Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
Data File : VU050183.D
Acq On : 09 Aug 2022 14:56
Operator : SY/MD
Sample : N4075-12DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 10 04:48:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 09 03:59:45 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.250 | 114 | 81588 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.417 | 117 | 81542 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.816 | 152 | 31640 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.597 | 65 | 22202 | 3.270 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 65.400% | | | |
| 7) Chloroethane-d5 | 1.909 | 69 | 22312 | 4.073 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 81.400% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.565 | 65 | 9335 | 3.518 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 70.400% | | | |
| 20) 2-Butanone-d5 | 4.626 | 46 | 102496 | 61.903 | ug/L | -0.01 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 123.800% | | | |
| 24) Chloroform-d | 5.063 | 84 | 61258 | 4.850 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 97.000% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.703 | 65 | 33014 | 5.091 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 101.800% | | | |
| 32) Benzene-d6 | 5.729 | 84 | 109238 | 4.293 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 85.800% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.694 | 67 | 40164 | 4.793 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 95.800% | | | |
| 41) Toluene-d8 | 7.899 | 98 | 81979 | 3.648 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 73.000% | | | |
| 43) trans-1,3-Dichloroprop... | 8.182 | 79 | 12511 | 4.166 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 83.400% | | | |
| 46) 2-Hexanone-d5 | 8.636 | 63 | 63597 | 59.724 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 119.440% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84 | 38968 | 5.296 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 106.000% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.195 | 152 | 31559 | 5.091 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 101.800% | | | |
| Target Compounds | | | | | | Qvalue |
| 3) Chloromethane | 1.523 | 50 | 1949 | 0.199 | ug/L | 96 |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.562 | 101 | 245 | 0.046 | ug/L # | 22 |
| 16) Methylene chloride | 3.044 | 84 | 6804 | 0.790 | ug/L | 90 |
| 17) Methyl tert-butyl Ether | 3.366 | 73 | 67667 | 4.597 | ug/L | 98 |
| 22) cis-1,2-Dichloroethene | 4.671 | 96 | 1380 | 0.197 | ug/L | 92 |
| 25) Chloroform | 5.083 | 83 | 338 | 0.027 | ug/L # | 72 |
| 35) Methylcyclohexane | 6.690 | 83 | 9419 | 1.056 | ug/L # | 18 |
| 37) 1,2-Dichloropropane | 6.690 | 63 | 4014 | 0.527 | ug/L # | 89 |
| 61) 1,2,3-Trichloropropane | 11.812 | 75 | 3718 | 0.863 | ug/L # | 68 |

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

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ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_U
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Quant Time: Aug 10 04:48:35 2022
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 09 03:59:45 2022
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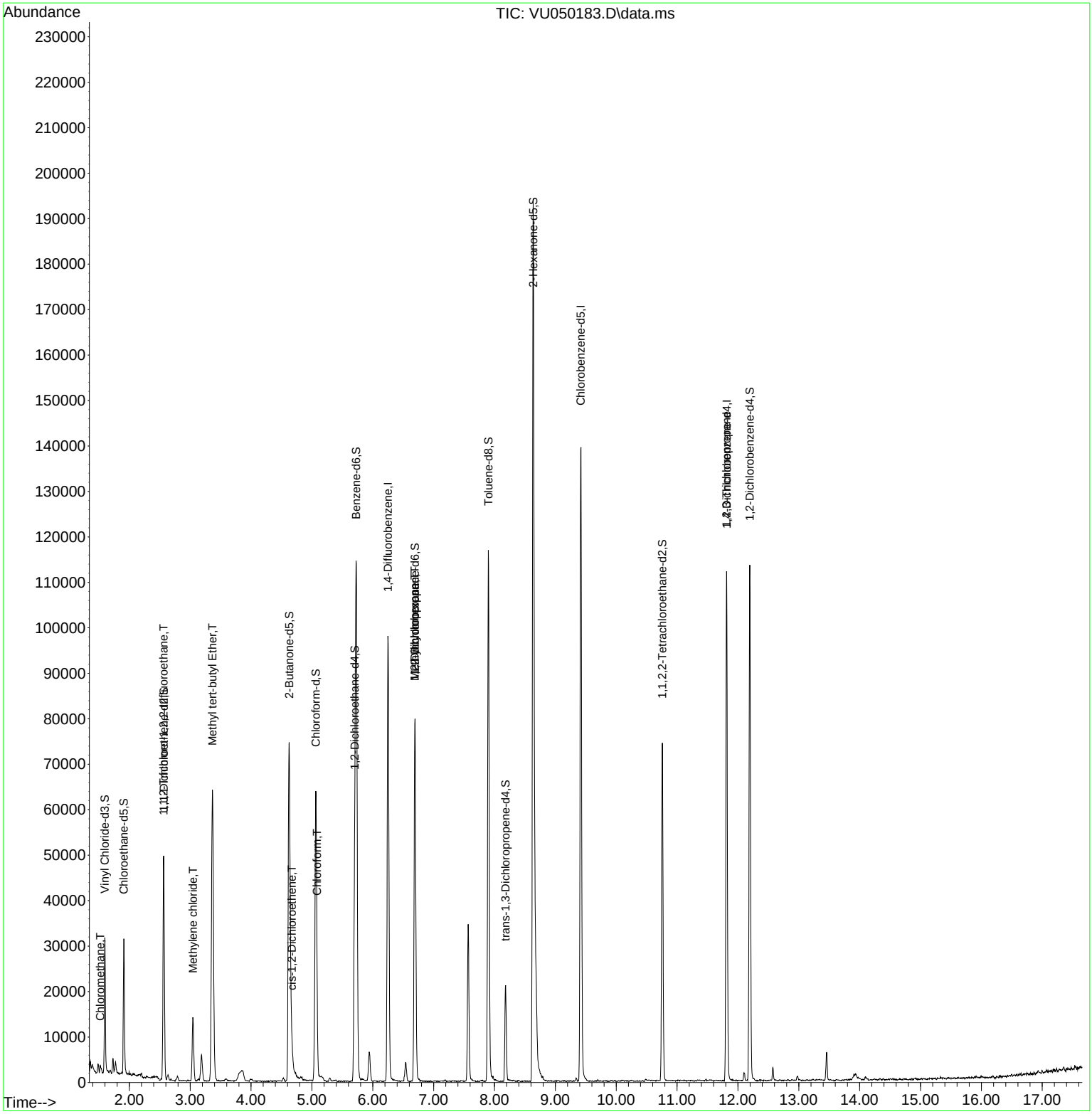
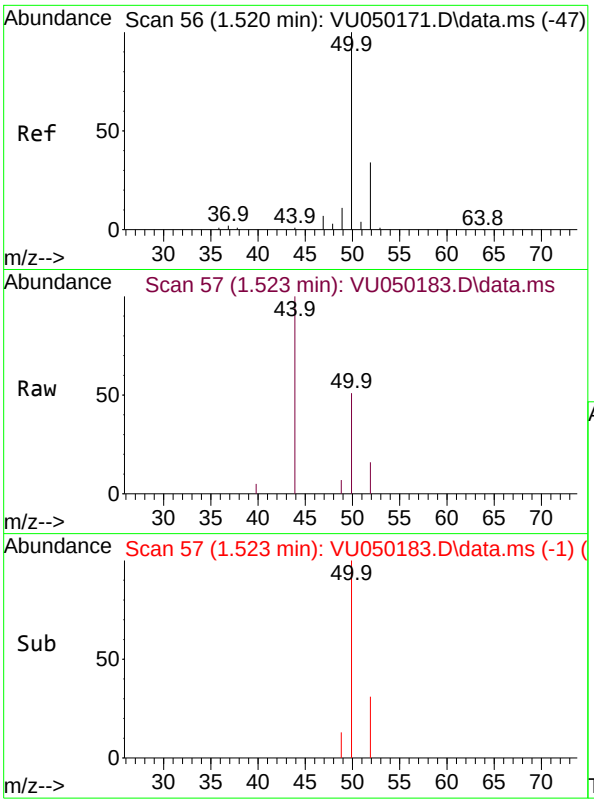


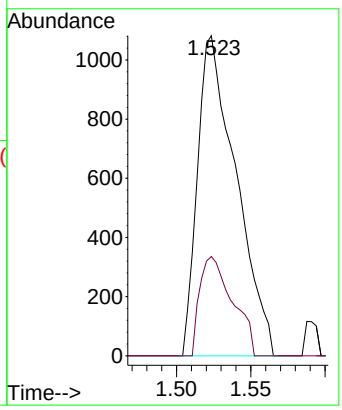


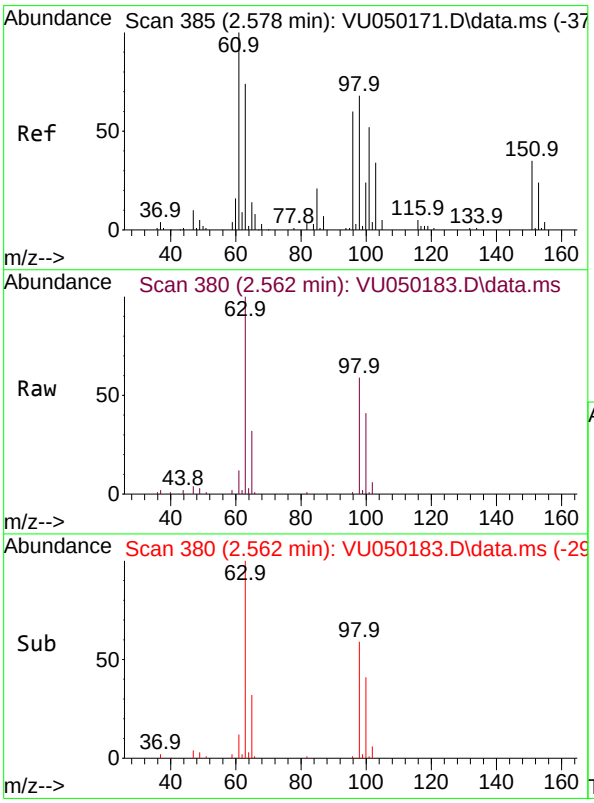

#3
Chloromethane
Concen: 0.199 ug/L
RT: 1.523 min Scan# 5
Delta R.T. 0.003 min
Lab File: VU050183.D
Acq: 09 Aug 2022 14:56

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

Tgt Ion: 50 Resp: 1949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 31.1 | 23.2 | 43.2 |

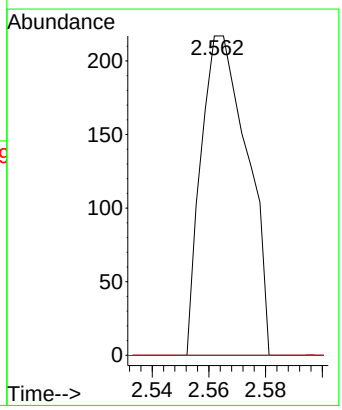


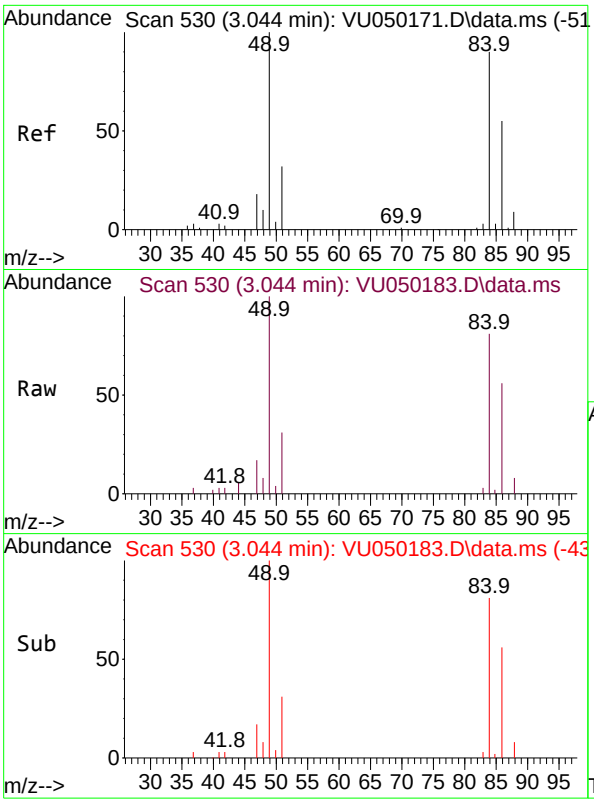




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.046 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU050183.D
Acq: 09 Aug 2022 14:56

Tgt Ion:101 Resp: 245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 0.0 | 35.6 | 53.4# |
| 151 | 0.0 | 55.2 | 82.8# |



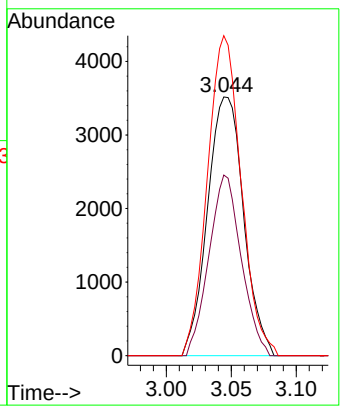


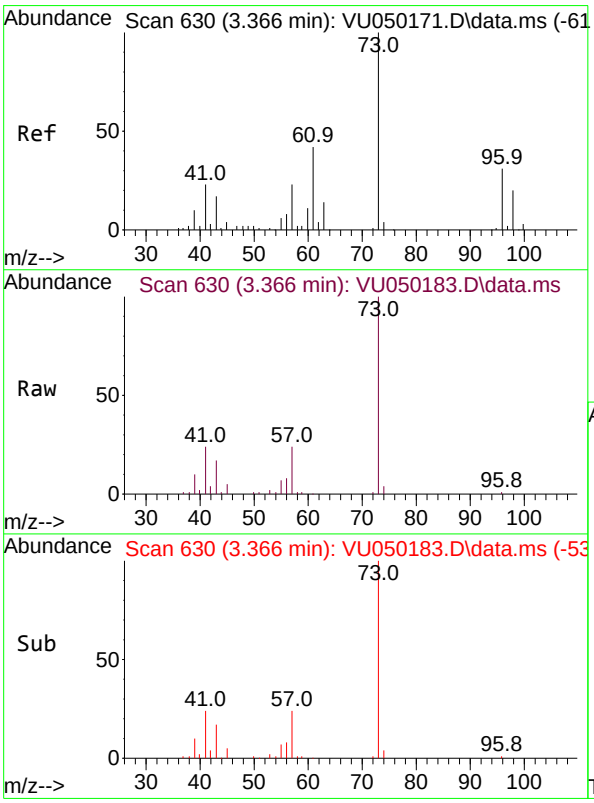

#16
Methylene chloride
Concen: 0.790 ug/L
RT: 3.044 min Scan# 5
Delta R.T. 0.000 min
Lab File: VU050183.D
Acq: 09 Aug 2022 14:56

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

Tgt Ion: 84 Resp: 6804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 69.9 | 45.9 | 85.3 |
| 49 | 123.7 | 77.6 | 144.0 |

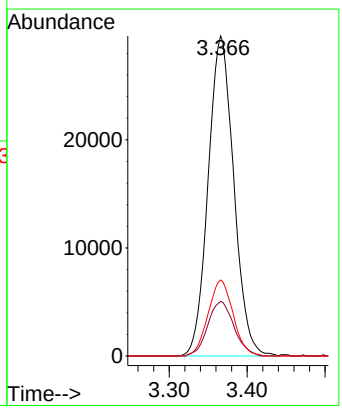


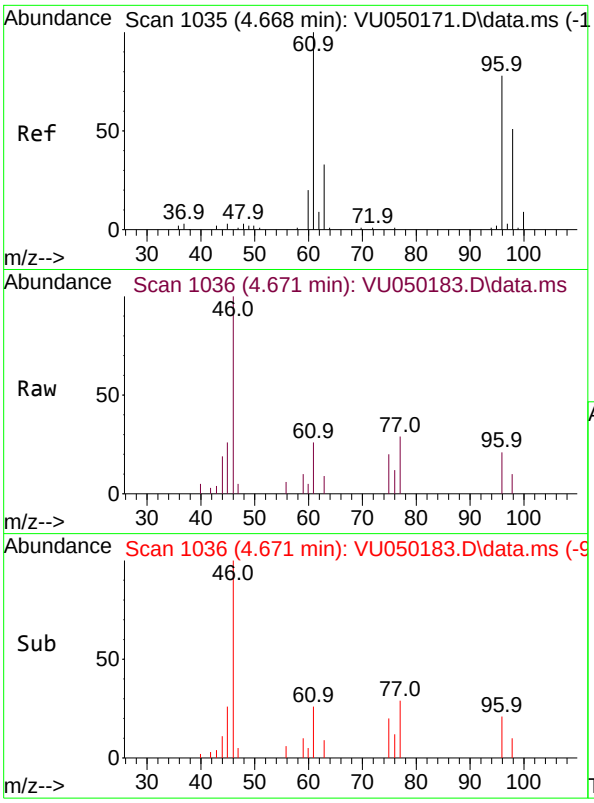




#17
Methyl tert-butyl Ether
Concen: 4.597 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.003 min
Lab File: VU050183.D
Acq: 09 Aug 2022 14:56

Tgt Ion: 73 Resp: 67667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 43 | 17.5 | 13.5 | 20.3 |
| 57 | 23.2 | 17.4 | 26.2 |



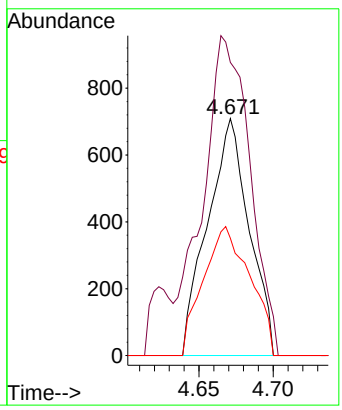


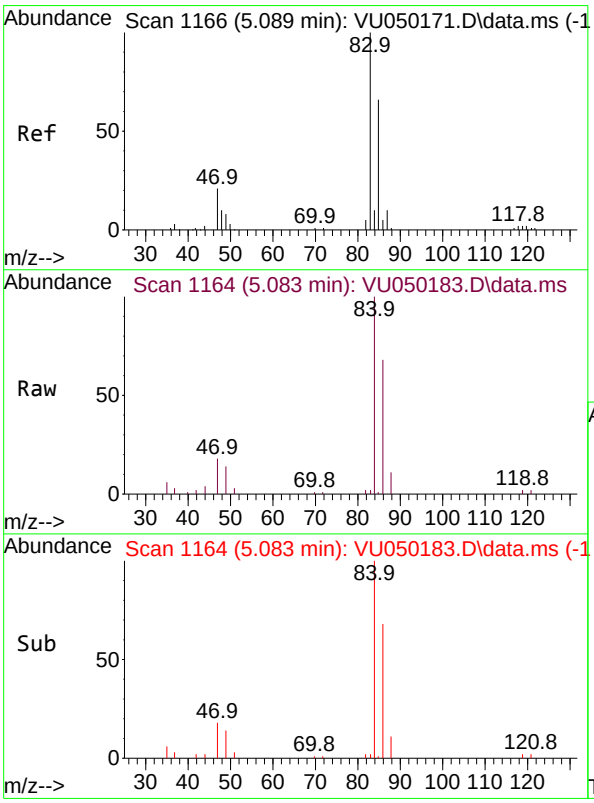

#22
cis-1,2-Dichloroethene
Concen: 0.197 ug/L
RT: 4.671 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU050183.D
Acq: 09 Aug 2022 14:56

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

Tgt Ion: 96 Resp: 1380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 123.7 | 89.0 | 165.4 |
| 98 | 49.5 | 45.2 | 84.0 |

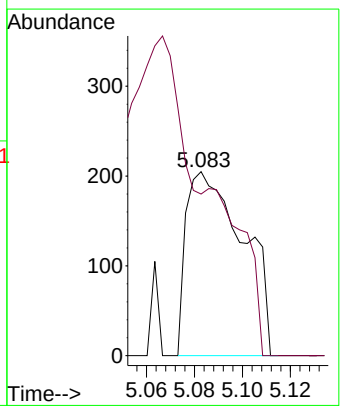


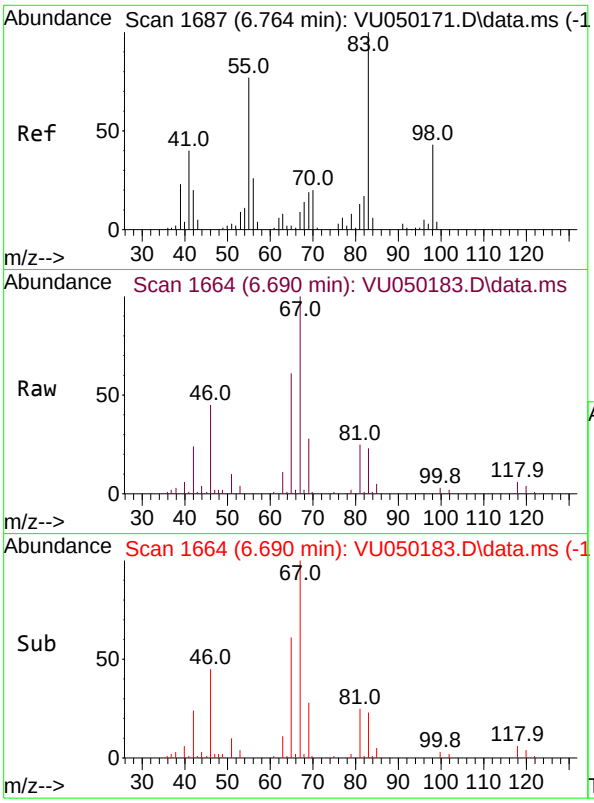




#25
Chloroform
Concen: 0.027 ug/L
RT: 5.083 min Scan# 1164
Delta R.T. -0.006 min
Lab File: VU050183.D
Acq: 09 Aug 2022 14:56

Tgt Ion: 83 Resp: 338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 87.8 | 46.1 | 85.5# |



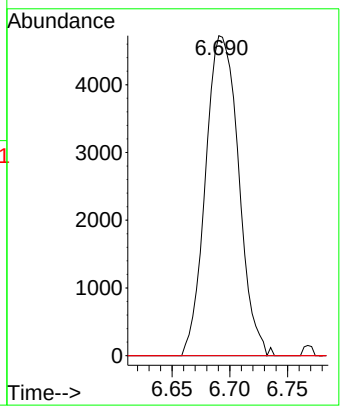


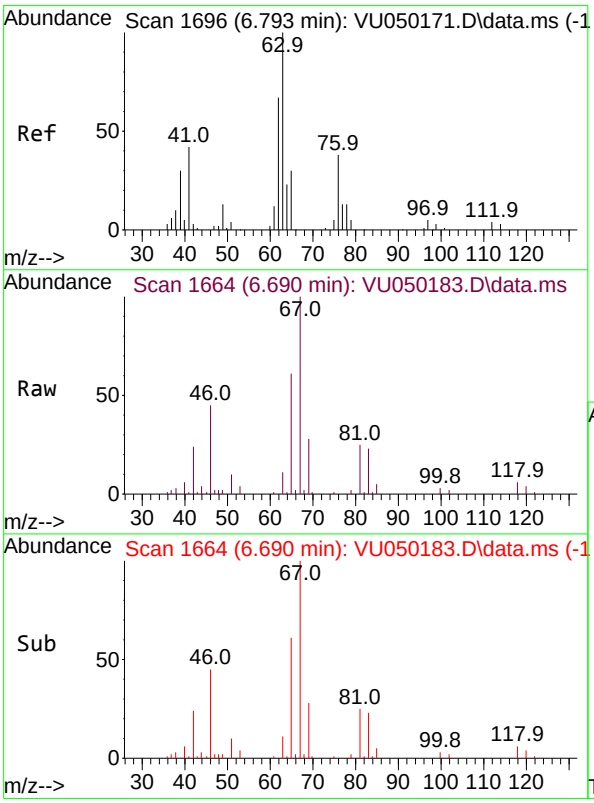

#35
Methylcyclohexane
Concen: 1.056 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU050183.D
Acq: 09 Aug 2022 14:56

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

Tgt Ion: 83 Resp: 9419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 62.7 | 94.1# |
| 98 | 0.4 | 36.2 | 54.2# |

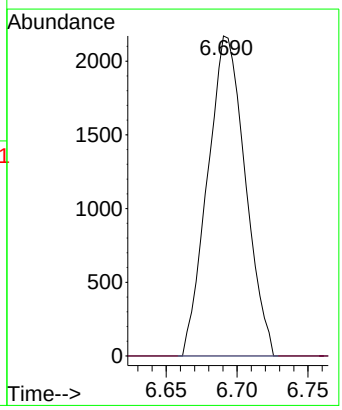


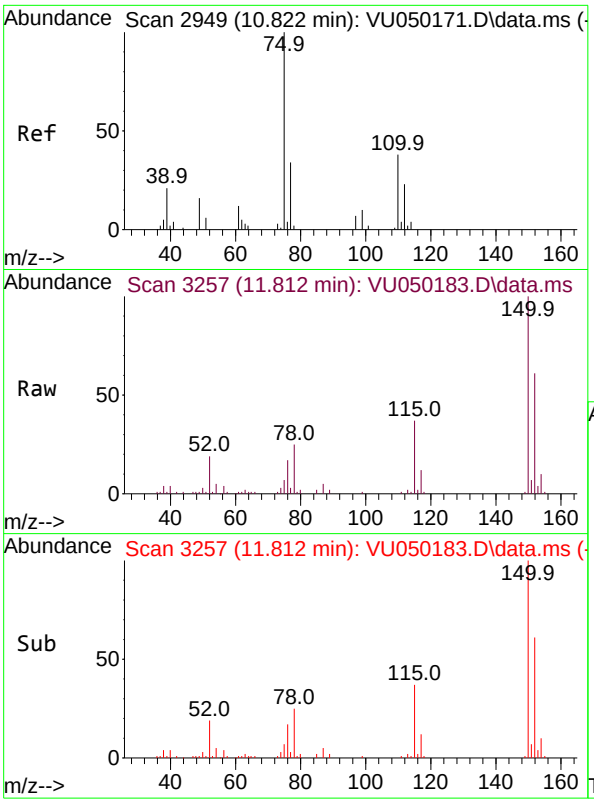




#37
1,2-Dichloropropane
Concen: 0.527 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU050183.D
Acq: 09 Aug 2022 14:56

Tgt Ion: 63 Resp: 4014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.0 | 4.4# |






#61
1,2,3-Trichloropropane
Concen: 0.863 ug/L
RT: 11.812 min Scan# 3
Delta R.T. 0.987 min
Lab File: VU050183.D
Acq: 09 Aug 2022 14:56

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

Tgt Ion: 75 Resp: 3718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 0.0 | 28.5 | 42.7# |
| 77 | 31.8 | 25.8 | 38.6 |