Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041420\
Data File : VU037719.D
Acq On : 14 Apr 2020 23:59
Operator : JC/MD
Sample : L2275-19
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Apr 15 03:06:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 15 03:02:33 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.28 | 114 | 287842 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.44 | 117 | 273913 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152 | 132943 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.61 | 65 | 103994 | 4.77 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 95.40% | | | |
| 7) Chloroethane-d5 | 1.93 | 69 | 86454 | 4.70 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 94.00% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.59 | 63 | 134092 | 3.46 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 69.20% | | | |
| 20) 2-Butanone-d5 | 4.66 | 46 | 292359 | 48.87 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 97.74% | | | |
| 24) Chloroform-d | 5.10 | 84 | 162314 | 4.67 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 93.40% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.74 | 65 | 96952 | 4.85 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 97.00% | | | |
| 32) Benzene-d6 | 5.76 | 84 | 355394 | 4.79 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 95.80% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.72 | 67 | 116538 | 4.84 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 96.80% | | | |
| 41) Toluene-d8 | 7.92 | 98 | 320451 | 4.77 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 95.40% | | | |
| 43) trans-1,3-Dichloropropene- | 8.20 | 79 | 49929 | 4.61 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 92.20% | | | |
| 46) 2-Hexanone-d5 | 8.65 | 63 | 261970 | 47.30 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 94.60% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77 | 84 | 88626 | 4.66 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 93.20% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.20 | 152 | 114934 | 4.85 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 97.00% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.66 | 43 | 5175 | 1.312 | ug/L | 89 |
| 16) Methylene chloride | 3.08 | 84 | 2624 | 0.117 | ug/L | 94 |
| 35) Methylcyclohexane | 6.72 | 83 | 25772 | 0.661 | ug/L # | 17 |
| 37) 1,2-Dichloropropane | 6.73 | 63 | 11874 | 0.495 | ug/L # | 87 |
| 39) cis-1,3-Dichloropropene | 7.59 | 75 | 3205 | 0.085 | ug/L # | 55 |
| 47) Tetrachloroethene | 8.57 | 164 | 2659 | 0.166 | ug/L | 93 |
| 49) Dibromochloromethane | 8.57 | 129 | 2646 | 0.143 | ug/L # | 11 |
| 59) 1,2,3-Trichloropropane | 11.83 | 75 | 19092 | 1.215 | ug/L | 92 |

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

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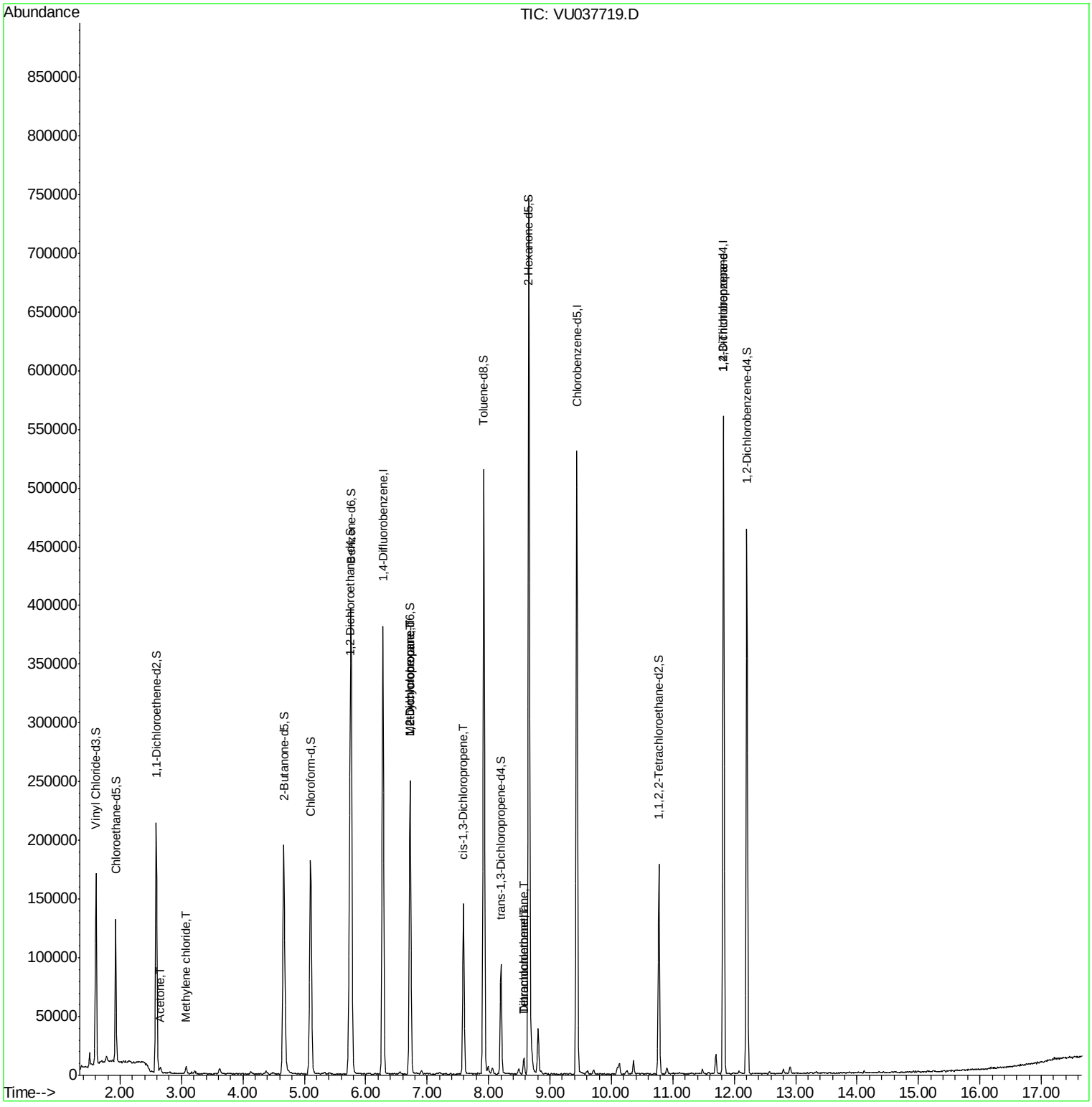
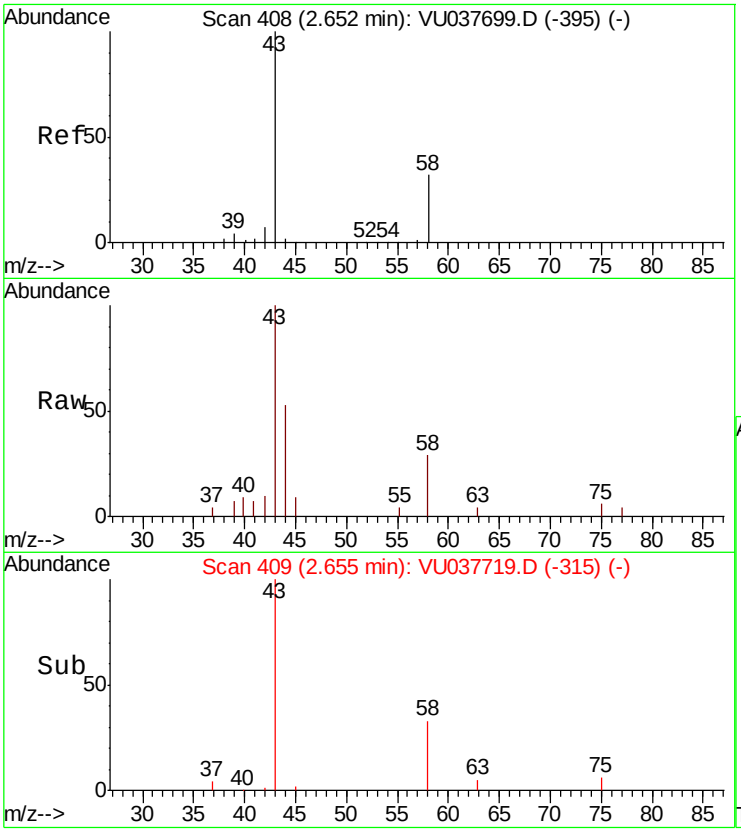
Acq On : 14 Apr 2020 23:59
Operator : JC/MD
Sample : L2275-19
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Apr 15 03:06:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 15 03:02:33 2020
Response via : Initial Calibration



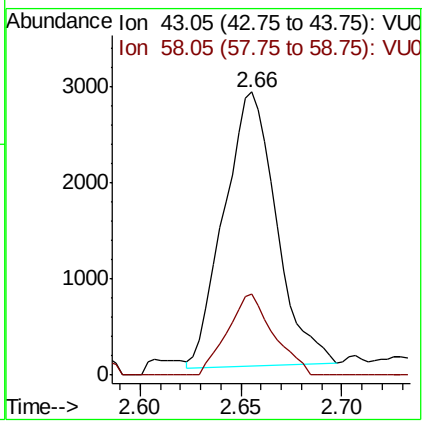


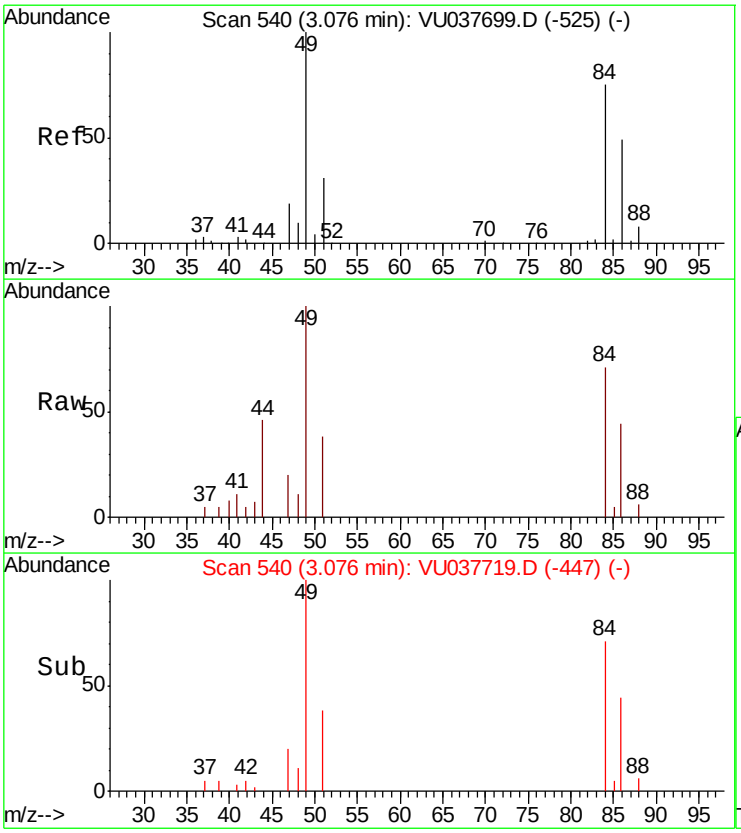

#13
Acetone
Concen: 1.312 ug/L
RT: 2.66 min Scan# 409
Delta R.T. 0.00 min
Lab File: VU037719.D
Acq: 14 Apr 2020 23:59

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

Tgt Ion: 43 Resp: 5175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 26.0 | 0.0 | 64.8 |

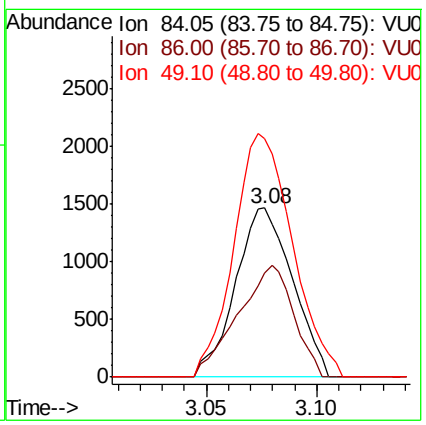


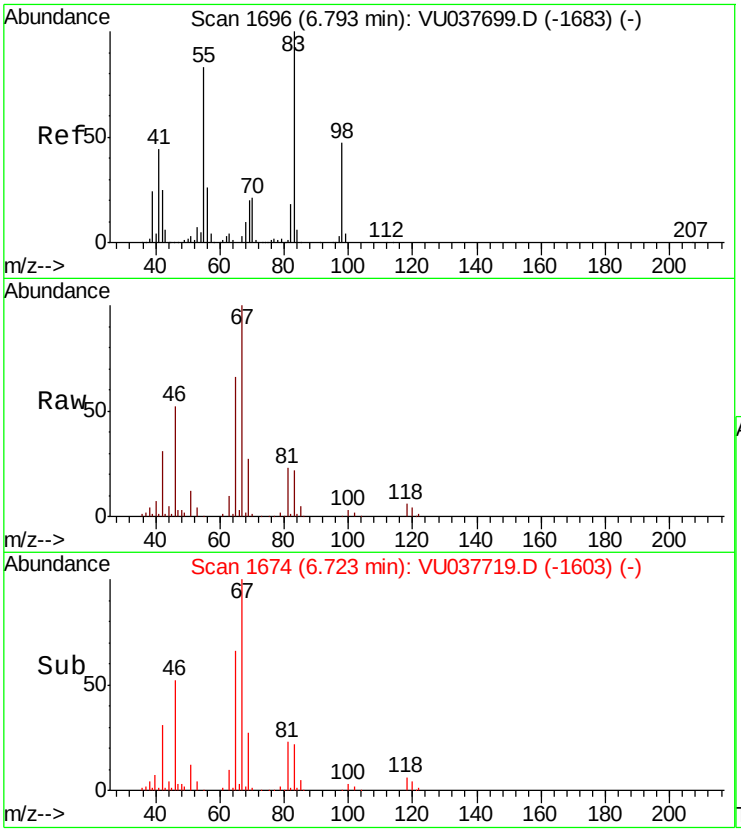




#16
Methylene chloride
Concen: 0.117 ug/L
RT: 3.08 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU037719.D
Acq: 14 Apr 2020 23:59

Tgt Ion: 84 Resp: 2624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 86 | 61.9 | 44.2 | 82.0 |
| 49 | 140.8 | 92.4 | 171.6 |



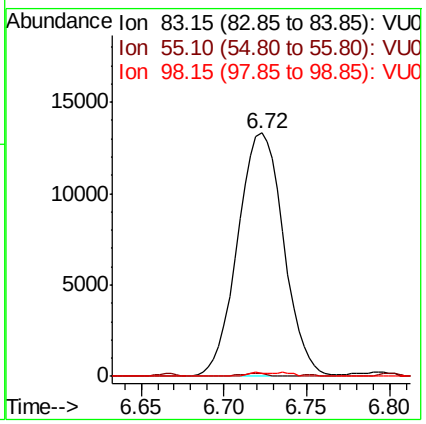


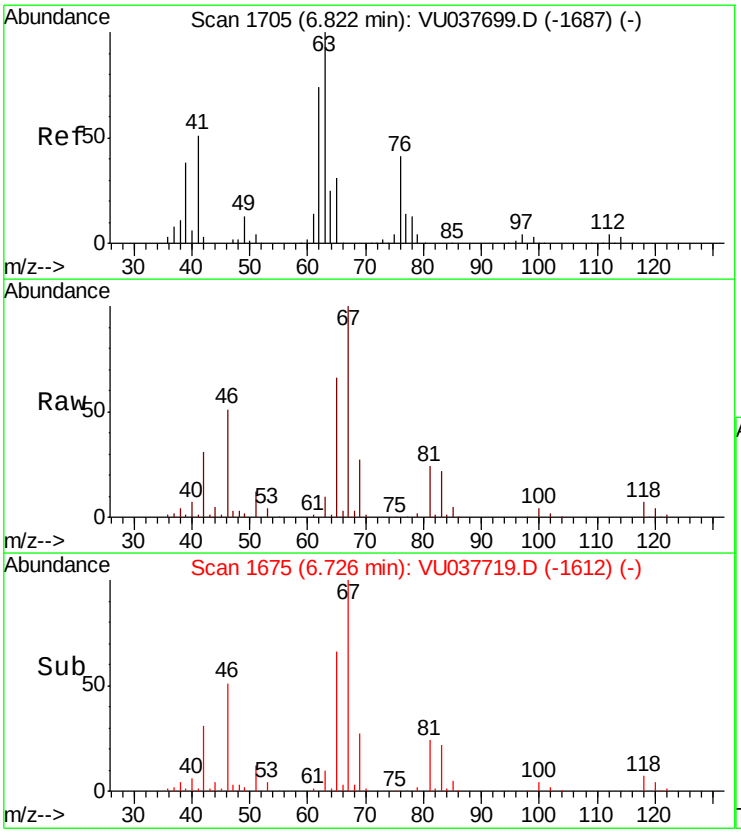

#35
Methylcyclohexane
Concen: 0.661 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037719.D
Acq: 14 Apr 2020 23:59

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

Tgt Ion: 83 Resp: 25772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.7 | 65.5 | 98.3# |
| 98 | 0.8 | 38.2 | 57.4# |

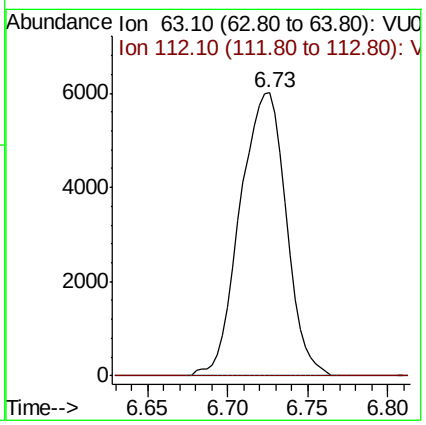


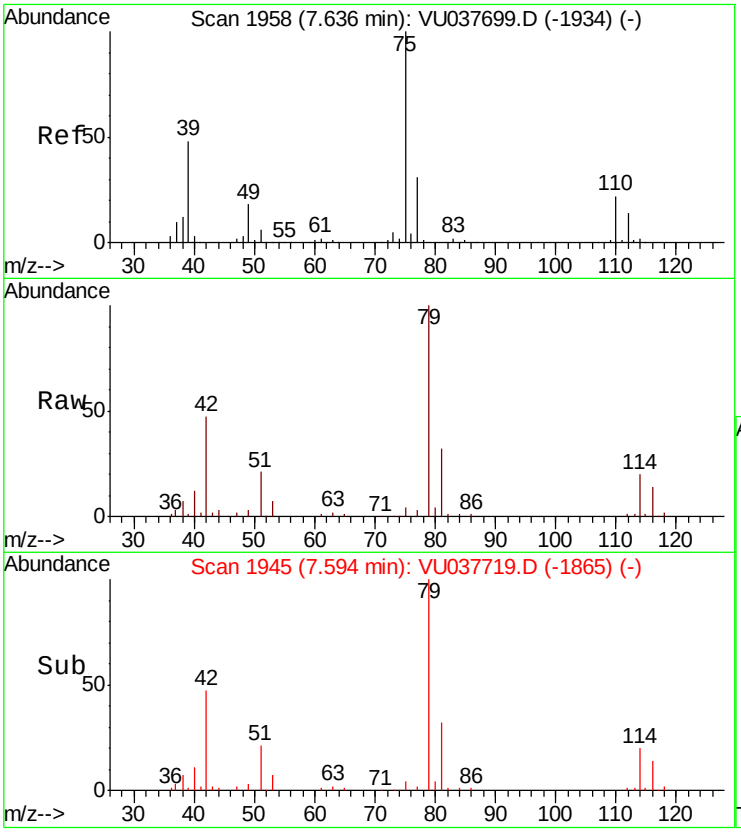




#37
1,2-Dichloropropane
Concen: 0.495 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU037719.D
Acq: 14 Apr 2020 23:59

Tgt Ion: 63 Resp: 11874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.4 | 5.0# |



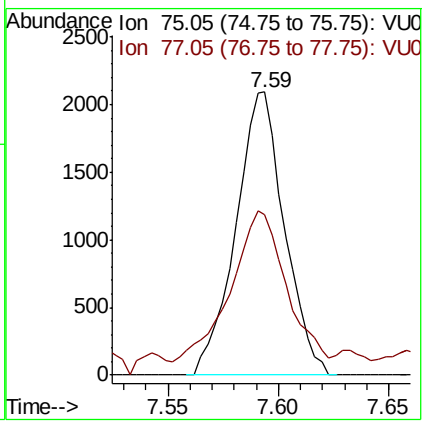


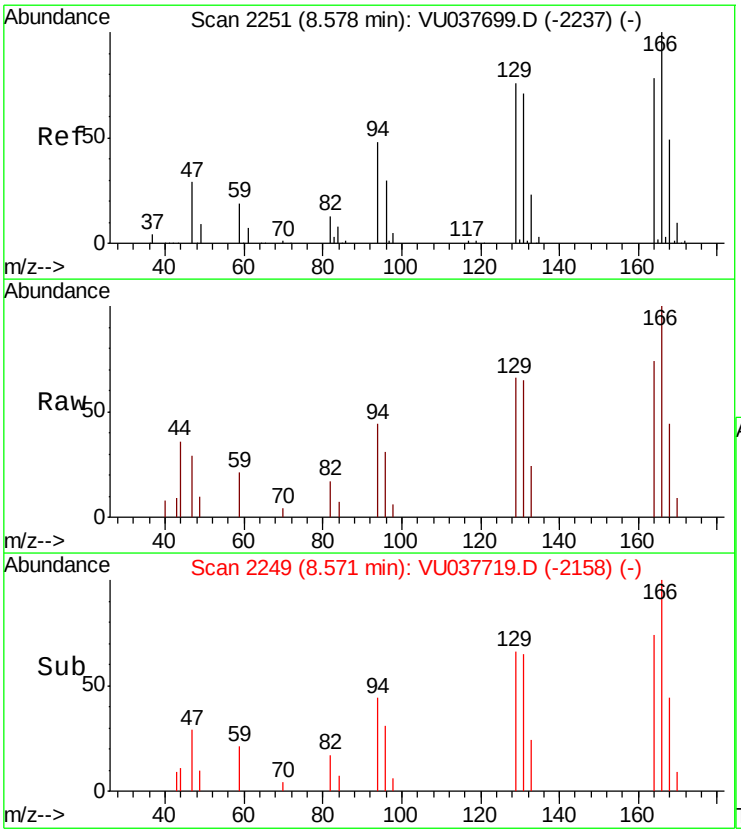

#39
cis-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.59 min Scan# 1945
Delta R.T. -0.04 min
Lab File: VU037719.D
Acq: 14 Apr 2020 23:59

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

Tgt Ion: 75 Resp: 3205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 56.8 | 22.2 | 41.2# |

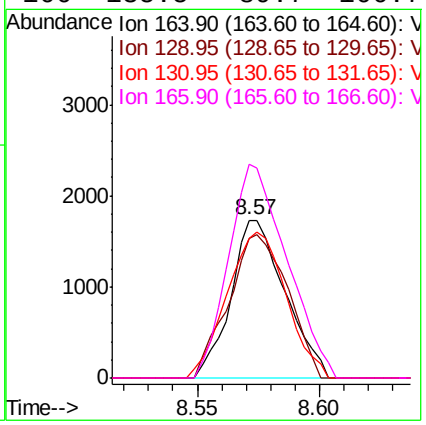


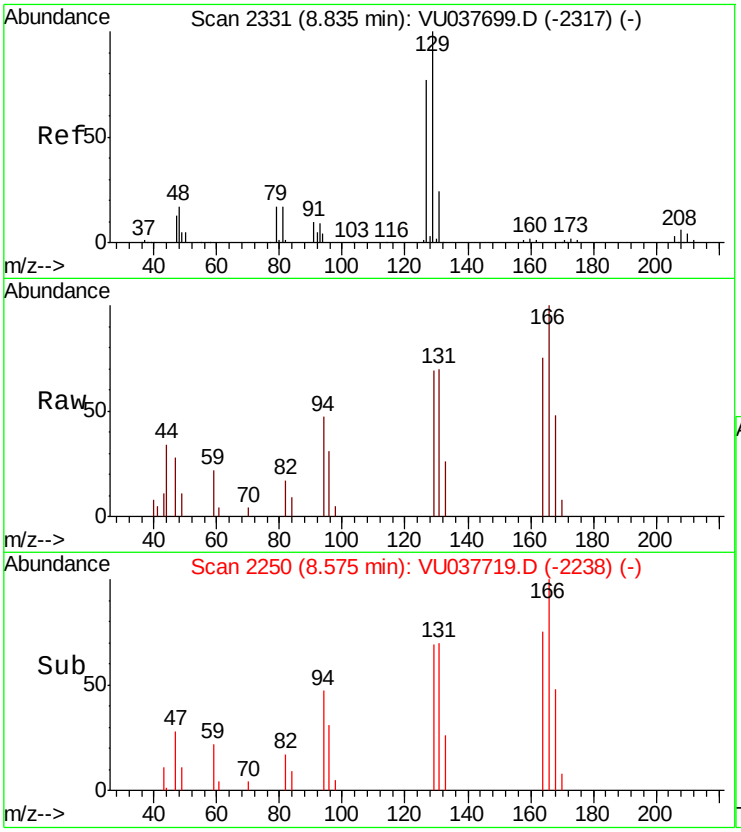




#47
Tetrachloroethene
Concen: 0.166 ug/L
RT: 8.57 min Scan# 2249
Delta R.T. -0.01 min
Lab File: VU037719.D
Acq: 14 Apr 2020 23:59

Tgt Ion:164 Resp: 2659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 129 | 88.9 | 68.1 | 126.5 |
| 131 | 88.4 | 65.9 | 122.5 |
| 166 | 135.5 | 89.7 | 166.7 |



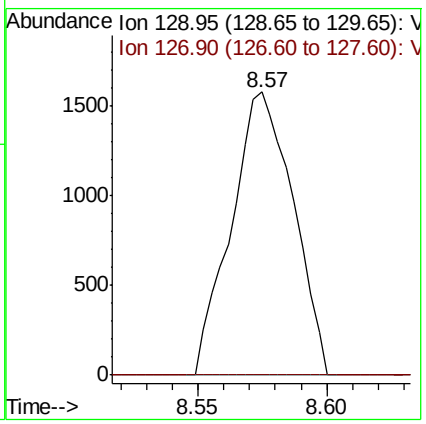


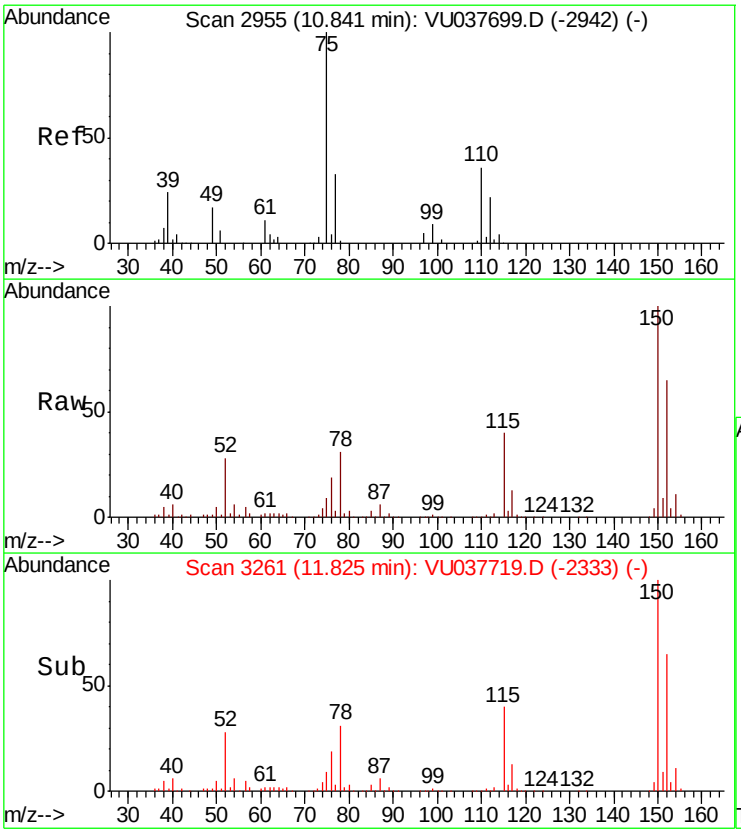

#49
Dibromochloromethane
Concen: 0.143 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.26 min
Lab File: VU037719.D
Acq: 14 Apr 2020 23:59

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

Tgt Ion:129 Resp: 2646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 0.0 | 53.3 | 98.9# |




#59
1,2,3-Trichloropropane
Concen: 1.215 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU037719.D
Acq: 14 Apr 2020 23:59

Tgt Ion: 75 Resp: 19092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 36.3 | 25.4 | 38.2 |