Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080219\

Quantitation Report (Not Reviewed)

Data File : VU033558.D
Acq On : 02 Aug 2019 09:57
Operator : JC/SP
Sample : VU0802MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VBLK39

Quant Time: Aug 03 00:41:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 03 00:39:04 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.86 | 114 | 299074 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.07 | 117 | 292112 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152 | 134082 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.39 | 65 | 79400 | 36.51 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 73.02% | | | |
| 7) Chloroethane-d5 | 1.67 | 69 | 87853 | 47.09 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 94.18% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.26 | 63 | 112606 | 28.53 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 57.06%# | | | |
| 21) 2-Butanone-d5 | 4.16 | 46 | 151309 | 105.06 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 105.06% | | | |
| 24) Chloroform-d | 4.62 | 84 | 160167 | 43.94 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 87.88% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.29 | 65 | 104607 | 45.32 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 90.64% | | | |
| 32) Benzene-d6 | 5.32 | 84 | 308738 | 42.64 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 85.28% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.31 | 67 | 104029 | 45.83 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 91.66% | | | |
| 41) Toluene-d8 | 7.55 | 98 | 267986 | 39.49 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 78.98%# | | | |
| 43) trans-1,3-Dichloropropene- | 7.83 | 79 | 46794 | 41.56 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 83.12% | | | |
| 47) 2-Hexanone-d5 | 8.30 | 63 | 107267 | 99.53 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 99.53% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41 | 84 | 162614 | 46.46 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 92.92% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.85 | 152 | 109479 | 44.59 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 89.18% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 40) 4-Methyl-2-pentanone | 7.45 | 43 | 1798 | 0.577 | ug/L # | 78 |
| 44) trans-1,3-Dichloropropene | 7.84 | 75 | 2240 | 0.704 | ug/L | 88 |
| 48) 2-Hexanone | 8.36 | 43 | 2959 | 1.175 | ug/L # | 64 |
| 59) 1,2,3-Trichloropropane | 11.47 | 75 | 16401 | 5.509 | ug/L | 96 |
| 68) 1,2,4-trichlorobenzene | 13.51 | 180 | 1096 | 0.386 | ug/L | 94 |
| 69) Naphthalene | 13.74 | 128 | 3227 | 0.396 | ug/L | 99 |
| 70) 1,2,3-Trichlorobenzene | 13.99 | 180 | 1747 | 0.585 | ug/L # | 75 |

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

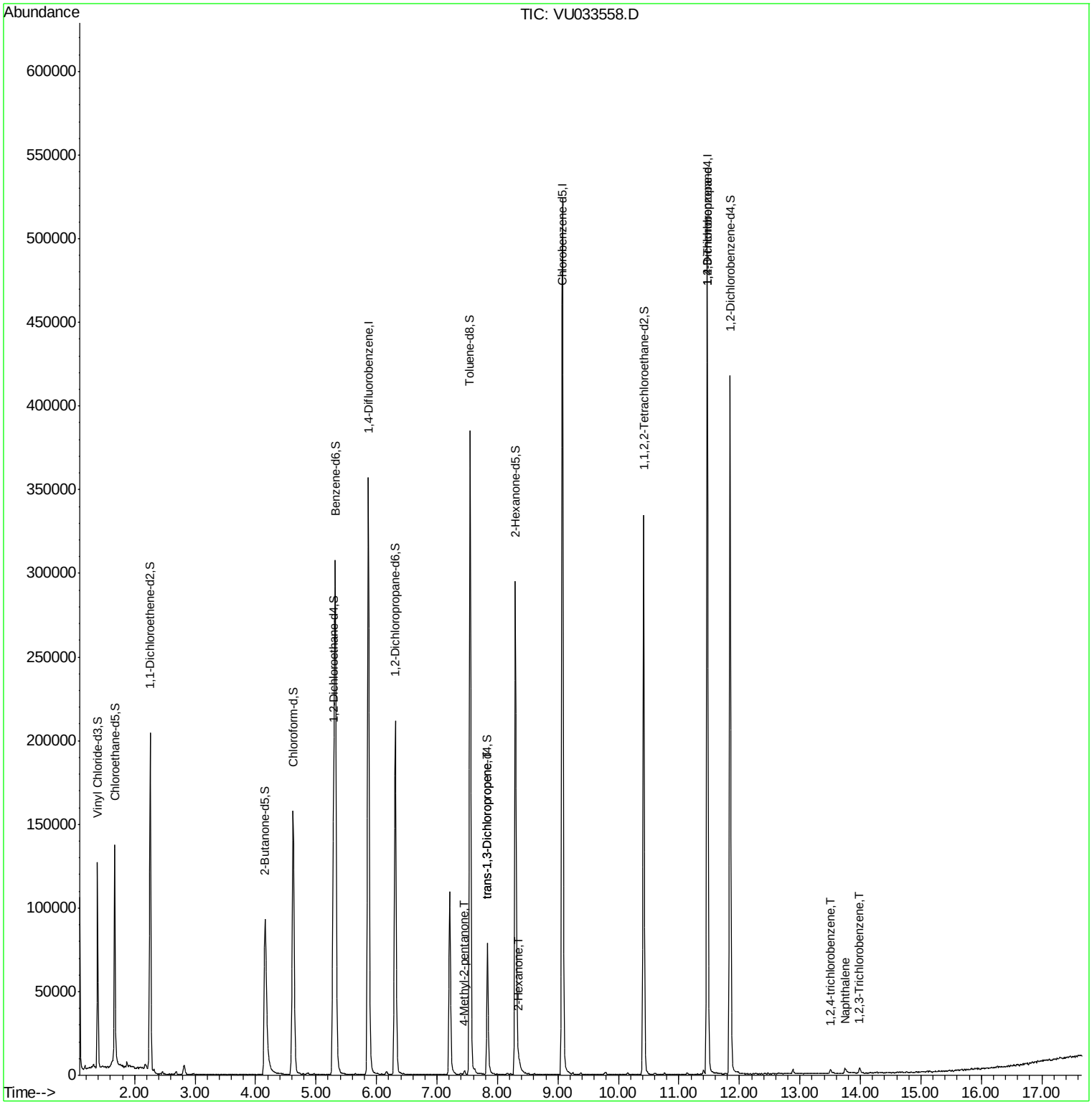
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080219\

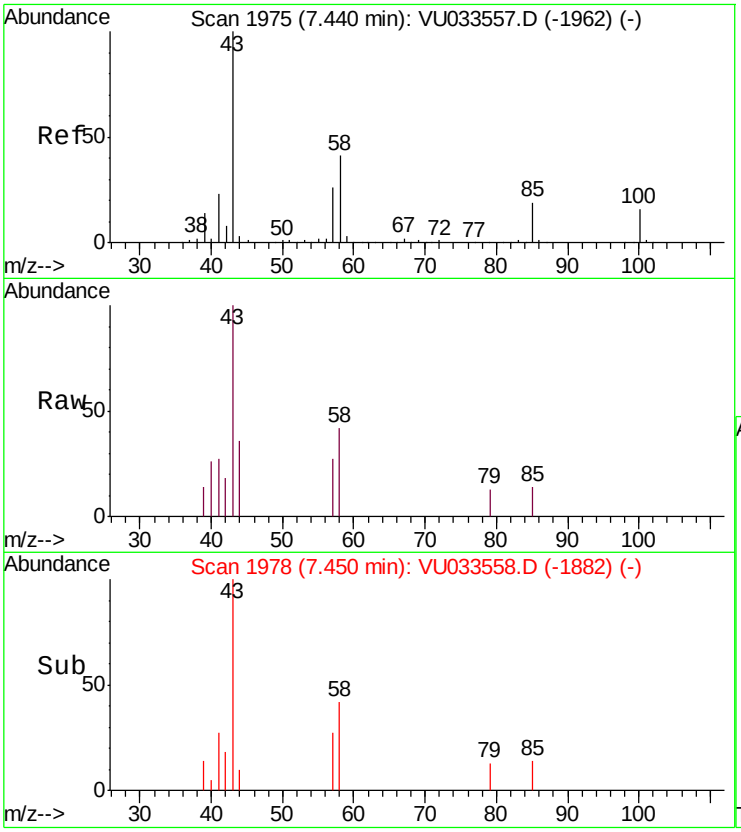
Quantitation Report (Not Reviewed)

Data File : VU033558.D
Acq On : 02 Aug 2019 09:57
Operator : JC/SP
Sample : VU0802MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
VBLK39

Quant Time: Aug 03 00:41:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 03 00:39:04 2019
Response via : Initial Calibration



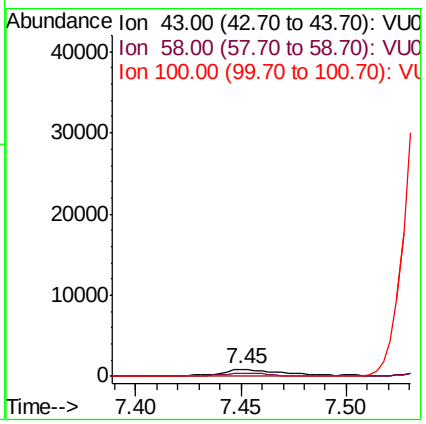


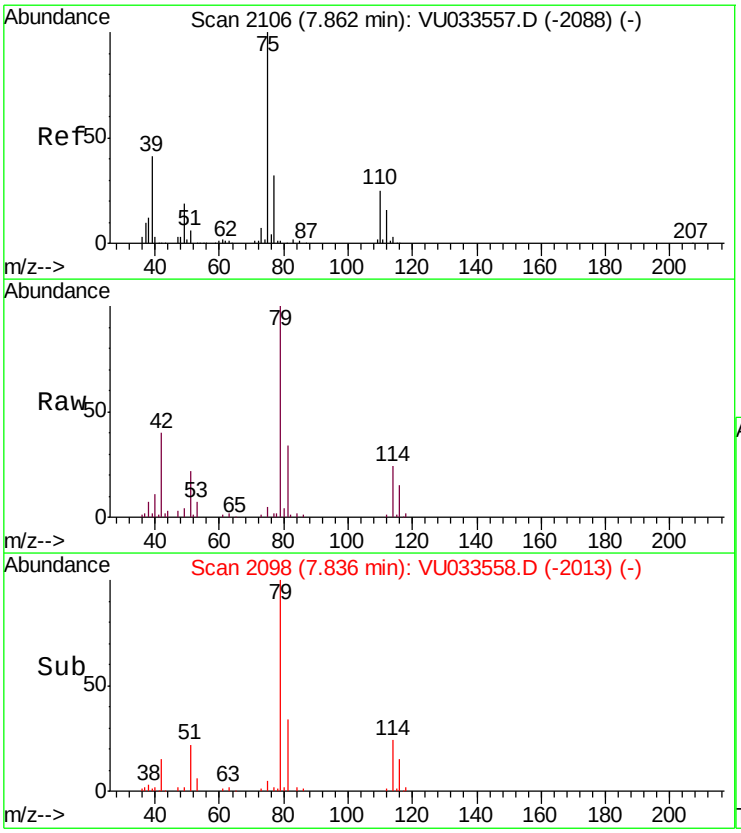

#40
4-Methyl-2-pentanone
Concen: 0.577 ug/L
RT: 7.45 min Scan# 1978
Delta R.T. 0.01 min
Lab File: VU033558.D
Acq: 02 Aug 2019 09:57

**Instrument :** MSVOA_U
**ClientSampleId :** VBLK39

Tgt Ion: 43 Resp: 1798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 31.3 | 32.8 | 49.2# |
| 100 | 0.0 | 12.9 | 19.3# |

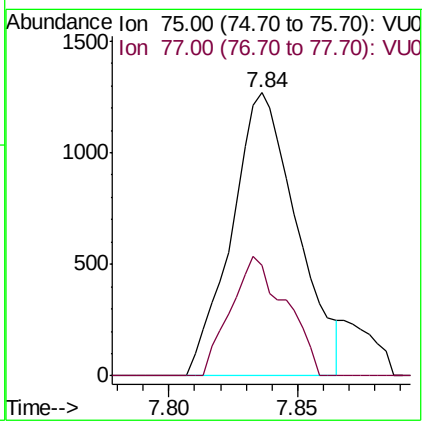


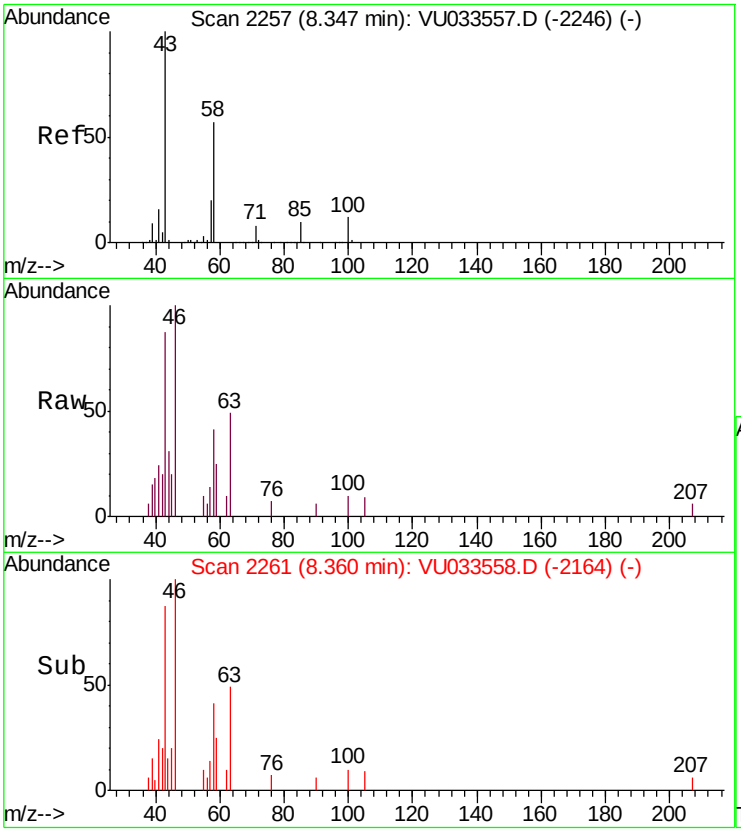




#44
trans-1,3-Dichloropropene
Concen: 0.704 ug/L
RT: 7.84 min Scan# 2098
Delta R.T. -0.03 min
Lab File: VU033558.D
Acq: 02 Aug 2019 09:57

Tgt Ion: 75 Resp: 2240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 39.2 | 22.7 | 42.1 |



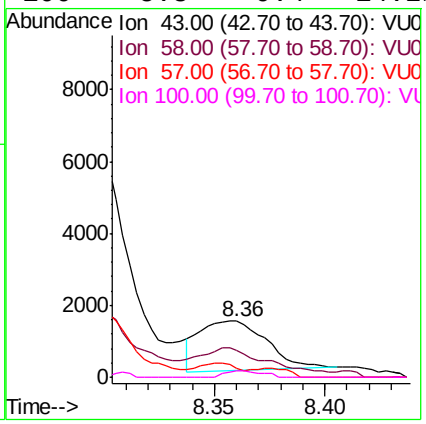


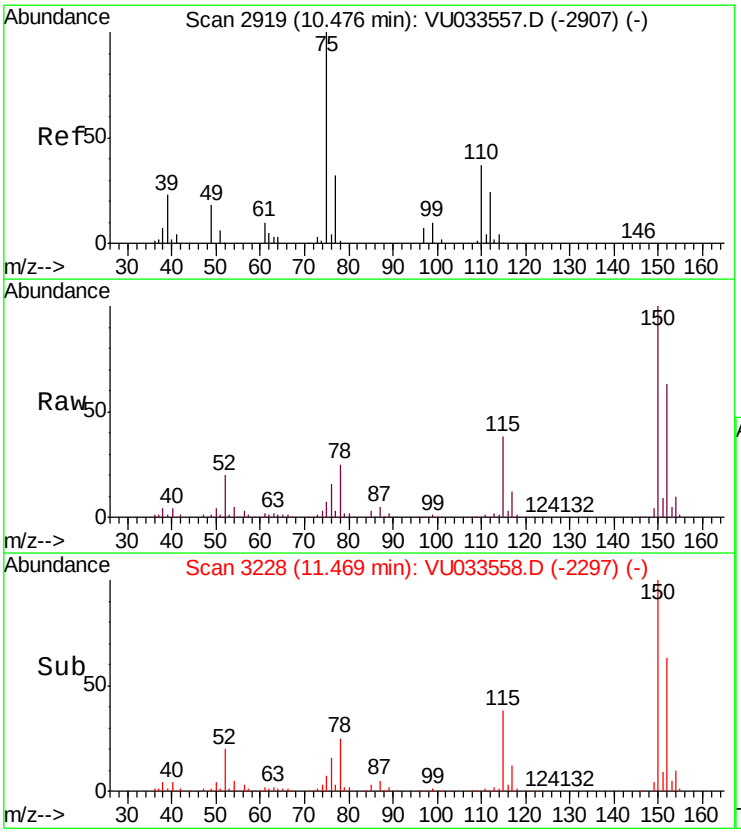

#48
2-Hexanone
Concen: 1.175 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.01 min
Lab File: VU033558.D
Acq: 02 Aug 2019 09:57

**Instrument :** MSVOA_U
**ClientSampleId :** VBLK39

Tgt Ion: 43 Resp: 2959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 19.9 | 45.8 | 68.6# |
| 57 | 16.6 | 15.8 | 23.6 |
| 100 | 5.8 | 9.4 | 14.2# |

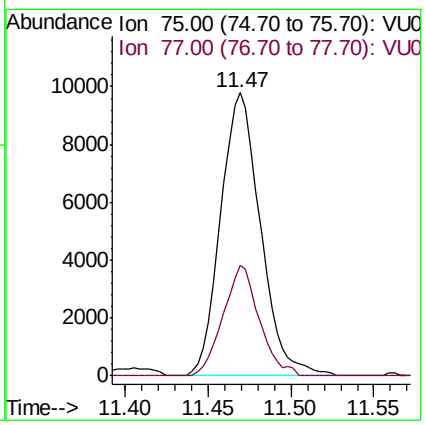


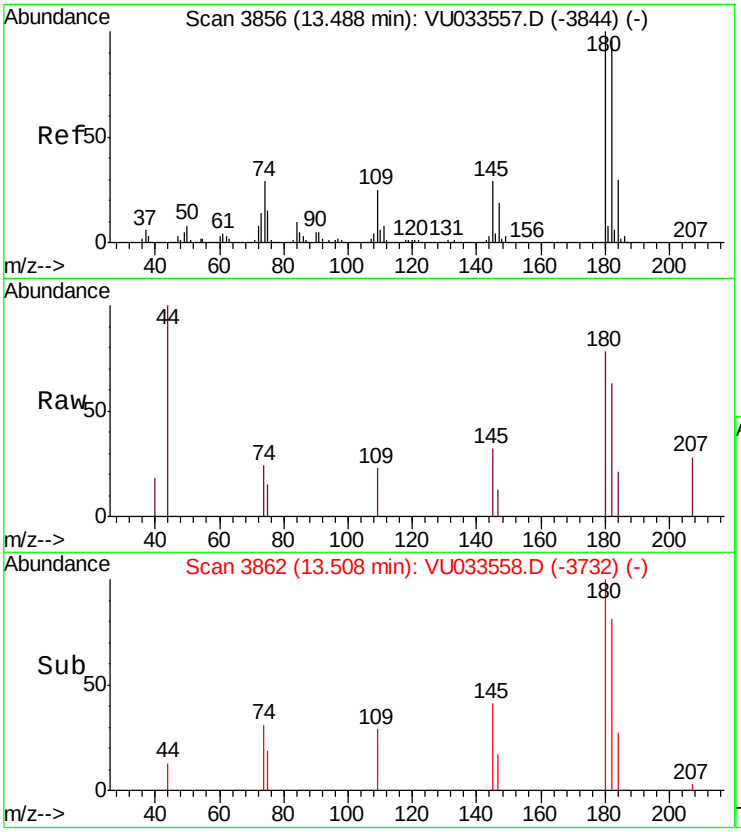




#59
1,2,3-Trichloropropane
Concen: 5.509 ug/L
RT: 11.47 min Scan# 3228
Delta R.T. 0.99 min
Lab File: VU033558.D
Acq: 02 Aug 2019 09:57

Tgt Ion: 75 Resp: 16401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 34.7 | 25.8 | 38.6 |



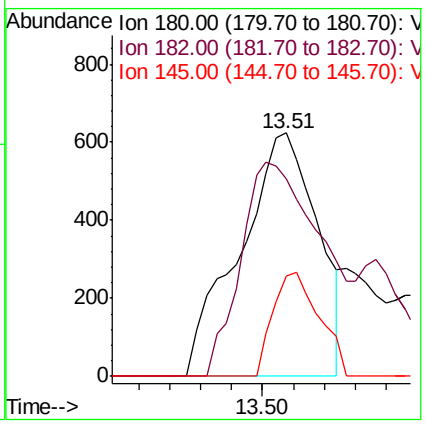


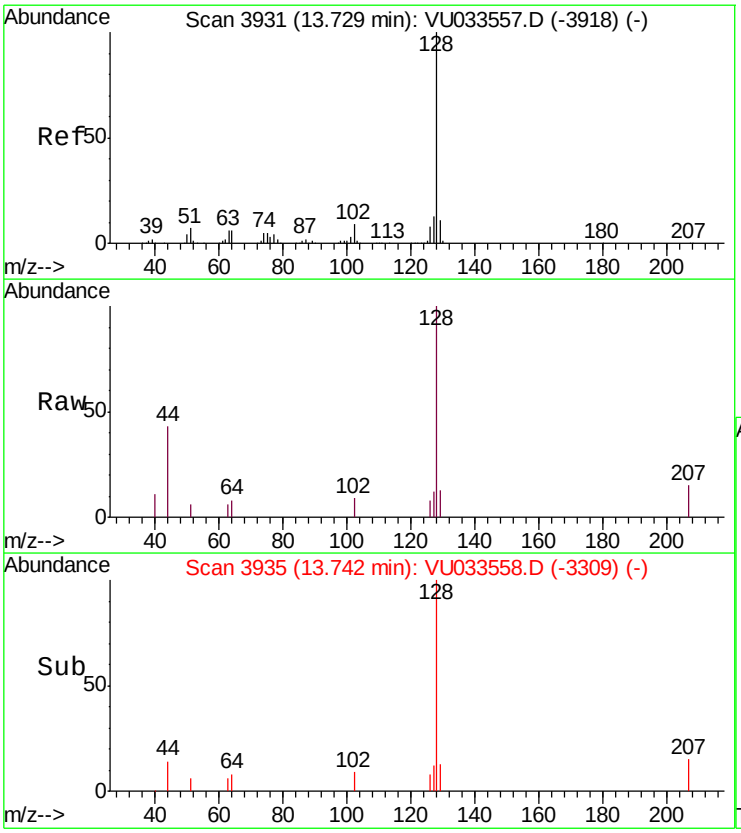

#68
1,2,4-trichlorobenzene
Concen: 0.386 ug/L
RT: 13.51 min Scan# 3862
Delta R.T. 0.02 min
Lab File: VU033558.D
Acq: 02 Aug 2019 09:57

**Instrument :**
MSVOA_U
**ClientSampleId :**
VBLK39

Tgt Ion:180 Resp: 1096

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 89.6 | 75.8 | 113.8 |
| 145 | 25.2 | 24.3 | 36.5 |

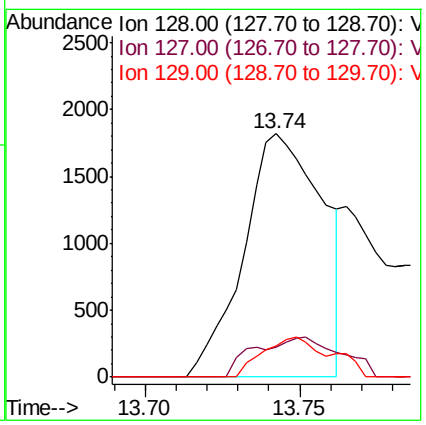


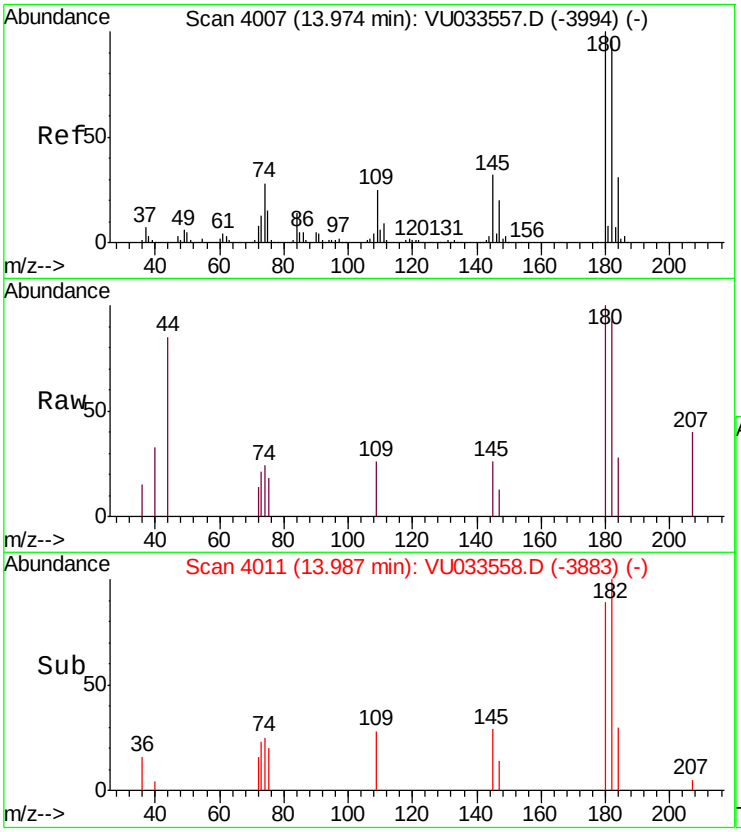




#69
Naphthalene
Concen: 0.396 ug/L
RT: 13.74 min Scan# 3935
Delta R.T. 0.01 min
Lab File: VU033558.D
Acq: 02 Aug 2019 09:57

Tgt Ion:128 Resp: 3227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 13.1 | 10.8 | 16.2 |
| 129 | 11.4 | 8.7 | 13.1 |






#70
1,2,3-Trichlorobenzene
Concen: 0.585 ug/L
RT: 13.99 min Scan# 4011
Delta R.T. 0.01 min
Lab File: VU033558.D
Acq: 02 Aug 2019 09:57

**Instrument :**
MSVOA_U
**ClientSampleId :**
VBLK39

Tgt Ion:180 Resp: 1747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 72.1 | 75.5 | 113.3# |
| 145 | 14.2 | 24.4 | 36.6# |