Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
Data File : VU046449.D
Acq On : 17 Dec 2021 02:41
Operator : SY/MD
Sample : M5121-03 20X
Misc : 6.51g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
ALS Vial : 42 Sample Multiplier: 1

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

Quant Time: Dec 17 04:07:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 17 03:50:47 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.253 | 114 | 132359 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.420 | 117 | 134444 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.812 | 152 | 66818 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.601 | 65 | 45533 | 41.762 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = | 83.520% | | |
| 7) Chloroethane-d5 | 1.919 | 69 | 33742 | 40.307 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = | 80.620% | | |
| 11) 1,1-Dichloroethene-d2 | 2.572 | 63 | 59737 | 30.520 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = | 61.040% | | |
| 21) 2-Butanone-d5 | 4.636 | 46 | 68919 | 79.515 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = | 79.520% | | |
| 24) Chloroform-d | 5.067 | 84 | 85603 | 47.015 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 94.040% | | |
| 26) 1,2-Dichloroethane-d4 | 5.707 | 65 | 58924 | 48.222 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 96.440% | | |
| 32) Benzene-d6 | 5.729 | 84 | 166187 | 43.127 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = | 86.260% | | |
| 36) 1,2-Dichloropropane-d6 | 6.694 | 67 | 52745 | 44.166 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = | 88.340% | | |
| 41) Toluene-d8 | 7.899 | 98 | 139827 | 39.854 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = | 79.700%# | | |
| 43) trans-1,3-Dichloroprop... | 8.179 | 79 | 23992 | 41.617 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = | 83.240% | | |
| 47) 2-Hexanone-d5 | 8.636 | 63 | 51642 | 91.203 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = | 91.200% | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84 | 78465 | 43.324 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = | 86.640% | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.195 | 152 | 55903 | 43.444 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = | 86.880% | | |
| Target Compounds | | | | | | Qvalue |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.568 | 101 | 385 | 0.400 | ug/L # | 21 |
| 12) 1,1-Dichloroethene | 2.575 | 96 | 458 | 0.500 | ug/L # | 1 |
| 27) 1,2-Dichloroethane | 5.732 | 62 | 881 | 0.607 | ug/L # | 73 |
| 35) Methylcyclohexane | 6.694 | 83 | 13169 | 7.923 | ug/L # | 20 |
| 37) 1,2-Dichloropropane | 6.694 | 63 | 6054 | 5.680 | ug/L # | 86 |
| 39) cis-1,3-Dichloropropene | 7.565 | 75 | 1547 | 0.954 | ug/L | 86 |
| 60) 1,2,3-Trichloropropane | 11.812 | 75 | 8224 | 5.615 | ug/L # | 65 |

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

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**Instrument :**
MSVOA_U
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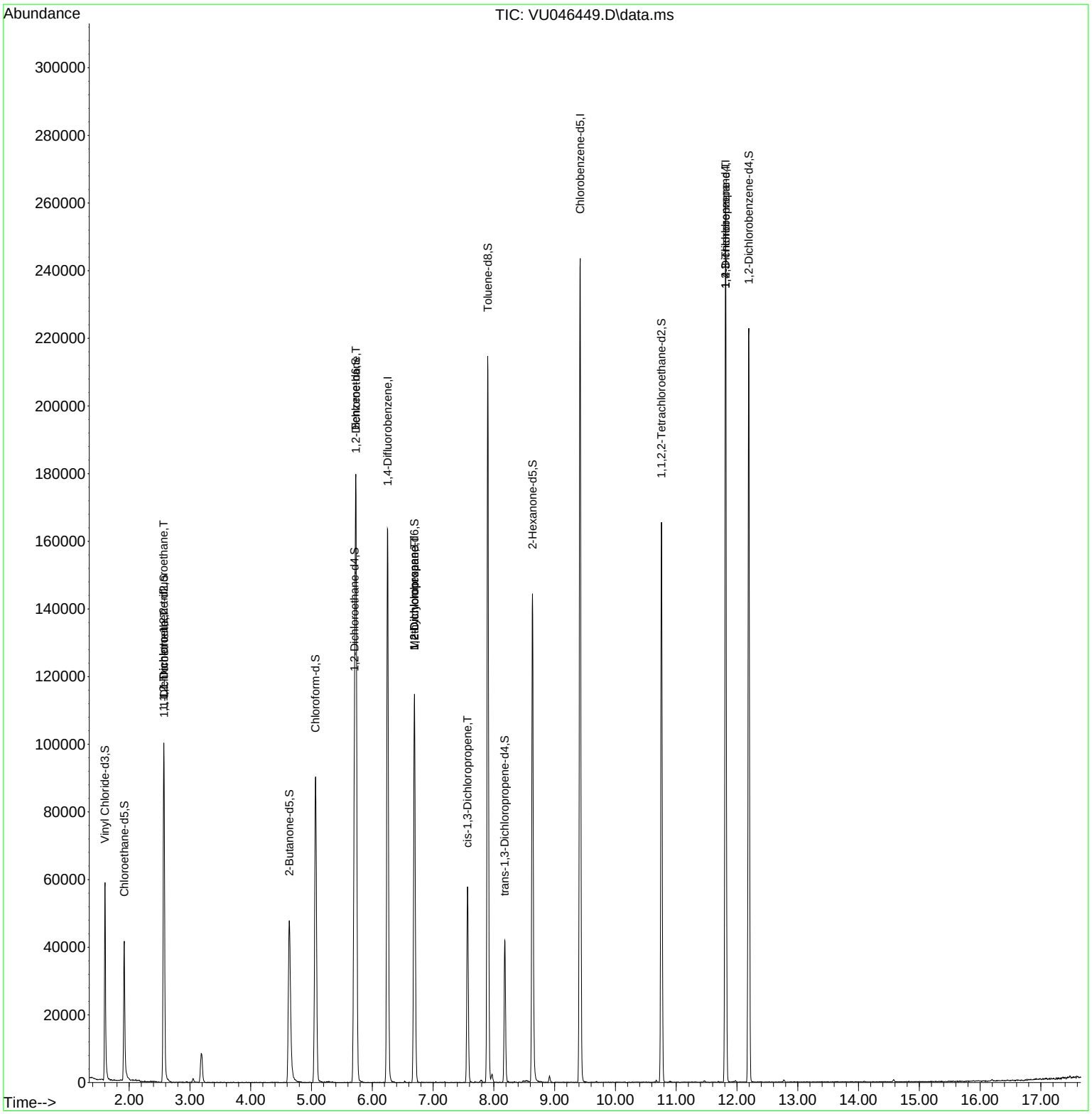
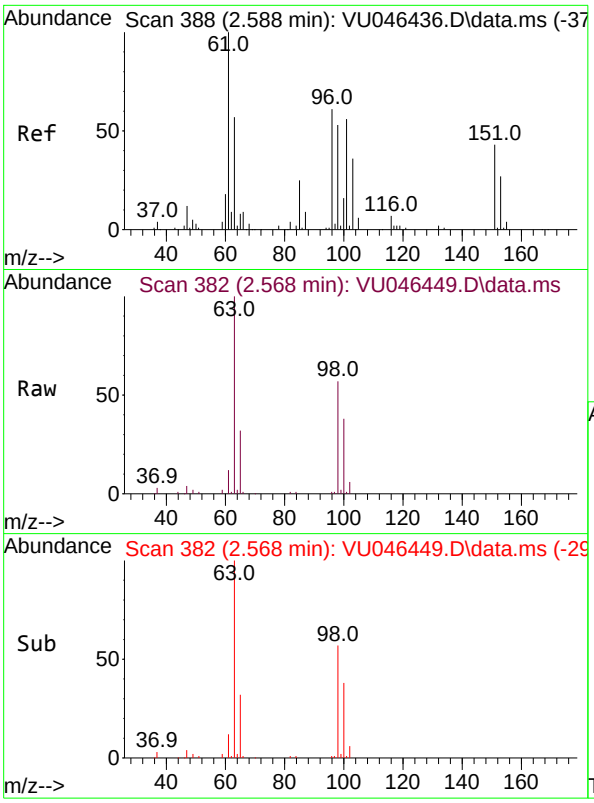
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 17 03:50:47 2021
Response via : Initial Calibration



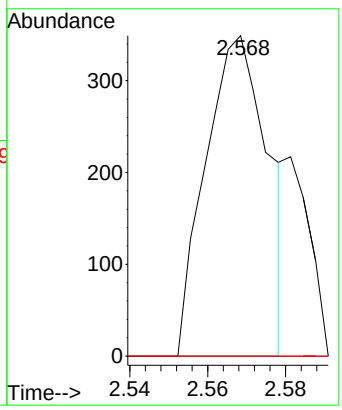


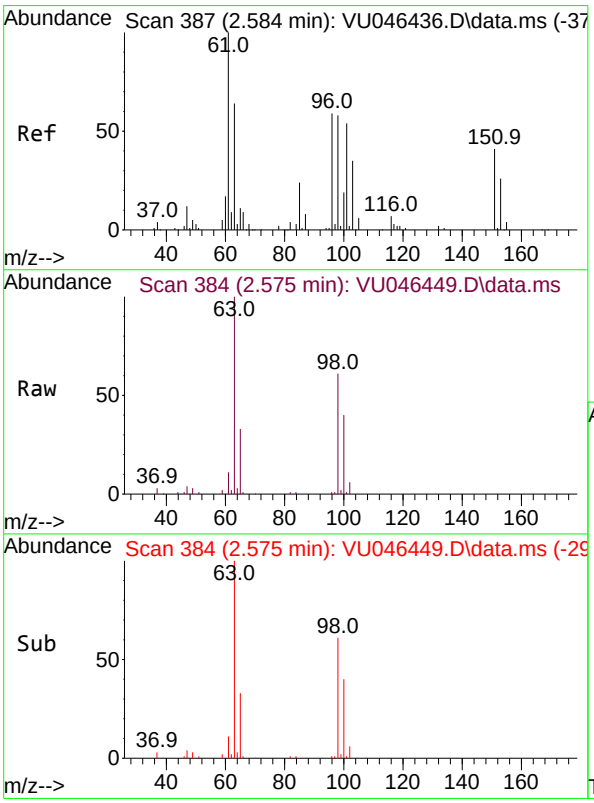

#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.400 ug/L
RT: 2.568 min Scan# 3
Delta R.T. -0.019 min
Lab File: VU046449.D
Acq: 17 Dec 2021 02:41

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

Tgt Ion:101 Resp: 385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 0.0 | 35.1 | 52.7# |
| 151 | 0.0 | 56.7 | 85.1# |

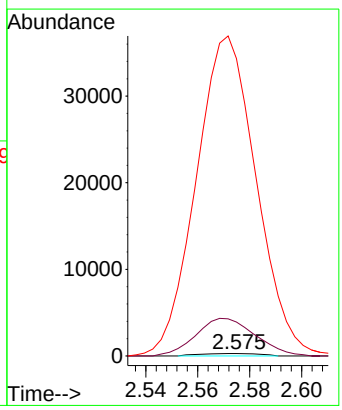


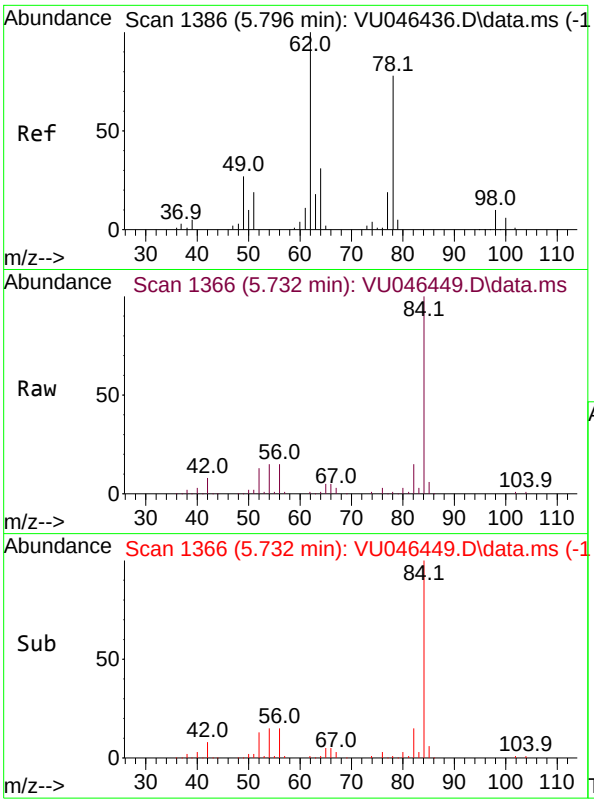




#12
1,1-Dichloroethene
Concen: 0.500 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.009 min
Lab File: VU046449.D
Acq: 17 Dec 2021 02:41

Tgt Ion: 96 Resp: 458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1445.8 | 118.6 | 220.2# |
| 63 | 12670.1 | 93.0 | 172.8# |



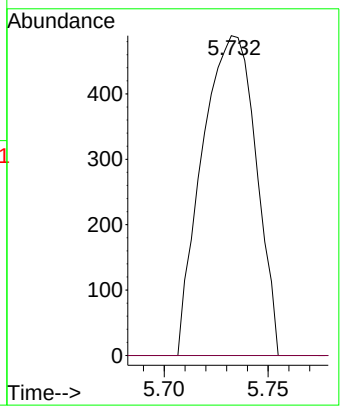


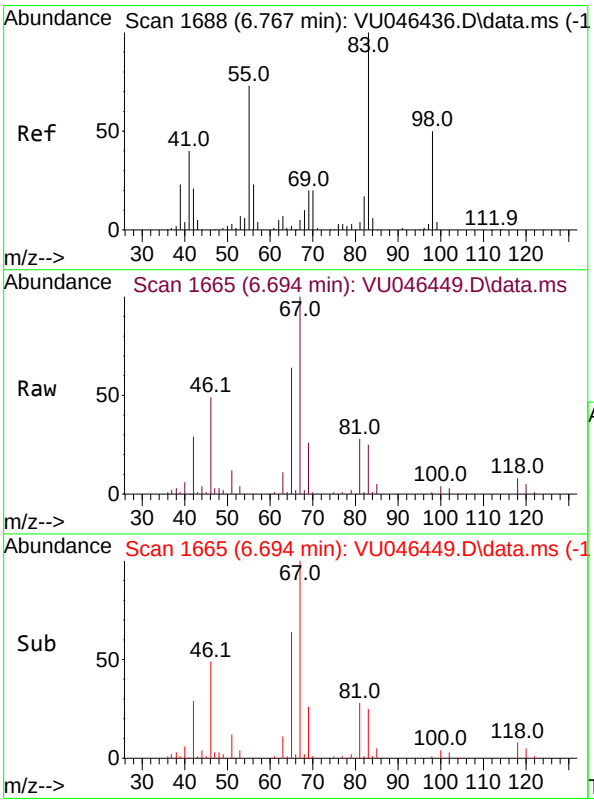

#27
1,2-Dichloroethane
Concen: 0.607 ug/L
RT: 5.732 min Scan# 1
Delta R.T. -0.064 min
Lab File: VU046449.D
Acq: 17 Dec 2021 02:41

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

Tgt Ion: 62 Resp: 881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 0.0 | 7.9 | 11.9# |

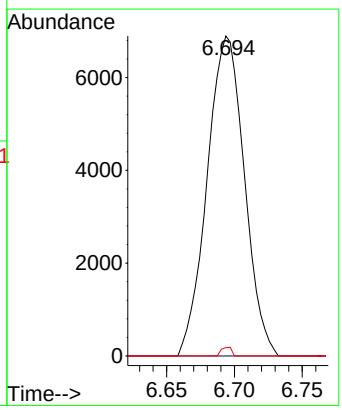


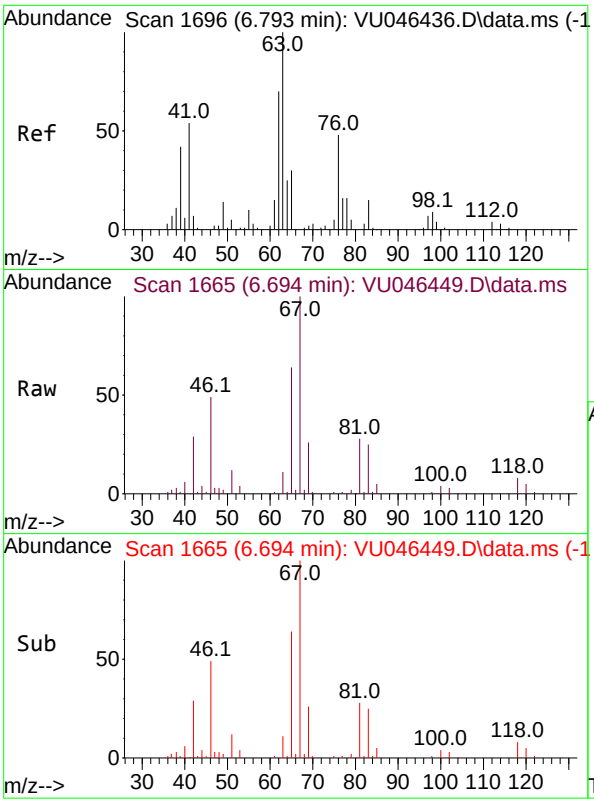




#35
Methylcyclohexane
Concen: 7.923 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046449.D
Acq: 17 Dec 2021 02:41

Tgt Ion: 83 Resp: 13169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 57.8 | 86.6# |
| 98 | 0.8 | 38.4 | 57.6# |



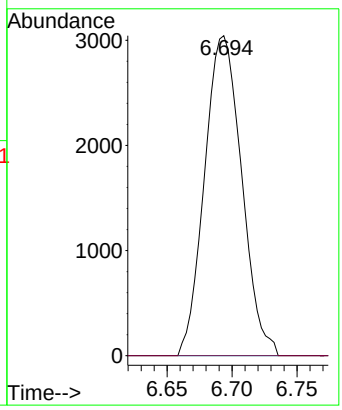


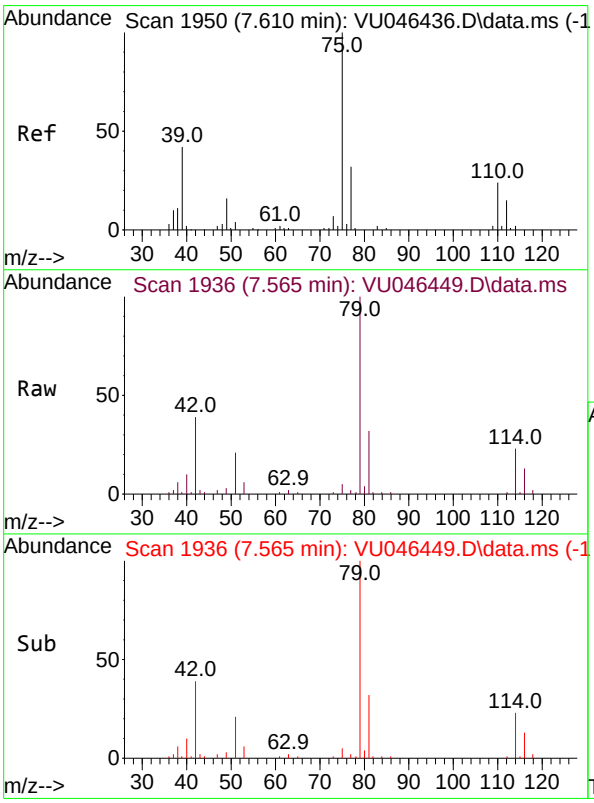

#37
1,2-Dichloropropane
Concen: 5.680 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU046449.D
Acq: 17 Dec 2021 02:41

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

Tgt Ion: 63 Resp: 6054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.8 | 5.6# |

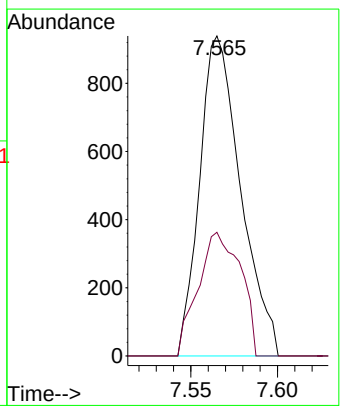


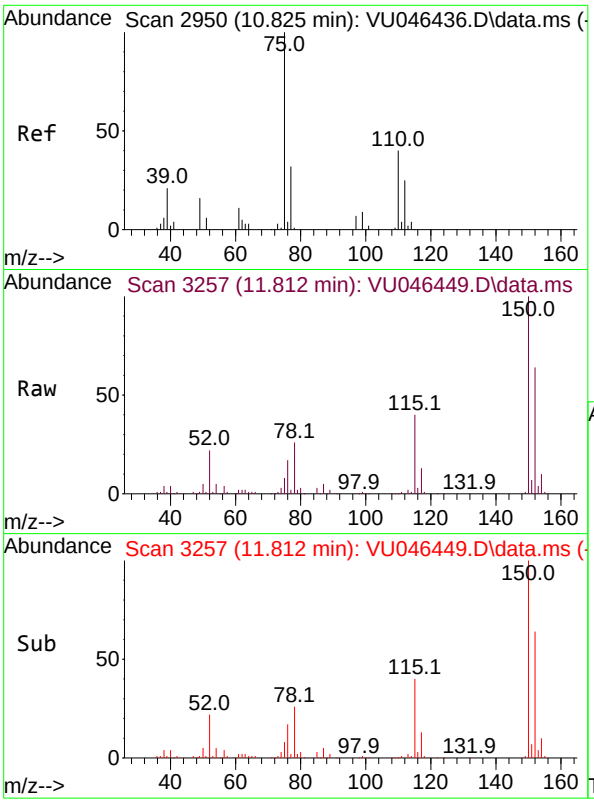




#39
cis-1,3-Dichloropropene
Concen: 0.954 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.045 min
Lab File: VU046449.D
Acq: 17 Dec 2021 02:41

Tgt Ion: 75 Resp: 1547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 38.7 | 21.8 | 40.6 |






#60
1,2,3-Trichloropropane
Concen: 5.615 ug/L
RT: 11.812 min Scan# 3
Delta R.T. 0.987 min
Lab File: VU046449.D
Acq: 17 Dec 2021 02:41

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

Tgt Ion: 75 Resp: 8224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 33.0 | 26.4 | 39.6 |
| 110 | 1.6 | 32.4 | 48.6# |