Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121025\
Data File : VN088510.D
Acq On : 10 Dec 2025 18:36
Operator : JC\MD
Sample : Q3826-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
TP-11

Quant Time: Dec 11 02:14:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 8.206 | 168 | 198700 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 9.082 | 114 | 470681 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.847 | 117 | 495342 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.770 | 152 | 217926 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.559 | 65 | 224182 | 59.892 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 74 - 125 | | Recovery = 119.780% | | | |
| 35) Dibromofluoromethane | 8.147 | 113 | 161955 | 49.652 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 99.300% | | | |
| 50) Toluene-d8 | 10.547 | 98 | 567662 | 46.773 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 86 - 113 | | Recovery = 93.540% | | | |
| 62) 4-Bromofluorobenzene | 12.829 | 95 | 211902 | 50.886 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 77 - 121 | | Recovery = 101.780% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Acetone | 4.424 | 43 | 120517 | 89.028 | ug/l | 100 |
| 18) Methyl Acetate | 5.018 | 43 | 11235 | 2.788 | ug/l # | 72 |
| 20) Methylene Chloride | 5.271 | 84 | 63149 | 21.804 | ug/l | 95 |
| 43) Isopropyl Acetate | 8.677 | 43 | 23230 | 2.297 | ug/l # | 88 |

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

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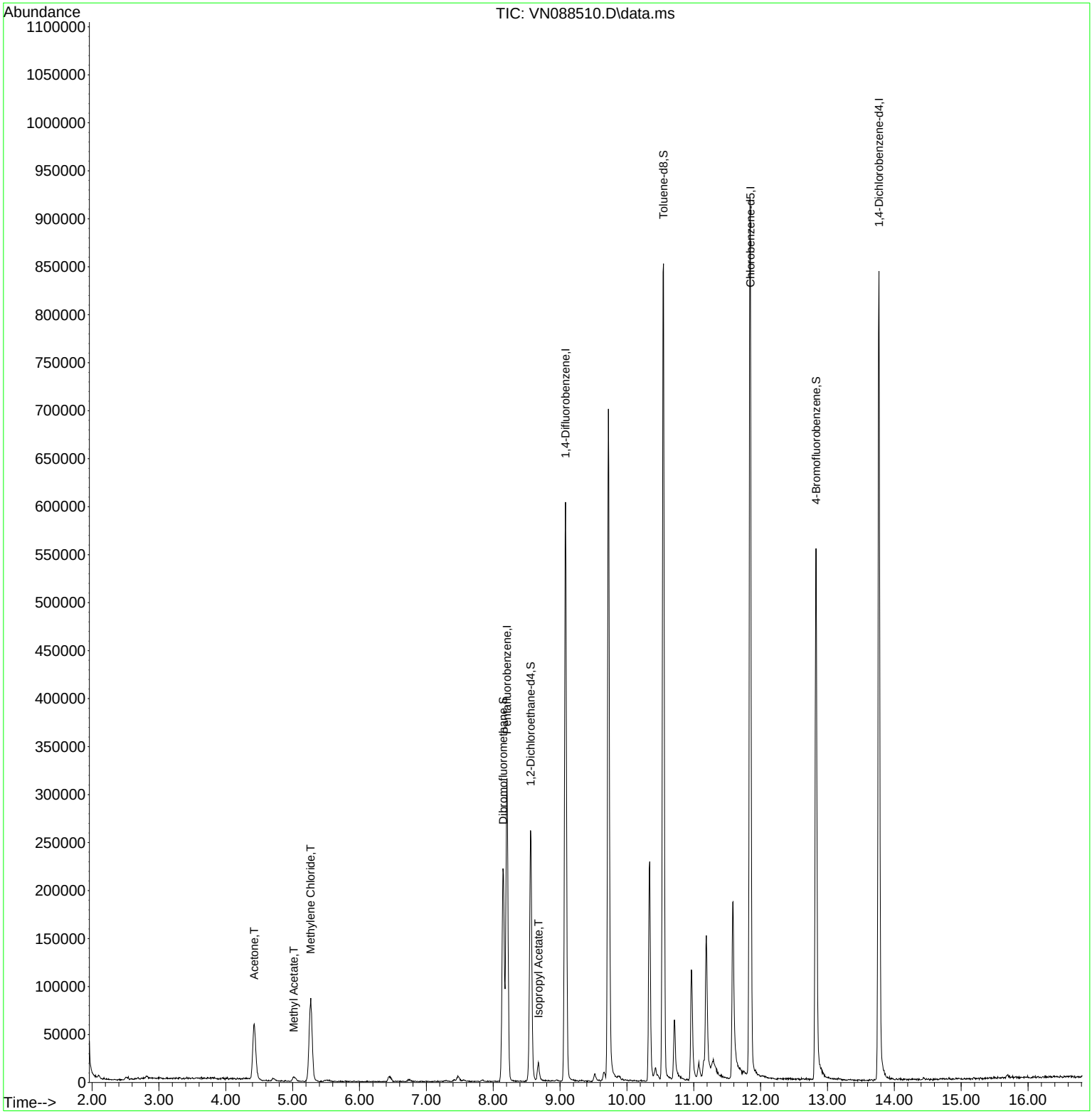
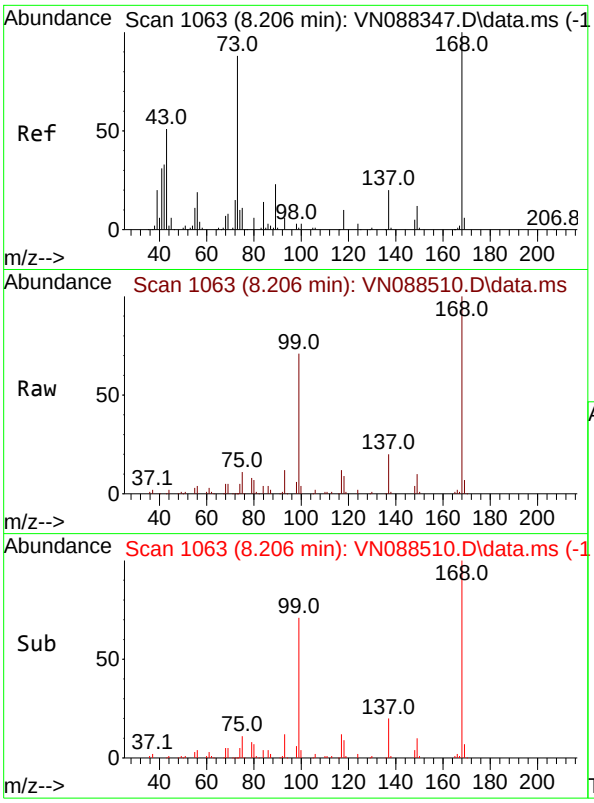


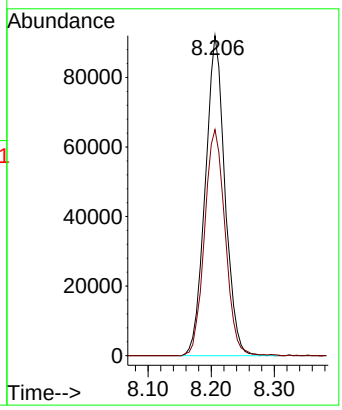


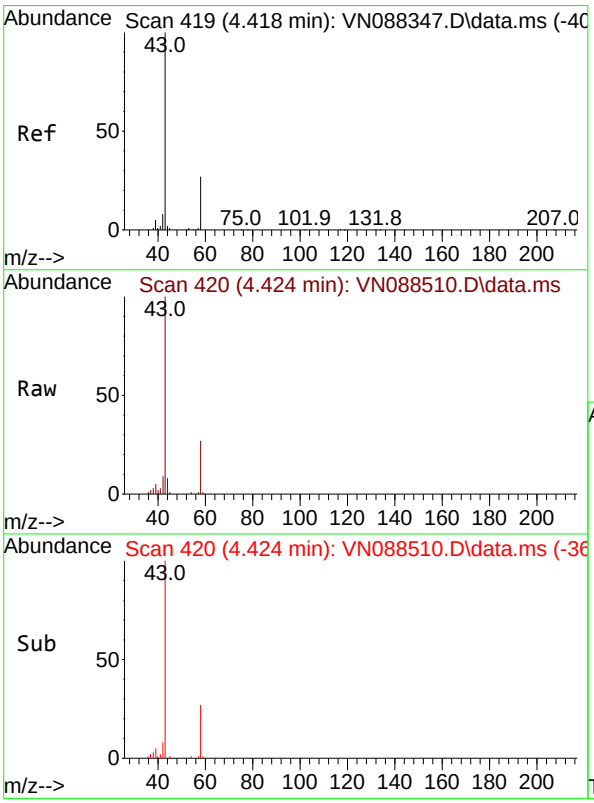

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088510.D
Acq: 10 Dec 2025 18:36

**Instrument :**
MSVOA_N
**ClientSampleId :**
TP-11

Tgt Ion:168 Resp: 198700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 70.7 | 57.1 | 85.7 |

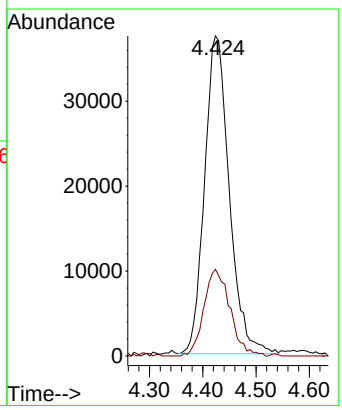


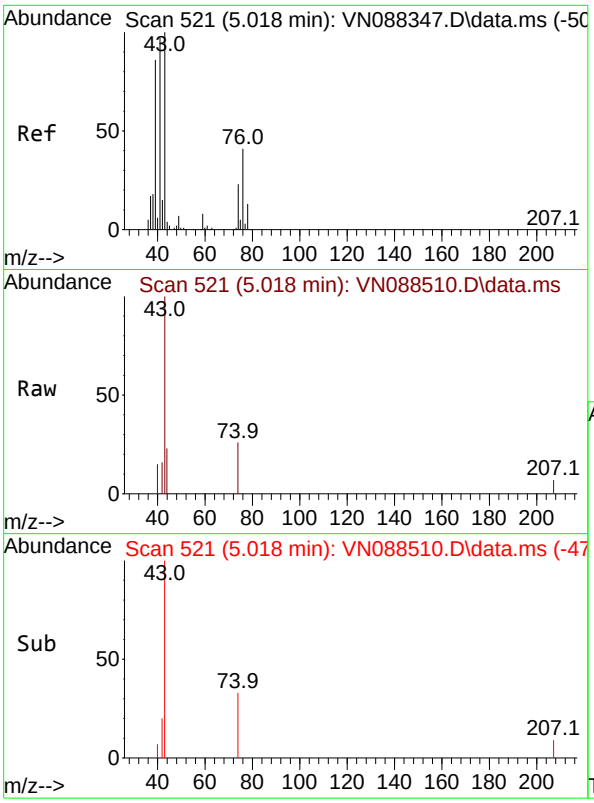




#16
Acetone
Concen: 89.028 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088510.D
Acq: 10 Dec 2025 18:36

Tgt Ion: 43 Resp: 120517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 27.3 | 21.7 | 32.5 |



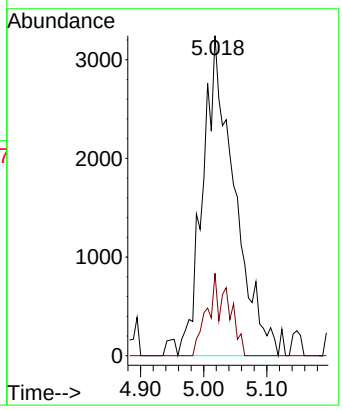


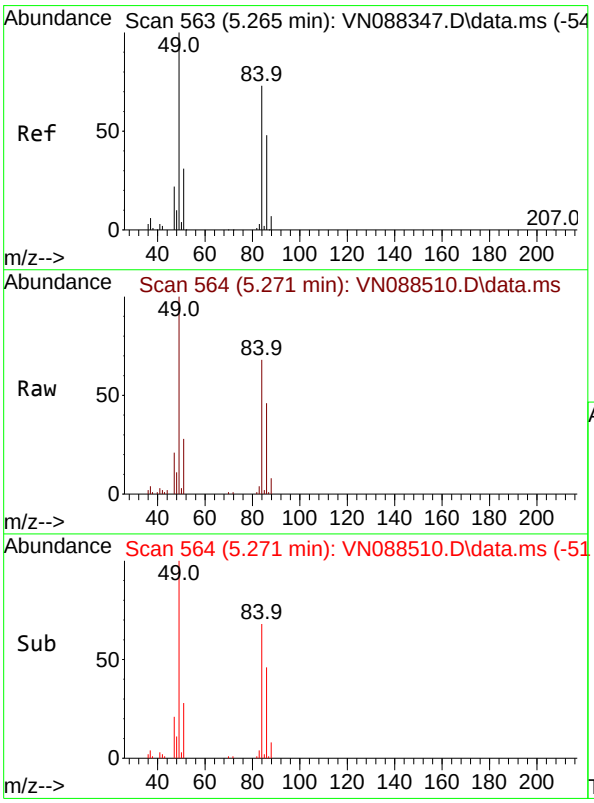

#18
Methyl Acetate
Concen: 2.788 ug/l
RT: 5.018 min Scan# 5
Delta R.T. 0.000 min
Lab File: VN088510.D
Acq: 10 Dec 2025 18:36

**Instrument :**
MSVOA_N
**ClientSampleId :**
TP-11

Tgt Ion: 43 Resp: 11235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 9.1 | 17.9 | 26.9# |

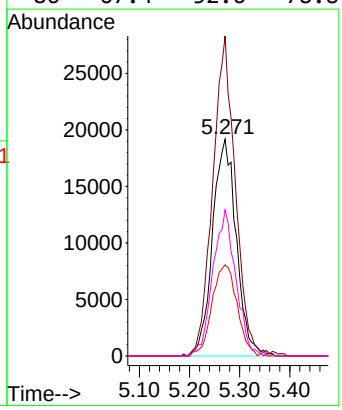


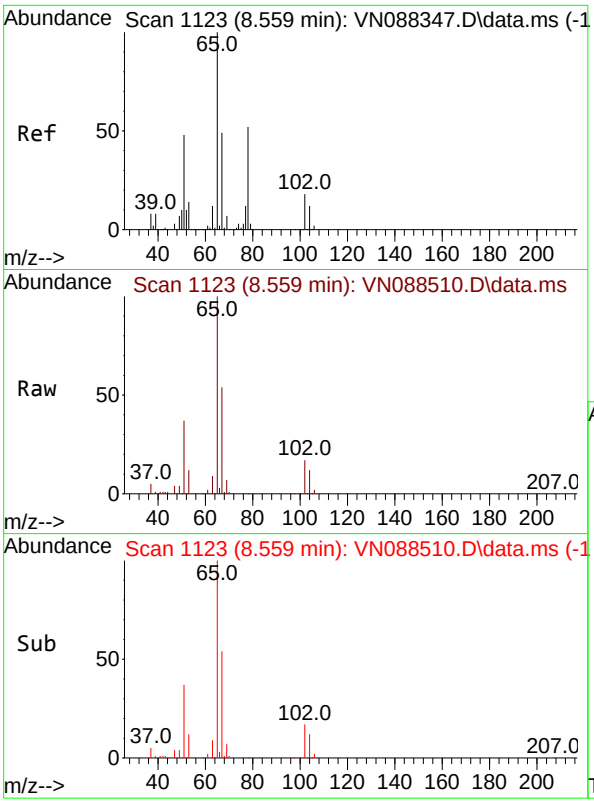




#20
Methylene Chloride
Concen: 21.804 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN088510.D
Acq: 10 Dec 2025 18:36

Tgt Ion: 84 Resp: 63149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 147.7 | 110.2 | 165.2 |
| 51 | 42.1 | 34.1 | 51.1 |
| 86 | 67.4 | 52.6 | 78.8 |



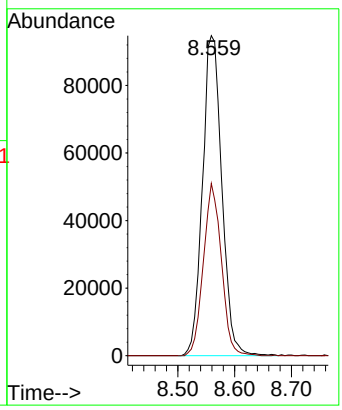


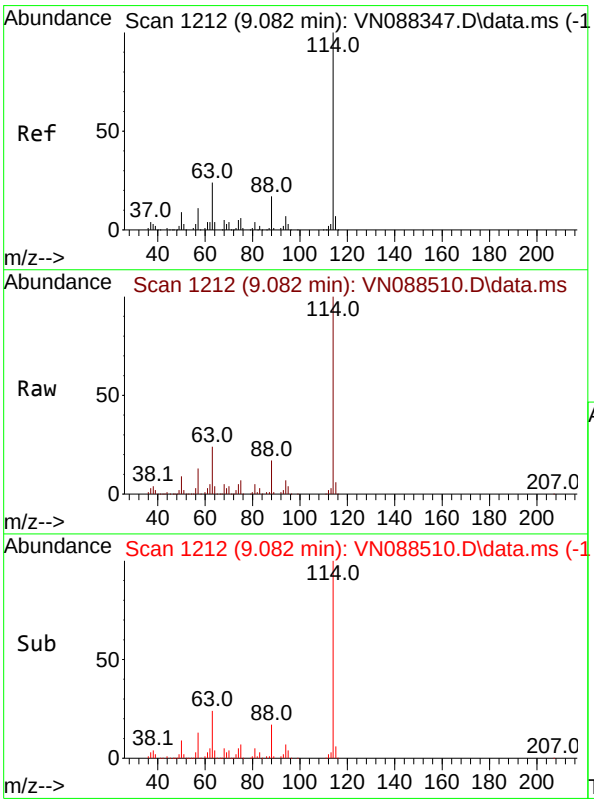

#33
1,2-Dichloroethane-d4
Concen: 59.892 ug/l
RT: 8.559 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088510.D
Acq: 10 Dec 2025 18:36

**Instrument :**
MSVOA_N
**ClientSampleId :**
TP-11

Tgt Ion: 65 Resp: 224182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 49.9 | 0.0 | 100.8 |

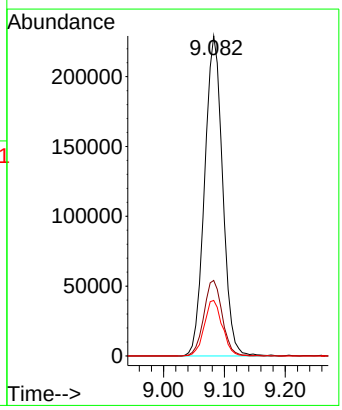


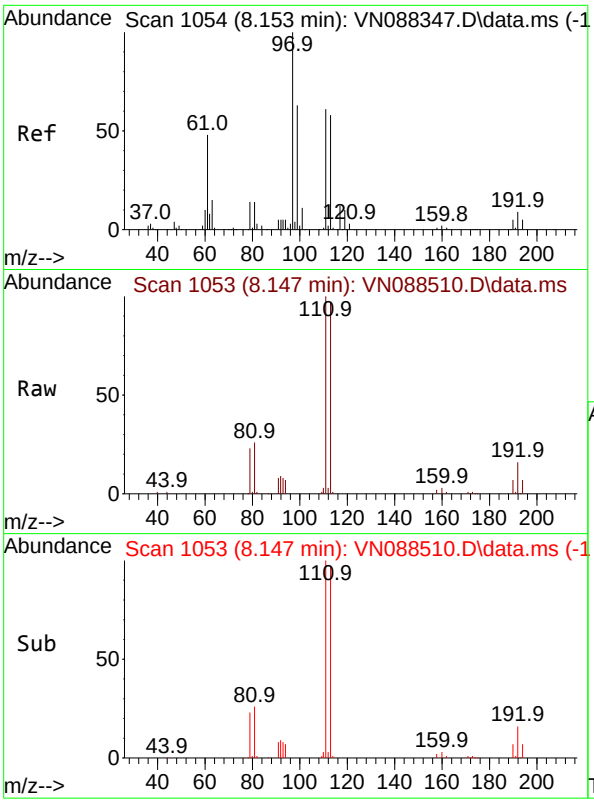




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088510.D
Acq: 10 Dec 2025 18:36

Tgt Ion:114 Resp: 470681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 23.6 | 0.0 | 49.0 |
| 88 | 17.3 | 0.0 | 34.0 |



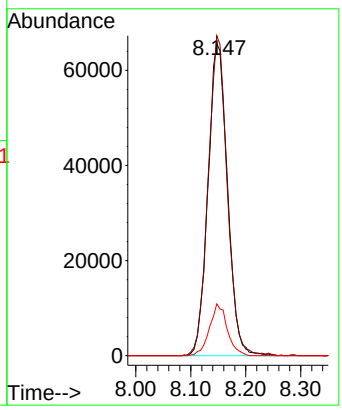


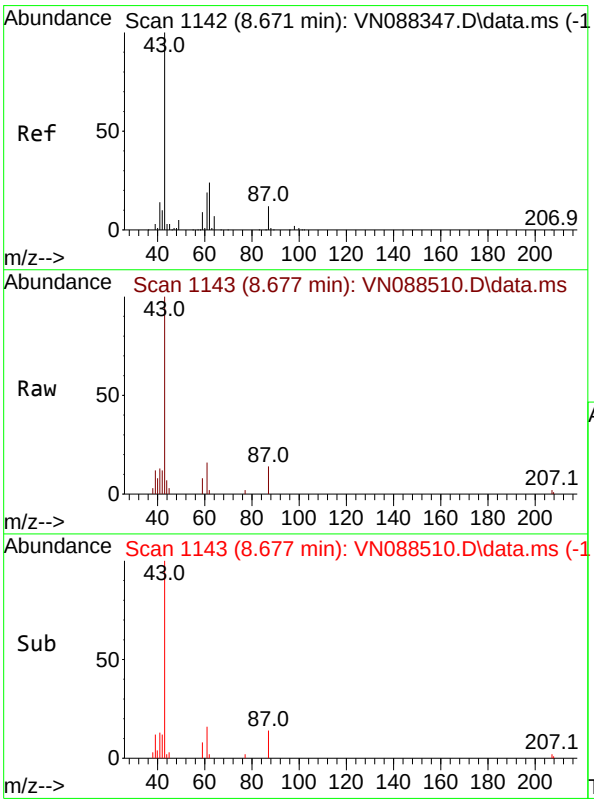

#35
Dibromofluoromethane
Concen: 49.652 ug/l
RT: 8.147 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088510.D
Acq: 10 Dec 2025 18:36

**Instrument :**
MSVOA_N
**ClientSampleId :**
TP-11

Tgt Ion:113 Resp: 161955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 100.7 | 82.5 | 123.7 |
| 192 | 15.1 | 12.8 | 19.2 |

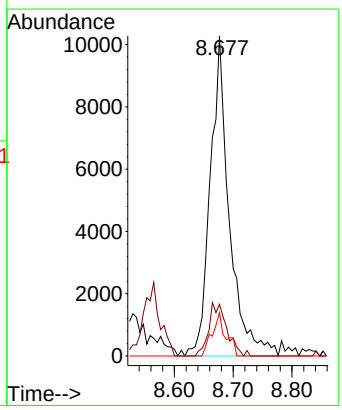


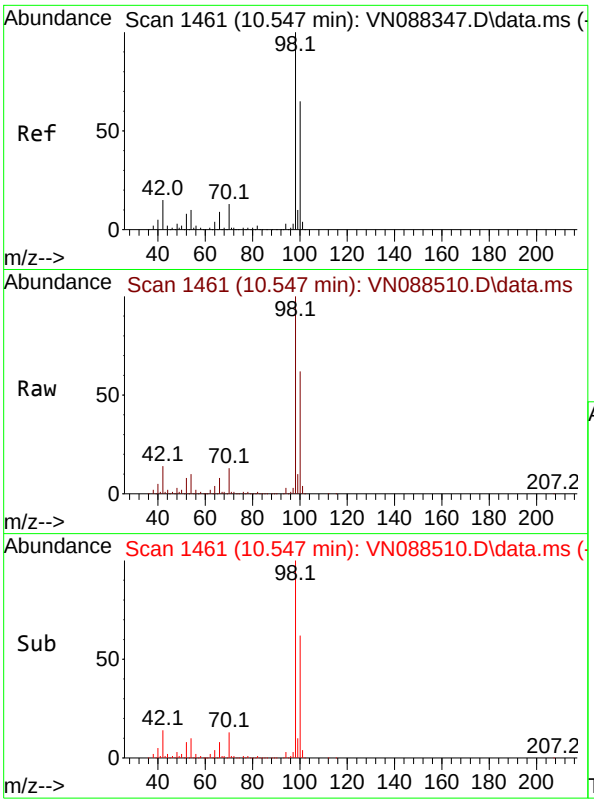




#43
Isopropyl Acetate
Concen: 2.297 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN088510.D
Acq: 10 Dec 2025 18:36

Tgt Ion: 43 Resp: 23230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 15.8 | 18.7 | 28.1# |
| 87 | 9.7 | 9.1 | 13.7 |



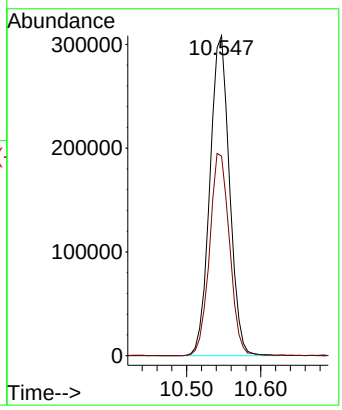


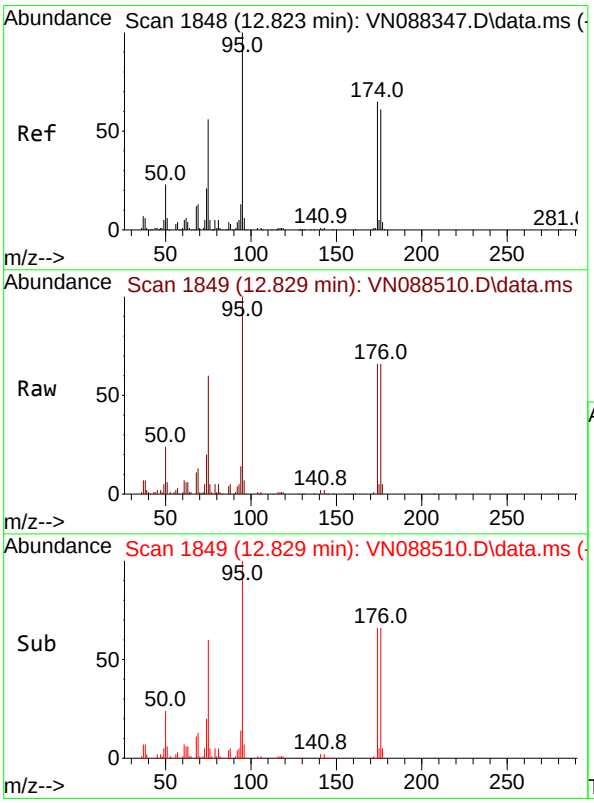

#50
Toluene-d8
Concen: 46.773 ug/l
RT: 10.547 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN088510.D
Acq: 10 Dec 2025 18:36

**Instrument :**
MSVOA_N
**ClientSampleId :**
TP-11

Tgt Ion: 98 Resp: 567662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 64.3 | 52.2 | 78.2 |

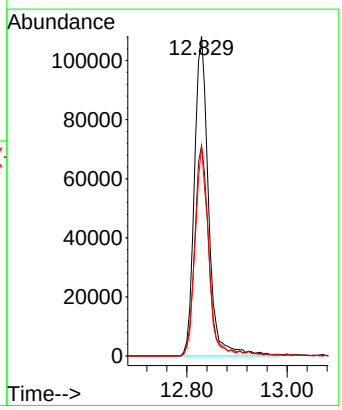


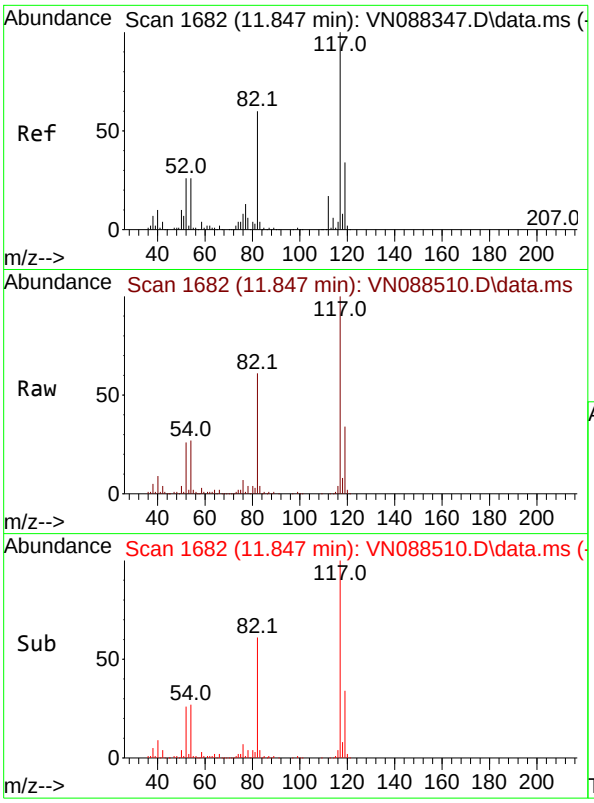




#62
4-Bromofluorobenzene
Concen: 50.886 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088510.D
Acq: 10 Dec 2025 18:36

Tgt Ion: 95 Resp: 211902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 65.1 | 0.0 | 139.0 |
| 176 | 61.3 | 0.0 | 132.4 |



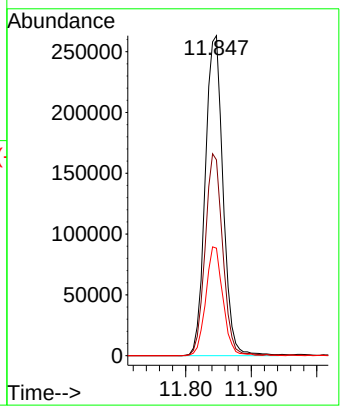


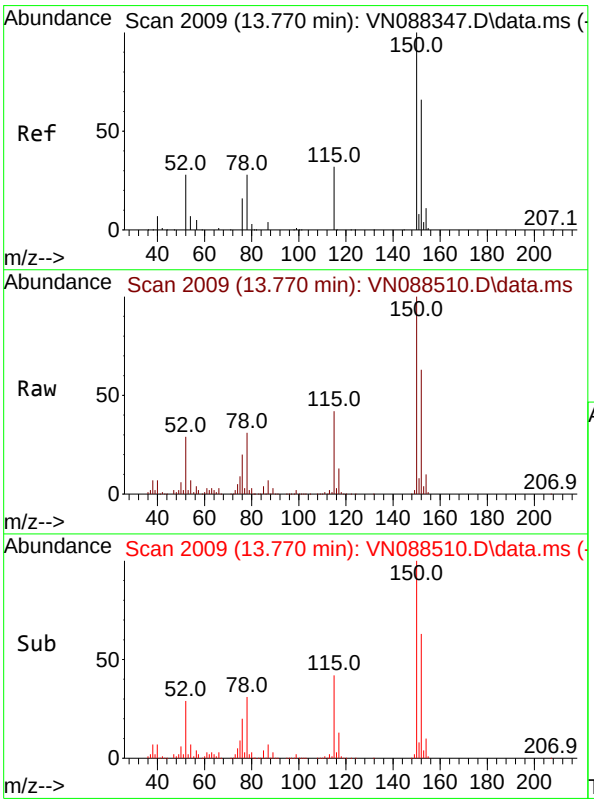

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088510.D
Acq: 10 Dec 2025 18:36

**Instrument :**
MSVOA_N
**ClientSampleId :**
TP-11

Tgt Ion:117 Resp: 495342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 61.2 | 47.8 | 71.8 |
| 119 | 33.6 | 26.9 | 40.3 |




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VN088510.D
Acq: 10 Dec 2025 18:36

Tgt Ion:152 Resp: 217926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 65.8 | 33.0 | 98.9 |
| 150 | 158.7 | 0.0 | 349.0 |