Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060619\

Quantitation Report (Not Reviewed)

Data File : VU032490.D
Acq On : 06 Jun 2019 12:35
Operator : JC/SP
Sample : K3017-08ME
Misc : 4.66g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** A51E1ME

Quant Time: Jun 07 04:10:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 04:06:44 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.88 | 114 | 211002 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.09 | 117 | 201841 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152 | 112941 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.39 | 65 | 45658 | 33.35 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 66.70% | | | |
| 7) Chloroethane-d5 | 1.64 | 69 | 22096 | 20.09 | ug/L | -0.02 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 40.18%# | | | |
| 11) 1,1-Dichloroethene-d2 | 2.23 | 63 | 77853 | 29.05 | ug/L | -0.03 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 58.10%# | | | |
| 21) 2-Butanone-d5 | 4.19 | 46 | 110551 | 96.50 | ug/L | 0.02 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 96.50% | | | |
| 24) Chloroform-d | 4.64 | 84 | 107123 | 41.96 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 83.92% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.30 | 65 | 73541 | 45.72 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 91.44% | | | |
| 32) Benzene-d6 | 5.32 | 84 | 227677 | 43.45 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 86.90% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.32 | 67 | 73692 | 44.85 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 89.70% | | | |
| 41) Toluene-d8 | 7.56 | 98 | 219225 | 44.12 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 88.24% | | | |
| 43) trans-1,3-Dichloropropene- | 7.85 | 79 | 35286 | 44.88 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 89.76% | | | |
| 47) 2-Hexanone-d5 | 8.32 | 63 | 82721 | 103.79 | ug/L | 0.01 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 103.79% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43 | 84 | 115947 | 48.70 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 97.40% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.86 | 152 | 102691 | 47.47 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 94.94% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 12) 1,1-Dichloroethene | 2.23 | 96 | 840 | 0.671 | ug/L # | 1 |
| 13) Acetone | 2.34 | 43 | 5511 | 4.662 | ug/L | 99 |
| 15) Methyl Acetate | 2.62 | 43 | 21929 | 12.993 | ug/L | 98 |
| 37) 1,2-Dichloropropane | 6.32 | 63 | 8057 | 5.359 | ug/L # | 88 |
| 39) cis-1,3-Dichloropropene | 7.22 | 75 | 2354 | 0.992 | ug/L # | 83 |
| 44) trans-1,3-Dichloropropene | 7.85 | 75 | 1832 | 0.870 | ug/L | 93 |
| 48) 2-Hexanone | 8.32 | 43 | 9795 | 4.931 | ug/L # | 70 |
| 59) 1,2,3-Trichloropropane | 11.48 | 75 | 12637 | 6.466 | ug/L # | 86 |

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

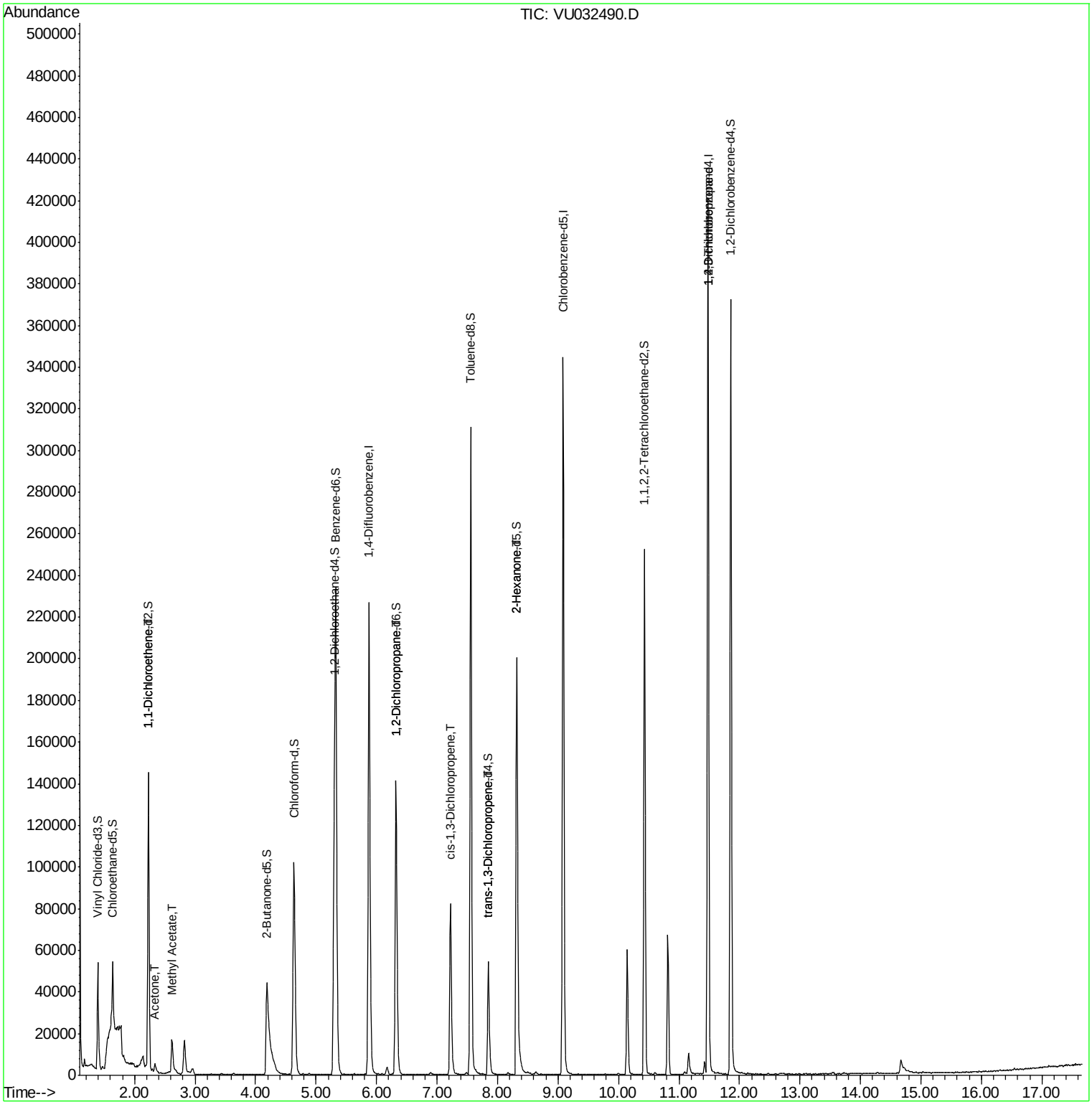
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060619\

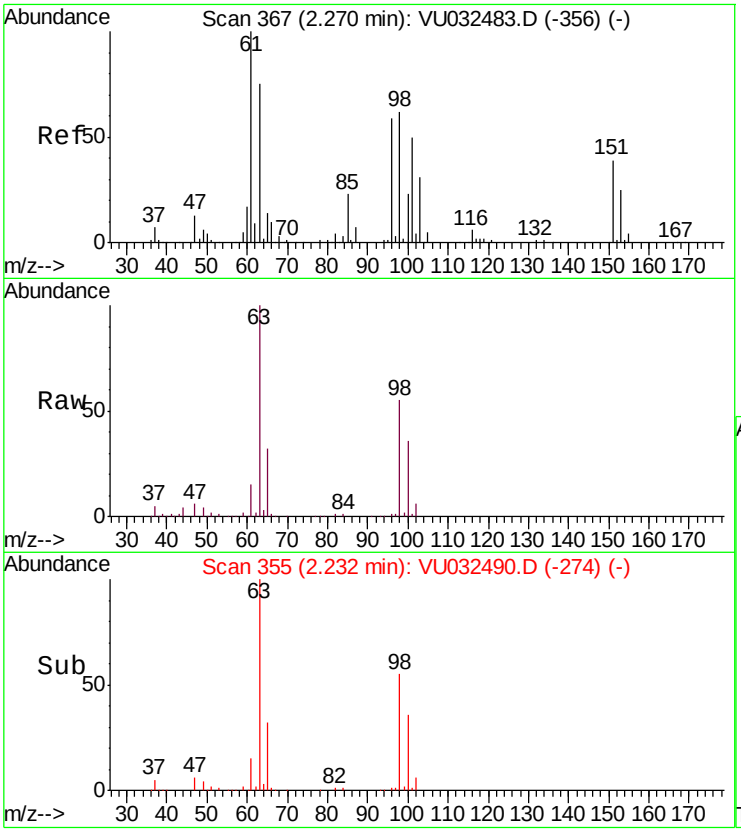
Quantitation Report (Not Reviewed)

Data File : VU032490.D
Acq On : 06 Jun 2019 12:35
Operator : JC/SP
Sample : K3017-08ME
Misc : 4.66g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** A51E1ME

Quant Time: Jun 07 04:10:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 04:06:44 2019
Response via : Initial Calibration



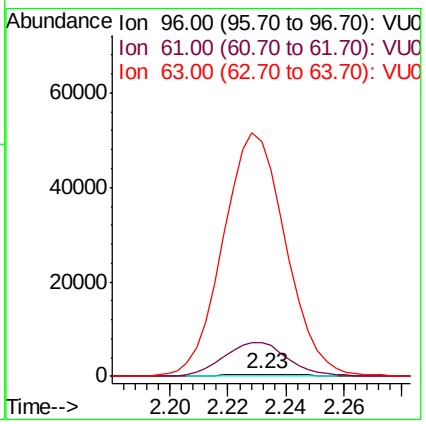


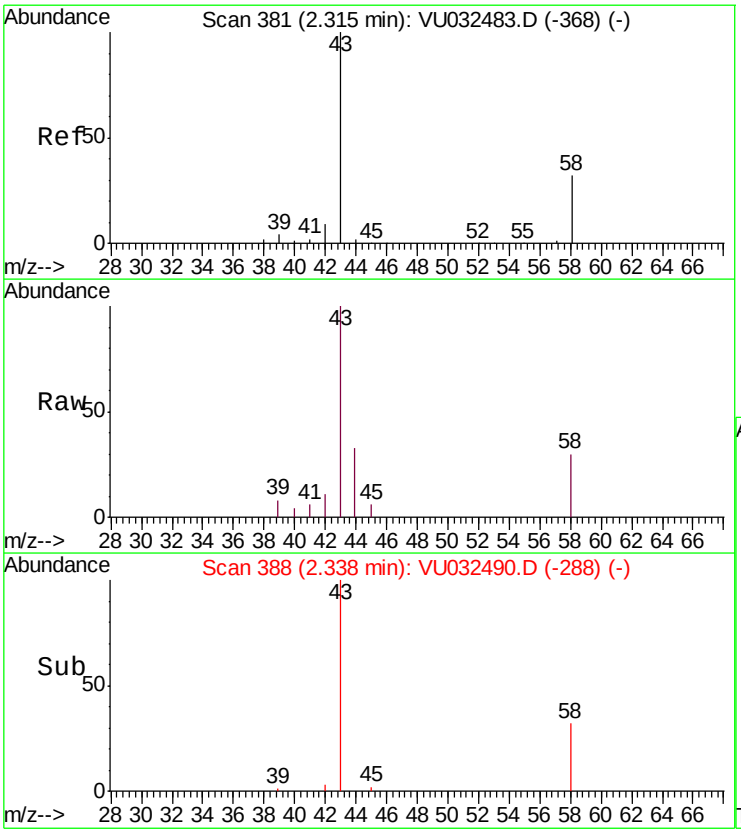

#12
1,1-Dichloroethene
Concen: 0.671 ug/L
RT: 2.23 min Scan# 355
Delta R.T. -0.04 min
Lab File: VU032490.D
Acq: 06 Jun 2019 12:35

**Instrument :** MSVOA_U
**ClientSampleId :** A51E1ME

Tgt Ion: 96 Resp: 840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 1555.7 | 129.5 | 240.5# |
| 63 | 10711.4 | 103.4 | 192.0# |

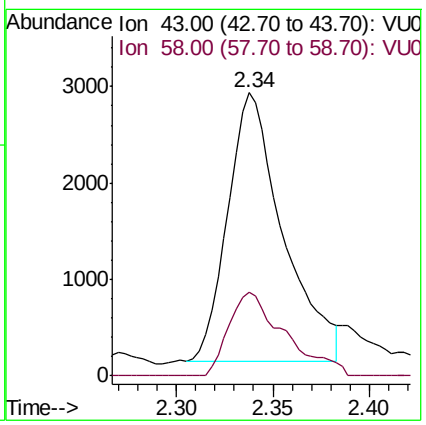


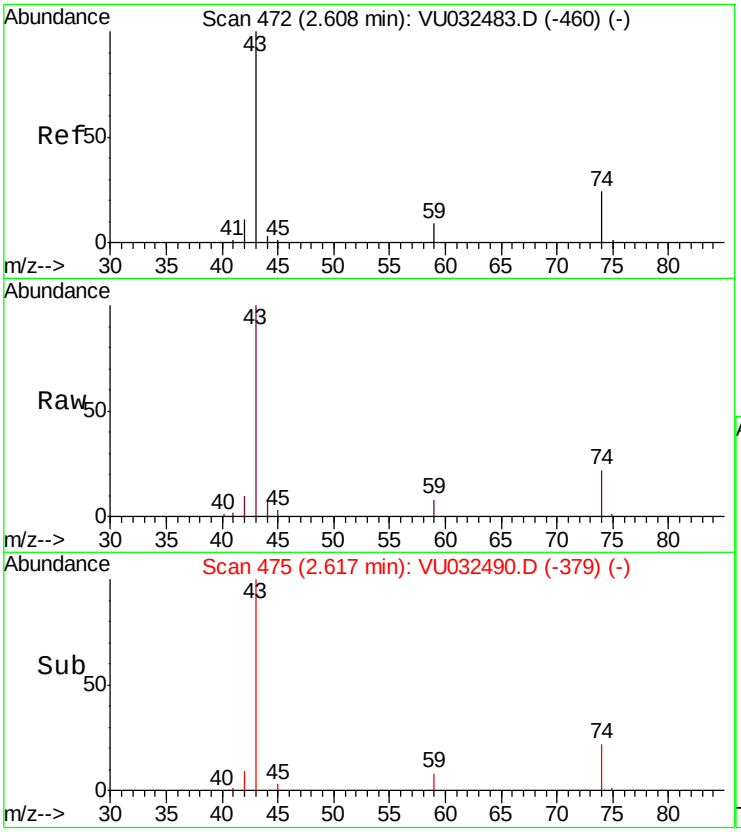




#13
Acetone
Concen: 4.662 ug/L
RT: 2.34 min Scan# 388
Delta R.T. 0.02 min
Lab File: VU032490.D
Acq: 06 Jun 2019 12:35

Tgt Ion: 43 Resp: 5511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.7 | 0.0 | 64.0 |



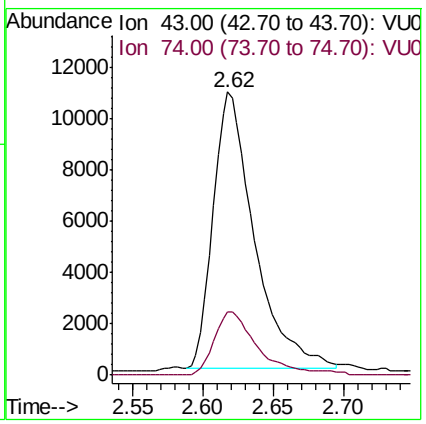


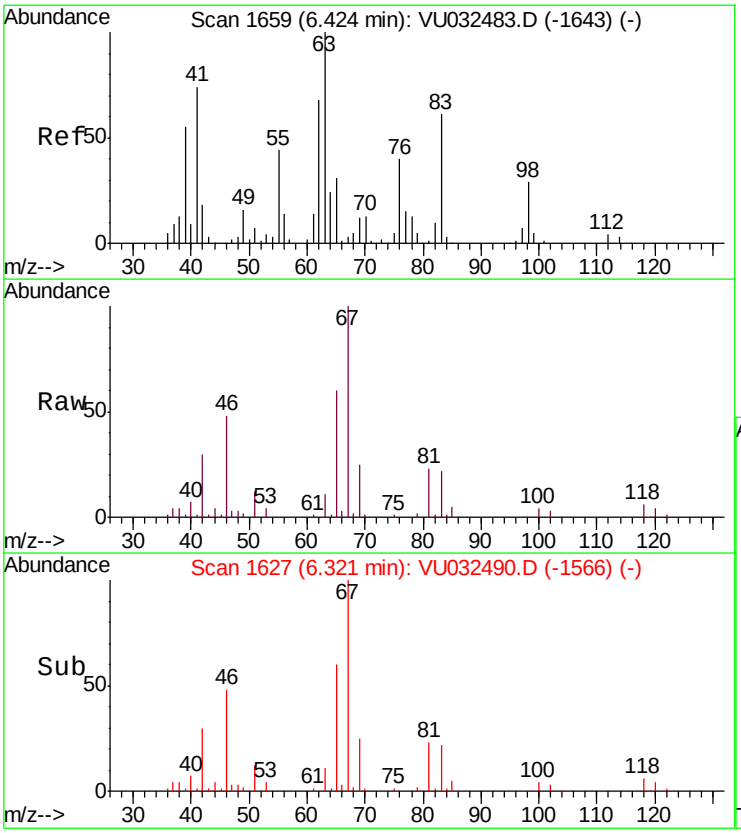

#15
Methyl Acetate
Concen: 12.993 ug/L
RT: 2.62 min Scan# 475
Delta R.T. 0.01 min
Lab File: VU032490.D
Acq: 06 Jun 2019 12:35

**Instrument :**
MSVOA_U
**ClientSampleId :**
A51E1ME

Tgt Ion: 43 Resp: 21929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 23.6 | 18.0 | 27.0 |

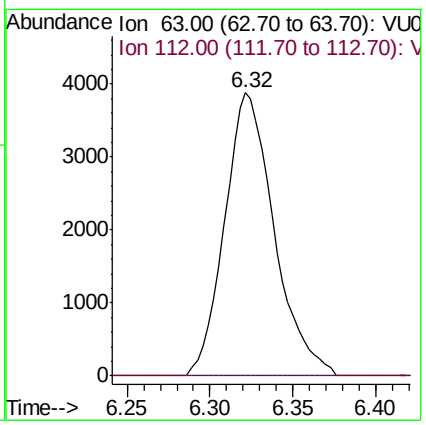


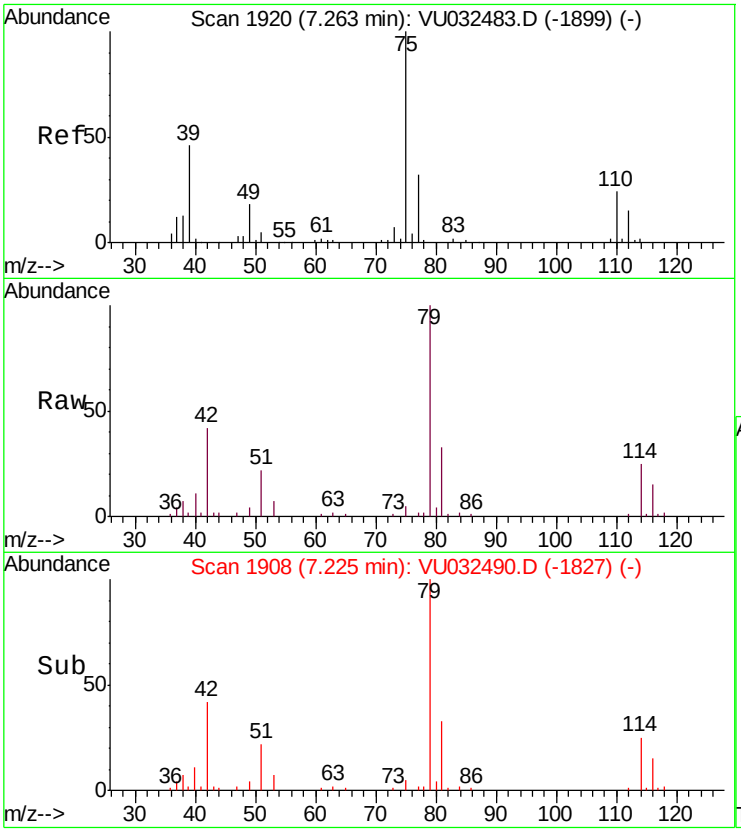




#37
1,2-Dichloropropane
Concen: 5.359 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.10 min
Lab File: VU032490.D
Acq: 06 Jun 2019 12:35

Tgt Ion: 63 Resp: 8057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 112 | 0.0 | 3.1 | 4.7# |



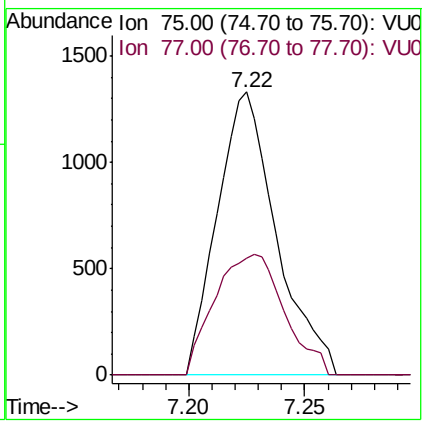


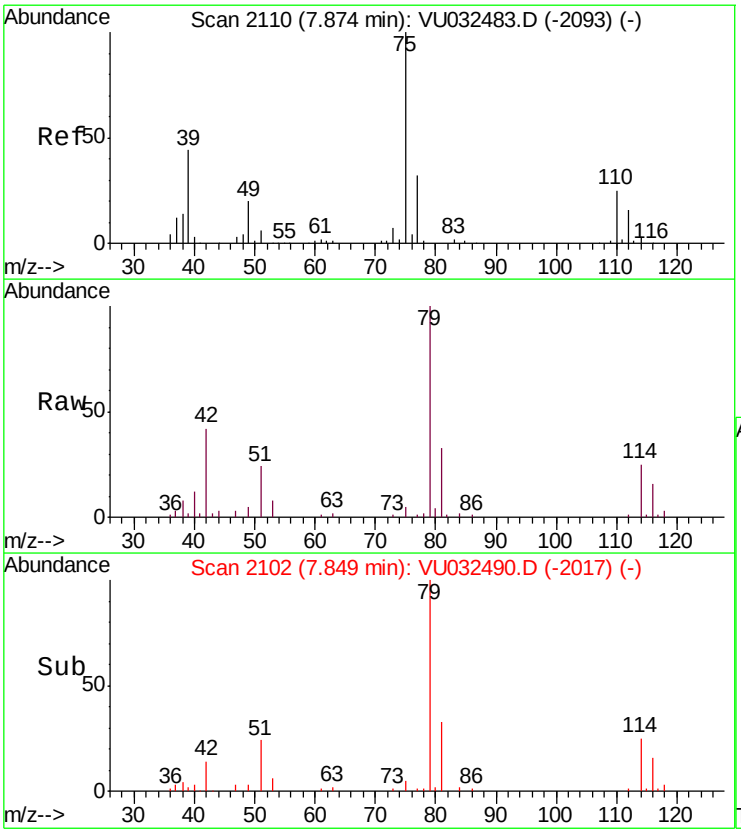

#39
cis-1,3-Dichloropropene
Concen: 0.992 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032490.D
Acq: 06 Jun 2019 12:35

**Instrument :**
MSVOA_U
**ClientSampleId :**
A51E1ME

Tgt Ion: 75 Resp: 2354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 41.1 | 22.0 | 41.0# |

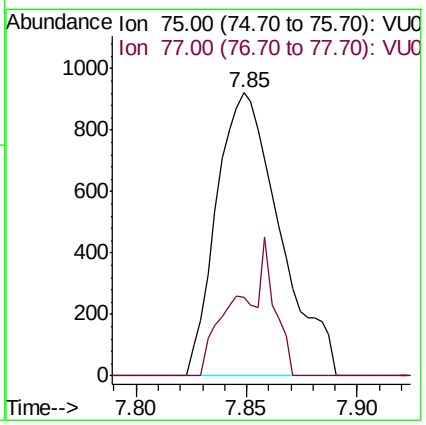


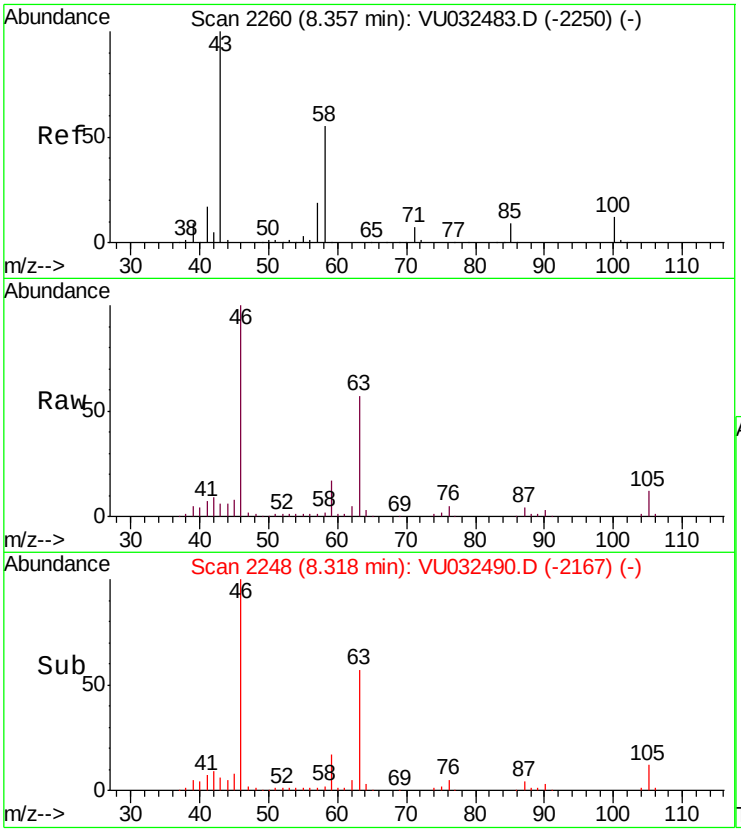




#44
trans-1,3-Dichloropropene
Concen: 0.870 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032490.D
Acq: 06 Jun 2019 12:35

Tgt Ion: 75 Resp: 1832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 27.7 | 22.1 | 41.1 |



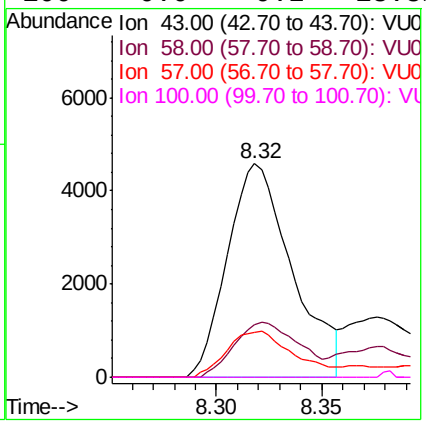


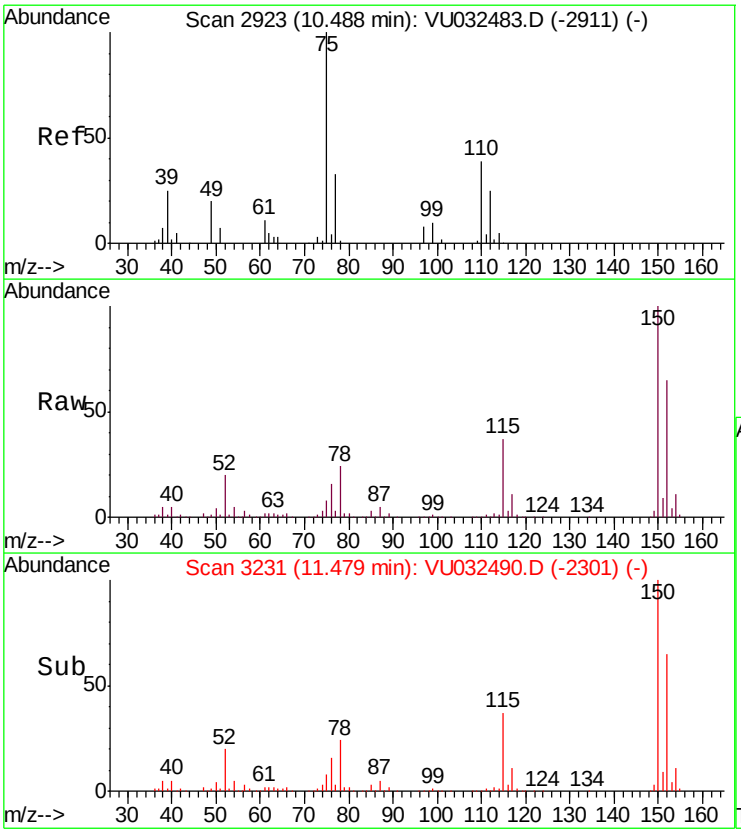

#48
2-Hexanone
Concen: 4.931 ug/L
RT: 8.32 min Scan# 2248
Delta R.T. -0.04 min
Lab File: VU032490.D
Acq: 06 Jun 2019 12:35

**Instrument :** MSVOA_U
**ClientSampleId :** A51E1ME

Tgt Ion: 43 Resp: 9795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 25.6 | 42.0 | 63.0# |
| 57 | 22.2 | 14.6 | 22.0# |
| 100 | 0.0 | 9.2 | 13.8# |




#59
1,2,3-Trichloropropane
Concen: 6.466 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032490.D
Acq: 06 Jun 2019 12:35

Tgt Ion: 75 Resp: 12637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 40.1 | 25.6 | 38.4# |