Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102319\

Quantitation Report (Not Reviewed)

Data File : VU035442.D
Acq On : 24 Oct 2019 07:12
Operator : JC/SP
Sample : K5509-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 51 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** H0G45

Quant Time: Oct 24 07:54:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 24 07:51:06 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.29 | 114 | 203869 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.45 | 117 | 212169 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152 | 70597 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.61 | 65 | 48337 | 3.89 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 77.80% | | | |
| 7) Chloroethane-d5 | 1.93 | 69 | 51177 | 4.50 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 90.00% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.59 | 63 | 68722 | 2.99 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 59.80%# | | | |
| 20) 2-Butanone-d5 | 4.71 | 46 | 215622 | 60.36 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 120.72% | | | |
| 24) Chloroform-d | 5.11 | 84 | 118385 | 5.21 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 104.20% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.75 | 65 | 68835 | 5.47 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 109.40% | | | |
| 32) Benzene-d6 | 5.77 | 84 | 210645 | 4.34 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 86.80% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.74 | 67 | 80230 | 5.21 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 104.20% | | | |
| 41) Toluene-d8 | 7.93 | 98 | 166688 | 3.59 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 71.80% | | | |
| 43) trans-1,3-Dichloropropene- | 8.22 | 79 | 27125 | 3.63 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 72.60% | | | |
| 46) 2-Hexanone-d5 | 8.68 | 63 | 141042 | 42.78 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 85.56% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.79 | 84 | 73732 | 5.37 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 107.40% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.22 | 152 | 59606 | 4.64 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 92.80% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 22) cis-1,2-Dichloroethene | 4.72 | 96 | 2824 | 0.181 | ug/L | 99 |
| 25) Chloroform | 5.14 | 83 | 7700 | 0.275 | ug/L | 97 |
| 34) Trichloroethene | 6.58 | 95 | 2752 | 0.164 | ug/L | 98 |
| 35) Methylcyclohexane | 6.74 | 83 | 18761 | 0.669 | ug/L # | 19 |
| 37) 1,2-Dichloropropane | 6.74 | 63 | 8695 | 0.549 | ug/L # | 86 |
| 48) 2-Hexanone | 8.74 | 43 | 10644 | 1.419 | ug/L # | 92 |
| 59) 1,2,3-Trichloropropane | 11.84 | 75 | 8801 | 0.797 | ug/L | 93 |

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

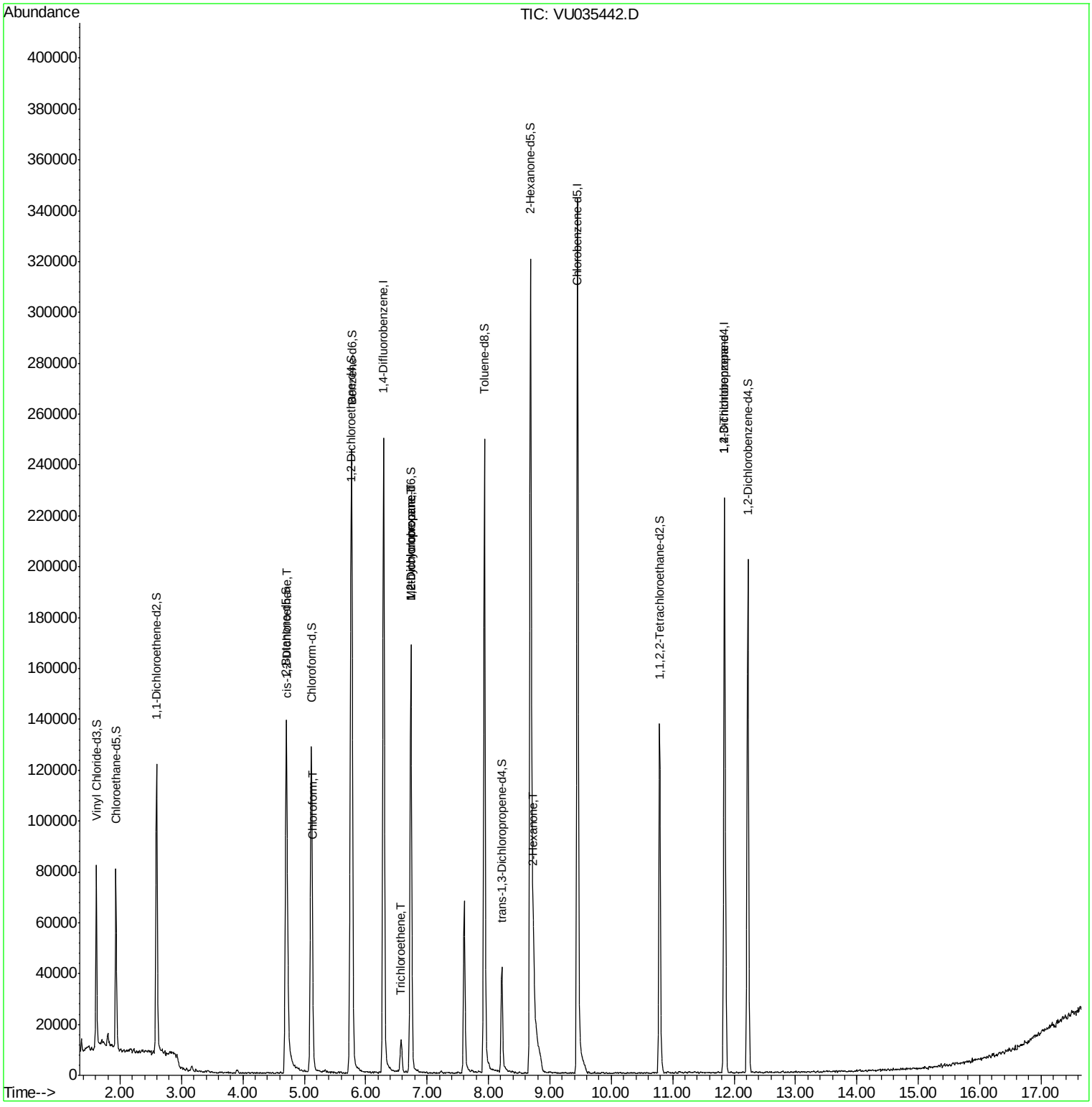
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102319\

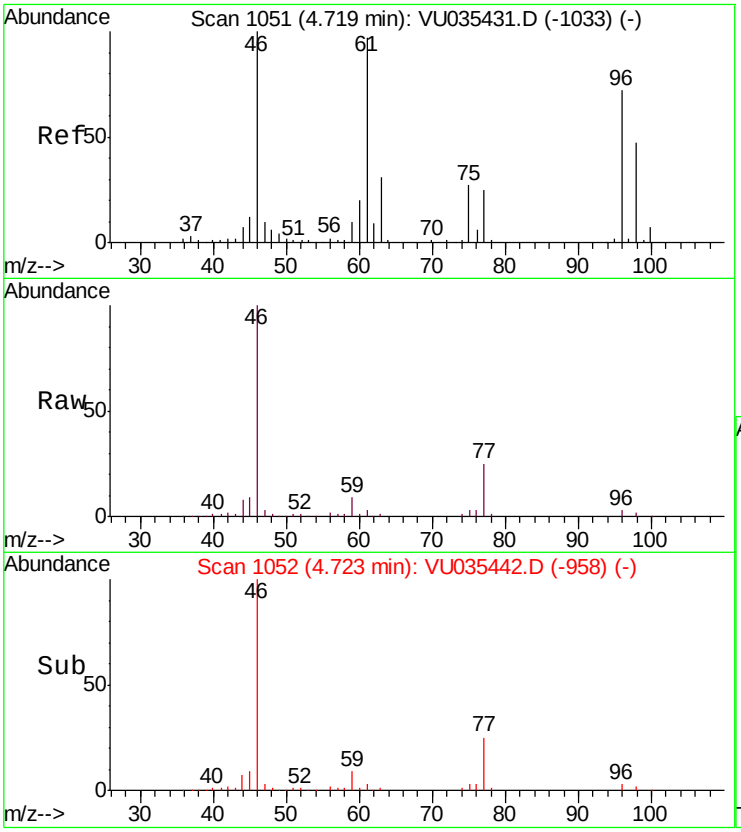
Quantitation Report (Not Reviewed)

Data File : VU035442.D
Acq On : 24 Oct 2019 07:12
Operator : JC/SP
Sample : K5509-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 51 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
H0G45

Quant Time: Oct 24 07:54:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 24 07:51:06 2019
Response via : Initial Calibration



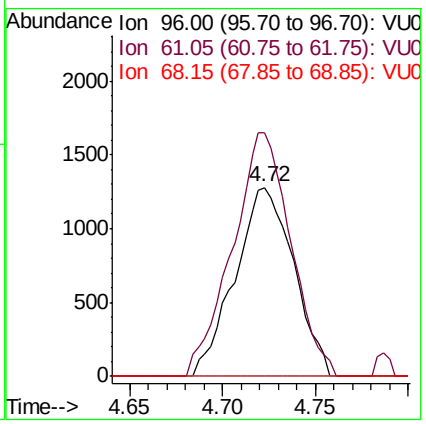


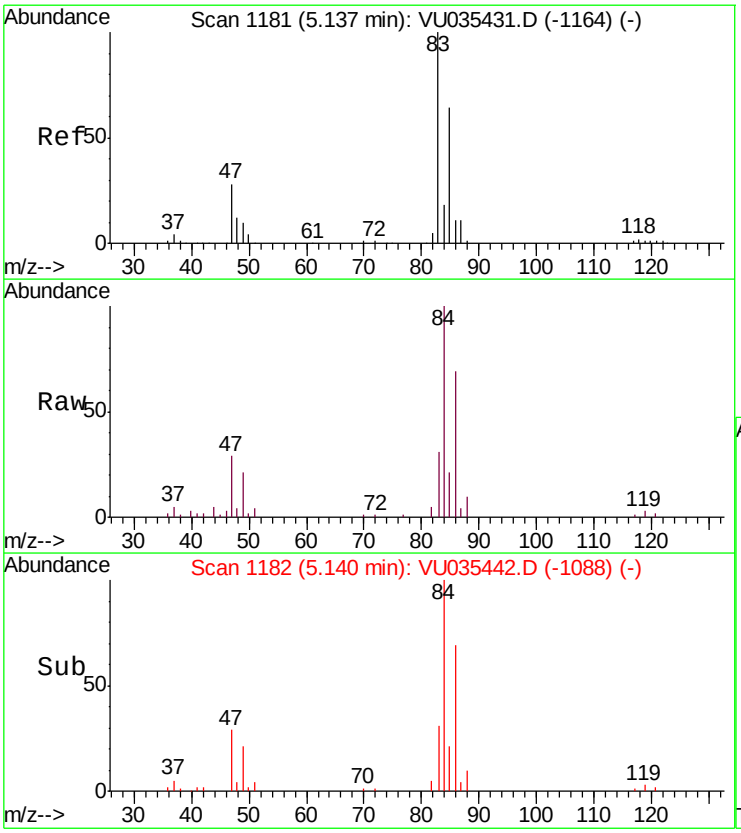

#22
cis-1,2-Dichloroethene
Concen: 0.181 ug/L
RT: 4.72 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VU035442.D
Acq: 24 Oct 2019 07:12

**Instrument :** MSVOA_U
**ClientSampleId :** H0G45

Tgt Ion: 96 Resp: 2824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 128.7 | 89.7 | 166.5 |
| 68 | 0.0 | 0.0 | 0.0 |

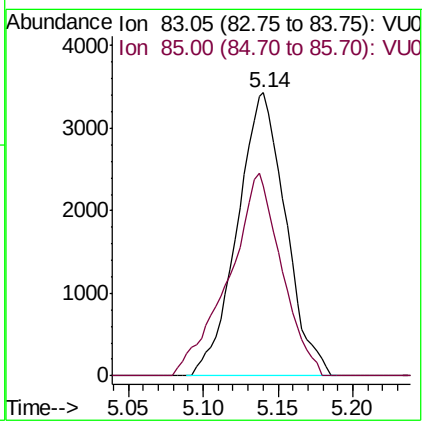


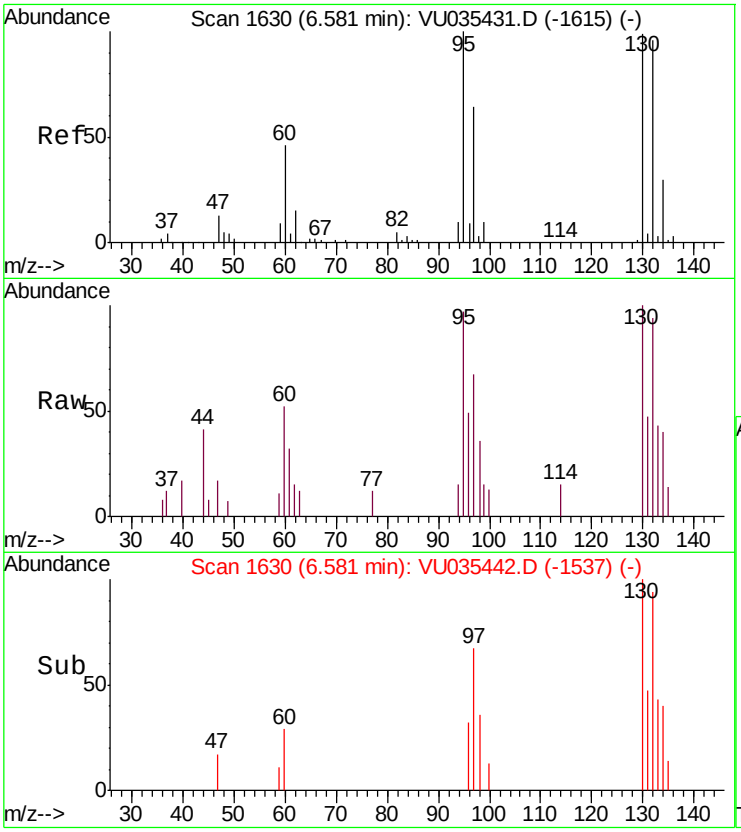




#25
Chloroform
Concen: 0.275 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035442.D
Acq: 24 Oct 2019 07:12

Tgt Ion: 83 Resp: 7700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 67.0 | 45.1 | 83.9 |



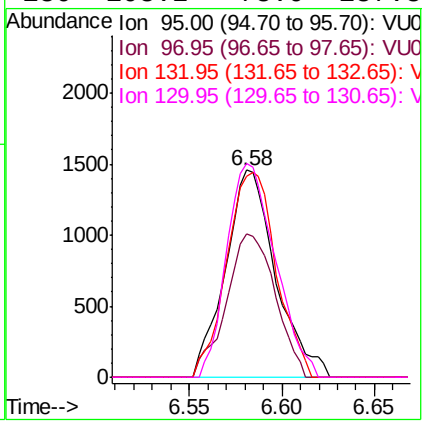


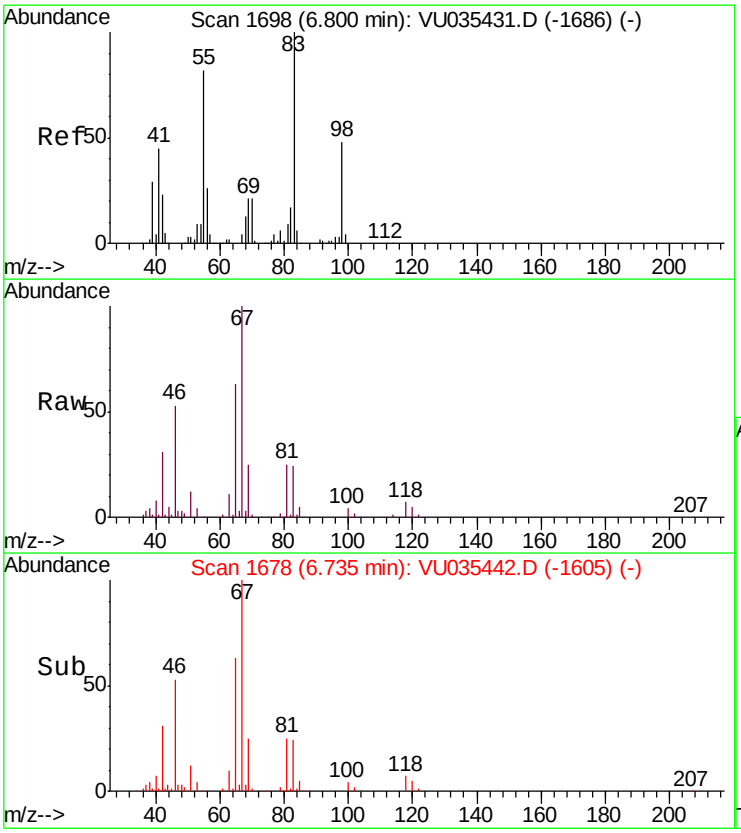

#34
Trichloroethene
Concen: 0.164 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU035442.D
Acq: 24 Oct 2019 07:12

**Instrument :**
MSVOA_U
**ClientSampleId :**
H0G45

Tgt Ion: 95 Resp: 2752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 69.1 | 46.6 | 86.6 |
| 132 | 97.3 | 68.7 | 127.7 |
| 130 | 103.2 | 73.9 | 137.3 |

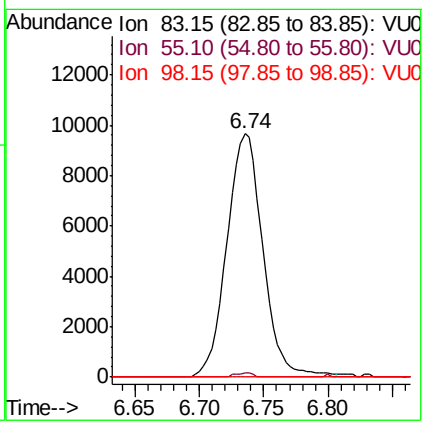


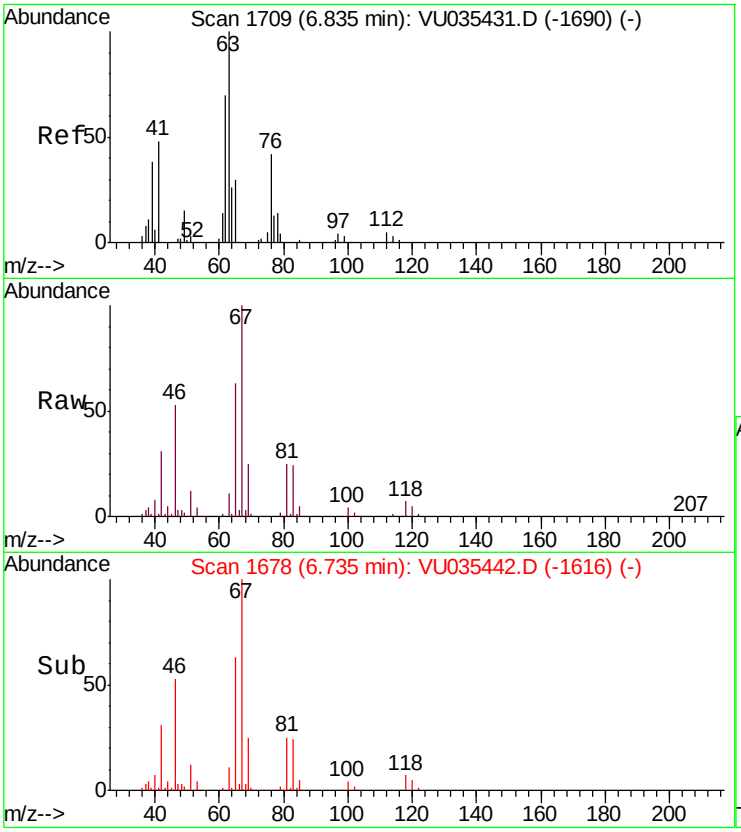




#35
Methylcyclohexane
Concen: 0.669 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035442.D
Acq: 24 Oct 2019 07:12

Tgt Ion: 83 Resp: 18761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.8 | 60.4 | 90.6# |
| 98 | 1.3 | 39.5 | 59.3# |



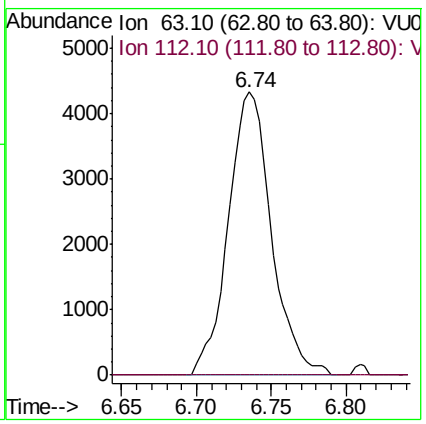


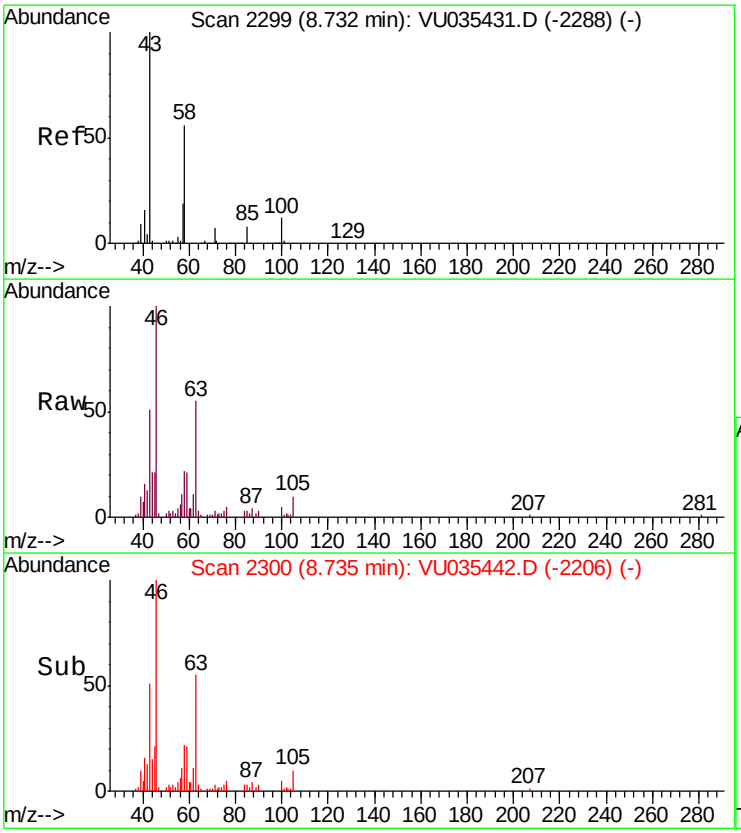

#37
1,2-Dichloropropane
Concen: 0.549 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035442.D
Acq: 24 Oct 2019 07:12

**Instrument :** MSVOA_U
**ClientSampleId :** H0G45

Tgt Ion: 63 Resp: 8695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.7 | 5.5# |

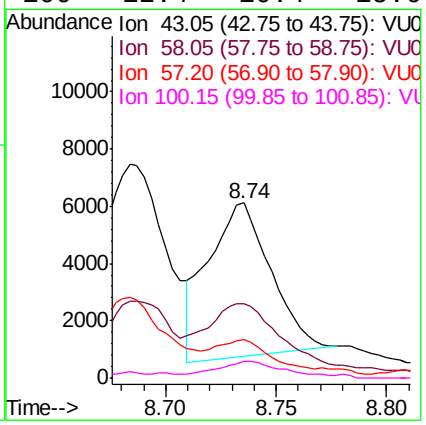


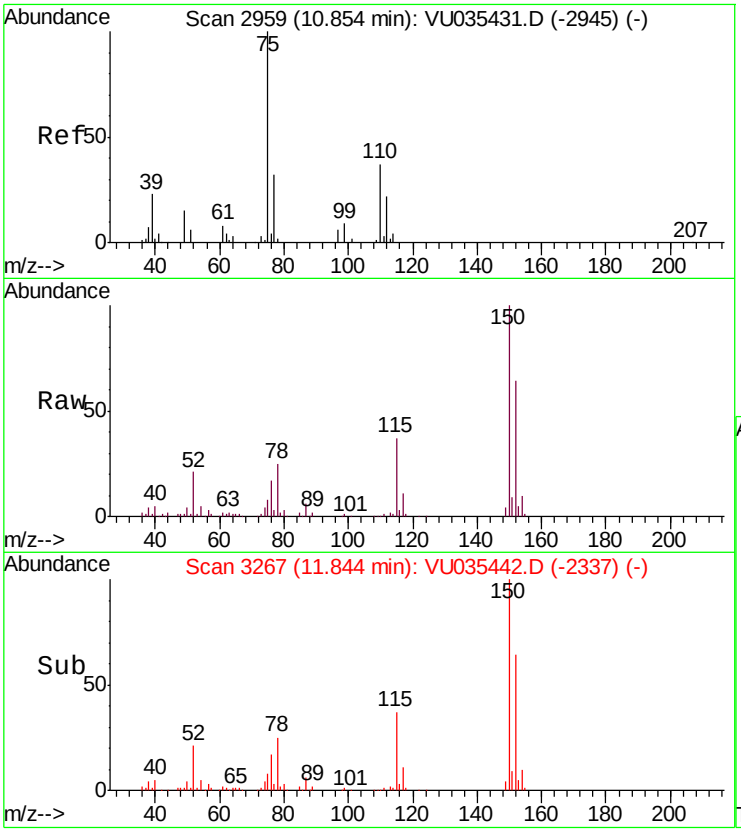




#48
2-Hexanone
Concen: 1.419 ug/L
RT: 8.74 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VU035442.D
Acq: 24 Oct 2019 07:12

Tgt Ion: 43 Resp: 10644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 60.4 | 45.1 | 67.7 |
| 57 | 28.3 | 16.0 | 24.0# |
| 100 | 12.4 | 10.4 | 15.6 |






#59
1,2,3-Trichloropropane
Concen: 0.797 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035442.D
Acq: 24 Oct 2019 07:12

**Instrument :**
MSVOA_U
**ClientSampleId :**
H0G45

Tgt Ion: 75 Resp: 8801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 36.8 | 26.2 | 39.2 |