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

Quantitation Report (Not Reviewed)

Data File : VU032508.D
Acq On : 06 Jun 2019 19:37
Operator : JC/SP
Sample : K3213-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** DB8L0

Quant Time: Jun 07 05:52:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 05:48:54 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.88 | 114 | 216808 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.08 | 117 | 200716 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152 | 103232 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.40 | 65 | 47711 | 33.92 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 67.84% | | | |
| 7) Chloroethane-d5 | 1.68 | 69 | 43573 | 38.55 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 77.10% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.27 | 63 | 78306 | 28.43 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 56.86%# | | | |
| 21) 2-Butanone-d5 | 4.17 | 46 | 110865 | 94.18 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 94.18% | | | |
| 24) Chloroform-d | 4.64 | 84 | 116409 | 44.37 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 88.74% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.30 | 65 | 78452 | 47.47 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 94.94% | | | |
| 32) Benzene-d6 | 5.33 | 84 | 242198 | 46.48 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 92.96% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.32 | 67 | 78083 | 47.79 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 95.58% | | | |
| 41) Toluene-d8 | 7.56 | 98 | 230752 | 46.70 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 93.40% | | | |
| 43) trans-1,3-Dichloropropene- | 7.85 | 79 | 35691 | 45.64 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 91.28% | | | |
| 47) 2-Hexanone-d5 | 8.31 | 63 | 74383 | 93.85 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 93.85% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43 | 84 | 115024 | 48.58 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 97.16% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.85 | 152 | 98894 | 50.02 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 100.04% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.32 | 43 | 1319 | 1.086 | ug/L | 70 |
| 27) 1,2-Dichloroethane | 5.34 | 62 | 1322 | 0.638 | ug/L # | 75 |
| 37) 1,2-Dichloropropane | 6.32 | 63 | 8719 | 5.832 | ug/L # | 88 |
| 39) cis-1,3-Dichloropropene | 7.22 | 75 | 2349 | 0.996 | ug/L # | 68 |
| 40) 4-Methyl-2-pentanone | 7.56 | 43 | 1216 | 0.506 | ug/L # | 1 |
| 44) trans-1,3-Dichloropropene | 7.85 | 75 | 1437 | 0.686 | ug/L | 85 |
| 48) 2-Hexanone | 8.36 | 43 | 4695 | 2.377 | ug/L # | 92 |
| 59) 1,2,3-Trichloropropane | 11.48 | 75 | 12001 | 6.175 | ug/L | 91 |

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

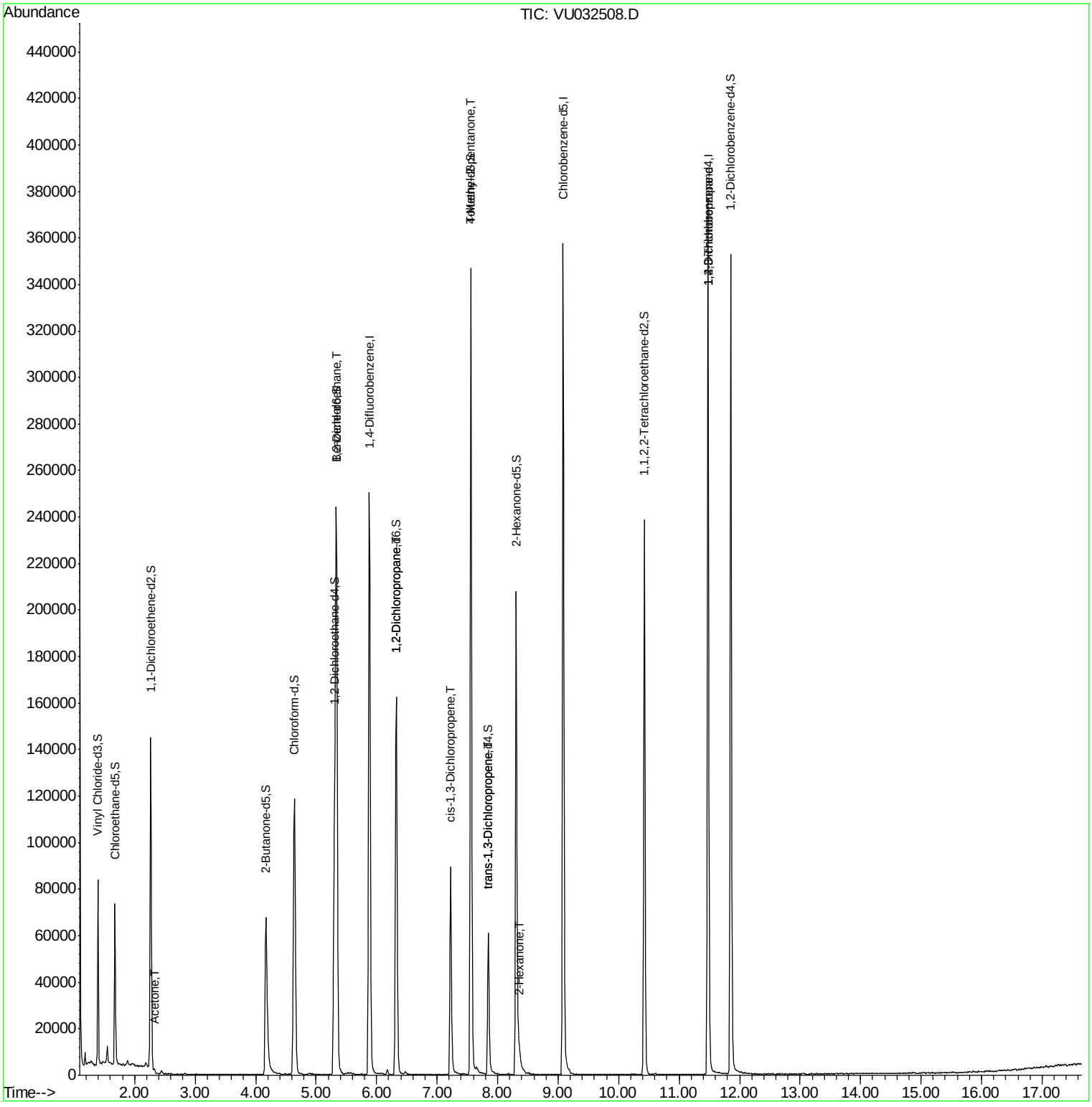
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060619\

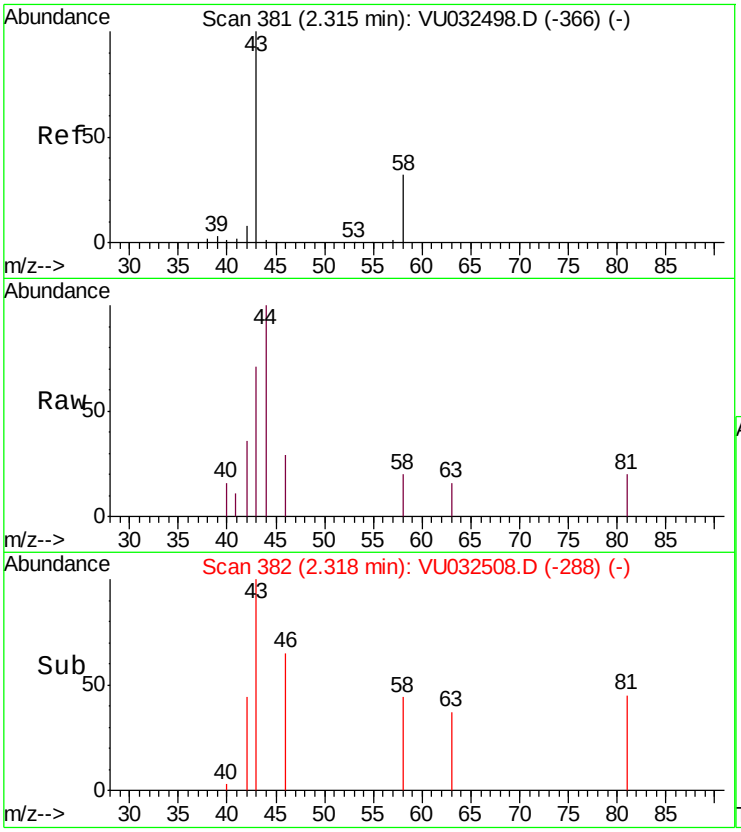
Quantitation Report (Not Reviewed)

Data File : VU032508.D
Acq On : 06 Jun 2019 19:37
Operator : JC/SP
Sample : K3213-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** DB8L0

Quant Time: Jun 07 05:52:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 05:48:54 2019
Response via : Initial Calibration



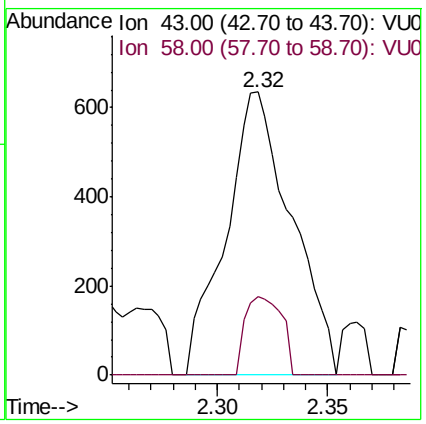


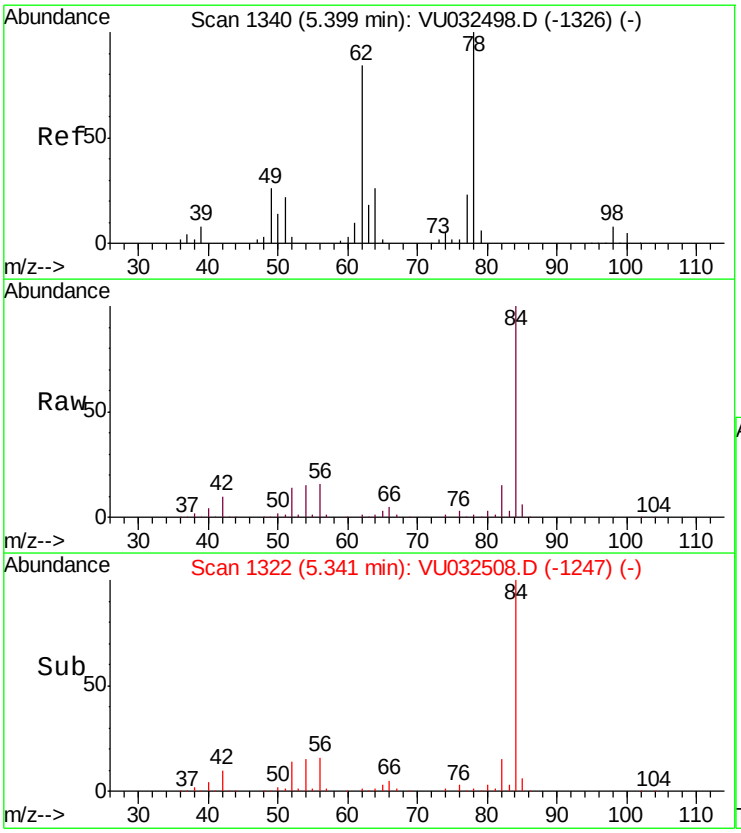

#13
Acetone
Concen: 1.086 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032508.D
Acq: 06 Jun 2019 19:37

**Instrument :**
MSVOA_U
**ClientSampleId :**
DB8L0

Tgt Ion: 43 Resp: 1319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 15.5 | 0.0 | 64.0 |

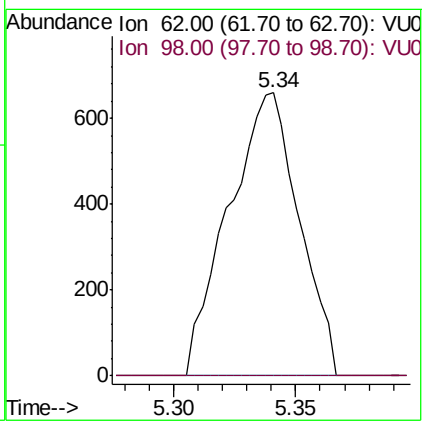


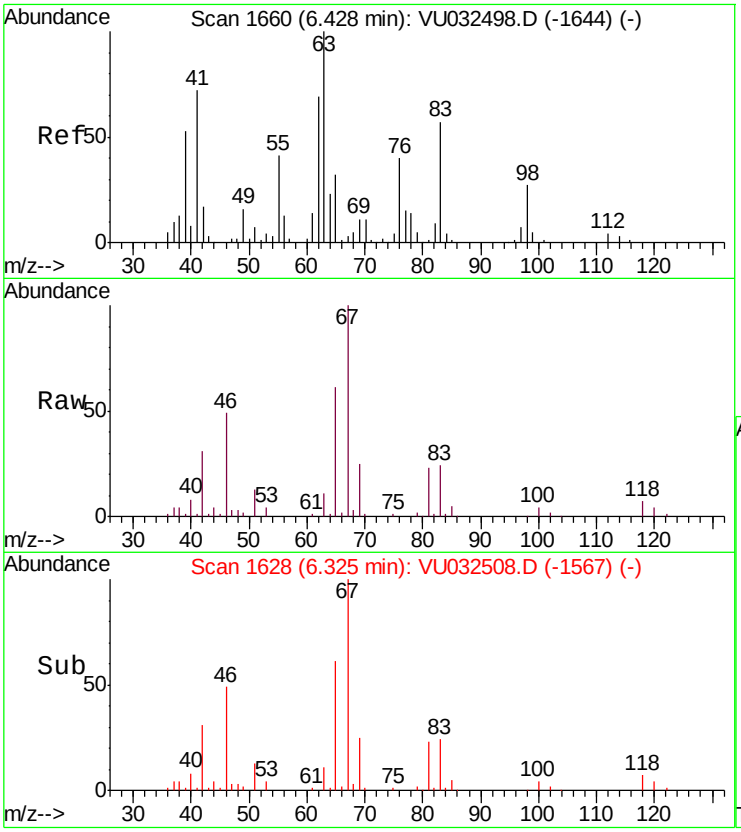




#27
1,2-Dichloroethane
Concen: 0.638 ug/L
RT: 5.34 min Scan# 1322
Delta R.T. -0.06 min
Lab File: VU032508.D
Acq: 06 Jun 2019 19:37

Tgt Ion: 62 Resp: 1322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 0.0 | 7.2 | 10.8# |



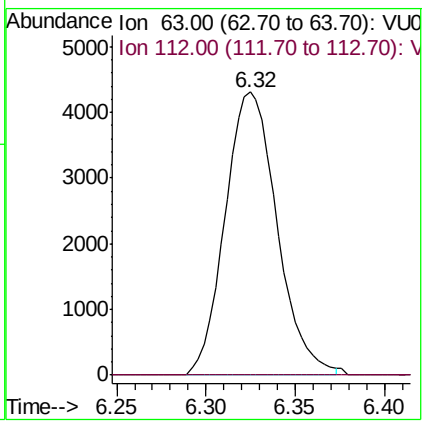


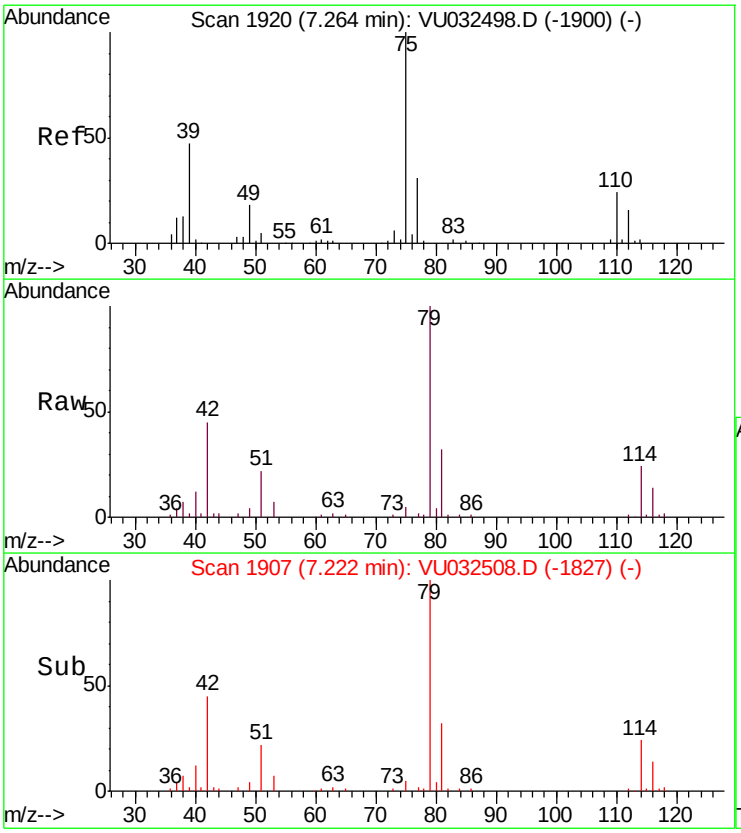

#37
1,2-Dichloropropane
Concen: 5.832 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032508.D
Acq: 06 Jun 2019 19:37

**Instrument :** MSVOA_U
**ClientSampleId :** DB8L0

Tgt Ion: 63 Resp: 8719

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

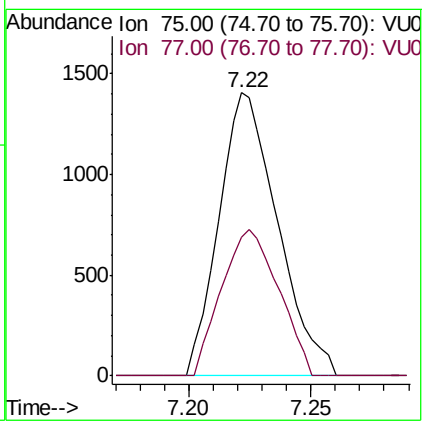


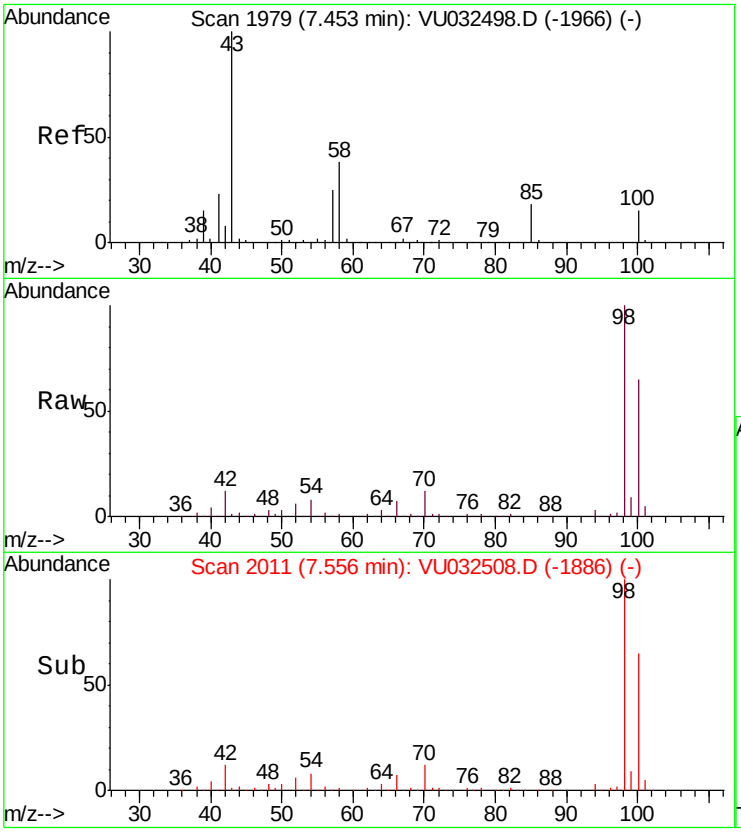




#39
cis-1,3-Dichloropropene
Concen: 0.996 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032508.D
Acq: 06 Jun 2019 19:37

Tgt Ion: 75 Resp: 2349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 49.1 | 22.0 | 41.0# |



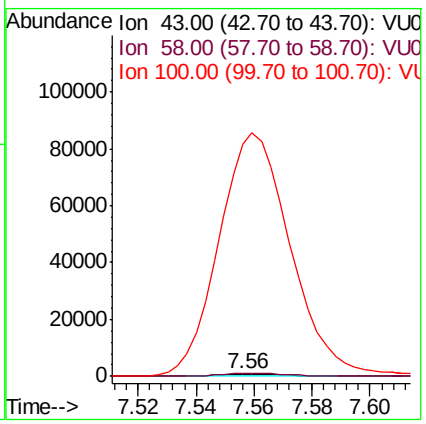


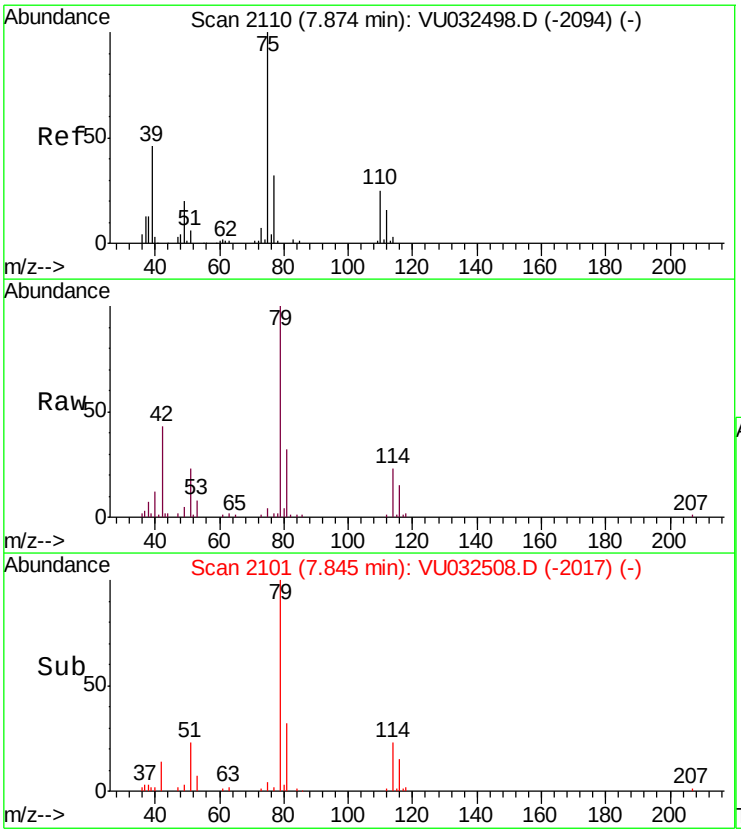

#40
4-Methyl-2-pentanone
Concen: 0.506 ug/L
RT: 7.56 min Scan# 2011
Delta R.T. 0.10 min
Lab File: VU032508.D
Acq: 06 Jun 2019 19:37

**Instrument :** MSVOA_U
**ClientSampleId :** DB8L0

Tgt Ion: 43 Resp: 1216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 152.0 | 30.8 | 46.2# |
| 100 | 12152.6 | 12.1 | 18.1# |

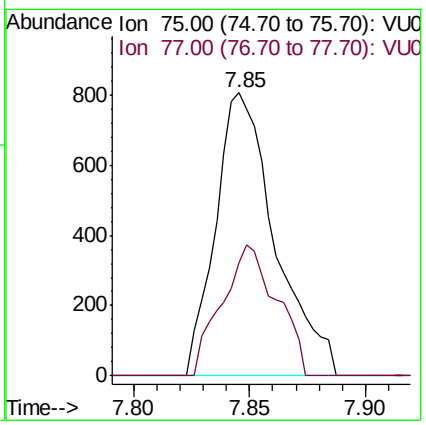


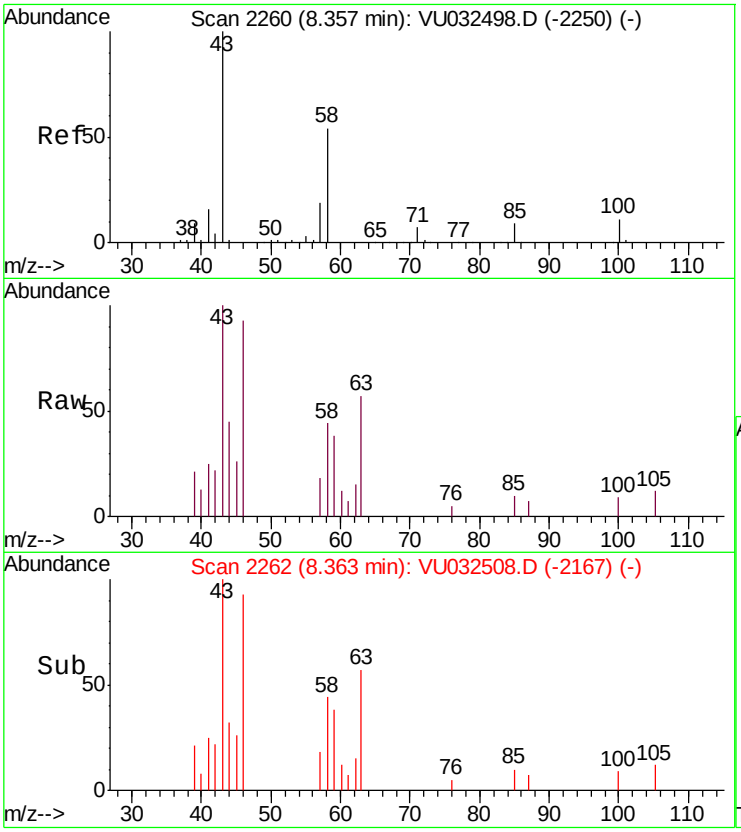




#44
trans-1,3-Dichloropropene
Concen: 0.686 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032508.D
Acq: 06 Jun 2019 19:37

Tgt Ion: 75 Resp: 1437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 40.1 | 22.1 | 41.1 |



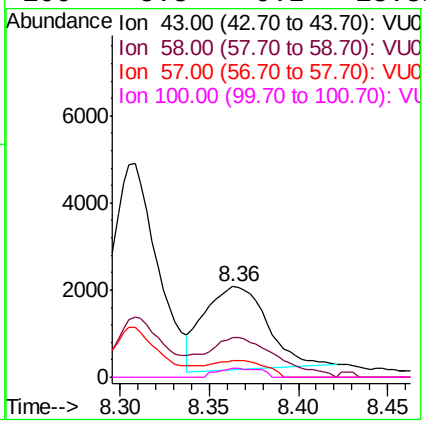


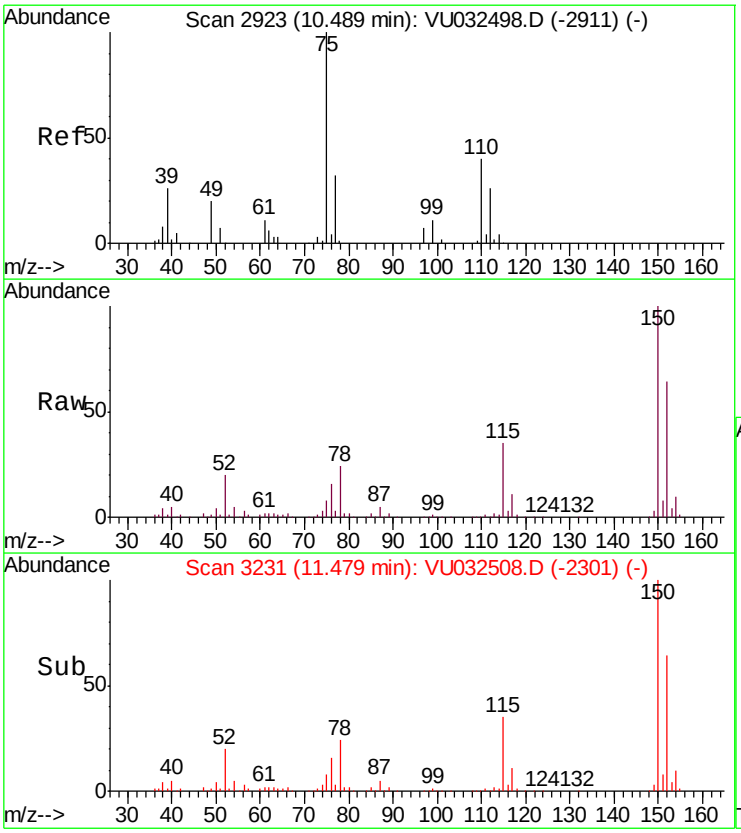

#48
2-Hexanone
Concen: 2.377 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032508.D
Acq: 06 Jun 2019 19:37

**Instrument :** MSVOA_U
**ClientSampleId :** DB8L0

Tgt Ion: 43 Resp: 4695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 47.4 | 42.0 | 63.0 |
| 57 | 16.4 | 14.6 | 22.0 |
| 100 | 5.3 | 9.2 | 13.8# |




#59
1,2,3-Trichloropropane
Concen: 6.175 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032508.D
Acq: 06 Jun 2019 19:37

Tgt Ion: 75 Resp: 12001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 36.8 | 25.6 | 38.4 |