Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
Data File : VY022812.D
Acq On : 25 Jun 2025 09:46
Operator : SY/MD
Sample : VY0625SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0625SBL01

Quant Time: Jun 26 01:21:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

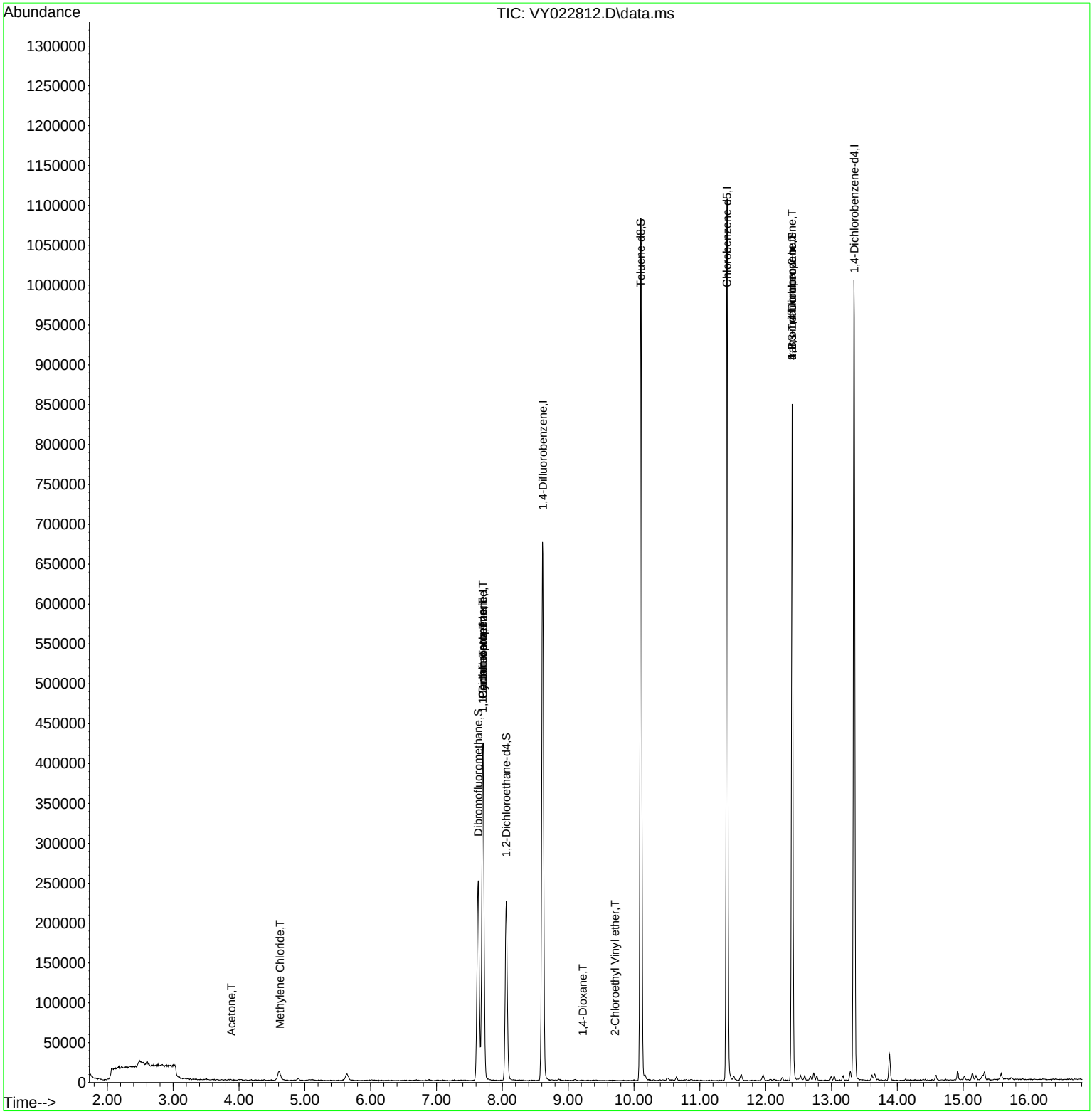
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 7.707 | 168 | 322245 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.616 | 114 | 582244 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.414 | 117 | 555259 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.346 | 152 | 248657 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.061 | 65 | 173470 | 48.232 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 50 - 163 | | Recovery = 96.460% | | | |
| 35) Dibromofluoromethane | 7.634 | 113 | 176319 | 49.795 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 54 - 147 | | Recovery = 99.580% | | | |
| 50) Toluene-d8 | 10.103 | 98 | 692371 | 49.276 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 134 | | Recovery = 98.560% | | | |
| 62) 4-Bromofluorobenzene | 12.401 | 95 | 240647 | 53.277 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 30 - 143 | | Recovery = 106.560% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Acetone | 3.885 | 43 | 1355 | 1.993 | ug/l # | 45 |
| 20) Methylene Chloride | 4.622 | 84 | 8713 | 2.030 | ug/l # | 71 |
| 31) Cyclohexane | 7.707 | 56 | 8093 | 1.310 | ug/l # | 31 |
| 36) 1,1-Dichloropropene | 7.701 | 75 | 26283 | 4.897 | ug/l # | 50 |
| 38) Carbon Tetrachloride | 7.707 | 117 | 32842 | 5.799 | ug/l # | 17 |
| 49) 1,4-Dioxane | 9.225 | 88 | 40 | 1.544 | ug/l # | 3 |
| 58) 2-Chloroethyl Vinyl ether | 9.713 | 63 | 135 | 15.718 | ug/l # | 78 |
| 76) 1,2,3-Trichloropropane | 12.401 | 75 | 137271 | 54.074 | ug/l # | 100 |
| 81) trans-1,4-Dichloro-2-b... | 12.401 | 75 | 137271 | 136.612 | ug/l # | 10 |

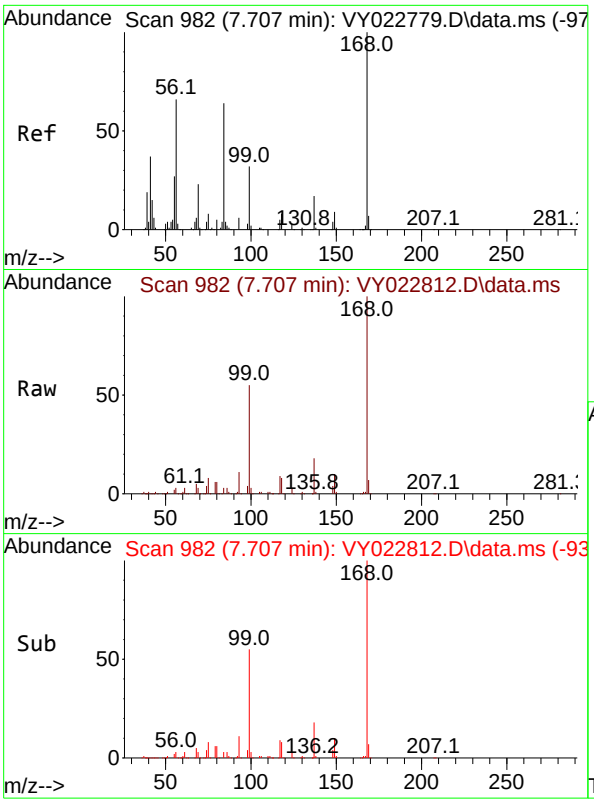
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
Data File : VY022812.D
Acq On : 25 Jun 2025 09:46
Operator : SY/MD
Sample : VY0625SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0625SBL01

Quant Time: Jun 26 01:21:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration



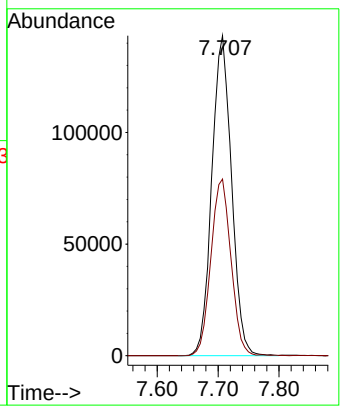


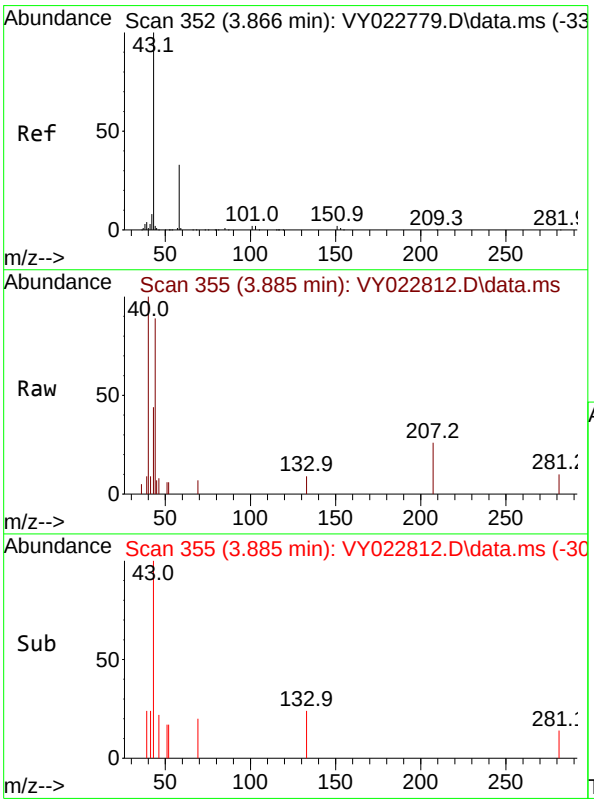

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022812.D
Acq: 25 Jun 2025 09:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0625SBL01

Tgt Ion:168 Resp: 322245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 55.2 | 44.3 | 66.5 |

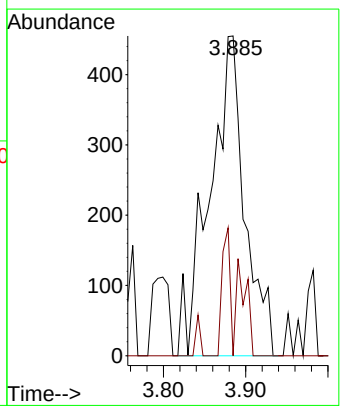


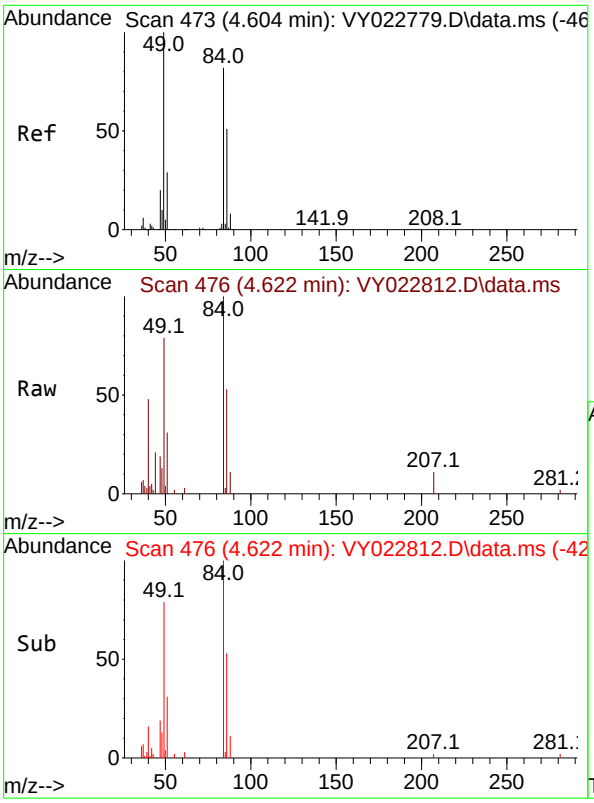




#16
Acetone
Concen: 1.993 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022812.D
Acq: 25 Jun 2025 09:46

Tgt Ion: 43 Resp: 1355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 0.0 | 24.0 | 36.0# |



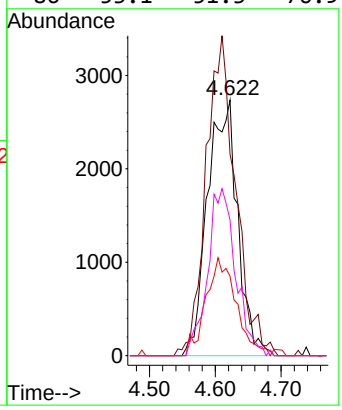


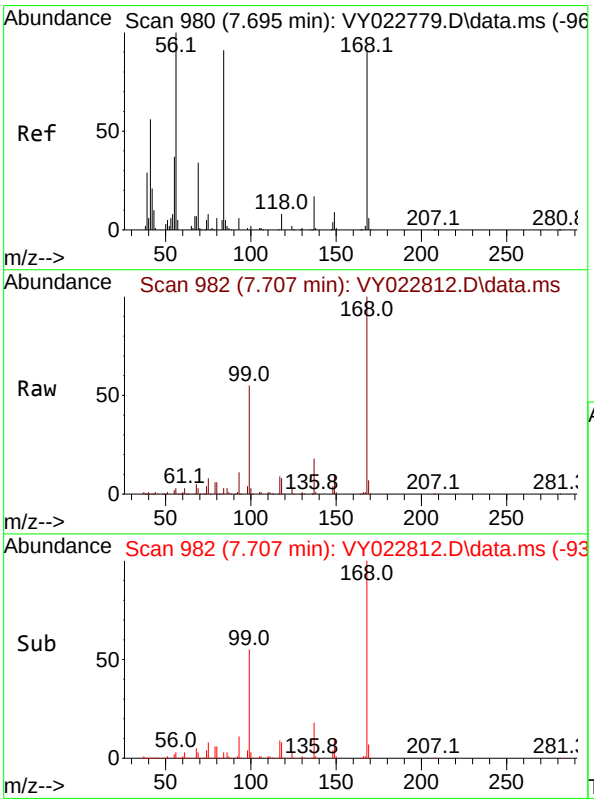

#20
Methylene Chloride
Concen: 2.030 ug/l
RT: 4.622 min Scan# 4
Delta R.T. -0.000 min
Lab File: VY022812.D
Acq: 25 Jun 2025 09:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0625SBL01

Tgt Ion: 84 Resp: 8713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 78.8 | 101.9 | 152.9# |
| 51 | 31.0 | 29.8 | 44.8 |
| 86 | 53.1 | 51.3 | 76.9 |

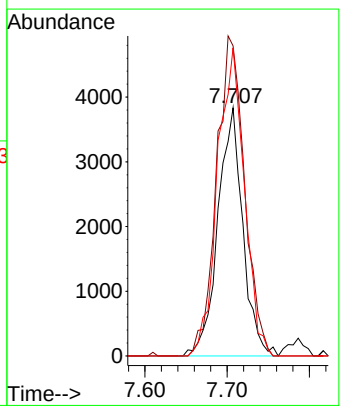


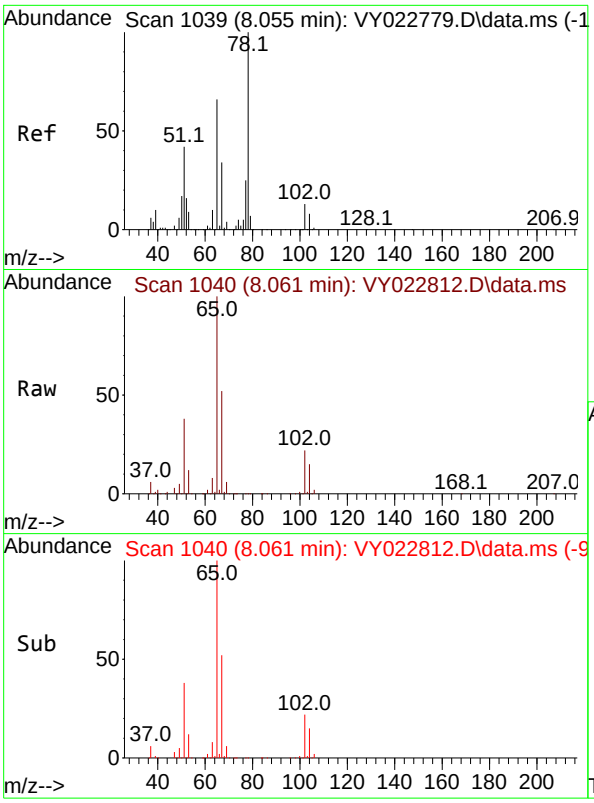




#31
Cyclohexane
Concen: 1.310 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY022812.D
Acq: 25 Jun 2025 09:46

Tgt Ion: 56 Resp: 8093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 125.0 | 27.0 | 40.6# |
| 84 | 124.2 | 72.6 | 109.0# |



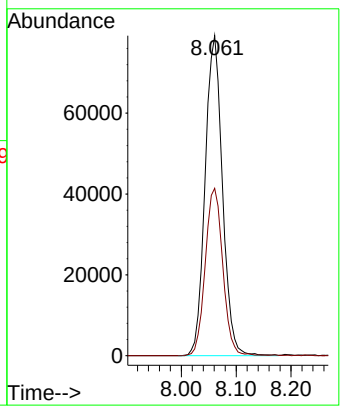


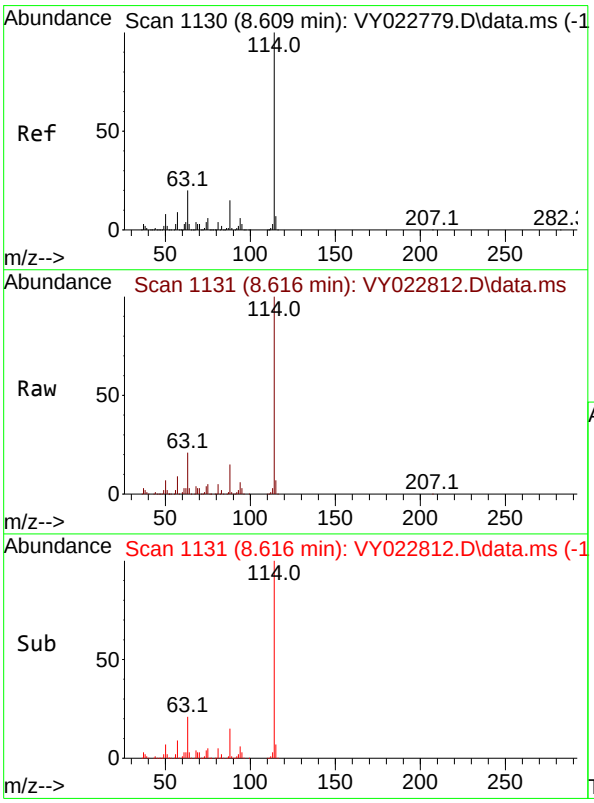

#33
1,2-Dichloroethane-d4
Concen: 48.232 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022812.D
Acq: 25 Jun 2025 09:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0625SBL01

Tgt Ion: 65 Resp: 173470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 52.9 | 0.0 | 103.4 |

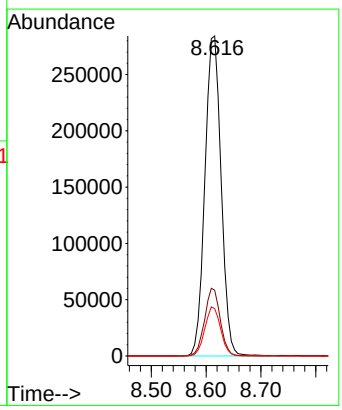


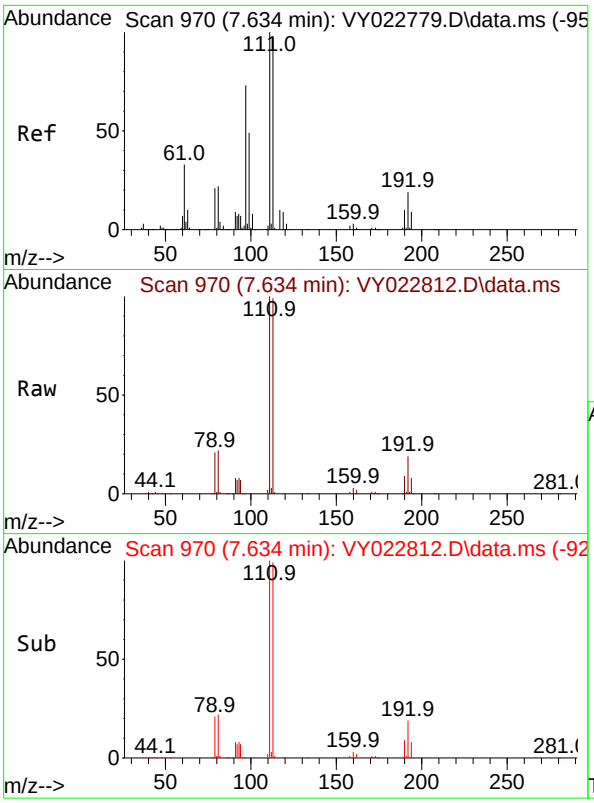




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022812.D
Acq: 25 Jun 2025 09:46

Tgt Ion:114 Resp: 582244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 20.5 | 0.0 | 40.8 |
| 88 | 14.8 | 0.0 | 27.8 |



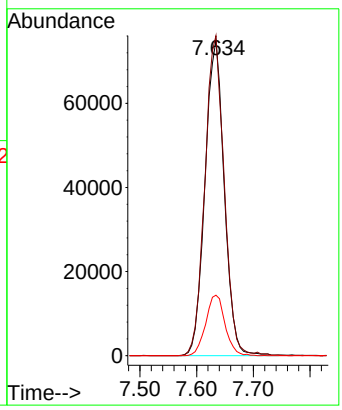


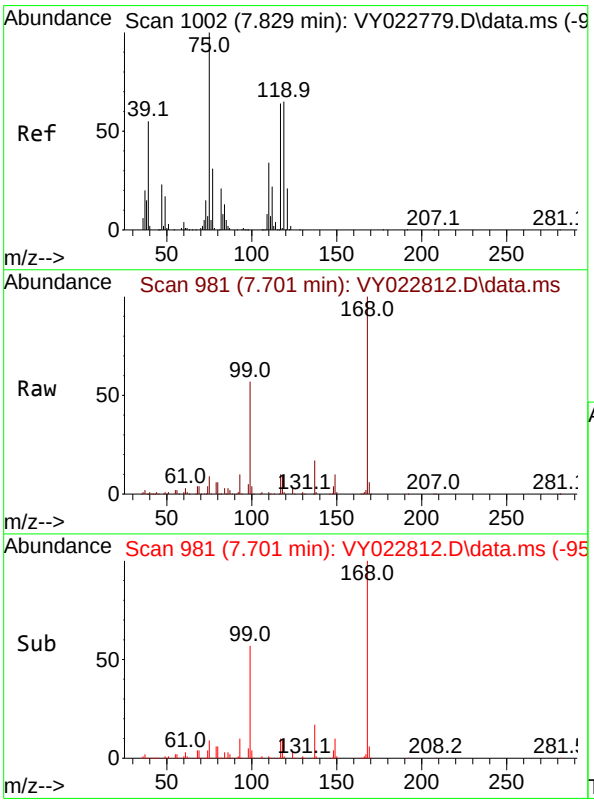

#35
Dibromofluoromethane
Concen: 49.795 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022812.D
Acq: 25 Jun 2025 09:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0625SBL01

Tgt Ion:113 Resp: 176319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 102.4 | 81.1 | 121.7 |
| 192 | 19.3 | 14.2 | 21.2 |

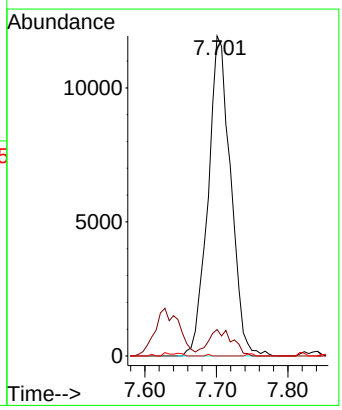


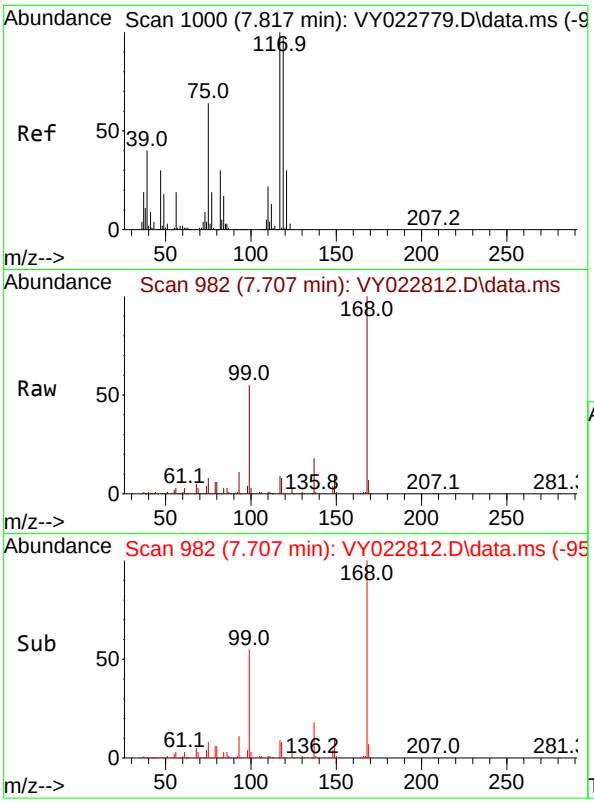




#36
1,1-Dichloropropene
Concen: 4.897 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.140 min
Lab File: VY022812.D
Acq: 25 Jun 2025 09:46

Tgt Ion: 75 Resp: 26283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 8.9 | 16.9 | 50.7# |
| 77 | 0.1 | 24.8 | 37.2# |



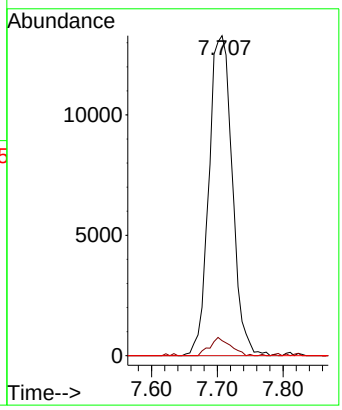


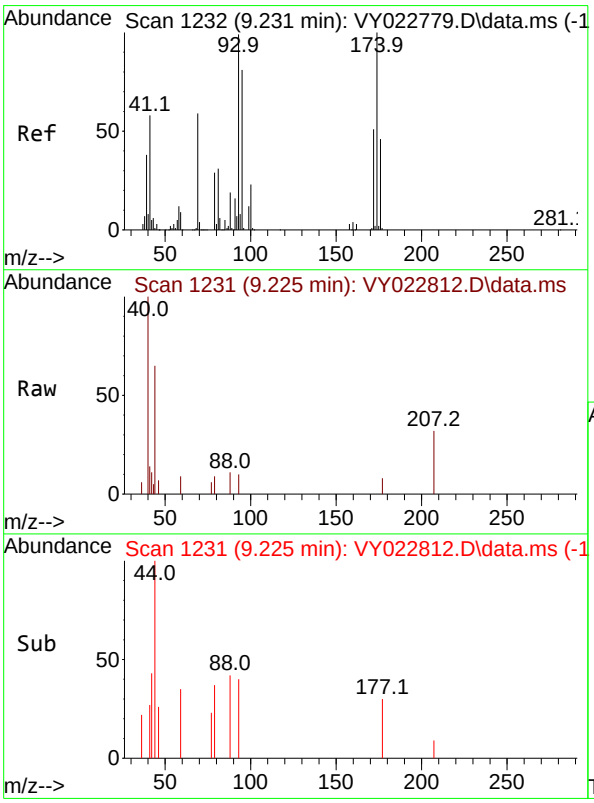

#38
Carbon Tetrachloride
Concen: 5.799 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.116 min
Lab File: VY022812.D
Acq: 25 Jun 2025 09:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0625SBL01

Tgt Ion:117 Resp: 32842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 4.7 | 75.0 | 112.6# |
| 121 | 0.0 | 25.0 | 37.4# |

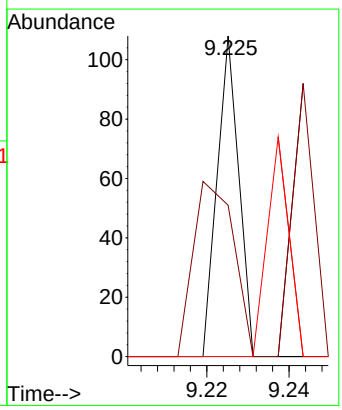


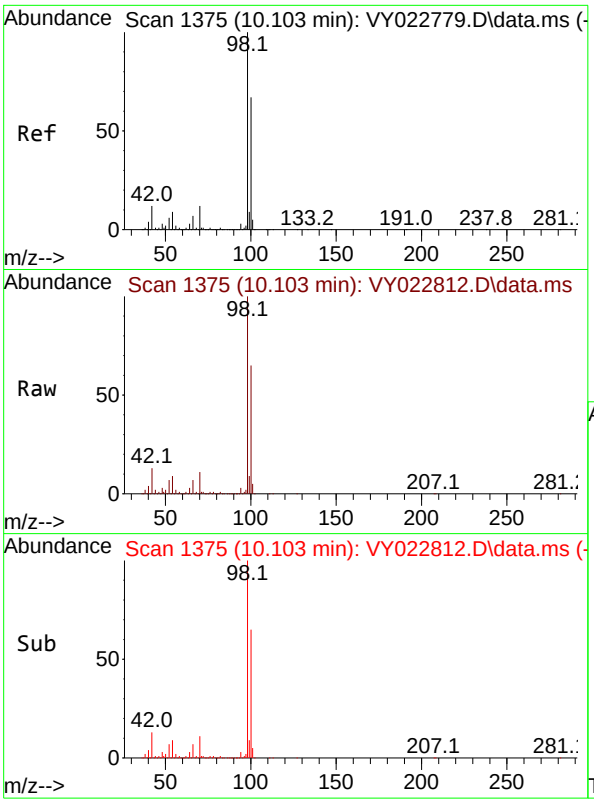




#49
1,4-Dioxane
Concen: 1.544 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.018 min
Lab File: VY022812.D
Acq: 25 Jun 2025 09:46

Tgt Ion: 88 Resp: 40

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 100.0 | 25.4 | 38.2# |
| 58 | 0.0 | 54.9 | 82.3# |



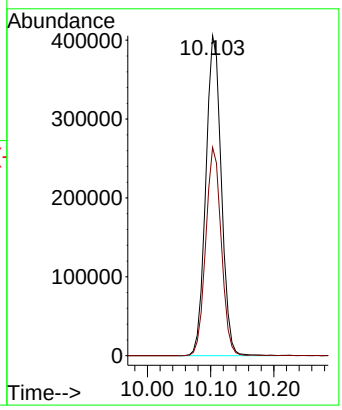


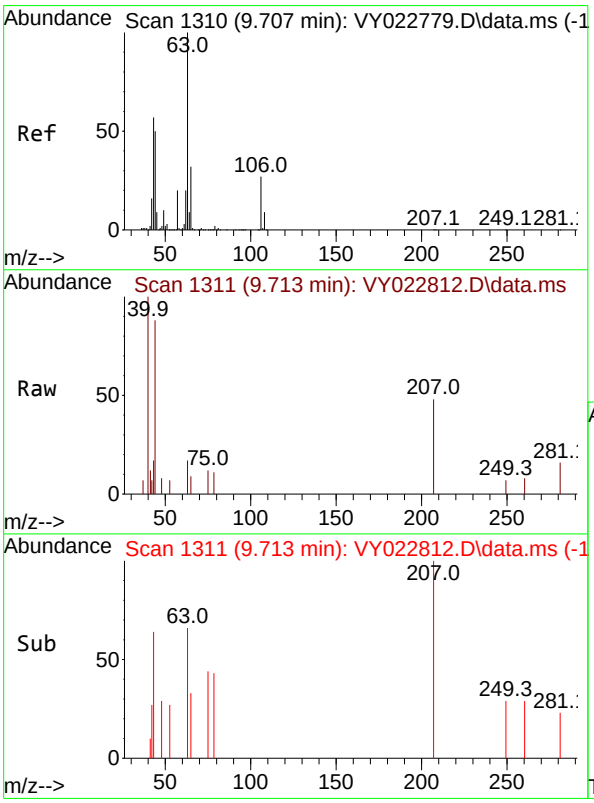

#50
Toluene-d8
Concen: 49.276 ug/l
RT: 10.103 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022812.D
Acq: 25 Jun 2025 09:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0625SBL01

Tgt Ion: 98 Resp: 692371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.2 | 51.4 | 77.0 |

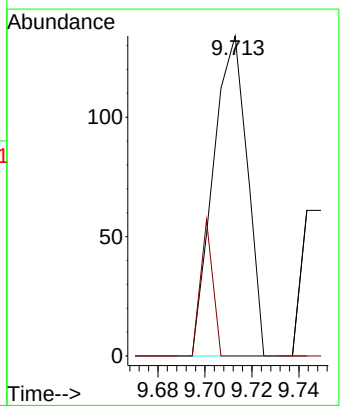


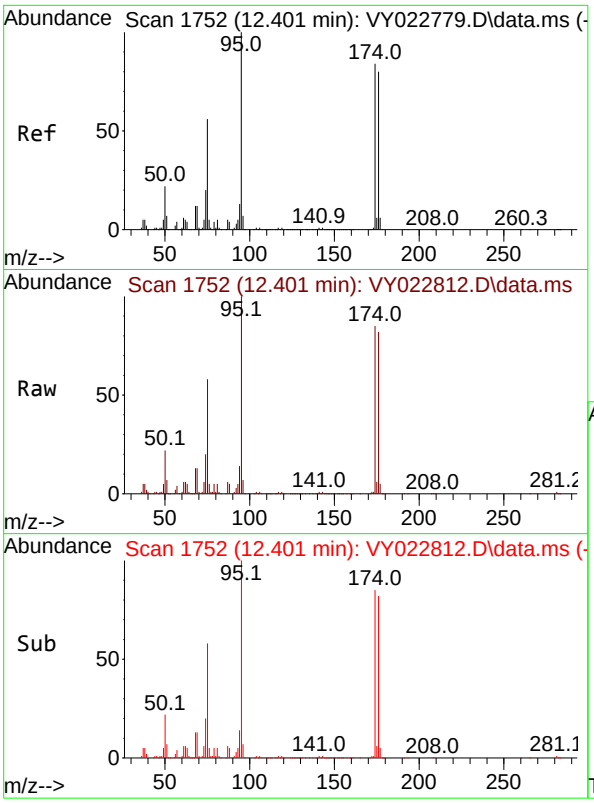




#58
2-Chloroethyl Vinyl ether
Concen: 15.718 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VY022812.D
Acq: 25 Jun 2025 09:46

Tgt Ion: 63 Resp: 135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 15.6 | 21.6 | 32.4# |



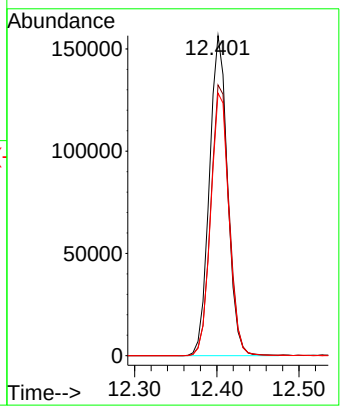


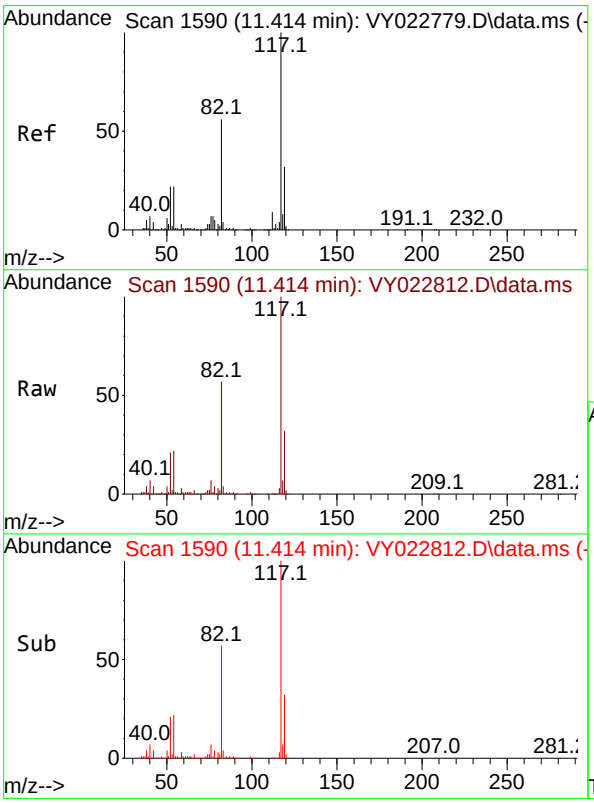

#62
4-Bromofluorobenzene
Concen: 53.277 ug/l
RT: 12.401 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022812.D
Acq: 25 Jun 2025 09:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0625SBL01

Tgt Ion: 95 Resp: 240647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 85.5 | 0.0 | 170.0 |
| 176 | 82.5 | 0.0 | 166.2 |

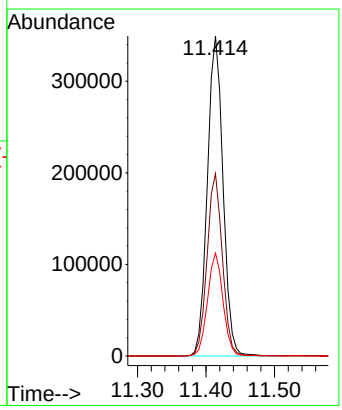


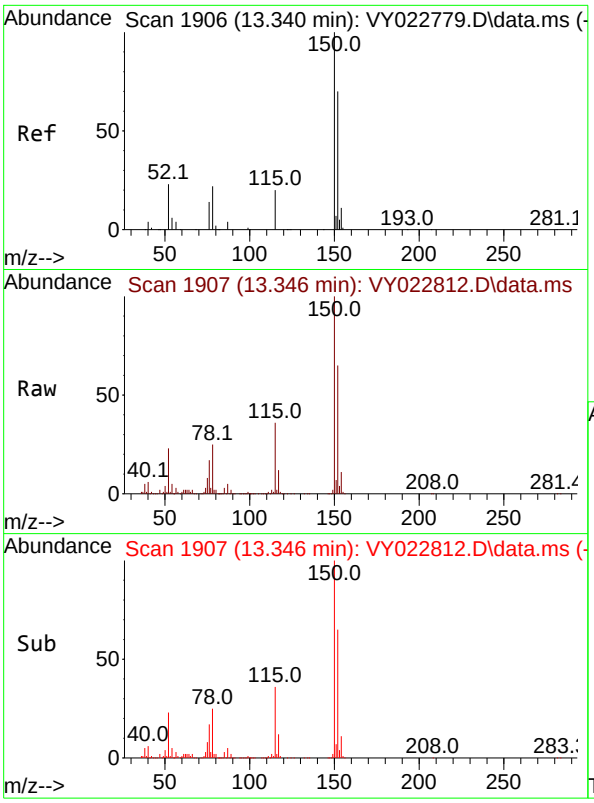




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022812.D
Acq: 25 Jun 2025 09:46

Tgt Ion:117 Resp: 555259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 57.0 | 44.6 | 66.8 |
| 119 | 32.2 | 25.4 | 38.0 |



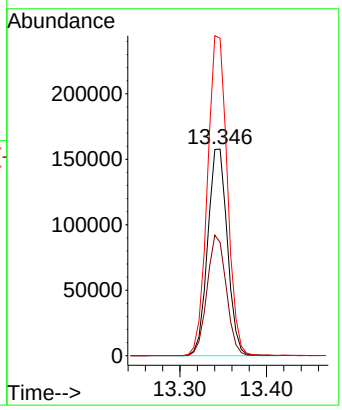


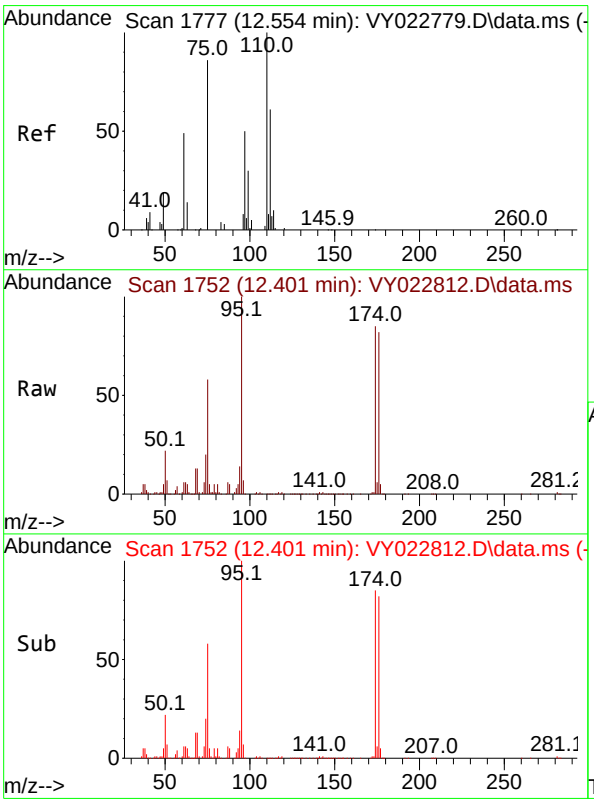

#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022812.D
Acq: 25 Jun 2025 09:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0625SBL01

Tgt Ion:152 Resp: 248657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 57.0 | 28.9 | 86.7 |
| 150 | 155.7 | 0.0 | 349.6 |

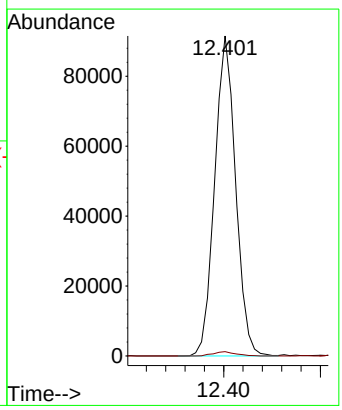


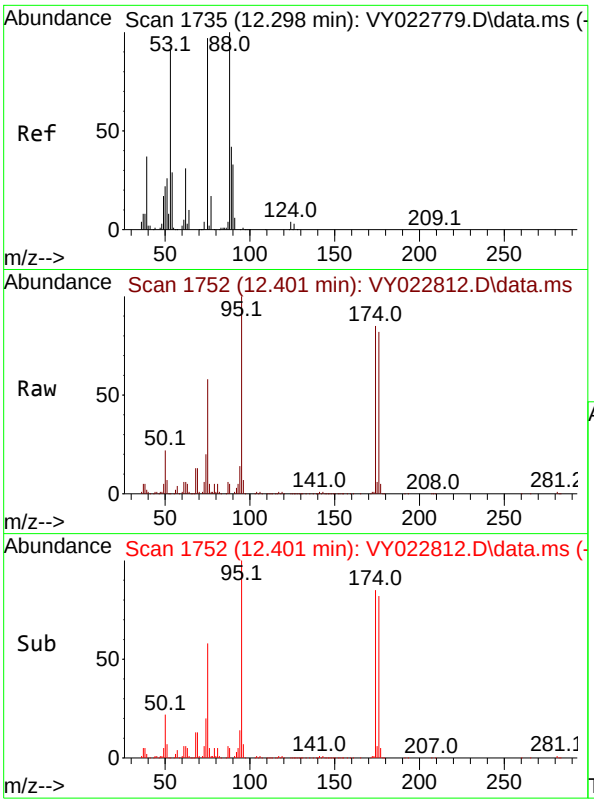




#76
1,2,3-Trichloropropane
Concen: 54.074 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.153 min
Lab File: VY022812.D
Acq: 25 Jun 2025 09:46

Tgt Ion: 75 Resp: 137271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 1.4 | 0.0 | 0.0# |






#81
trans-1,4-Dichloro-2-butene
Concen: 136.612 ug/l
RT: 12.401 min Scan# 1
Delta R.T. 0.097 min
Lab File: VY022812.D
Acq: 25 Jun 2025 09:46

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VY0625SBL01

Tgt Ion: 75 Resp: 137271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 0.1 | 78.5 | 117.7# |
| 89 | 0.0 | 35.7 | 53.5# |