Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092920\
Data File : VU040369.D
Acq On : 29 Sep 2020 19:42
Operator : SY/MD
Sample : L4186-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BG0D4

Quant Time: Sep 30 02:56:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 30 02:48:48 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.26 | 114 | 129874 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.42 | 117 | 130665 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152 | 58802 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.60 | 65 | 28397 | 4.42 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 88.40% | | | |
| 7) Chloroethane-d5 | 1.92 | 69 | 27655 | 4.91 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 98.20% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.58 | 63 | 46252 | 2.99 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 59.80%# | | | |
| 20) 2-Butanone-d5 | 4.65 | 46 | 157961 | 49.46 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 98.92% | | | |
| 24) Chloroform-d | 5.08 | 84 | 72128 | 4.71 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 94.20% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.72 | 65 | 45913 | 4.93 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 98.60% | | | |
| 32) Benzene-d6 | 5.75 | 84 | 127301 | 4.85 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 97.00% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.70 | 67 | 47073 | 4.90 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 98.00% | | | |
| 41) Toluene-d8 | 7.91 | 98 | 97891 | 4.29 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 85.80% | | | |
| 43) trans-1,3-Dichloropropene- | 8.19 | 79 | 17537 | 4.47 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 89.40% | | | |
| 46) 2-Hexanone-d5 | 8.64 | 63 | 108777 | 47.16 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 94.32% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75 | 84 | 43621 | 4.67 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 93.40% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.19 | 152 | 46549 | 5.22 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 104.40% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.66 | 43 | 1889 | 0.710 | ug/L | 83 |
| 25) Chloroform | 5.10 | 83 | 2098 | 0.098 | ug/L # | 68 |
| 34) Trichloroethene | 6.27 | 95 | 2204 | 0.190 | ug/L # | 8 |
| 35) Methylcyclohexane | 6.70 | 83 | 10921 | 0.640 | ug/L # | 14 |
| 37) 1,2-Dichloropropane | 6.70 | 63 | 5511 | 0.452 | ug/L # | 88 |
| 39) cis-1,3-Dichloropropene | 7.58 | 75 | 1134 | 0.069 | ug/L # | 72 |
| 44) trans-1,3-Dichloropropene | 8.19 | 75 | 1027 | 0.068 | ug/L | 93 |
| 59) 1,2,3-Trichloropropane | 11.81 | 75 | 8497 | 0.961 | ug/L | 96 |

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

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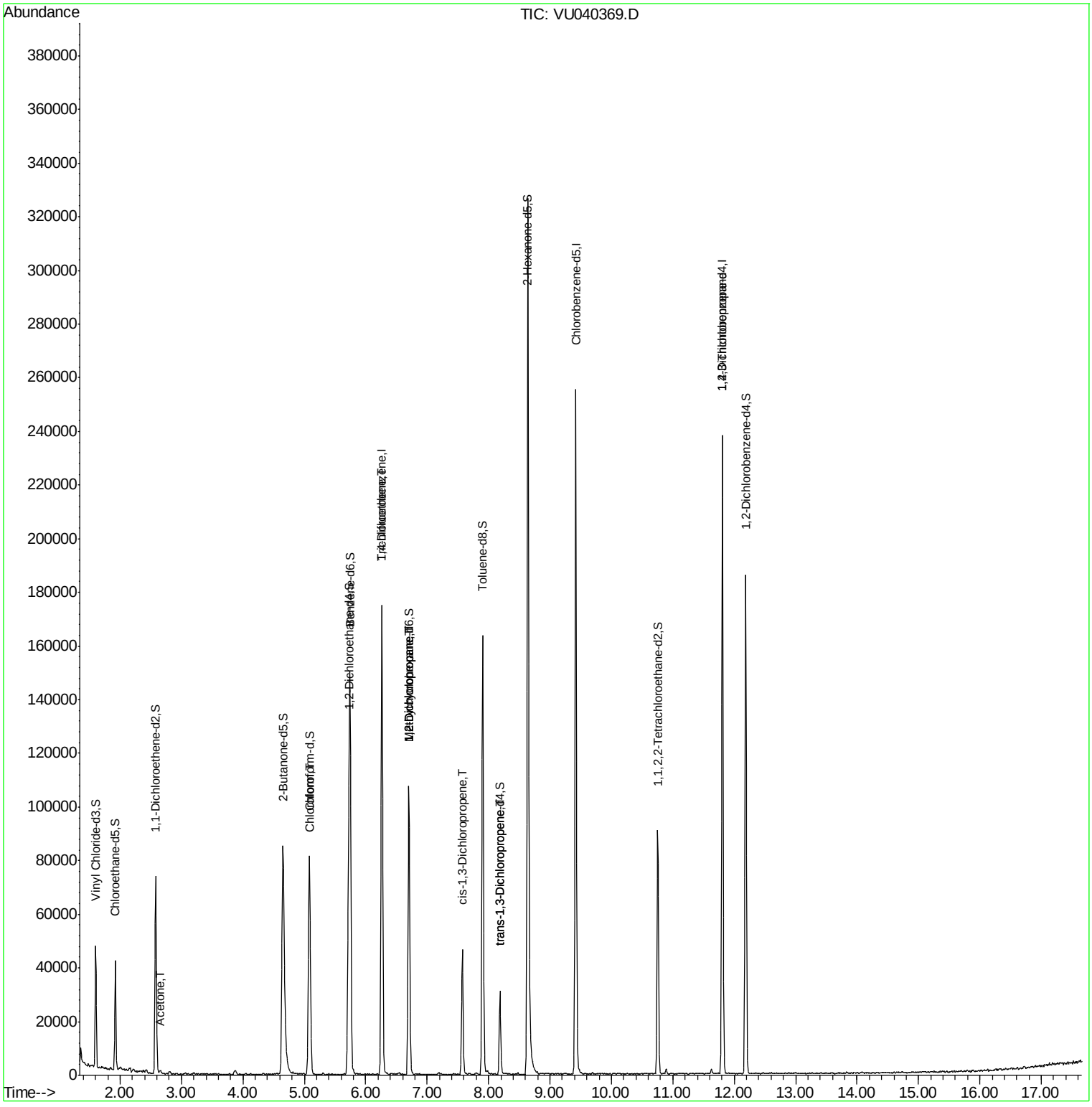
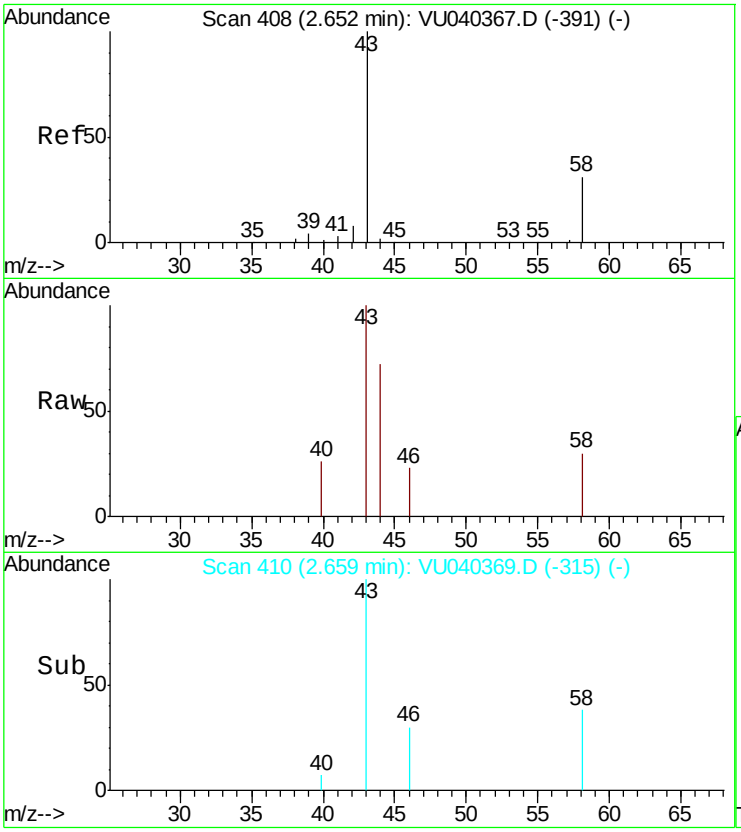
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 30 02:48:48 2020
Response via : Initial Calibration



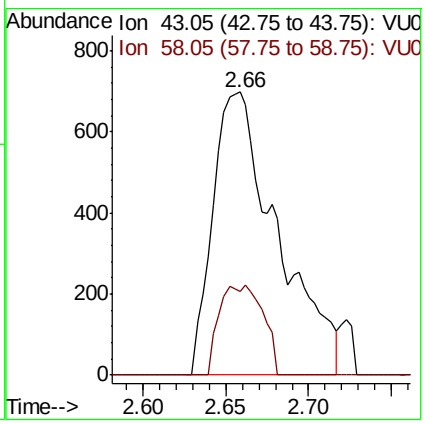


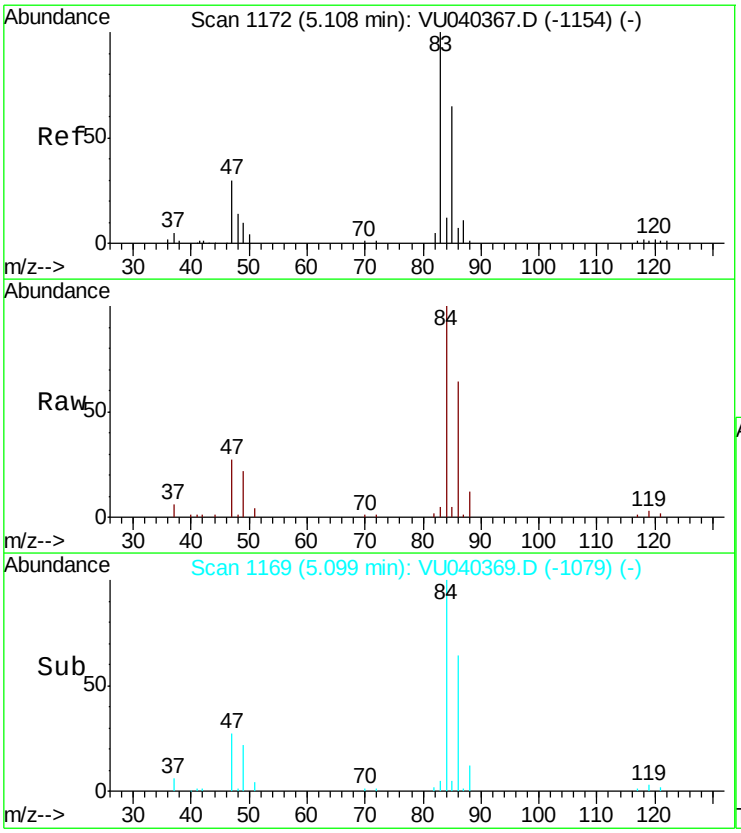

#13
Acetone
Concen: 0.710 ug/L
RT: 2.66 min Scan# 410
Delta R.T. 0.01 min
Lab File: VU040369.D
Acq: 29 Sep 2020 19:42

**Instrument :**
MSVOA_U
**ClientSampleId :**
BG0D4

Tgt Ion: 43 Resp: 1889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 21.4 | 0.0 | 61.8 |

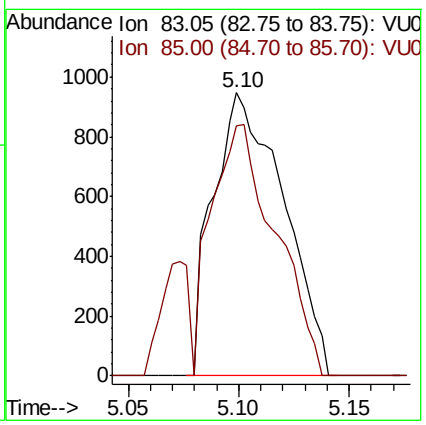


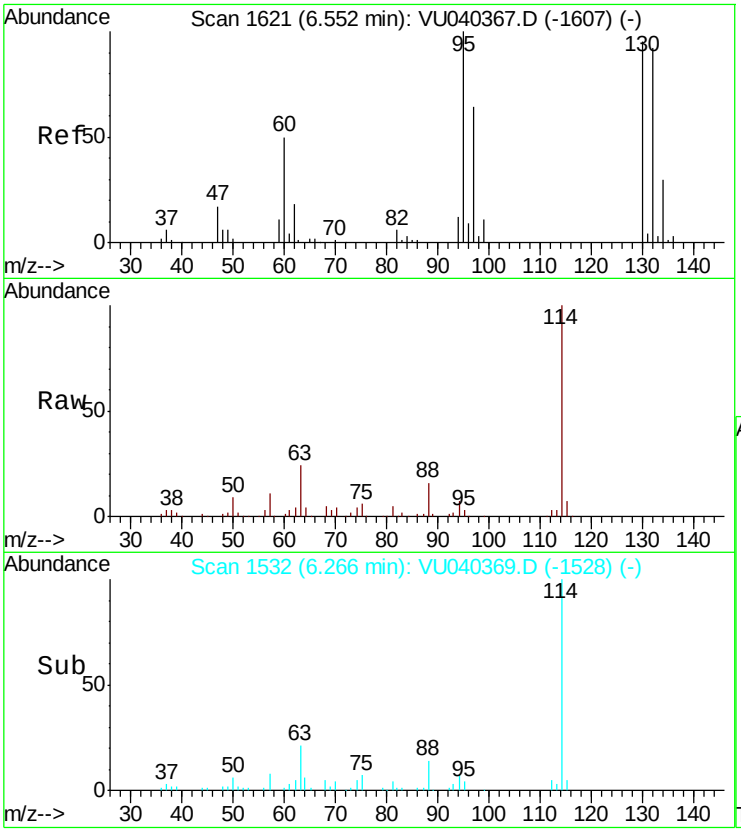




#25
Chloroform
Concen: 0.098 ug/L
RT: 5.10 min Scan# 1169
Delta R.T. -0.01 min
Lab File: VU040369.D
Acq: 29 Sep 2020 19:42

Tgt Ion: 83 Resp: 2098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 88.5 | 44.6 | 82.8# |



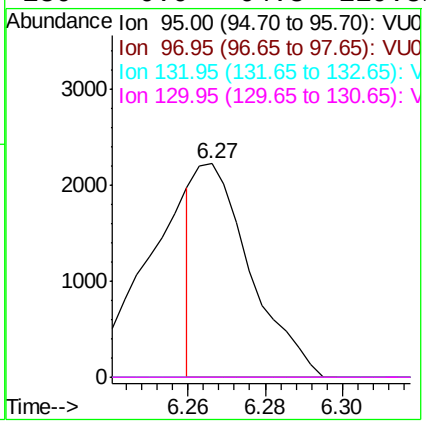


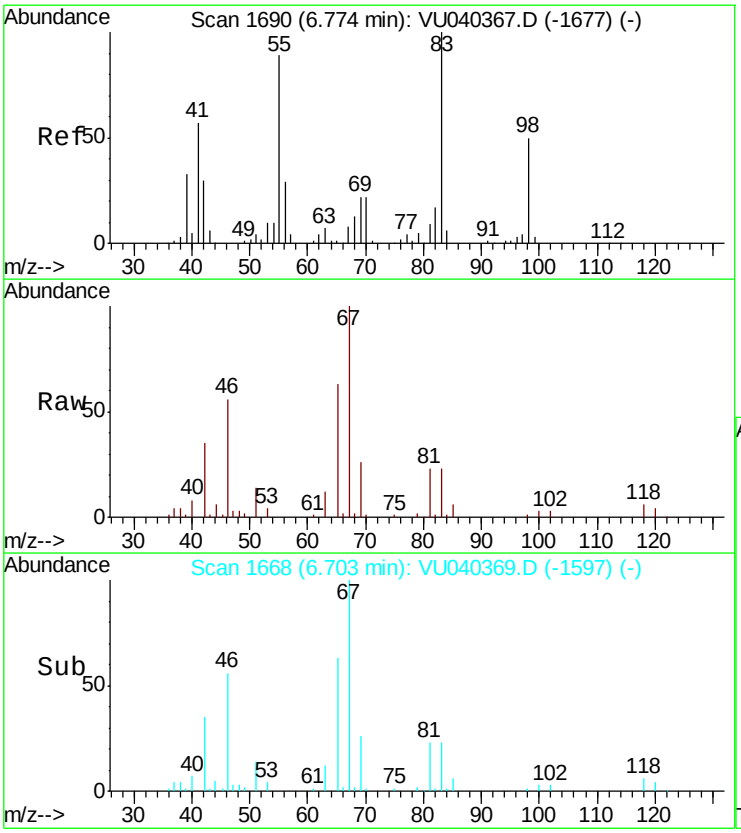

#34
Trichloroethene
Concen: 0.190 ug/L
RT: 6.27 min Scan# 1532
Delta R.T. -0.29 min
Lab File: VU040369.D
Acq: 29 Sep 2020 19:42

**Instrument :**
MSVOA_U
**ClientSampleId :**
BG0D4

Tgt Ion: 95 Resp: 2204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 97 | 0.0 | 46.3 | 85.9# |
| 132 | 0.0 | 60.5 | 112.3# |
| 130 | 0.0 | 64.3 | 119.3# |

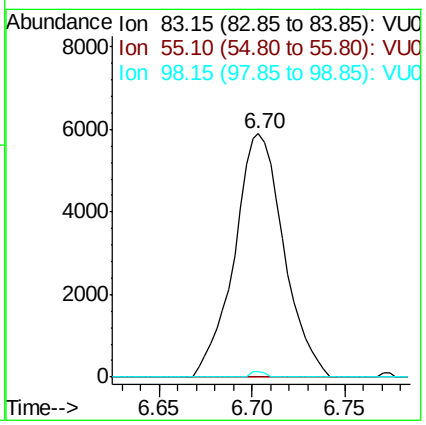


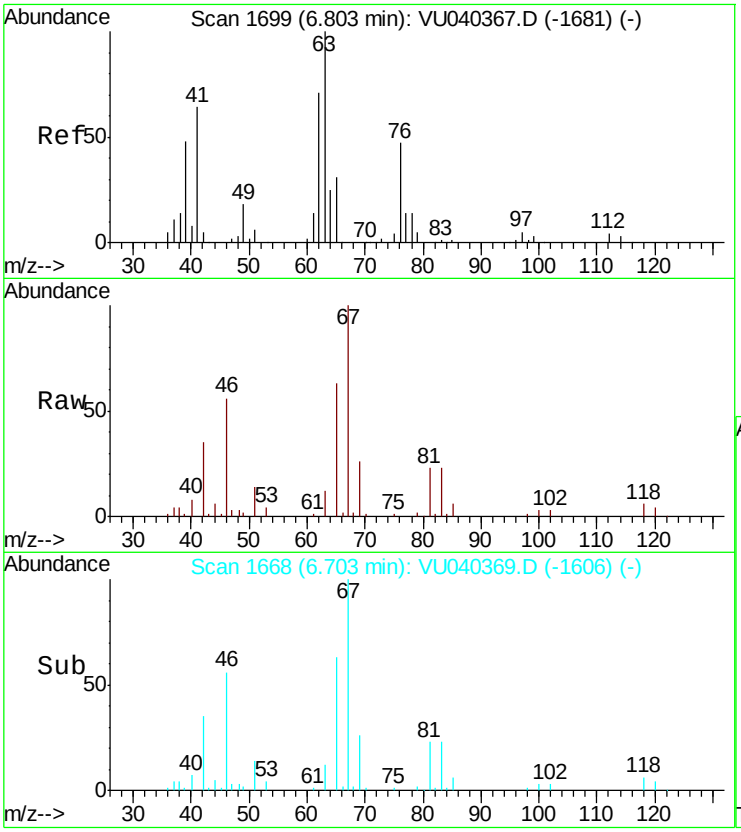




#35
Methylcyclohexane
Concen: 0.640 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040369.D
Acq: 29 Sep 2020 19:42

Tgt Ion: 83 Resp: 10921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 0.0 | 71.4 | 107.2# |
| 98 | 0.7 | 38.5 | 57.7# |



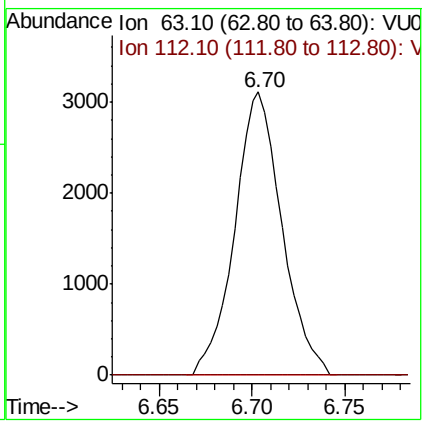


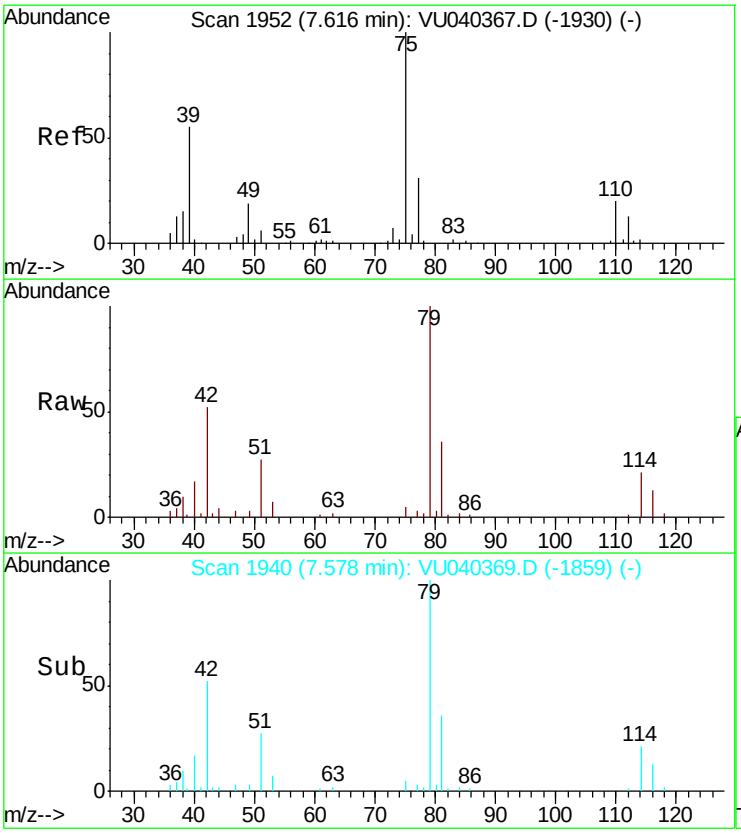

#37
1,2-Dichloropropane
Concen: 0.452 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040369.D
Acq: 29 Sep 2020 19:42

**Instrument :** MSVOA_U
**ClientSampleId :** BG0D4

Tgt Ion: 63 Resp: 5511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.2 | 4.8# |

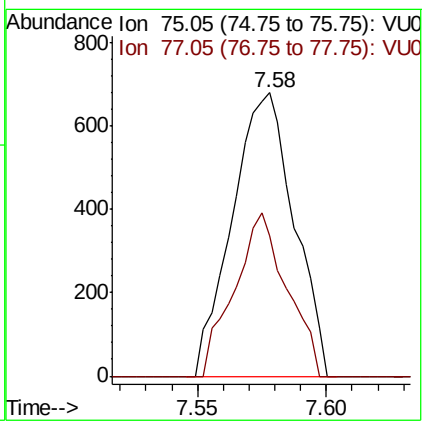


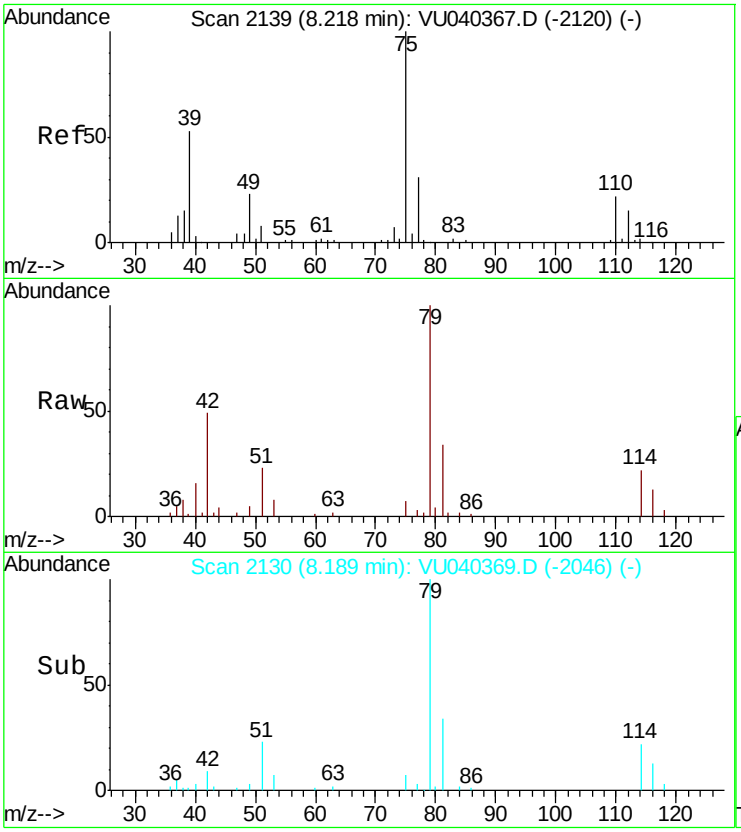




#39
cis-1,3-Dichloropropene
Concen: 0.069 ug/L
RT: 7.58 min Scan# 1940
Delta R.T. -0.04 min
Lab File: VU040369.D
Acq: 29 Sep 2020 19:42

Tgt Ion: 75 Resp: 1134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 49.5 | 23.5 | 43.7# |



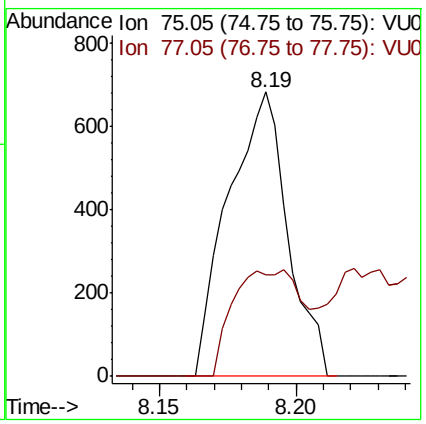


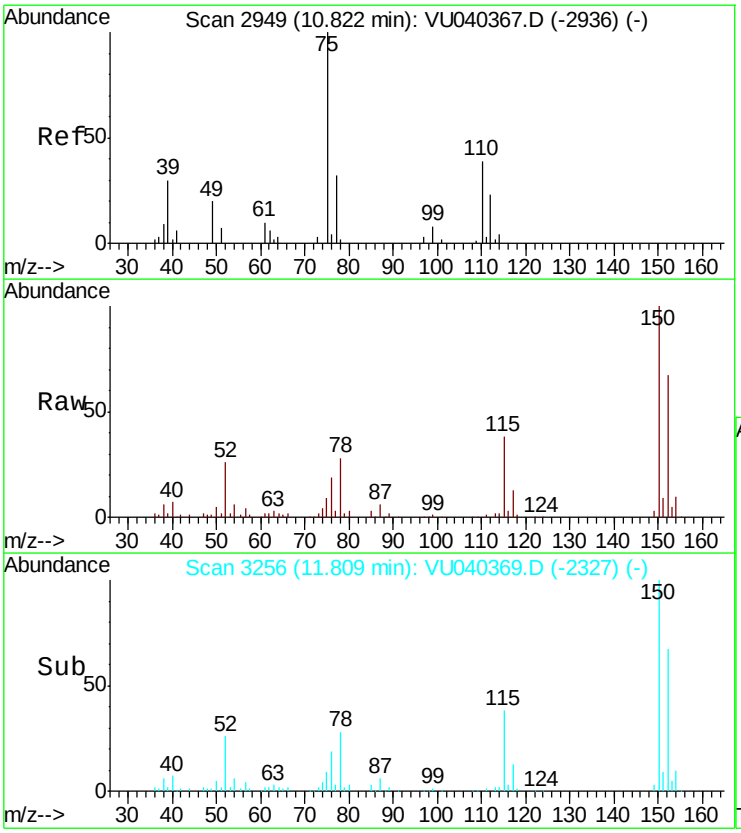

#44
trans-1,3-Dichloropropene
Concen: 0.068 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU040369.D
Acq: 29 Sep 2020 19:42

**Instrument :**
MSVOA_U
**ClientSampleId :**
BG0D4

Tgt Ion: 75 Resp: 1027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 35.5 | 22.3 | 41.3 |




#59
1,2,3-Trichloropropane
Concen: 0.961 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040369.D
Acq: 29 Sep 2020 19:42

Tgt Ion: 75 Resp: 8497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 34.5 | 25.7 | 38.5 |