Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101024\
Data File : VU061090.D
Acq On : 10 Oct 2024 15:34
Operator : MD/SY
Sample : P4380-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**

Quant Time: Oct 11 06:49:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 11 06:46:55 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.242 | 114 | 179778 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.412 | 117 | 166021 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.807 | 152 | 76915 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.595 | 65 | 41453 | 3.225 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 64.600% | | | |
| 7) Chloroethane-d5 | 1.907 | 69 | 35330 | 3.672 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 73.400% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.560 | 65 | 19239 | 3.393 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 67.800% | | | |
| 20) 2-Butanone-d5 | 4.621 | 46 | 125390 | 40.727 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 81.460% | | | |
| 24) Chloroform-d | 5.055 | 84 | 88558 | 3.909 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 78.200% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.695 | 65 | 48902 | 4.073 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 81.400% | | | |
| 32) Benzene-d6 | 5.721 | 84 | 171752 | 3.923 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 78.400% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.682 | 67 | 58228 | 4.050 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 81.000% | | | |
| 41) Toluene-d8 | 7.891 | 98 | 157968 | 3.861 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 77.200% | | | |
| 43) trans-1,3-Dichloroprop... | 8.177 | 79 | 22928 | 3.730 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 74.600% | | | |
| 46) 2-Hexanone-d5 | 8.627 | 63 | 105465 | 41.452 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 82.900% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84 | 43916 | 4.166 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 83.400% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.187 | 152 | 53086 | 4.316 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 86.400% | | | |
| Target Compounds | | | | | | Qvalue |
| 13) Acetone | 2.631 | 43 | 17617 | 8.897 | ug/L | 100 |
| 35) Methylcyclohexane | 6.682 | 83 | 12812 | 0.598 | ug/L # | 18 |
| 37) 1,2-Dichloropropane | 6.682 | 63 | 6596 | 0.511 | ug/L # | 93 |
| 40) 4-Methyl-2-pentanone | 7.785 | 43 | 32191 | 3.897 | ug/L | 94 |
| 42) Toluene | 7.965 | 91 | 12914 | 0.248 | ug/L | 92 |
| 53) m,p-Xylene | 9.692 | 106 | 2543 | 0.118 | ug/L | 91 |
| 61) 1,2,3-Trichloropropane | 11.804 | 75 | 10738 | 1.421 | ug/L # | 68 |
| 63) 1,2,4-Trimethylbenzene | 11.466 | 105 | 3077 | 0.067 | ug/L | 87 |
| 71) Naphthalene | 14.109 | 128 | 3233 | 0.166 | ug/L # | 83 |

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

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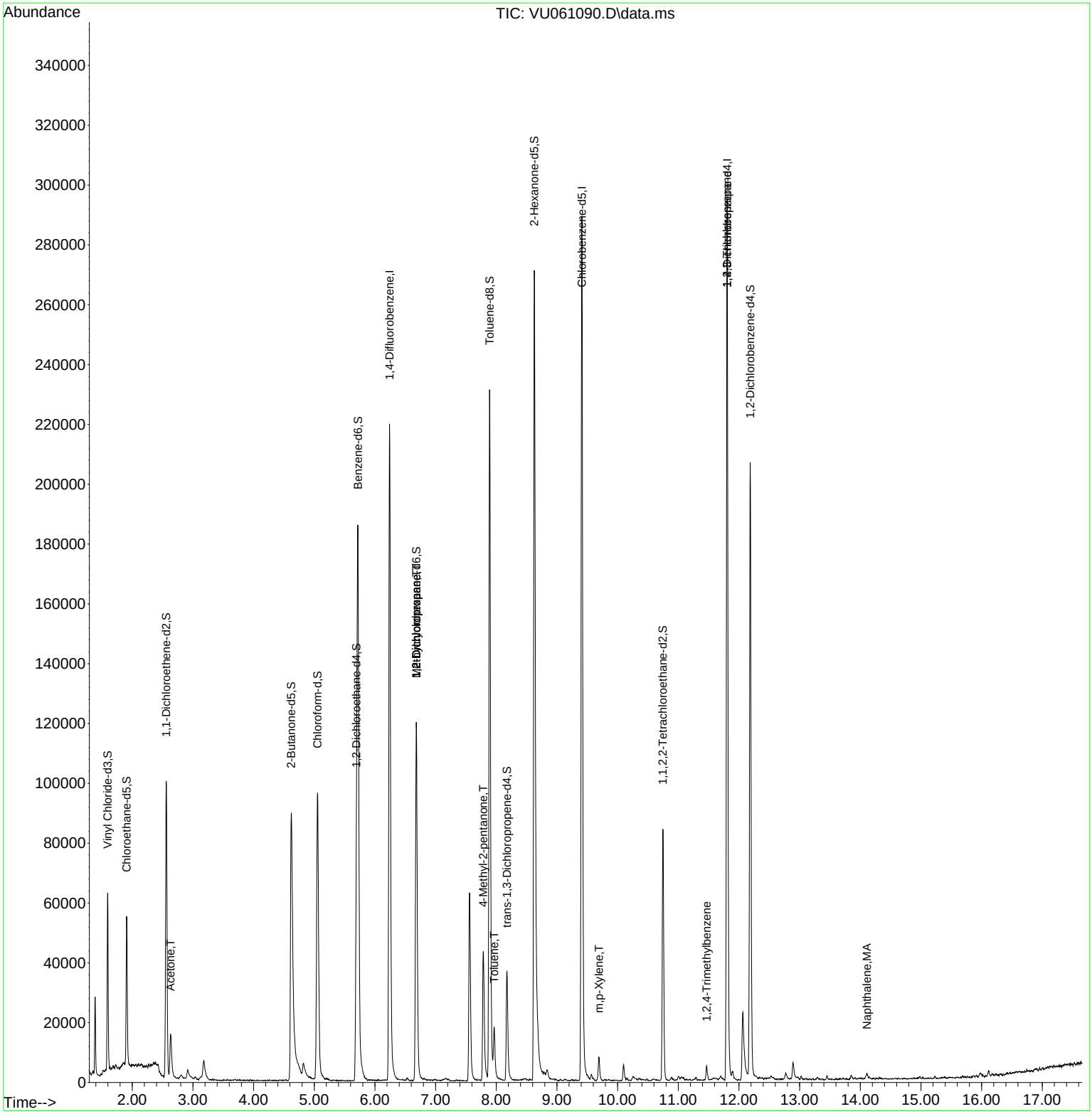
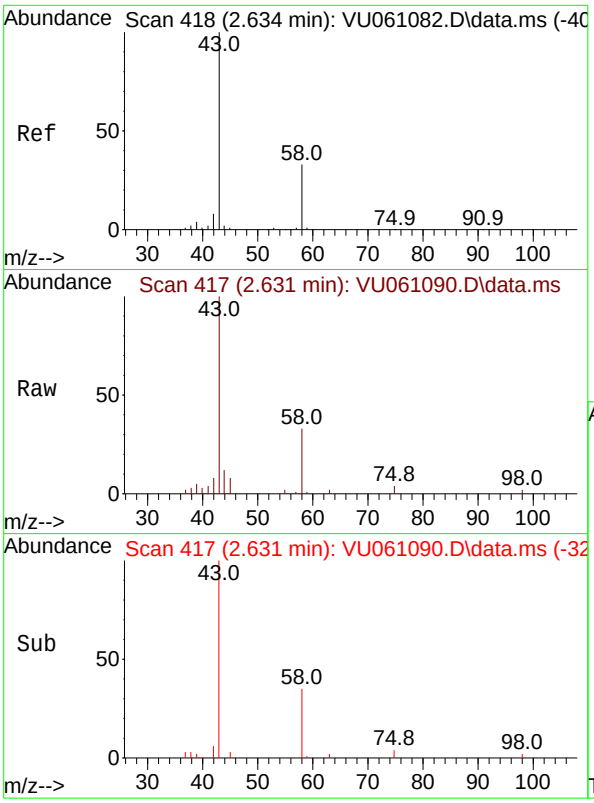
MSVOA_U
**ClientSampleId :**

Quant Time: Oct 11 06:49:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 11 06:46:55 2024
Response via : Initial Calibration



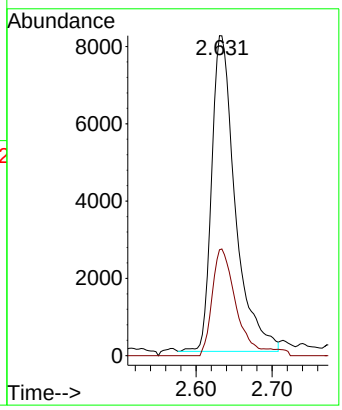


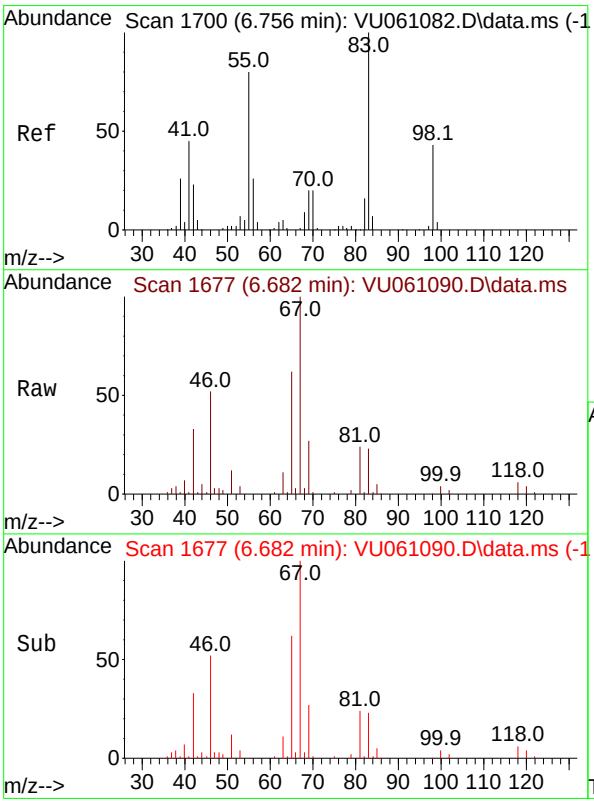

#13
Acetone
Concen: 8.897 ug/L
RT: 2.631 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU061090.D
Acq: 10 Oct 2024 15:34

**Instrument :**
MSVOA_U
**ClientSampleId :**

Tgt Ion: 43 Resp: 17617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 35.0 | 0.0 | 69.6 |

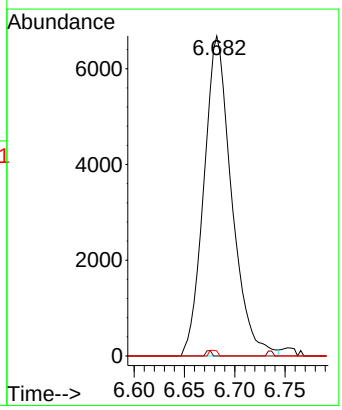


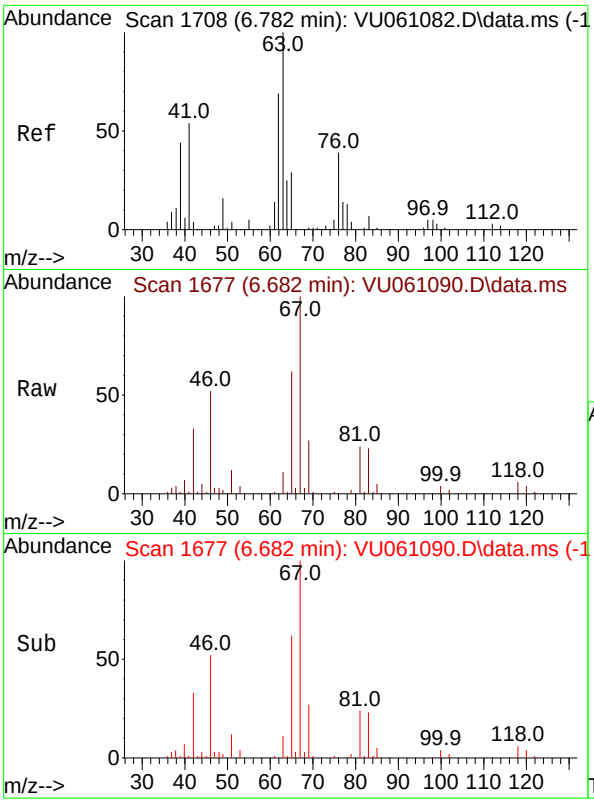




#35
Methylcyclohexane
Concen: 0.598 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU061090.D
Acq: 10 Oct 2024 15:34

Tgt Ion: 83 Resp: 12812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.3 | 62.6 | 94.0# |
| 98 | 0.5 | 37.6 | 56.4# |



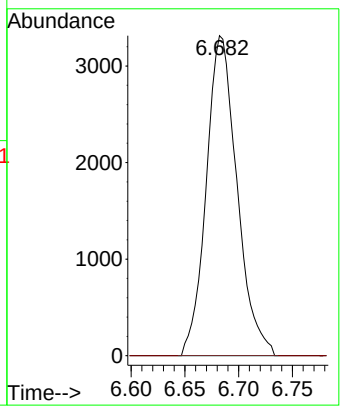


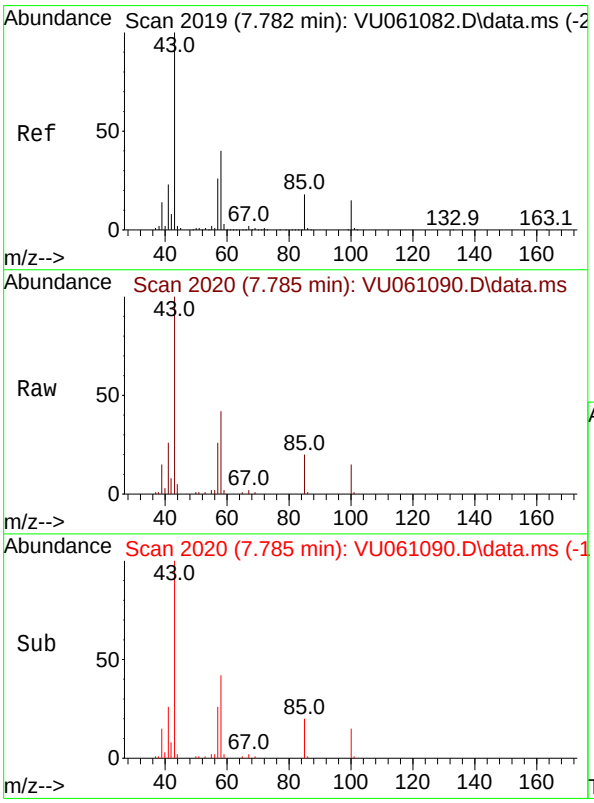

#37
1,2-Dichloropropane
Concen: 0.511 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU061090.D
Acq: 10 Oct 2024 15:34

**Instrument :**
MSVOA_U
**ClientSampleId :**

Tgt Ion: 63 Resp: 6596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 2.0 | 3.0# |

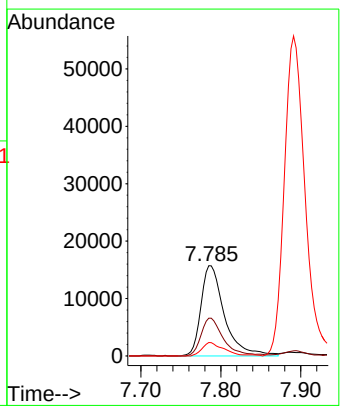


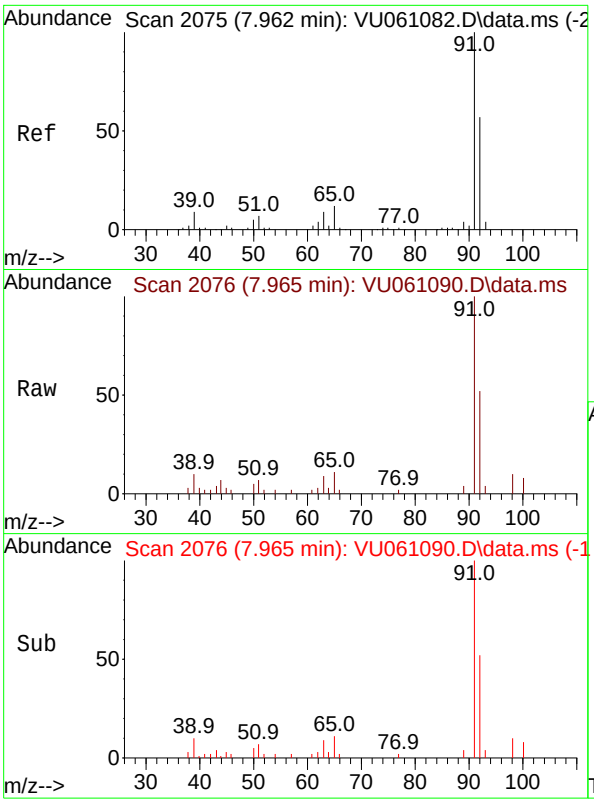




#40
4-Methyl-2-pentanone
Concen: 3.897 ug/L
RT: 7.785 min Scan# 2020
Delta R.T. 0.003 min
Lab File: VU061090.D
Acq: 10 Oct 2024 15:34

Tgt Ion: 43 Resp: 32191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 40.0 | 34.9 | 52.3 |
| 100 | 14.2 | 13.4 | 20.0 |



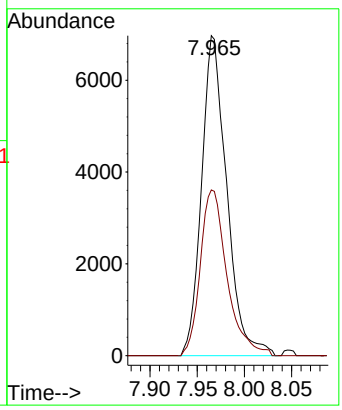


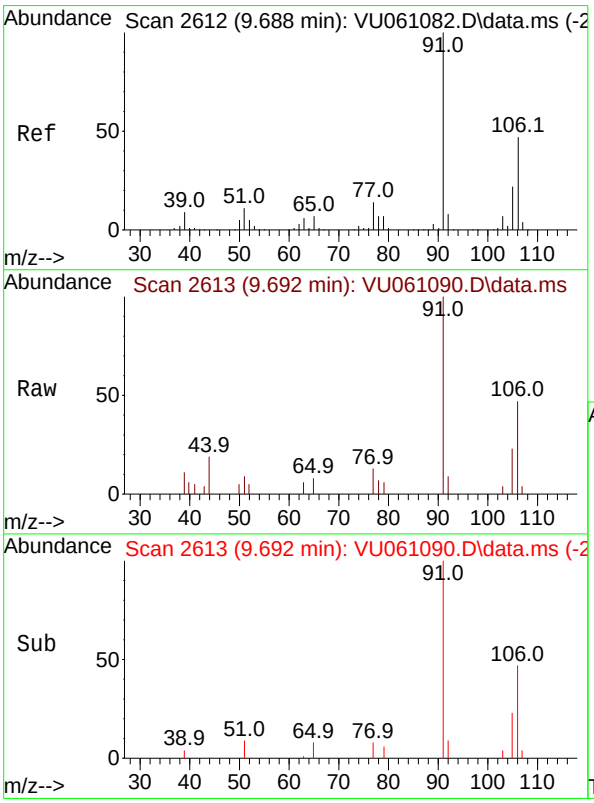

#42
Toluene
Concen: 0.248 ug/L
RT: 7.965 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU061090.D
Acq: 10 Oct 2024 15:34

**Instrument :**
MSVOA_U
**ClientSampleId :**

Tgt Ion: 91 Resp: 12914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 51.8 | 40.5 | 75.3 |

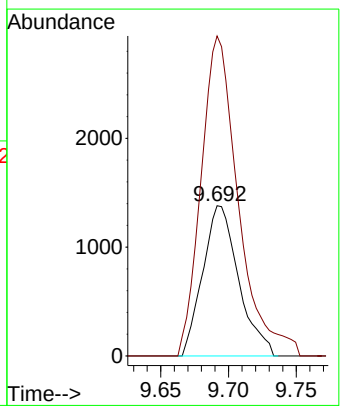


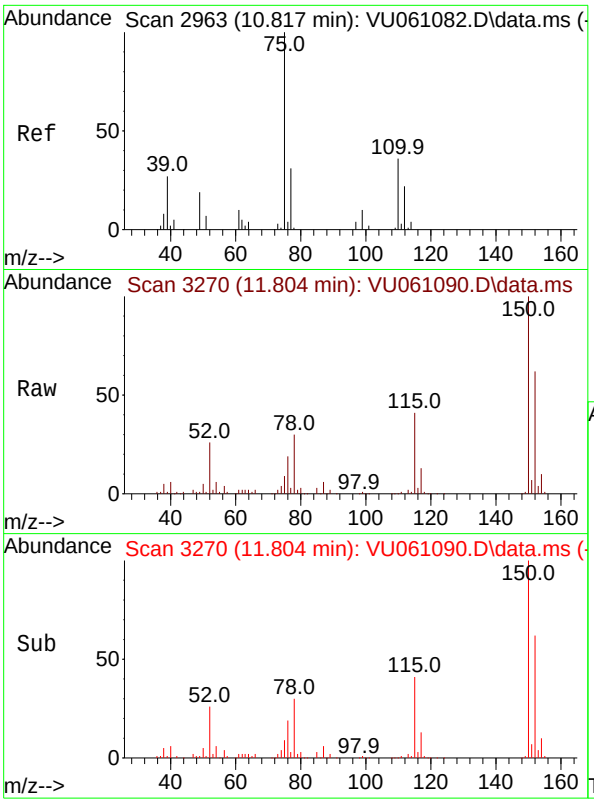




#53
m,p-Xylene
Concen: 0.118 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU061090.D
Acq: 10 Oct 2024 15:34

Tgt Ion:106 Resp: 2543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 213.0 | 139.7 | 259.4 |



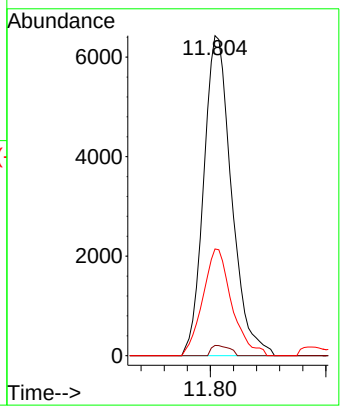


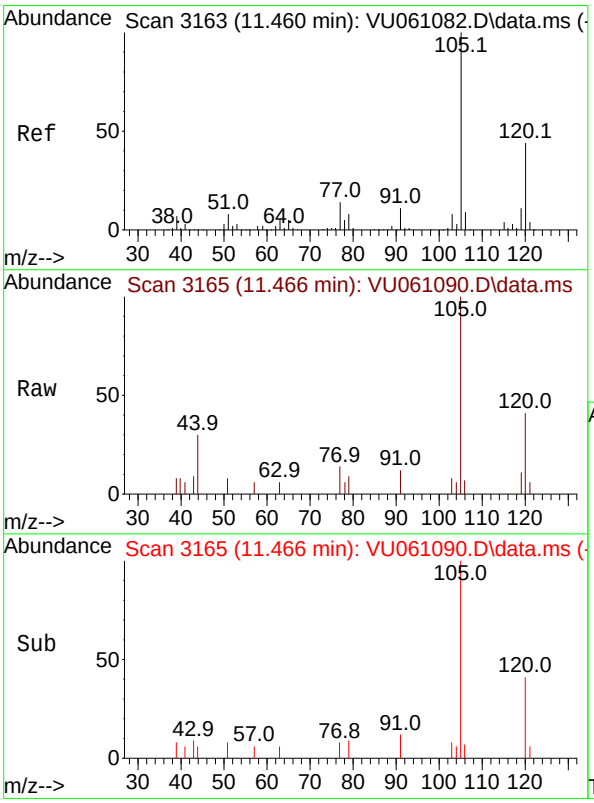

#61
1,2,3-Trichloropropane
Concen: 1.421 ug/L
RT: 11.804 min Scan# 3
Delta R.T. 0.987 min
Lab File: VU061090.D
Acq: 10 Oct 2024 15:34

**Instrument :**
MSVOA_U
**ClientSampleId :**

Tgt Ion: 75 Resp: 10738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 2.1 | 28.6 | 43.0# |
| 77 | 34.8 | 26.3 | 39.5 |

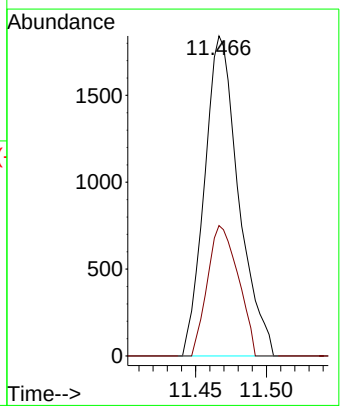


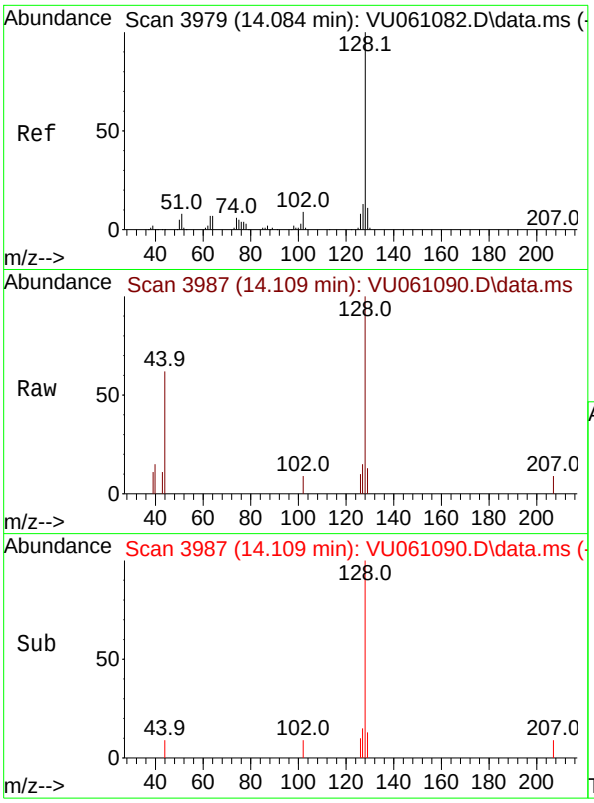




#63
1,2,4-Trimethylbenzene
Concen: 0.067 ug/L
RT: 11.466 min Scan# 3165
Delta R.T. 0.006 min
Lab File: VU061090.D
Acq: 10 Oct 2024 15:34

Tgt Ion:105 Resp: 3077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 36.8 | 36.1 | 54.1 |






#71
Naphthalene
Concen: 0.166 ug/L
RT: 14.109 min Scan# 3
Delta R.T. 0.026 min
Lab File: VU061090.D
Acq: 10 Oct 2024 15:34

**Instrument :**
MSVOA_U
**ClientSampleId :**

Tgt Ion:128 Resp: 3233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 6.1 | 8.3 | 12.5# |
| 127 | 5.1 | 10.7 | 16.1# |