofluoromethane
Concen: 49.805 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
PB167534TB

Tgt Ion:113 Resp: 44790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 105.1 | 81.8 | 122.6 |
| 192 | 17.3 | 13.8 | 20.6 |

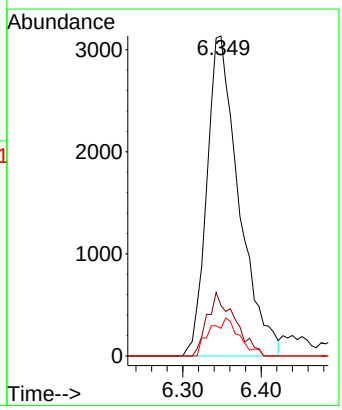


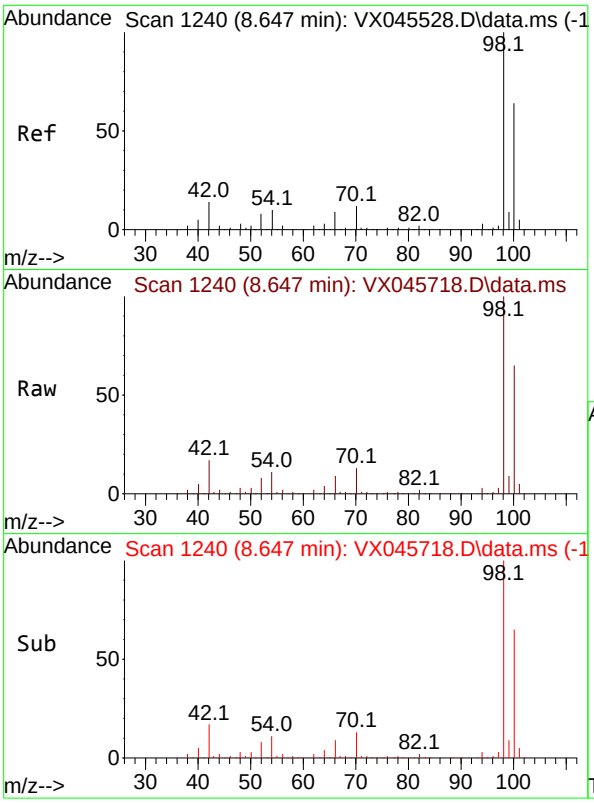




#43
Isopropyl Acetate
Concen: 3.836 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

Tgt Ion: 43 Resp: 8896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 17.2 | 14.1 | 21.1 |
| 87 | 10.9 | 9.2 | 13.8 |



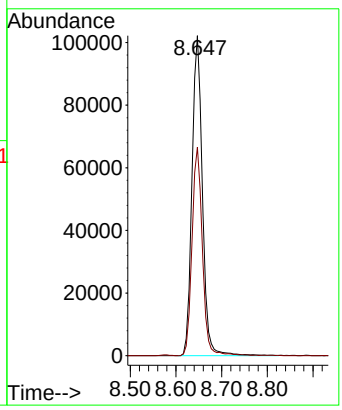


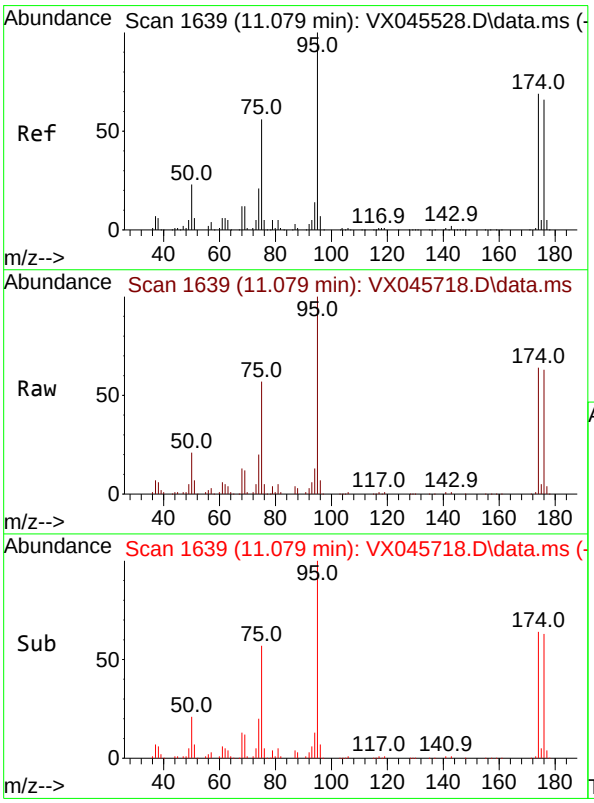

#50
Toluene-d8
Concen: 51.746 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
PB167534TB

Tgt Ion: 98 Resp: 162427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.7 | 52.2 | 78.4 |

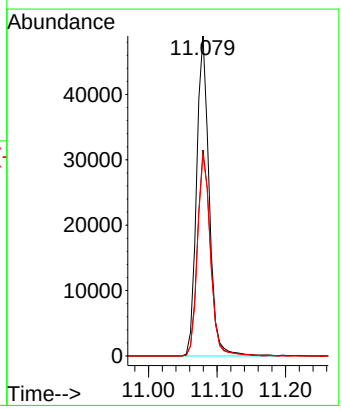


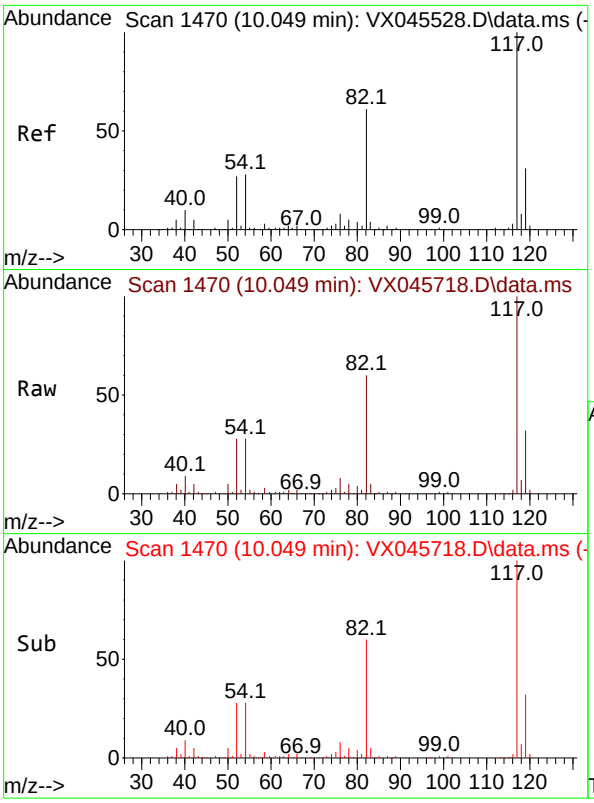




#62
4-Bromofluorobenzene
Concen: 54.730 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

Tgt Ion: 95 Resp: 62575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 66.5 | 0.0 | 135.8 |
| 176 | 64.6 | 0.0 | 131.4 |



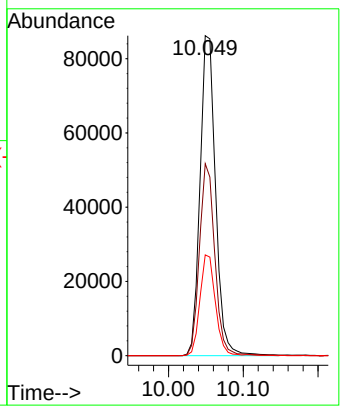


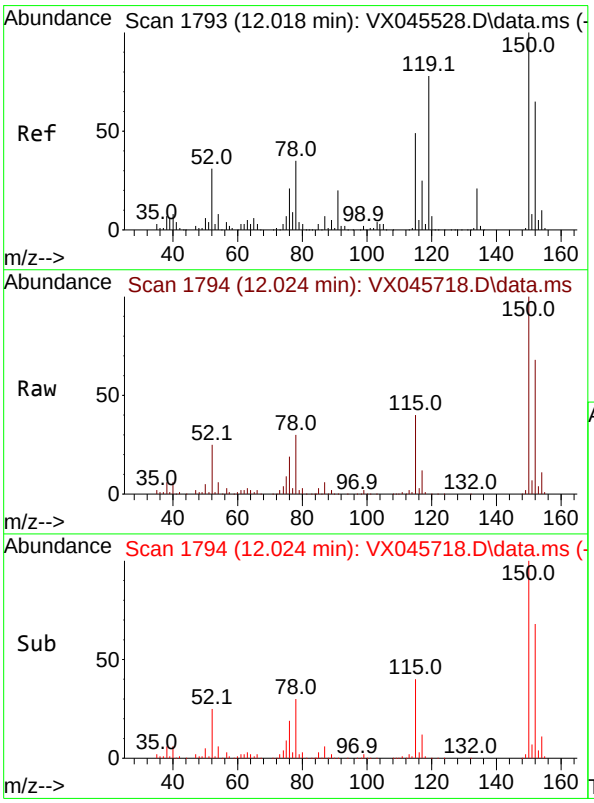

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

**Instrument :**
MSVOA_X
**ClientSampleId :**
PB167534TB

Tgt Ion:117 Resp: 124488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 60.0 | 49.2 | 73.8 |
| 119 | 31.5 | 25.1 | 37.7 |




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX045718.D
Acq: 11 Apr 2025 05:55

Tgt Ion:152 Resp: 53294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 65.9 | 46.9 | 140.7 |
| 150 | 157.2 | 0.0 | 349.4 |