Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
Data File : VU051530.D
Acq On : 27 Oct 2022 03:22
Operator : JC/MD
Sample : N5300-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHAF0

Quant Time: Oct 27 08:27:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 27 08:11:03 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.247 | 114 | 246591 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.417 | 117 | 258149 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.813 | 152 | 104394 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.598 | 65 | 90081 | 4.529 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 90.600% | | | |
| 7) Chloroethane-d5 | 1.909 | 69 | 86966 | 5.088 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 101.800% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.562 | 65 | 35714 | 4.542 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 90.800% | | | |
| 20) 2-Butanone-d5 | 4.620 | 46 | 262488 | 59.937 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 119.880% | | | |
| 24) Chloroform-d | 5.060 | 84 | 172999 | 4.665 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 93.400% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.700 | 65 | 95781 | 5.008 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 100.200% | | | |
| 32) Benzene-d6 | 5.726 | 84 | 352254 | 4.960 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 99.200% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.687 | 67 | 118488 | 4.913 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 98.200% | | | |
| 41) Toluene-d8 | 7.896 | 98 | 266525 | 4.195 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 83.800% | | | |
| 43) trans-1,3-Dichloroprop... | 8.179 | 79 | 32361 | 4.084 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 81.600% | | | |
| 46) 2-Hexanone-d5 | 8.633 | 63 | 179504 | 67.216 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 134.440%# | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.755 | 84 | 100374 | 5.210 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 104.200% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.192 | 152 | 93475 | 5.152 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 103.000% | | | |
| Target Compounds | | | | | | Qvalue |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.556 | 101 | 909 | 0.047 | ug/L # | 21 |
| 13) Acetone | 2.623 | 43 | 19458 | 5.924 | ug/L | 98 |
| 25) Chloroform | 5.089 | 83 | 85354 | 2.093 | ug/L | 99 |
| 33) Benzene | 5.774 | 78 | 6522 | 0.076 | ug/L | 100 |
| 35) Methylcyclohexane | 6.687 | 83 | 26095 | 0.962 | ug/L # | 17 |
| 37) 1,2-Dichloropropane | 6.691 | 63 | 11924 | 0.505 | ug/L # | 89 |
| 53) m,p-Xylene | 9.690 | 106 | 3160 | 0.099 | ug/L | 83 |
| 61) 1,2,3-Trichloropropane | 11.809 | 75 | 11763 | 0.892 | ug/L # | 71 |
| 71) Naphthalene | 14.095 | 128 | 4510 | 0.151 | ug/L | 94 |

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

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**Instrument :**
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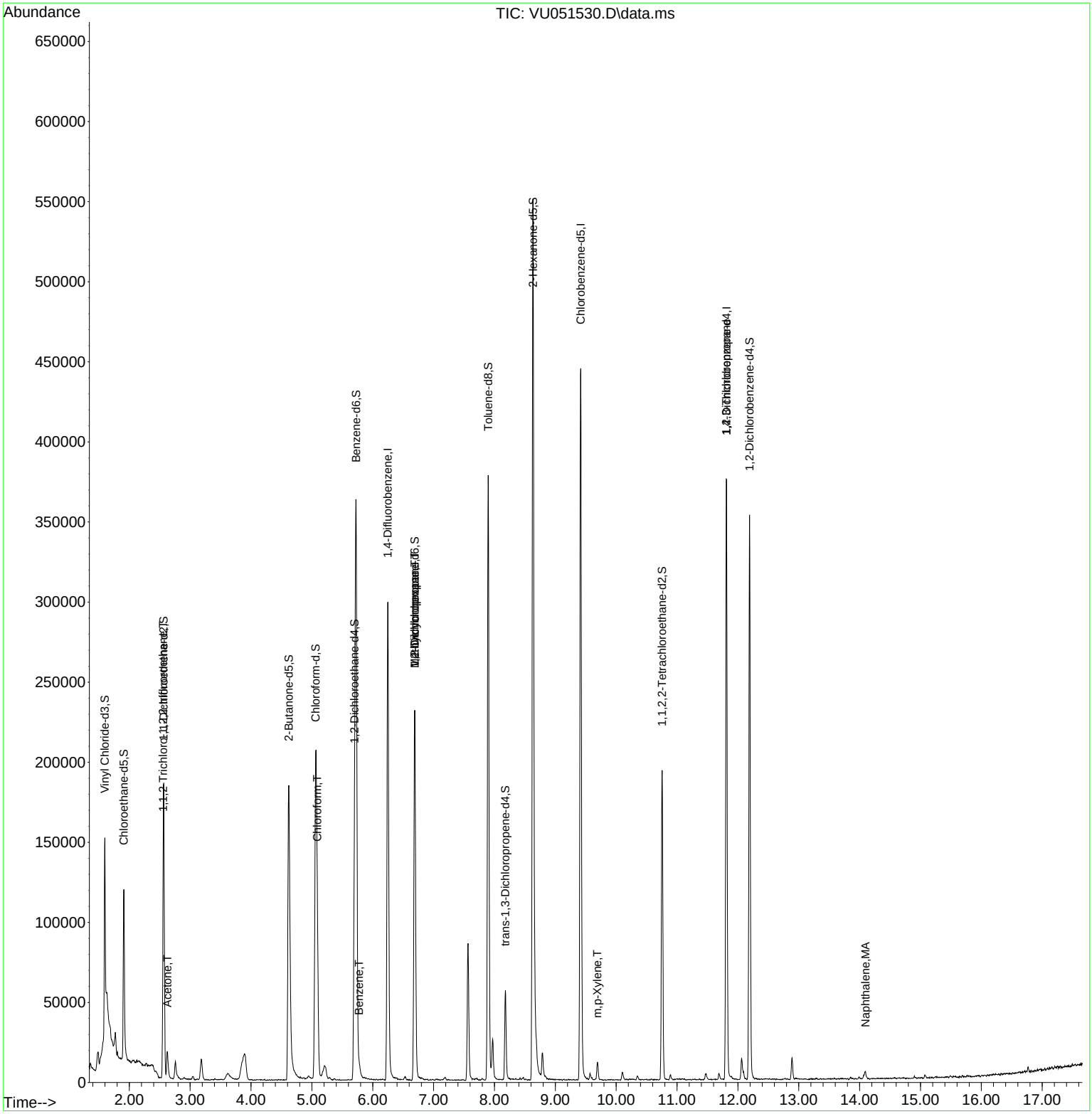
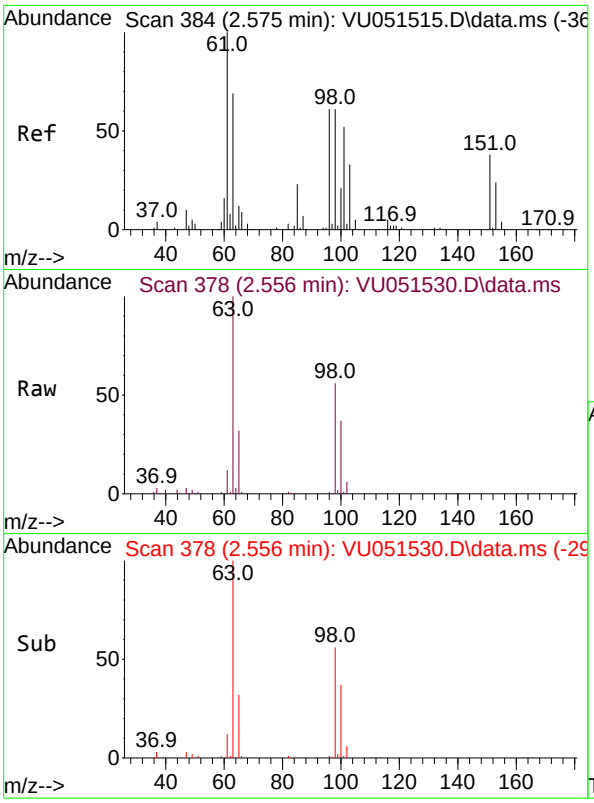
Quant Time: Oct 27 08:27:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 27 08:11:03 2022
Response via : Initial Calibration



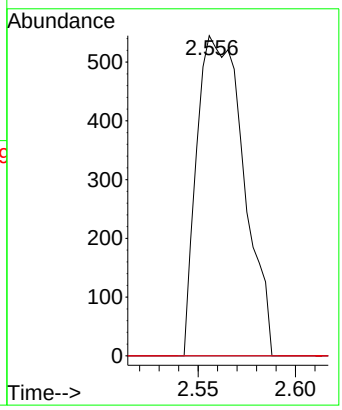


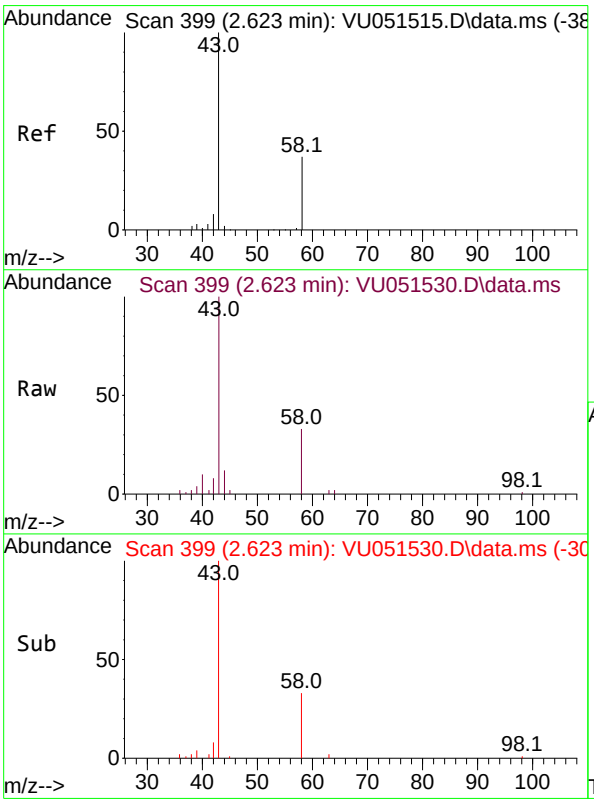

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.047 ug/L
RT: 2.556 min Scan# 3
Delta R.T. -0.019 min
Lab File: VU051530.D
Acq: 27 Oct 2022 03:22

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHAF0

Tgt Ion:101 Resp: 909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 0.0 | 34.6 | 51.8# |
| 151 | 0.0 | 56.5 | 84.7# |

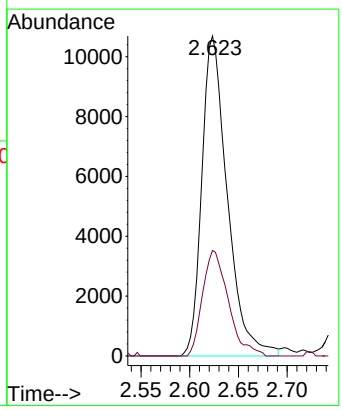


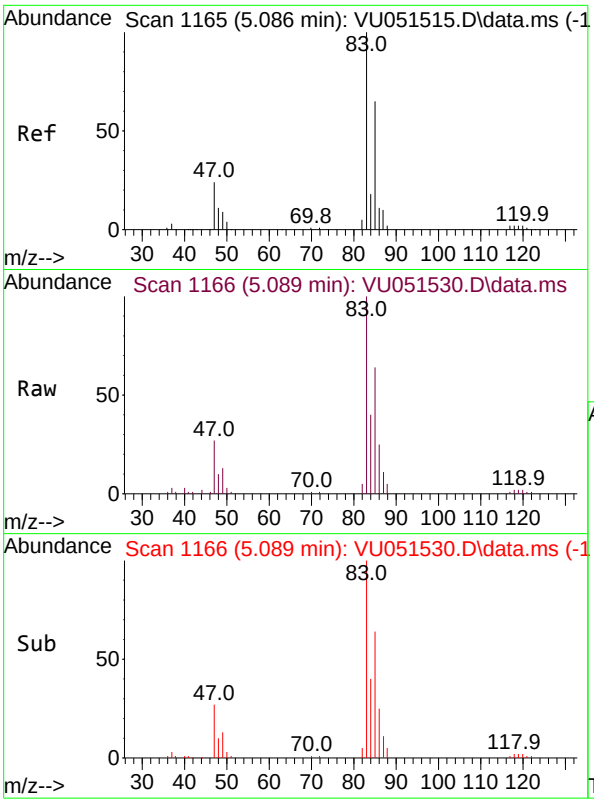




#13
Acetone
Concen: 5.924 ug/L
RT: 2.623 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU051530.D
Acq: 27 Oct 2022 03:22

Tgt Ion: 43 Resp: 19458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 33.2 | 0.0 | 68.8 |



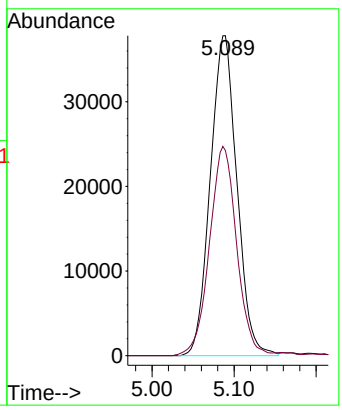


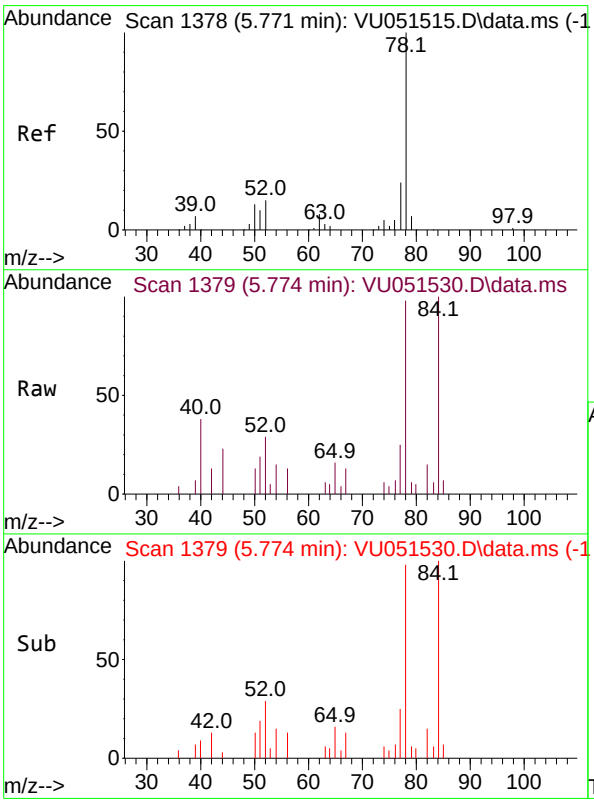

#25
Chloroform
Concen: 2.093 ug/L
RT: 5.089 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051530.D
Acq: 27 Oct 2022 03:22

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHAF0

Tgt Ion: 83 Resp: 85354

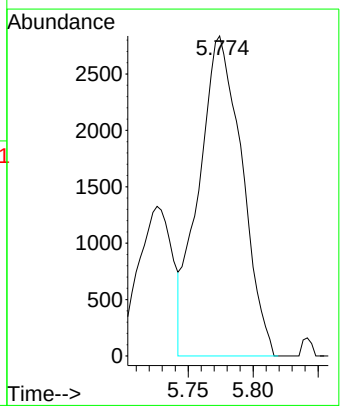
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.1 | 45.6 | 84.6 |

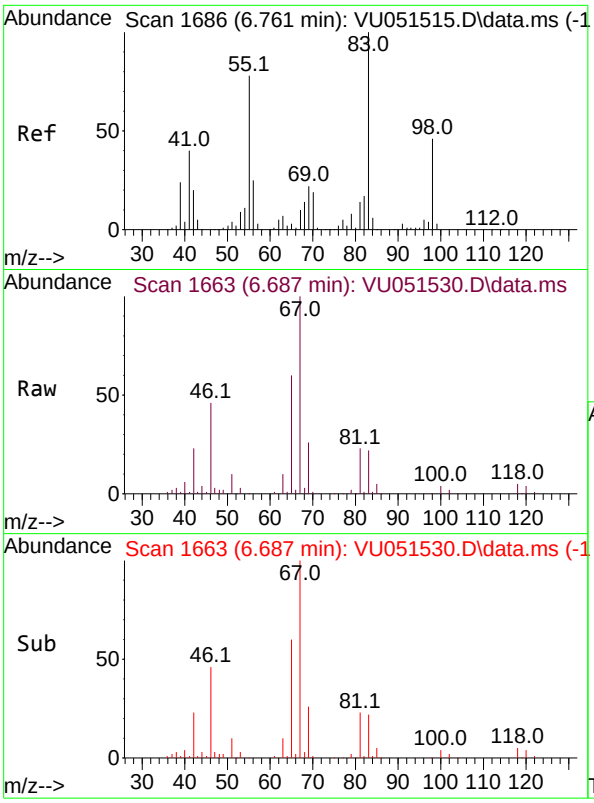



#33
Benzene
Concen: 0.076 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU051530.D
Acq: 27 Oct 2022 03:22

Tgt Ion: 78 Resp: 6522



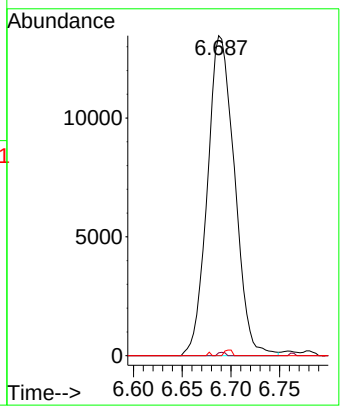


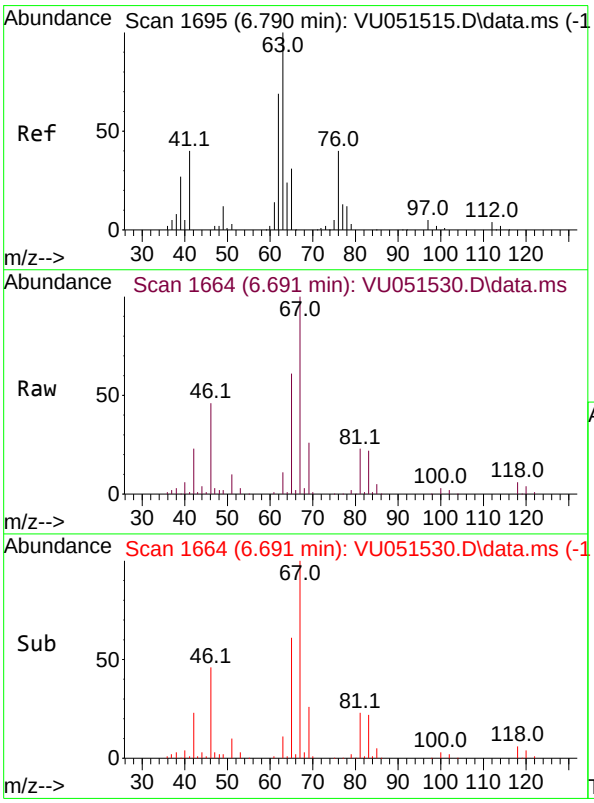

#35
Methylcyclohexane
Concen: 0.962 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU051530.D
Acq: 27 Oct 2022 03:22

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHAF0

Tgt Ion: 83 Resp: 26095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.3 | 65.8 | 98.6# |
| 98 | 0.5 | 35.9 | 53.9# |

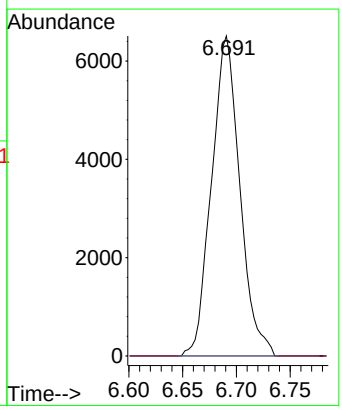


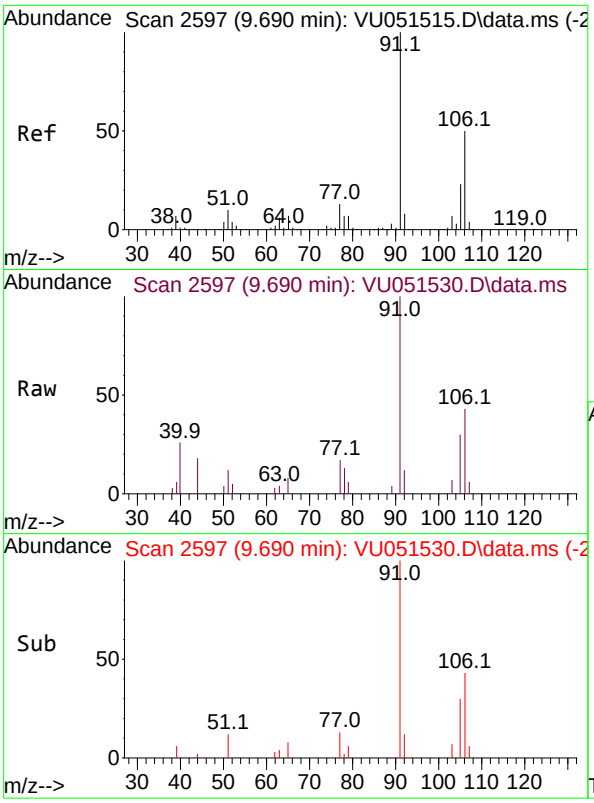




#37
1,2-Dichloropropane
Concen: 0.505 ug/L
RT: 6.691 min Scan# 1664
Delta R.T. -0.099 min
Lab File: VU051530.D
Acq: 27 Oct 2022 03:22

Tgt Ion: 63 Resp: 11924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.5 | 3.2 | 4.8# |



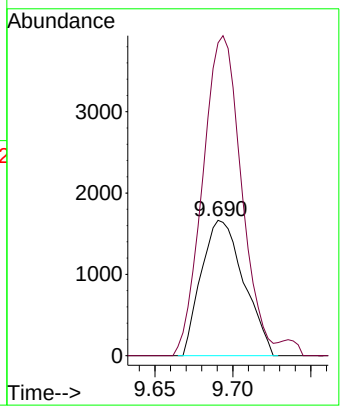


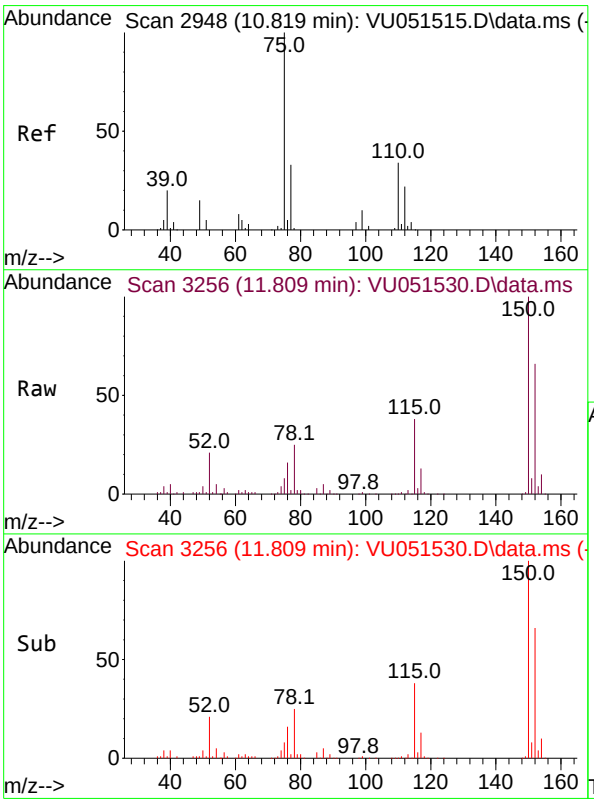

#53
m,p-Xylene
Concen: 0.099 ug/L
RT: 9.690 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU051530.D
Acq: 27 Oct 2022 03:22

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHAF0

Tgt Ion:106 Resp: 3160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 231.1 | 143.9 | 267.3 |

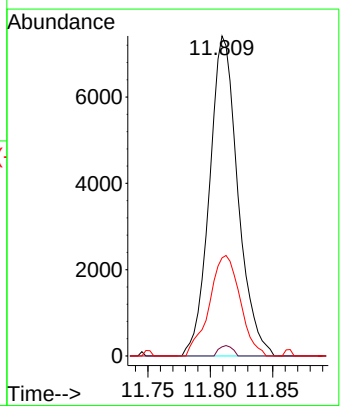


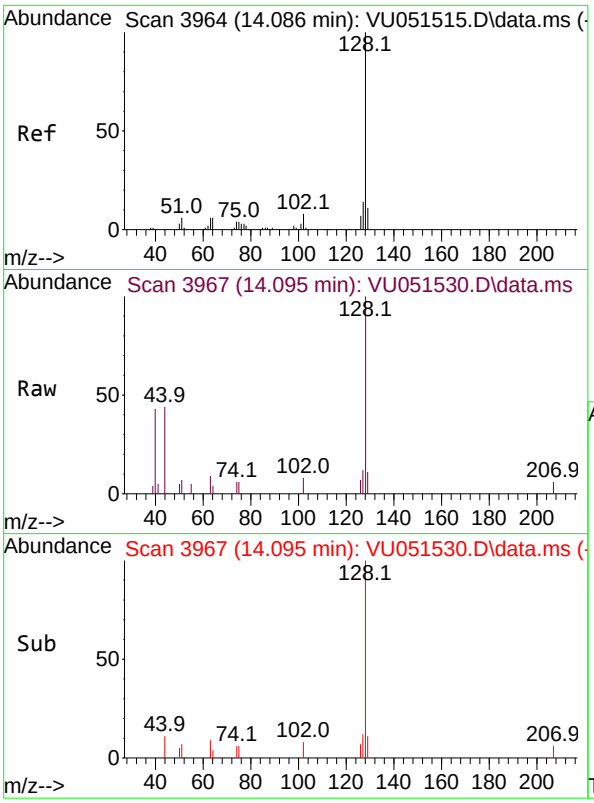




#61
1,2,3-Trichloropropane
Concen: 0.892 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.991 min
Lab File: VU051530.D
Acq: 27 Oct 2022 03:22

Tgt Ion: 75 Resp: 11763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 1.6 | 27.0 | 40.6# |
| 77 | 34.0 | 26.4 | 39.6 |






#71
Naphthalene
Concen: 0.151 ug/L
RT: 14.095 min Scan# 3
Delta R.T. 0.010 min
Lab File: VU051530.D
Acq: 27 Oct 2022 03:22

**Instrument :**
MSVOA_U
**ClientSampleId :**
BHAF0

Tgt Ion:128 Resp: 4510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 8.5 | 8.5 | 12.7 |
| 127 | 11.2 | 11.1 | 16.7 |