Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060520\
Data File : VU038566.D
Acq On : 05 Jun 2020 12:39
Operator : SY/MD
Sample : L2860-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** F9D38

Quant Time: Jun 06 00:14:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 06 00:12:39 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.28 | 114 | 292007 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.44 | 117 | 285330 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.82 | 152 | 148246 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.61 | 65 | 68601 | 3.63 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 72.60% | | | |
| 7) Chloroethane-d5 | 1.93 | 69 | 60566 | 4.17 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 83.40% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.59 | 63 | 110705 | 2.98 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 59.60%# | | | |
| 20) 2-Butanone-d5 | 4.67 | 46 | 296486 | 51.64 | ug/L | -0.01 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 103.28% | | | |
| 24) Chloroform-d | 5.10 | 84 | 165625 | 4.67 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 93.40% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.74 | 65 | 97418 | 4.83 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 96.60% | | | |
| 32) Benzene-d6 | 5.76 | 84 | 325143 | 4.56 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 91.20% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.72 | 67 | 101241 | 4.62 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 92.40% | | | |
| 41) Toluene-d8 | 7.92 | 98 | 272703 | 4.27 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 85.40% | | | |
| 43) trans-1,3-Dichloropropene- | 8.20 | 79 | 38663 | 4.10 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 82.00% | | | |
| 46) 2-Hexanone-d5 | 8.65 | 63 | 242613 | 52.15 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 104.30% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77 | 84 | 95280 | 5.12 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 102.40% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.20 | 152 | 122163 | 4.78 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 95.60% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.68 | 43 | 22700 | 6.042 | ug/L | 94 |
| 27) 1,2-Dichloroethane | 5.83 | 62 | 23564 | 0.950 | ug/L | 97 |
| 30) Cyclohexane | 5.42 | 56 | 6955 | 0.220 | ug/L | 98 |
| 35) Methylcyclohexane | 6.72 | 83 | 24006 | 0.751 | ug/L # | 18 |
| 37) 1,2-Dichloropropane | 6.83 | 63 | 5957 | 0.298 | ug/L # | 97 |
| 39) cis-1,3-Dichloropropene | 7.59 | 75 | 2876 | 0.097 | ug/L # | 64 |
| 48) 2-Hexanone | 8.71 | 43 | 18026 | 1.662 | ug/L # | 96 |
| 58) 1,1,2,2-Tetrachloroethane | 10.80 | 83 | 7587 | 0.395 | ug/L # | 59 |
| 59) 1,2,3-Trichloropropane | 10.80 | 75 | 2918 | 0.195 | ug/L | 97 |

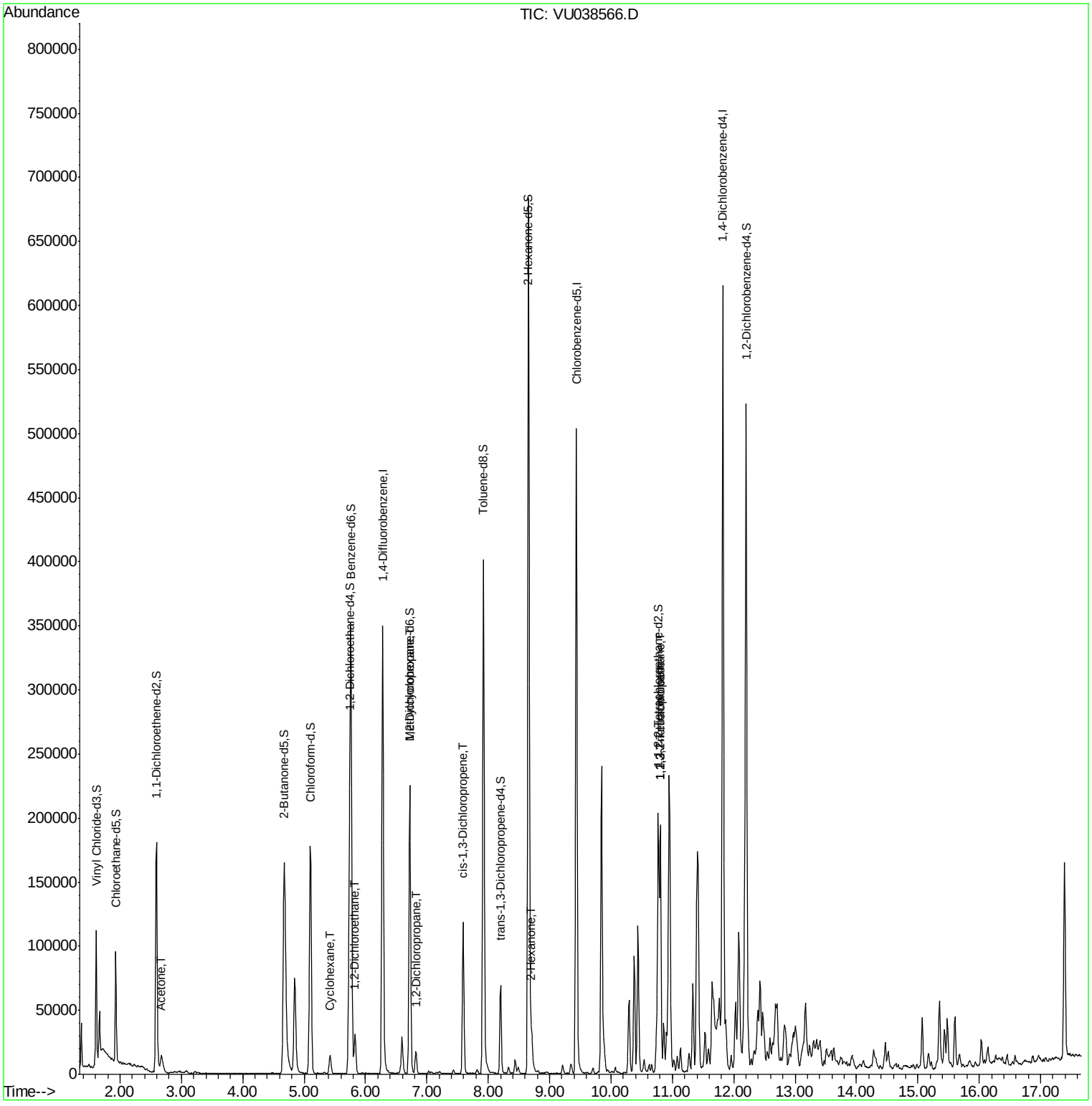
(#) = qualifier out of range (m) = manual integration (+) = signals summed

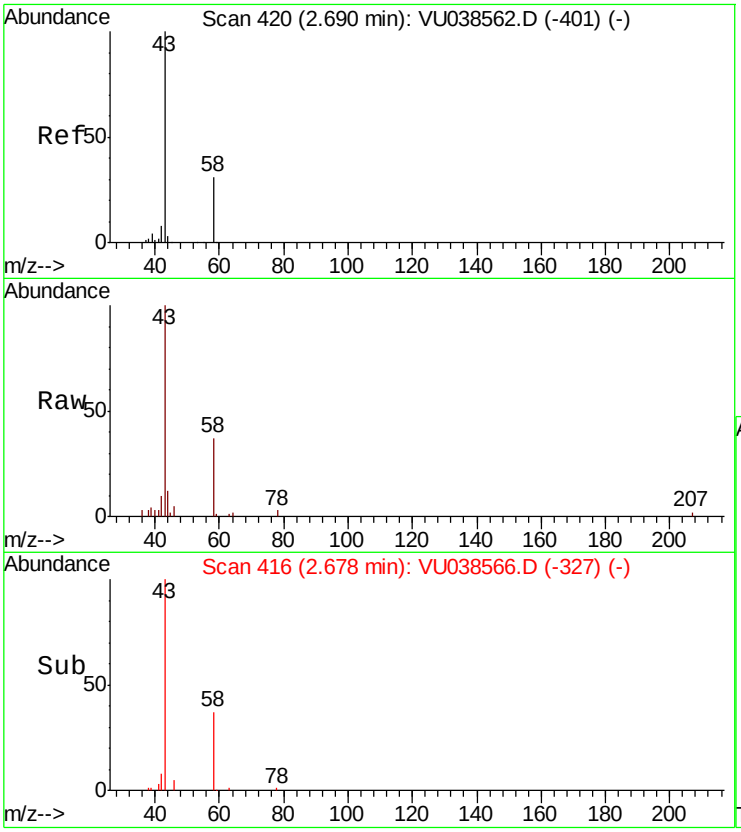
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
Data File : VU038566.D
Acq On : 05 Jun 2020 12:39
Operator : SY/MD
Sample : L2860-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** F9D38

Quant Time: Jun 06 00:14:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 06 00:12:39 2020
Response via : Initial Calibration



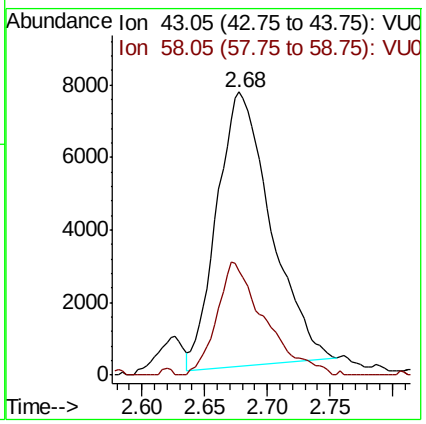


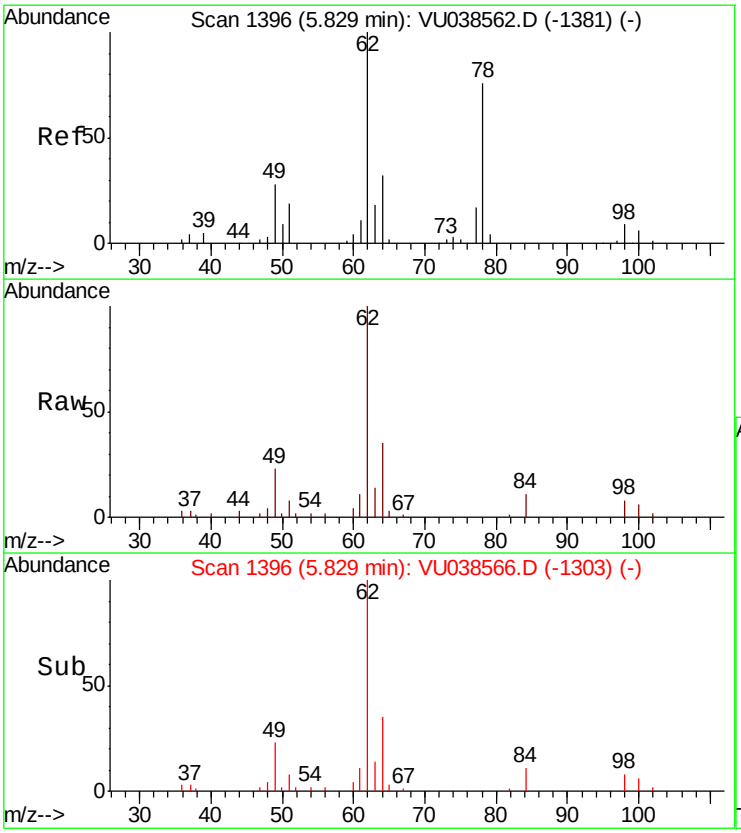

#13
Acetone
Concen: 6.042 ug/L
RT: 2.68 min Scan# 416
Delta R.T. -0.01 min
Lab File: VU038566.D
Acq: 05 Jun 2020 12:39

**Instrument :**
MSVOA_U
**ClientSampleId :**
F9D38

Tgt Ion: 43 Resp: 22700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 36.4 | 0.0 | 65.6 |

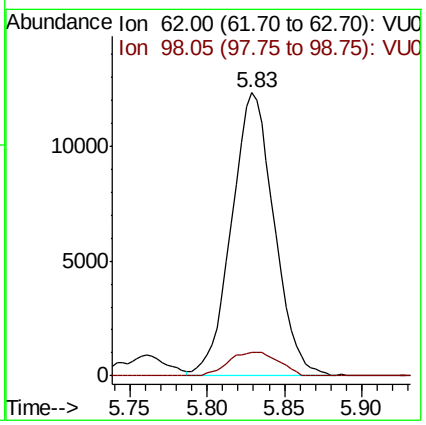


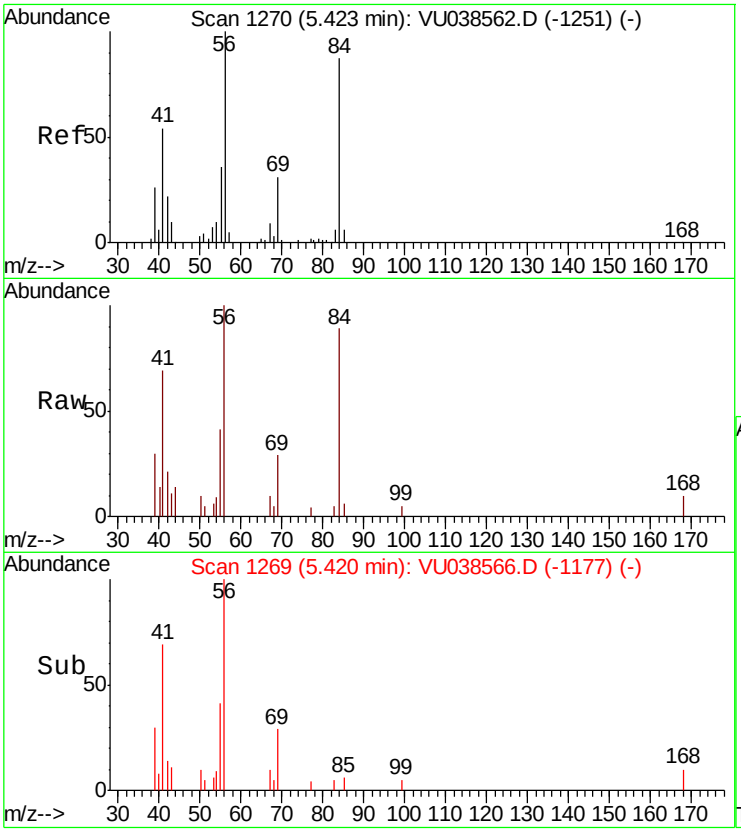




#27
1,2-Dichloroethane
Concen: 0.950 ug/L
RT: 5.83 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VU038566.D
Acq: 05 Jun 2020 12:39

Tgt Ion: 62 Resp: 23564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 8.2 | 7.4 | 11.2 |



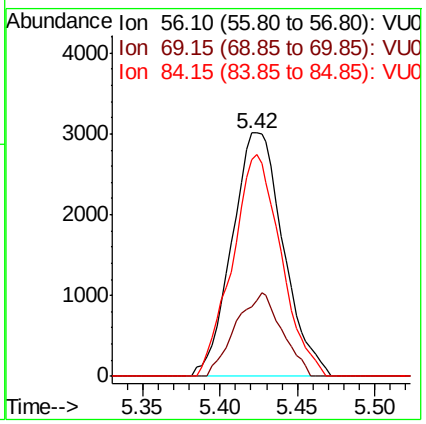


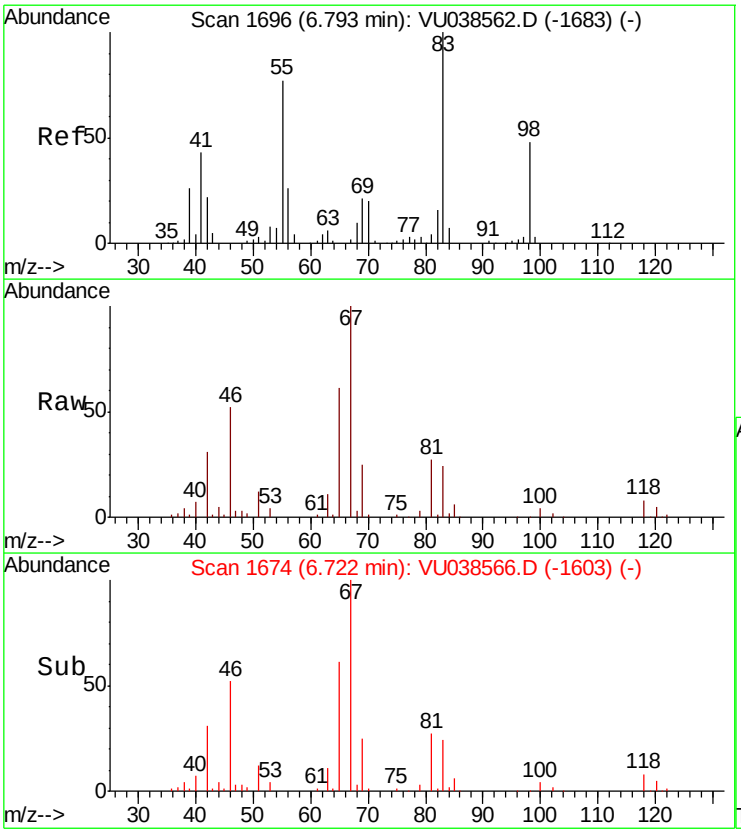

#30
Cyclohexane
Concen: 0.220 ug/L
RT: 5.42 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VU038566.D
Acq: 05 Jun 2020 12:39

**Instrument :** MSVOA_U
**ClientSampleId :** F9D38

Tgt Ion: 56 Resp: 6955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 30.8 | 24.2 | 36.4 |
| 84 | 86.2 | 70.8 | 106.2 |

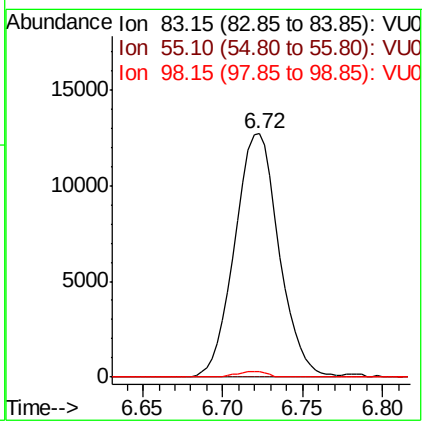


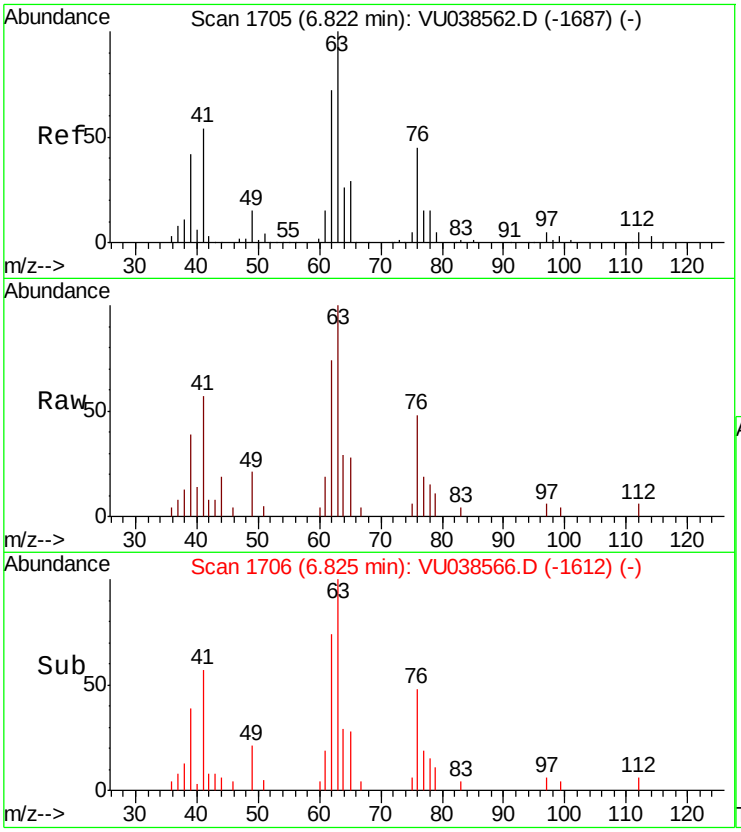




#35
Methylcyclohexane
Concen: 0.751 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038566.D
Acq: 05 Jun 2020 12:39

Tgt Ion: 83 Resp: 24006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 63.4 | 95.2# |
| 98 | 1.4 | 39.0 | 58.4# |



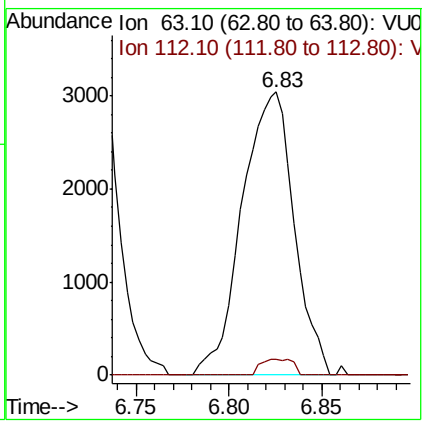


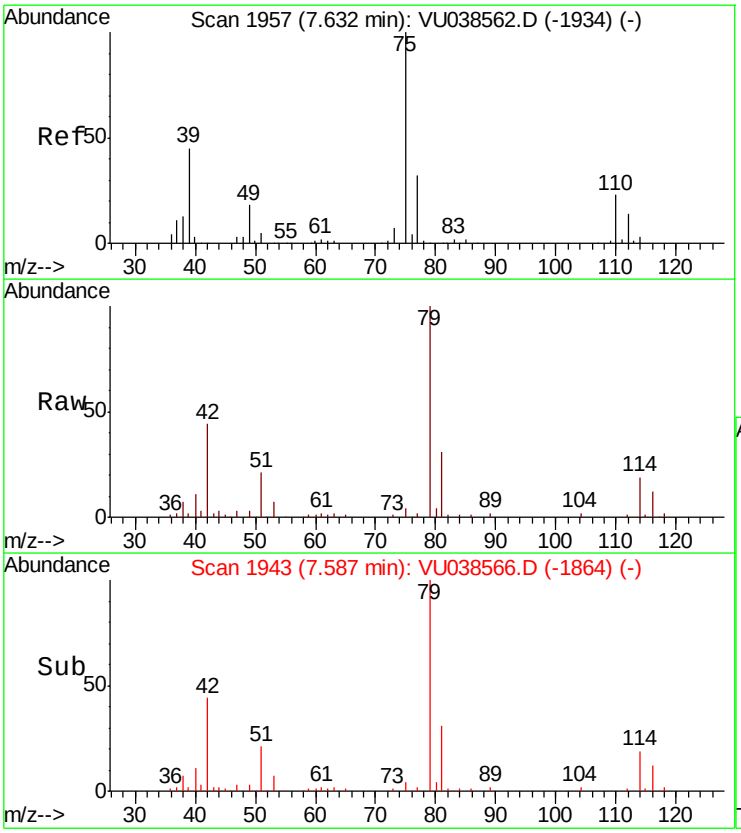

#37
1,2-Dichloropropane
Concen: 0.298 ug/L
RT: 6.83 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VU038566.D
Acq: 05 Jun 2020 12:39

**Instrument :** MSVOA_U
**ClientSampleId :** F9D38

Tgt Ion: 63 Resp: 5957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 3.5 | 3.7 | 5.5# |

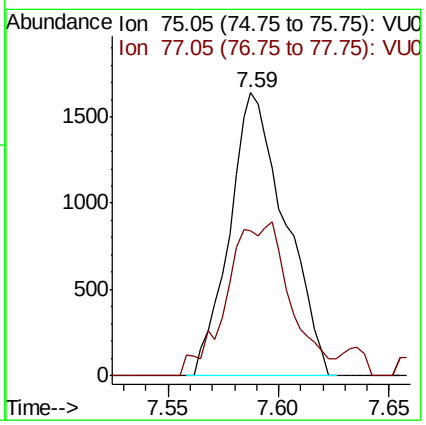


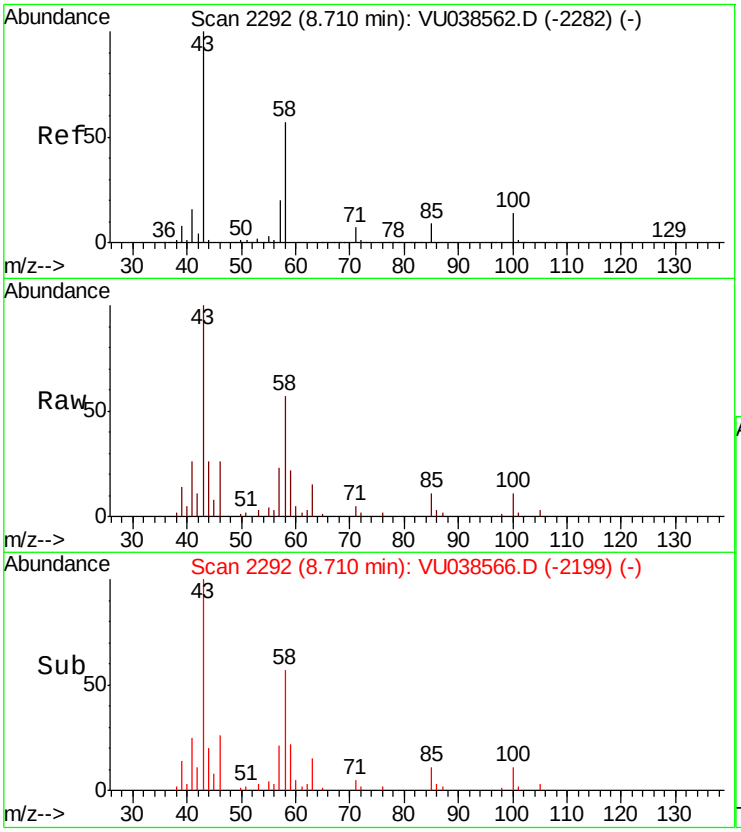




#39
cis-1,3-Dichloropropene
Concen: 0.097 ug/L
RT: 7.59 min Scan# 1943
Delta R.T. -0.05 min
Lab File: VU038566.D
Acq: 05 Jun 2020 12:39

Tgt Ion: 75 Resp: 2876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 51.4 | 21.9 | 40.7# |



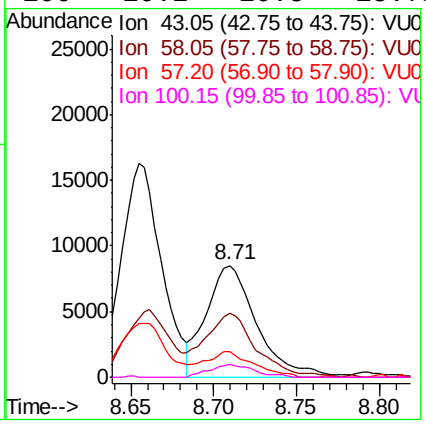


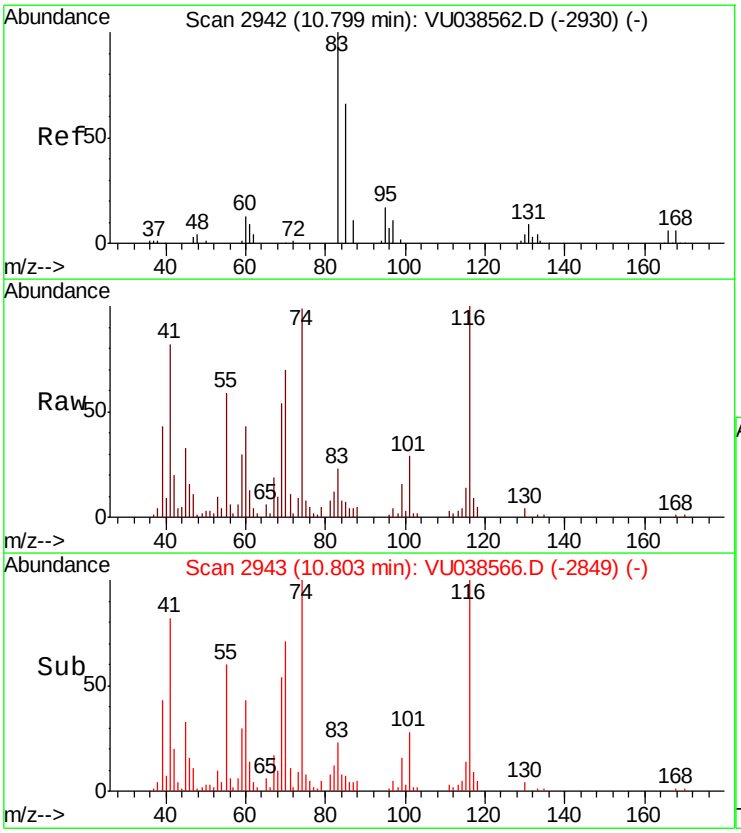

#48
2-Hexanone
Concen: 1.662 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU038566.D
Acq: 05 Jun 2020 12:39

**Instrument :** MSVOA_U
**ClientSampleId :** F9D38

Tgt Ion: 43 Resp: 18026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 58.1 | 45.4 | 68.0 |
| 57 | 22.4 | 15.9 | 23.9 |
| 100 | 10.2 | 10.5 | 15.7# |

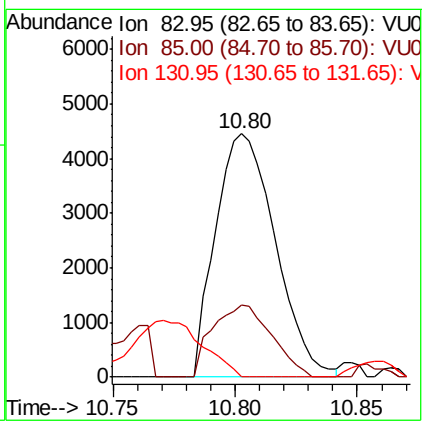


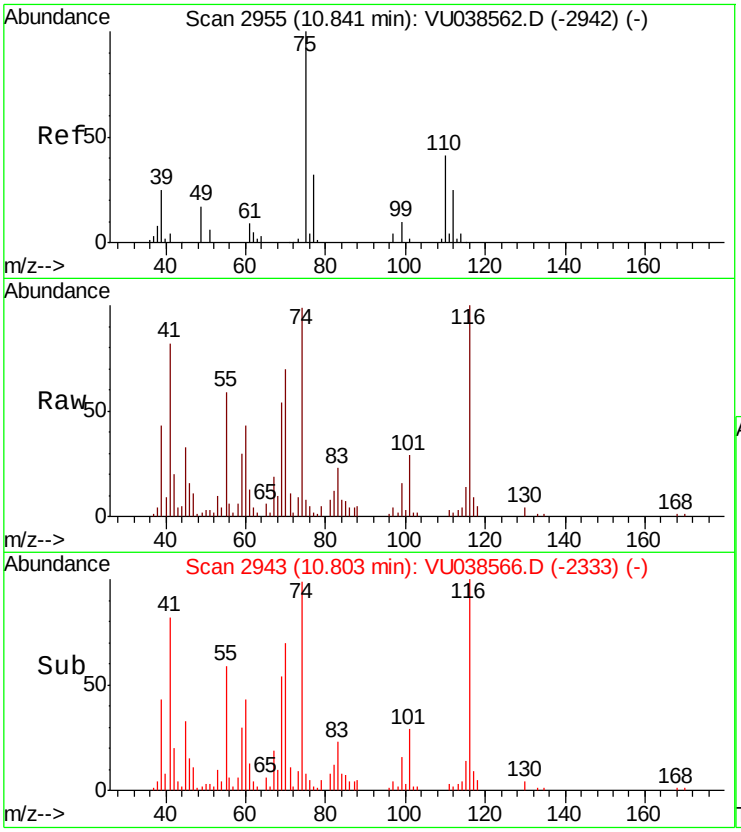




#58
1,1,2,2-Tetrachloroethane
Concen: 0.395 ug/L
RT: 10.80 min Scan# 2943
Delta R.T. 0.00 min
Lab File: VU038566.D
Acq: 05 Jun 2020 12:39

Tgt Ion: 83 Resp: 7587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 29.3 | 44.2 | 82.0# |
| 131 | 0.0 | 8.1 | 12.1# |






#59
1,2,3-Trichloropropane
Concen: 0.195 ug/L
RT: 10.80 min Scan# 2943
Delta R.T. -0.04 min
Lab File: VU038566.D
Acq: 05 Jun 2020 12:39

**Instrument :**
MSVOA_U
**ClientSampleId :**
F9D38

Tgt Ion: 75 Resp: 2918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 29.9 | 25.4 | 38.2 |